

Suggestions on how to track and monitor the gear and systems on your boat. Tips and Ideas to make boating more fun and enjoyable



by Jeff Merrill, CPYB © 2021 all rights reserved

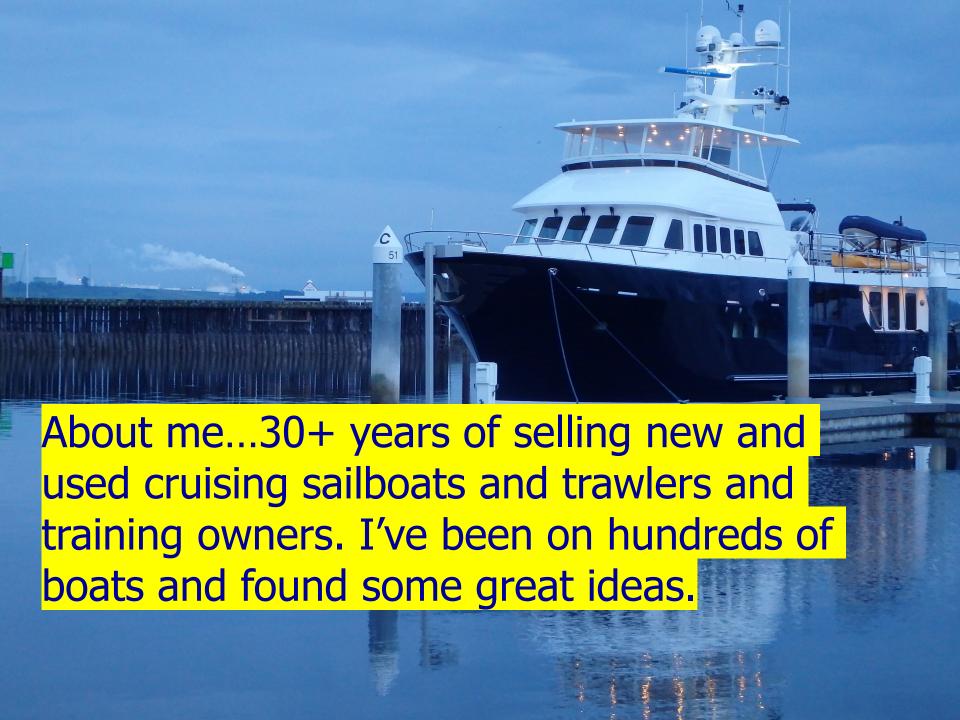
Racing sailboats led to this course

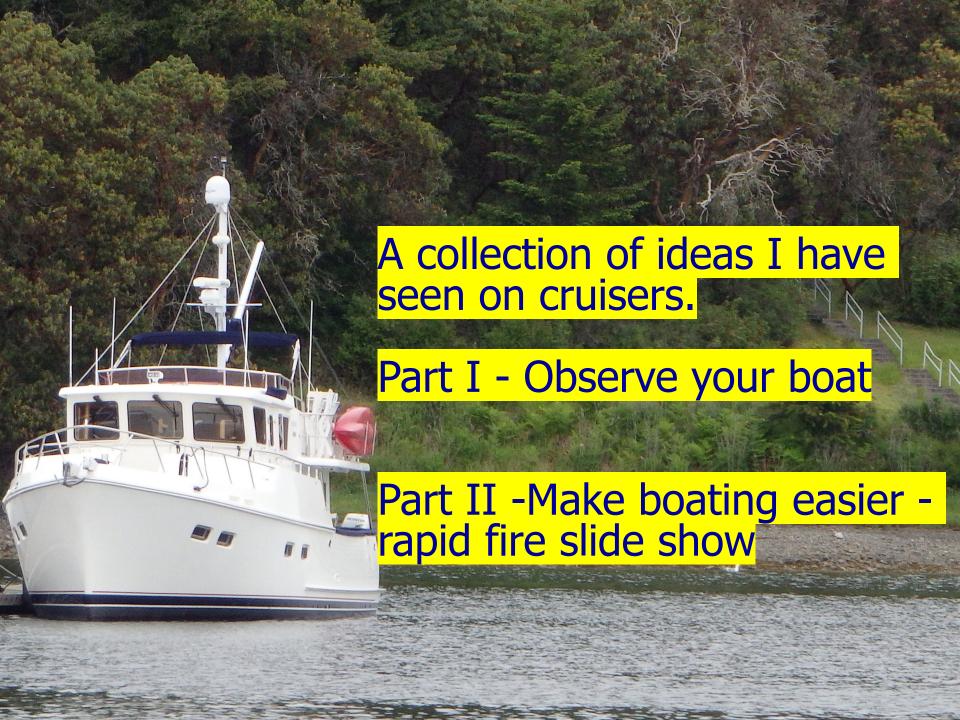


Sunday October 3, 2021

Pilothouse – Gauge Reference My first power boat "AHA"



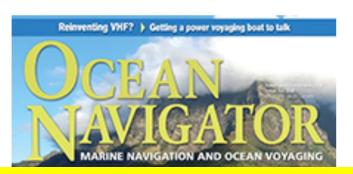


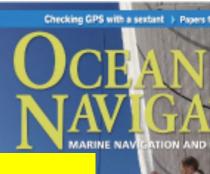




ialing-In-Your-Trawler articles Jeff Merrill has written are available







Handout* A list of the articles I have written for Ocean Navigator magazine



Of course, a compass

Mar/Apr 2020



Enabling your boat to talk

Nov/Dec 2019



Ship's Paper

Jul/Aug 201

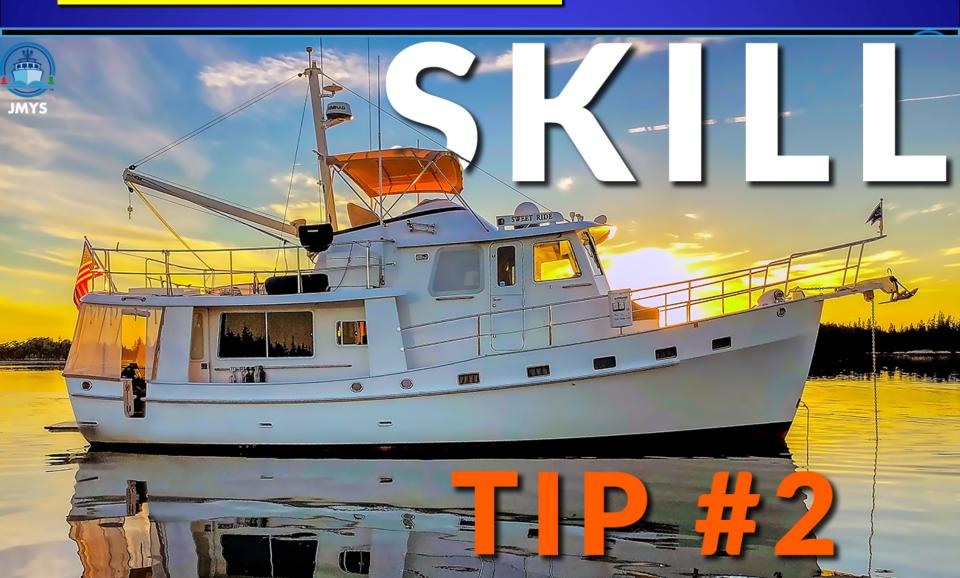
Expert Instruction From The Brands You Trust.

Offshore Cruising: Preparing Craft & Crew

Preparation is key to successful cruising. Regardless of the size, make or model of your boat, understanding its critical systems and having a plan is crucial to keep your craft performing efficiently and safely. Join yacht broker, boatbuilder and TrawlerFest instructor Jeff Merrill in this exclusive online course designed to help you prepare yourself, your boat and your crew to get the most out of your offshore boating adventures.

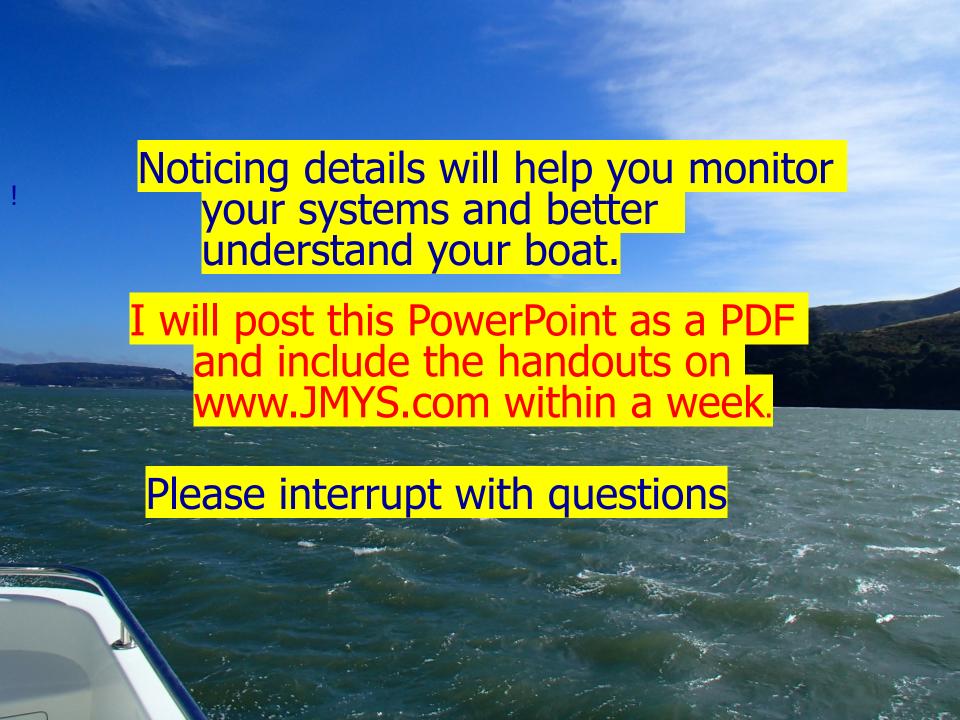


YouTube videos

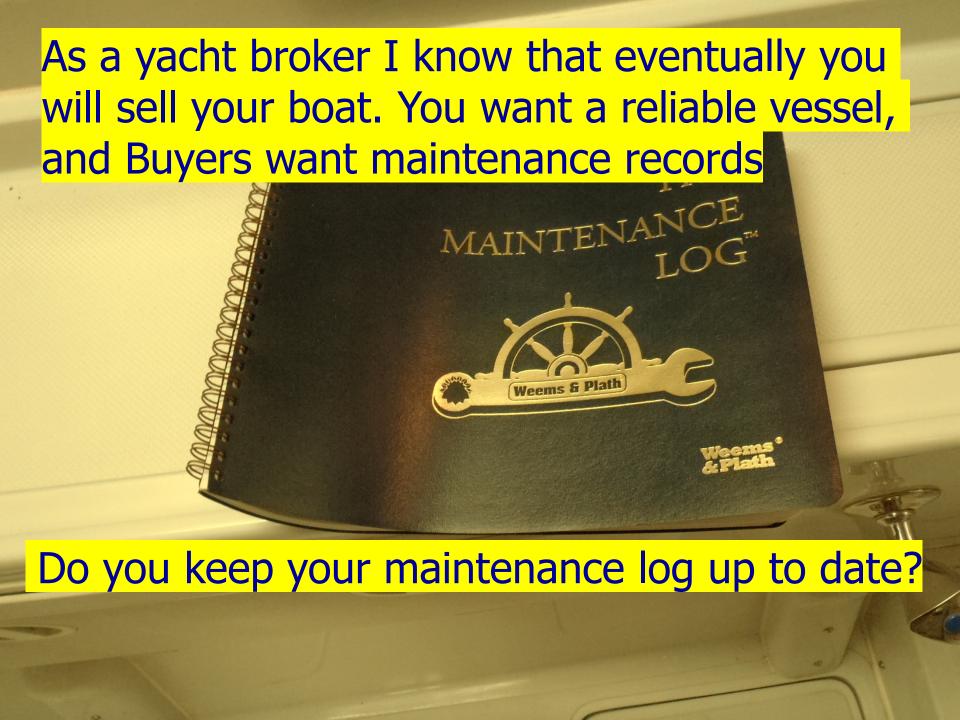


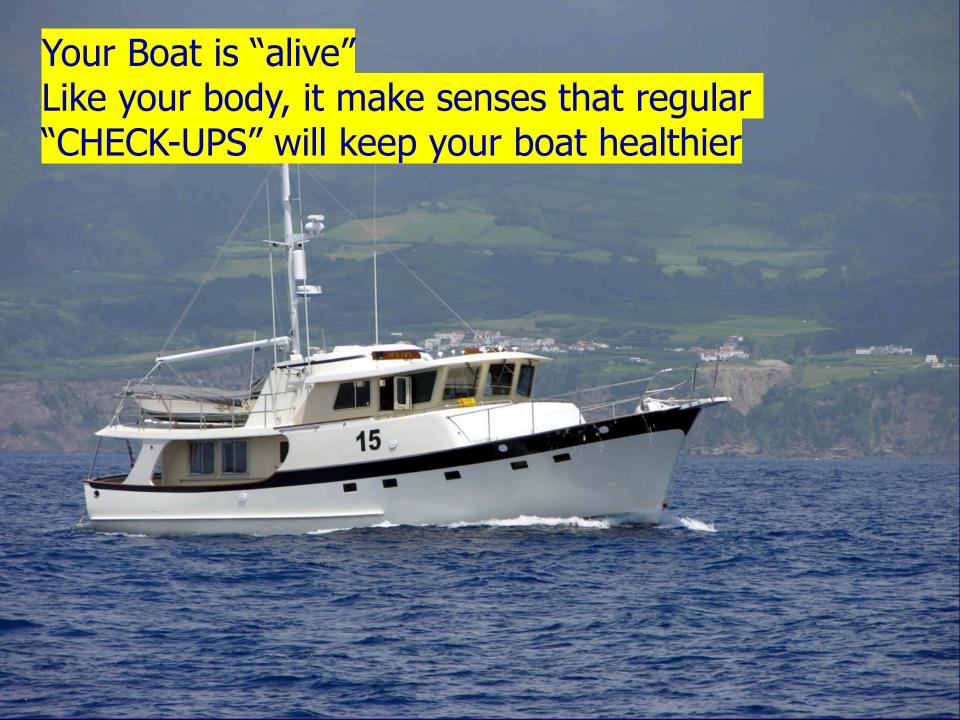
Learn something from every boat

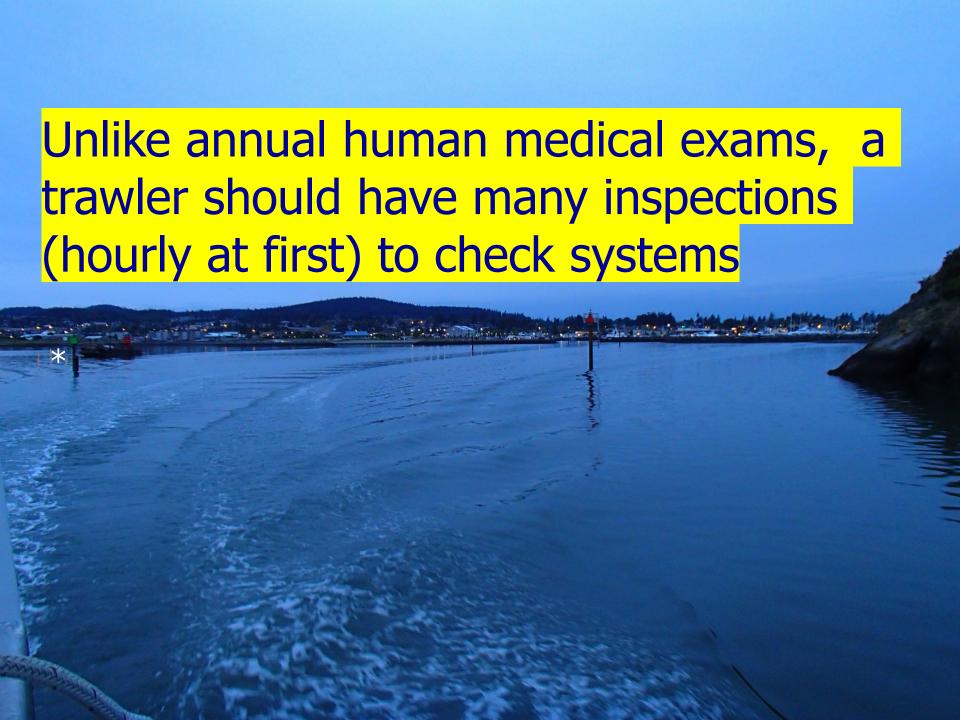
Every vessel has a number of components that require attention and observation, we are all "in the same boat"







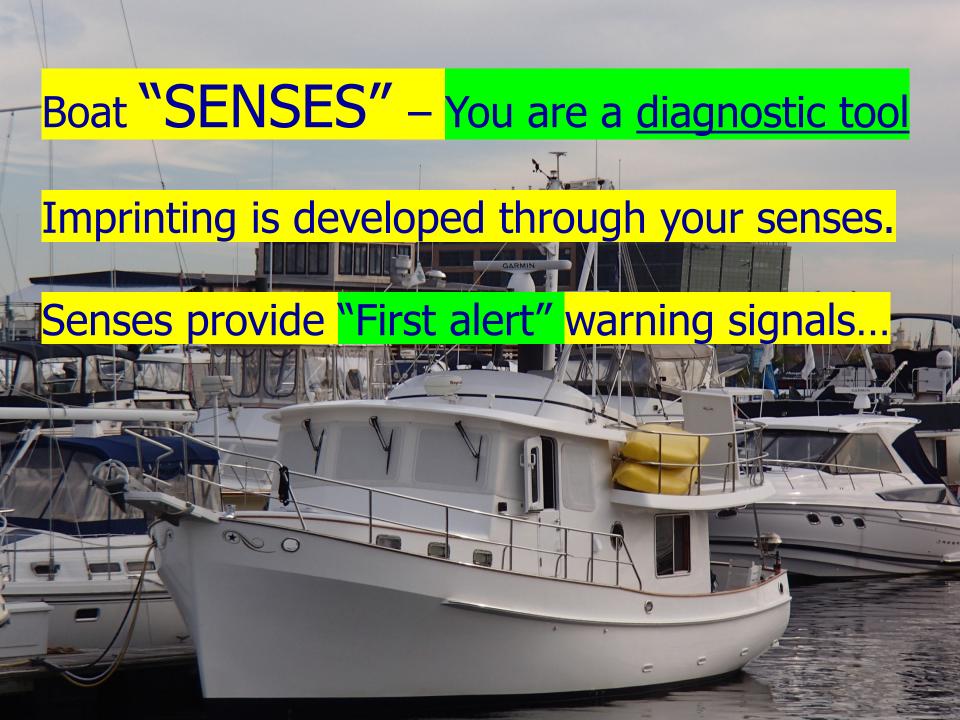




Be observant and pay attention

What can you do to keep track of things and make boating easier?









New noises to identify:
Pumps, Beeps, Clicks, Alarms
Vibrations (normal and OK)
High pitch whine (laundry)
Wear ear muffs in the engine room

Do you hear that "Buzzing" outside?







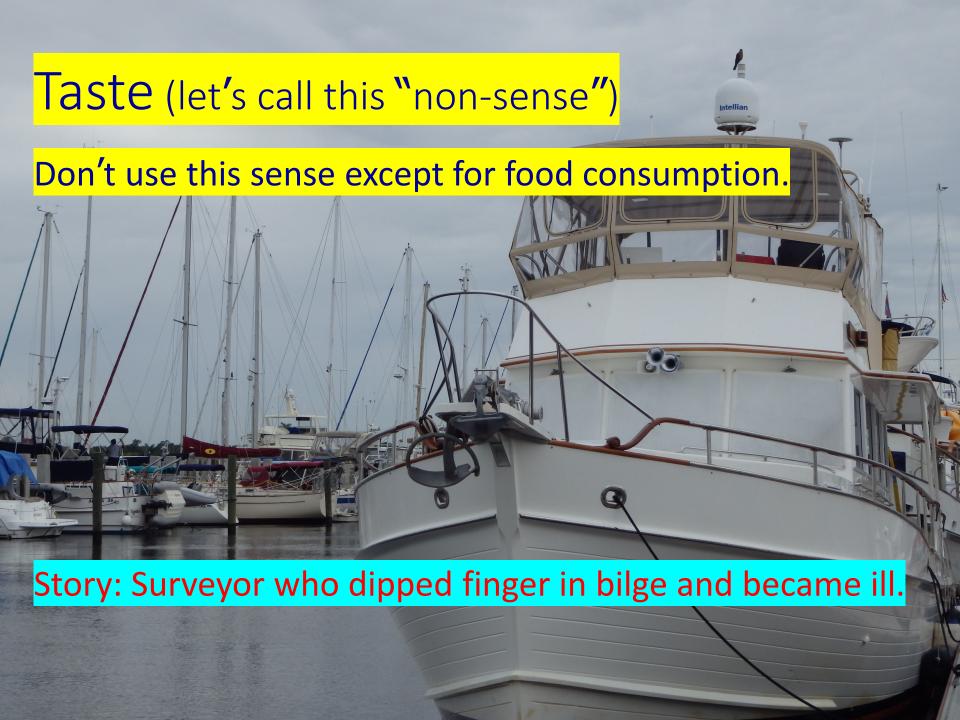
Burning? Smelly or stinky? Something unusual? A change in what the "normal" smell is can be an early warning sign of something amiss... <u>Amenika maki</u>

Touch (and what not to touch)

Machinery hot parts – be careful of burns

Gloves – anchoring and handling dock lines (wood dock splinters)

Shoes on deck: hatch dogs, sure footing, around windlass, anchor and chain





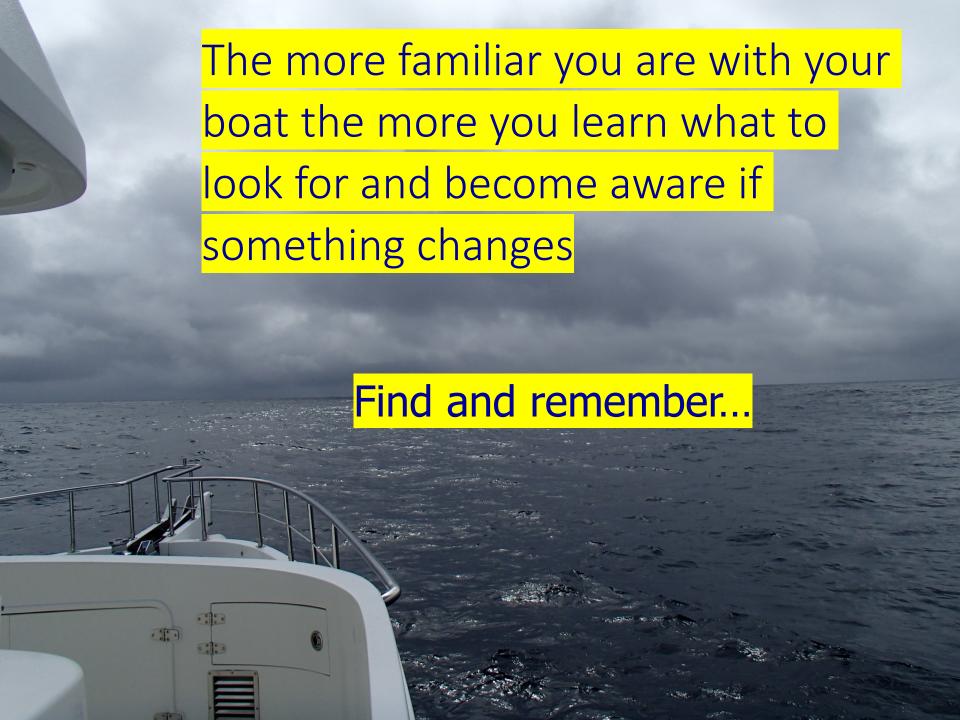


GET YOUR BOAT ON TRACK

Let's see what other boat owners do to stay on top of things.

Machinery with temperatures to monitor and many reminders or quick reference ideas.





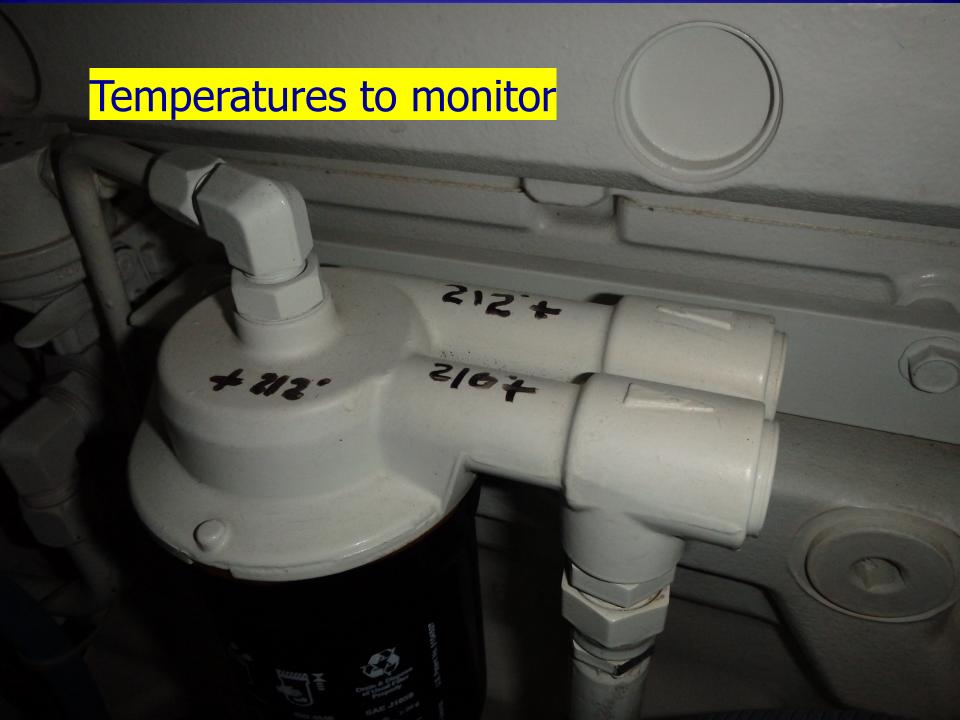
Locate where things are installed

Anti siphon vents?

Where is your autopilot rate gain compass?



How about your GFCI outlets and shore power breakers?



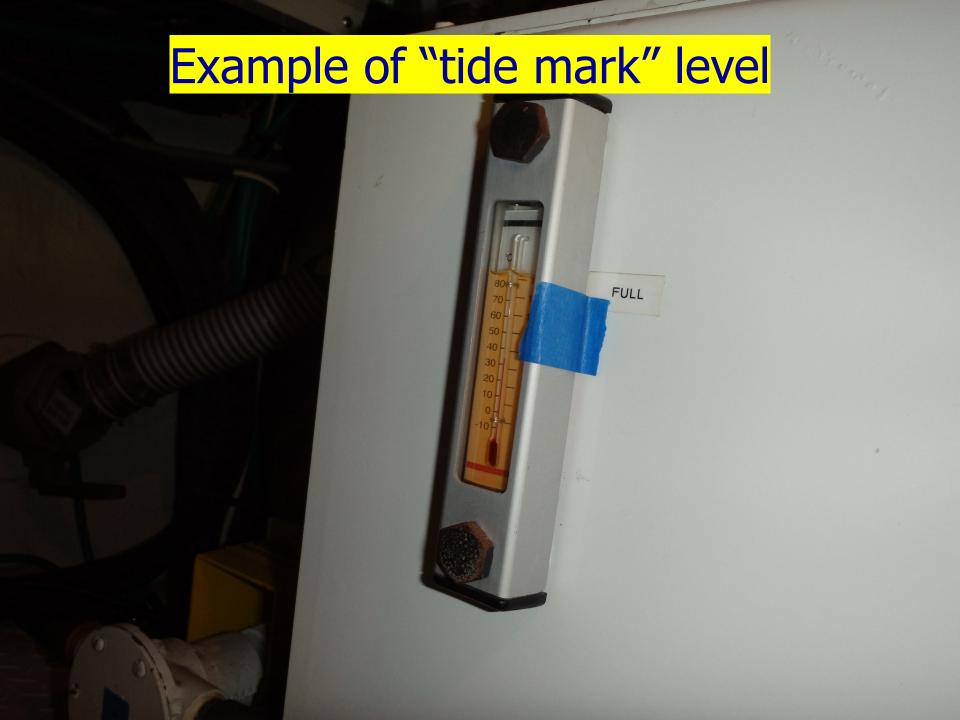
What other temperatures should you record?

- Stuffing box
- Engine coolant
- ER forward and aft bulkhead









Learn the "INS"...

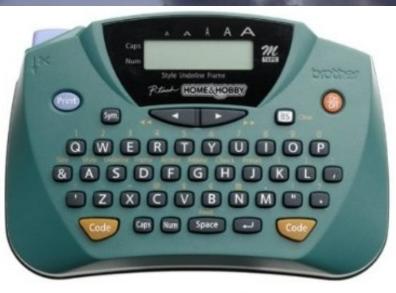


and OUTS... To and From, Supply and Return



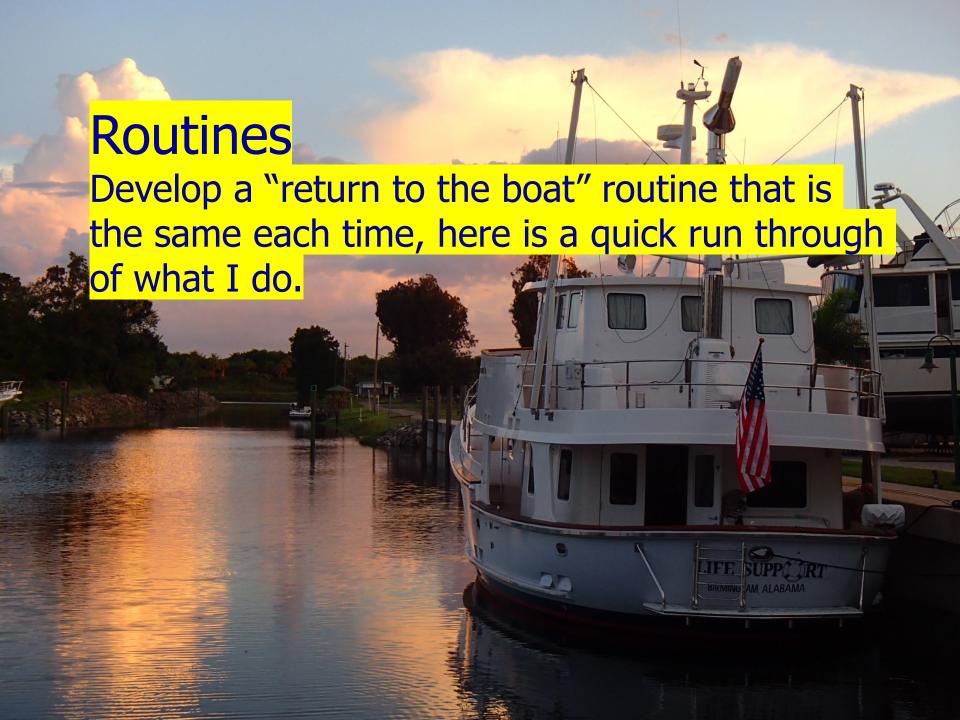
Get a Label Maker and use it!

STERN THRUSTER HEADER

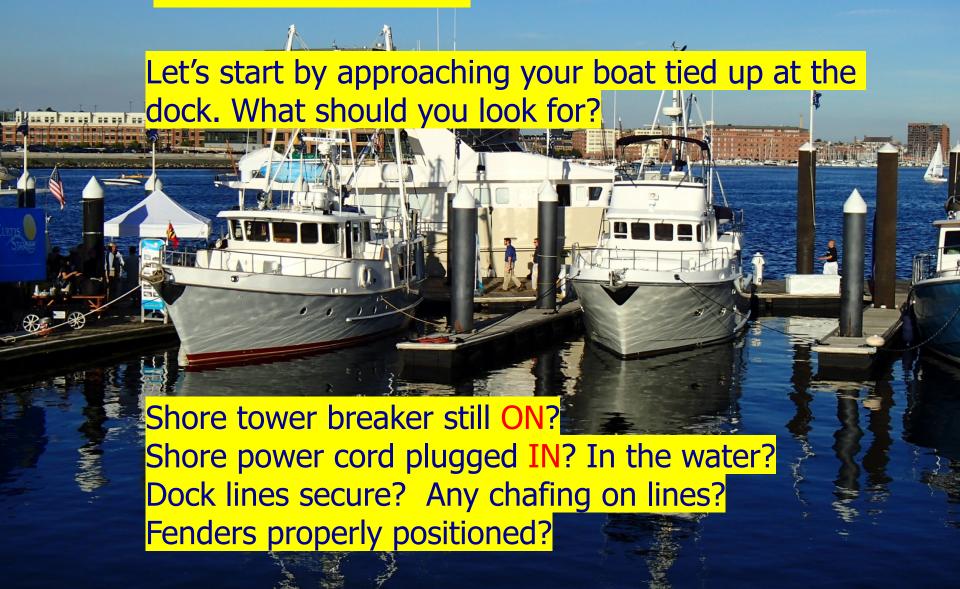








At The Dock

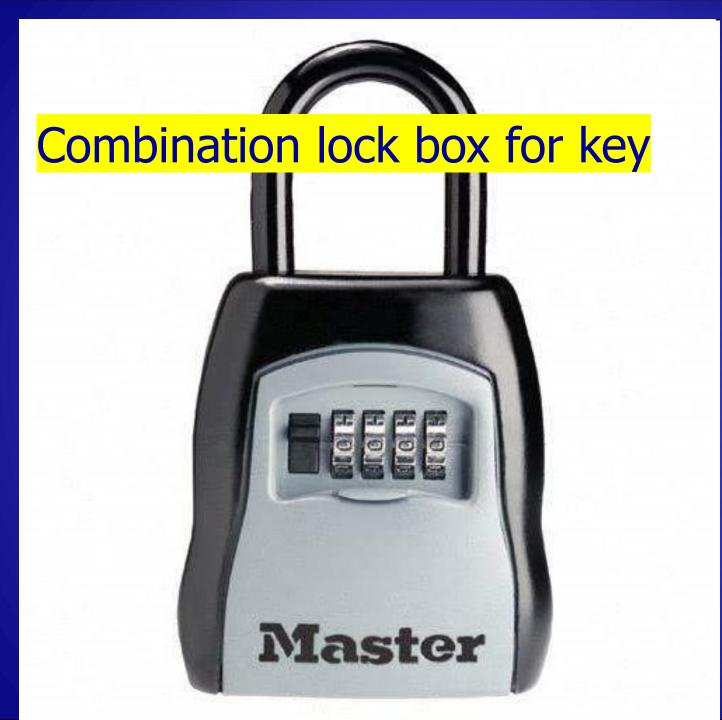






Is your lazarette hatch lockable?







Inside- My First Two Priorities

Electrical – Do I have shore power coming in and are my batteries charged?

Bilge – How much water do I have in the bilge?



AC IN = Good!



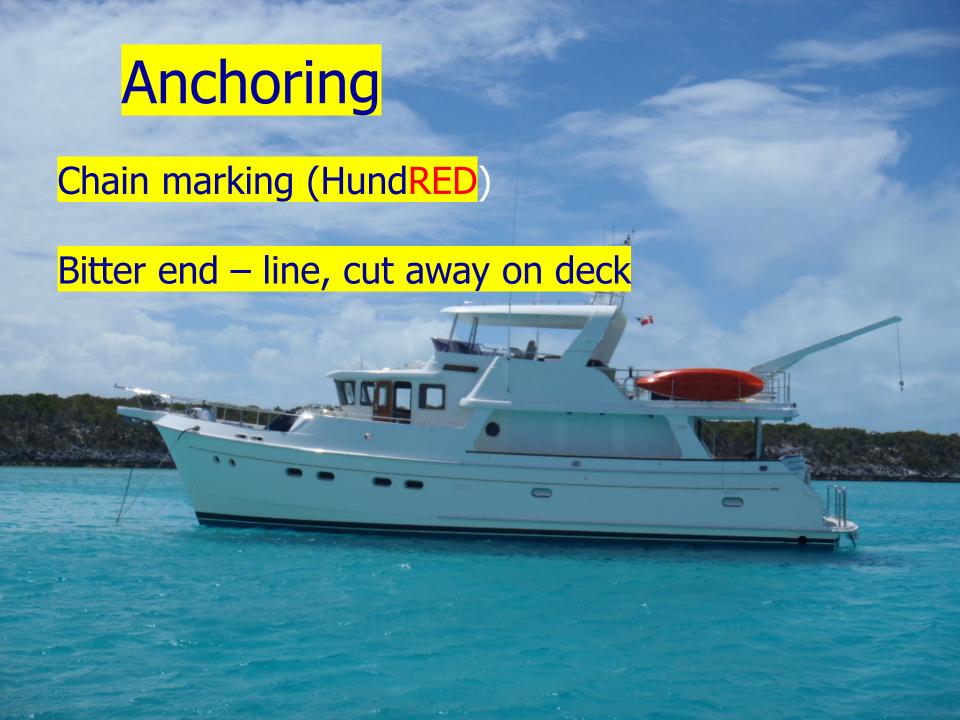
Keeping things clean and tidy makes it easier to notice when something goes wrong

USCG Vessel Safety Check

Handout* This is a great way to make sure you are in compliance





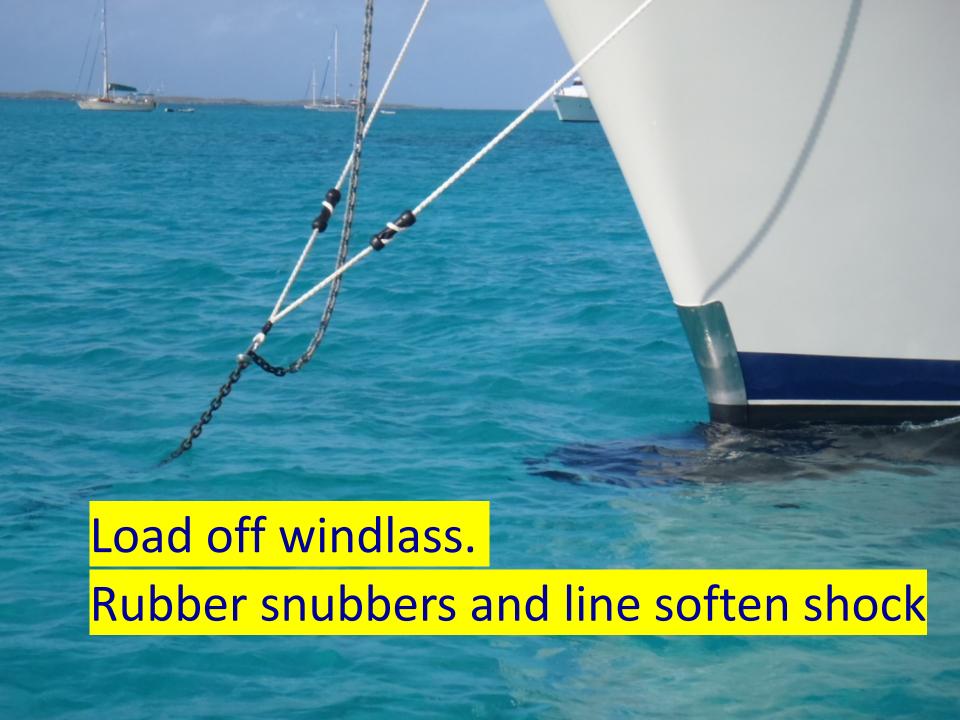


Hund-RED's

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ANCHOR CHAIN
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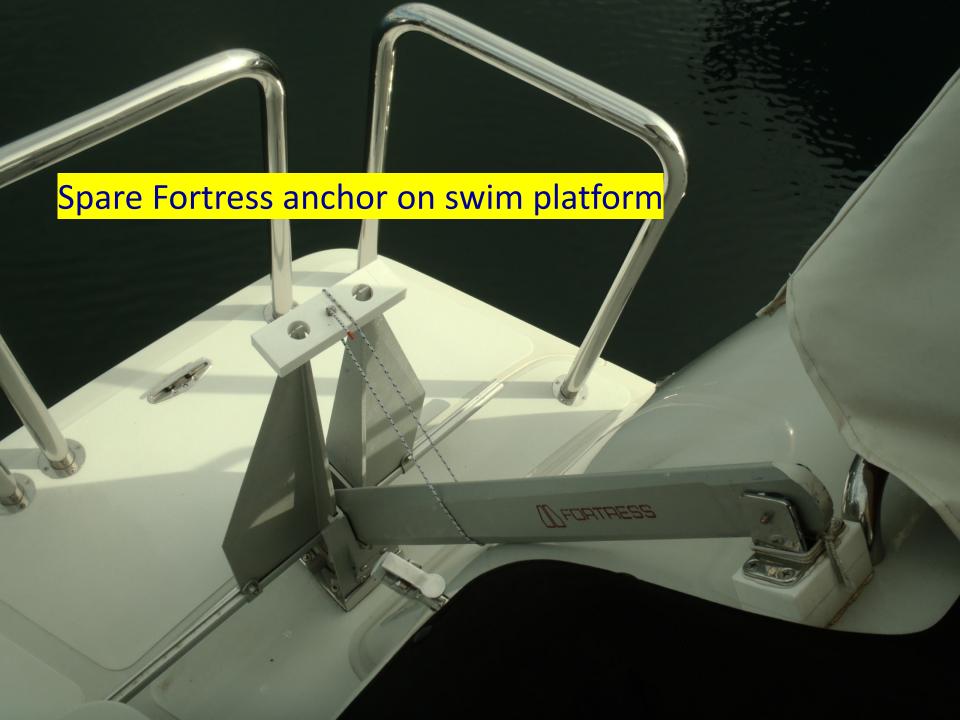




Stop Slop







Chain color coding by windlass control









ANCHOR CHAIN

1st WHITE AT 40'
WHITE MARK EVERY 50'
LAST 50' PAINTED RED





Folding pad eye for clipping on fenders



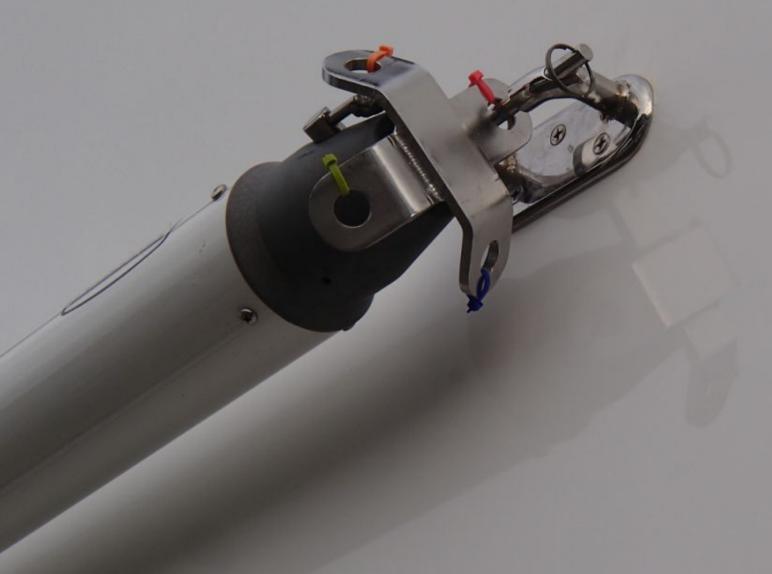








Flopper stopper – color code line attachments













Docking Tips

7/5

- Dock lines color code red/green
- Extra lines and chafe protection
- Surge areas chain on cleats
- Fenders clips on hull, fender boards
- Inflatable fenders (need air pressure)
- Fender hooks
 - Shore power connections secure?

Color markings or numbering of dock lines

Dock Lines
Short - White whipping
Medium - Red whipping
Long - Black whipping













This example is for a main engine. I recommend you create an individual log for all major components: Sails, Transmissions, Generator, Windlass, Crane, Watermaker, Stabilizers, etc.

Maintenance Log - Records

Note all purchases and upgrades

Track oil changes and all service repairs

This is an important record and sales tool when you are ready to sell your boat

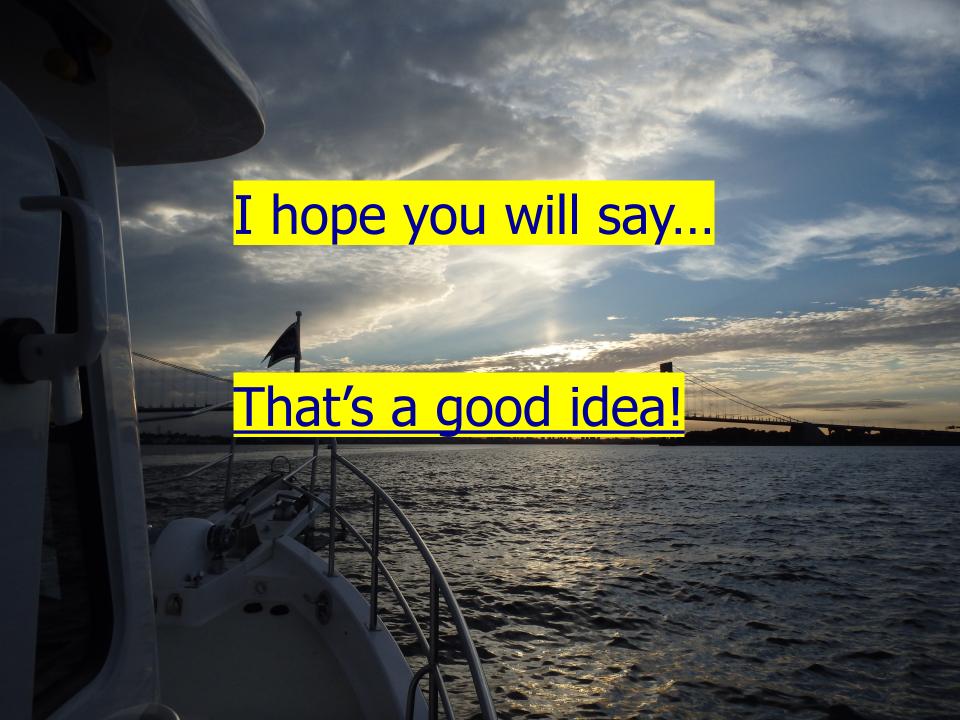
Handout*

Steve D'Antonio and Jeff Merrill Maintenance List

PART TWO

IDEAS THAT YOU CAN USE ON YOUR BOAT



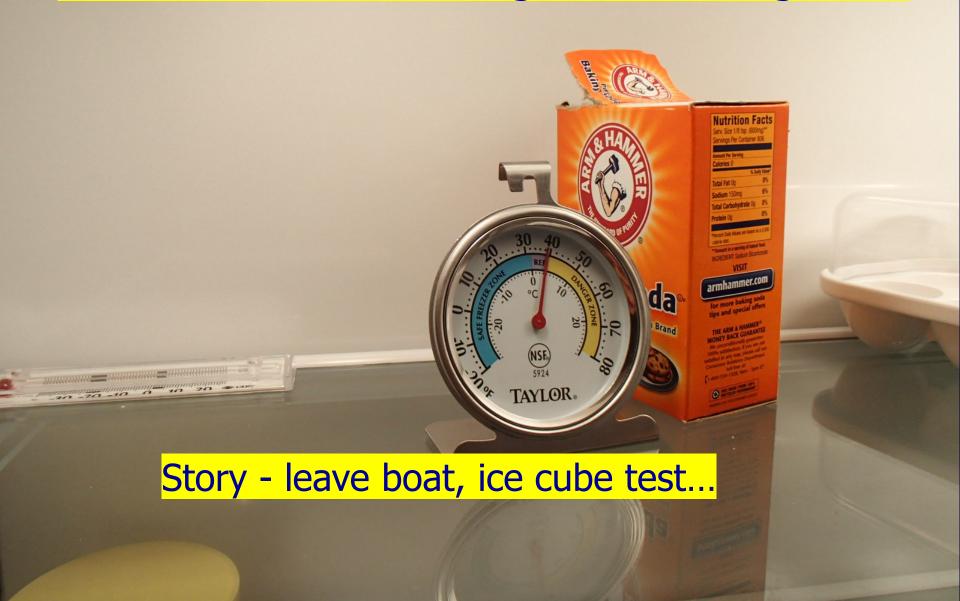




Refrigerator organization – bars and tubs



Thermometer and baking soda in refrigerator















Clear tubs for storage







Really Useful Boxes





Loose Parts Bin (you'll identify where it goes later)











Swiffer Sweeper Vacs are great for wood floors





Squeegee and Shower Spray











WDE 4988

VHF call sign label





Keep your display screens clean

above hydraulics breaker, protected switch)

- · SET 2200 RPM ON WING ENGINE
- · PRESS "START" (GREEN) ON BOW THRUSTER KEYPAD; pump will whine and discharge stb'd. side, aft
- · PRESS "STOP" (RED) ON KEYPAD WHEN BILGE IS EMPTY; Repeat as necessary while locating water entry.



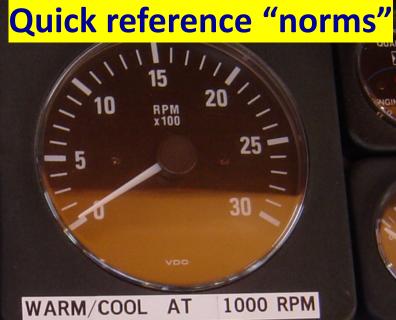










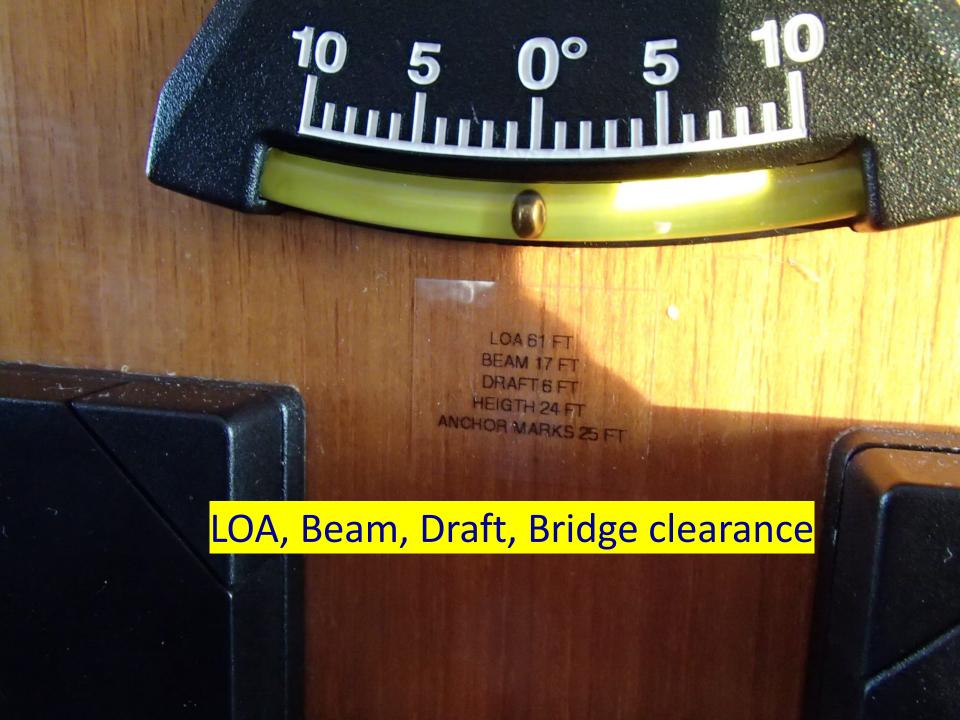


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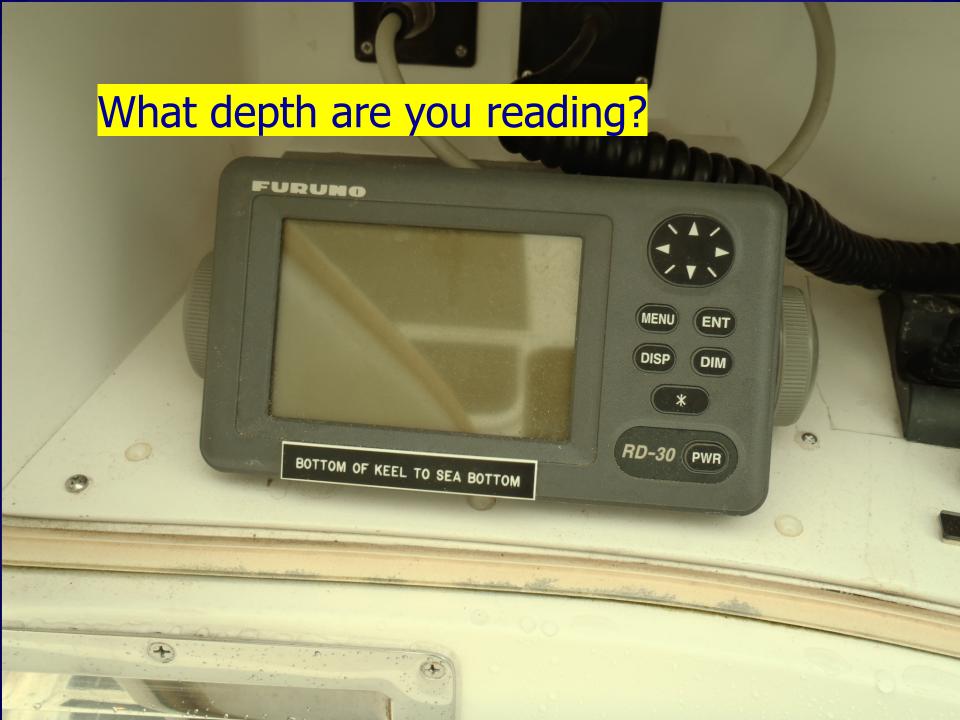


B



M.V. JODA

DRAFT	5.0'	1.525 m
LOA	48.5'	14.75 m
BEAM	16.75'	5.10 m
DISPL.	56,200 lbs	
WATER	540 USG	2,044 L
FUEL	1,038 USG	3,945 L
MAST	30' 4"	9.2 m



Inland, River reminders

1 WHISTLE

HEAD ON PORT TO PORT

OVERTAKING BOAT PUTTING SLOWER BOAT TO PORT

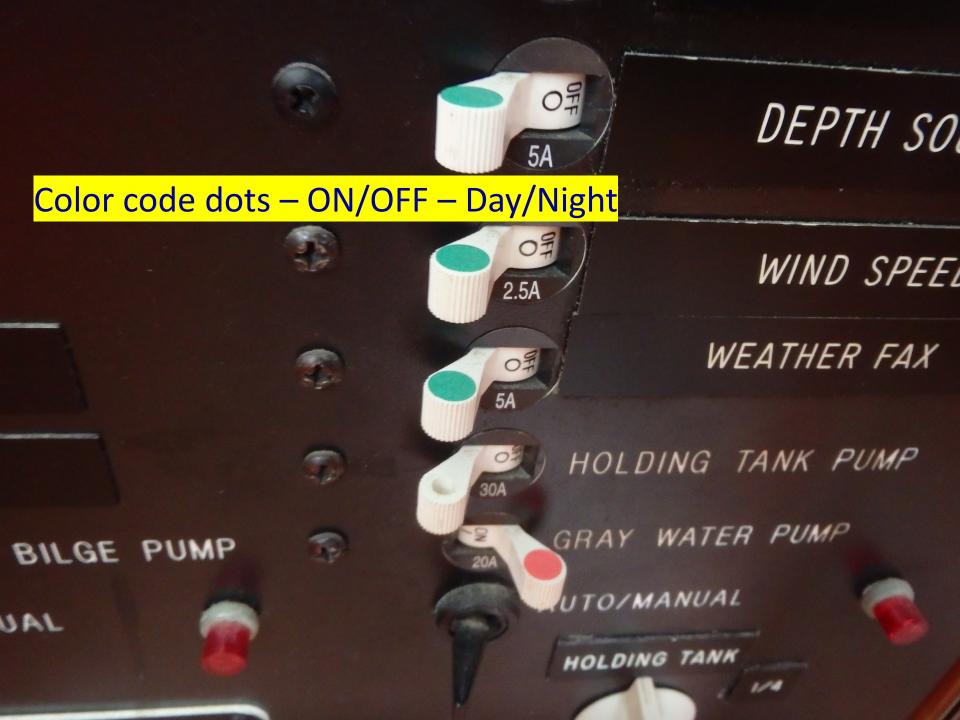
2 WHISTLES

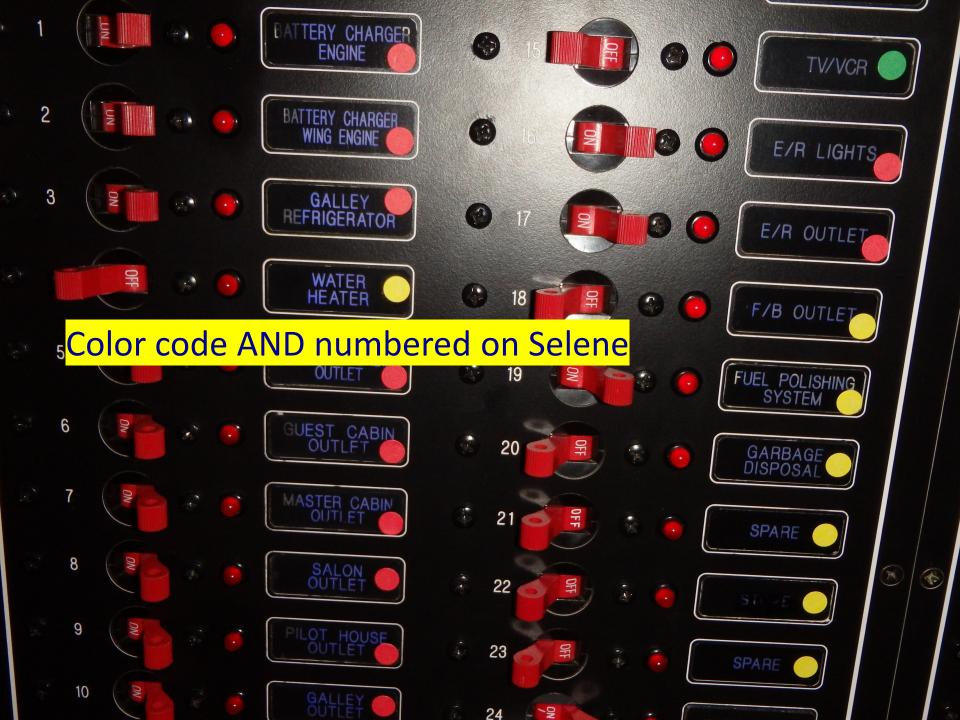
HEAD ON STBD TO STBD

OVERTAKING BOAT PUTTING SLOWER BOAT TO STBD

Detail tape to segment electrical panel







Toggle guards on "permanent" breakers

IVERTER

FWD

AMIDSHIPS

S AFT

ETS PILOT HOUSE

NE ROOM LIGHTS

/STEREO

AV CHARGER



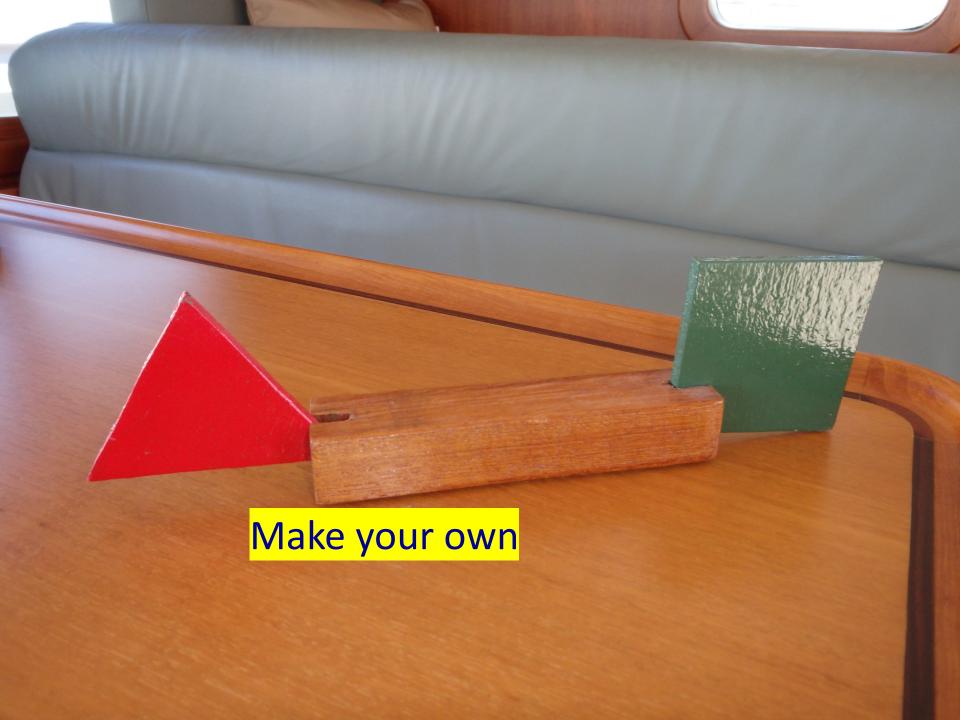
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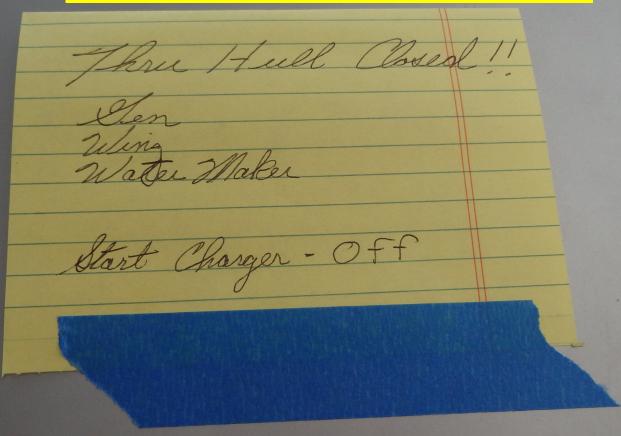






When you depart,

leave yourself a reminder...

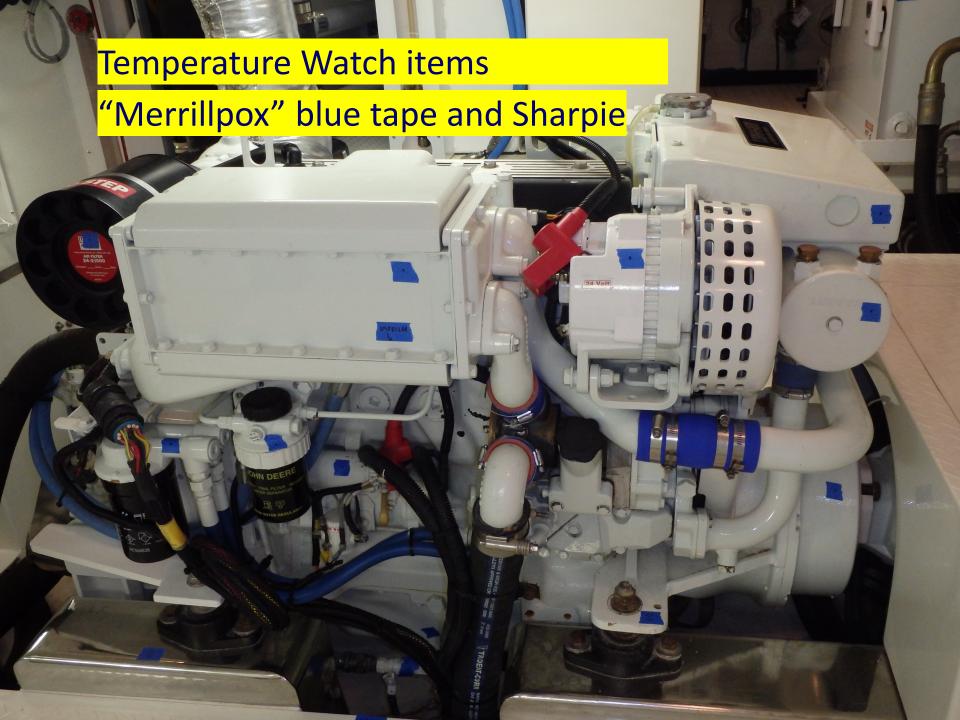




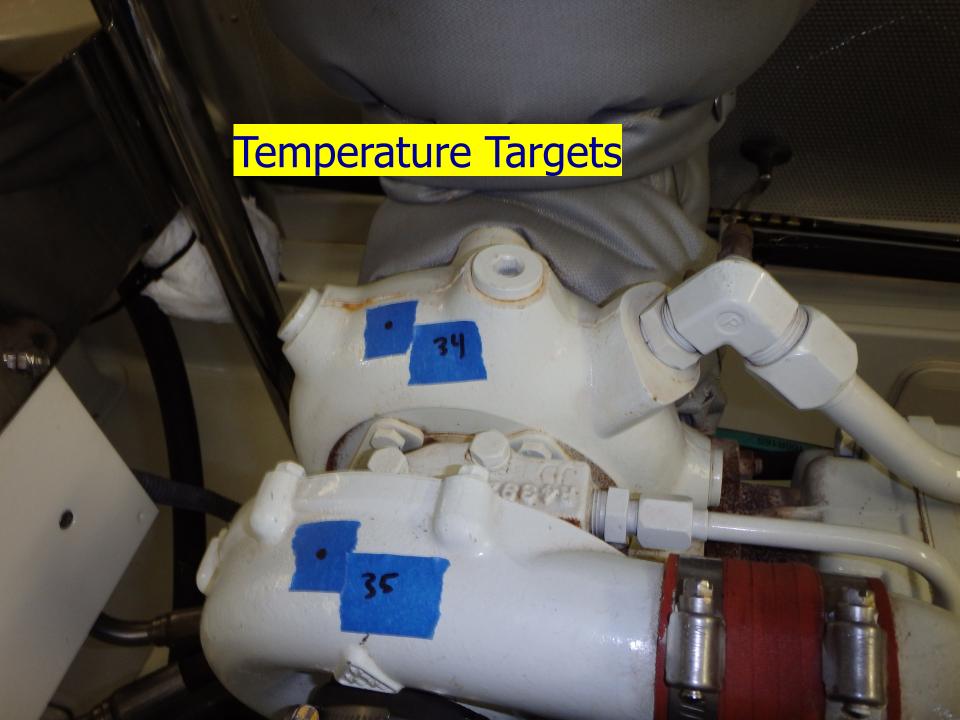


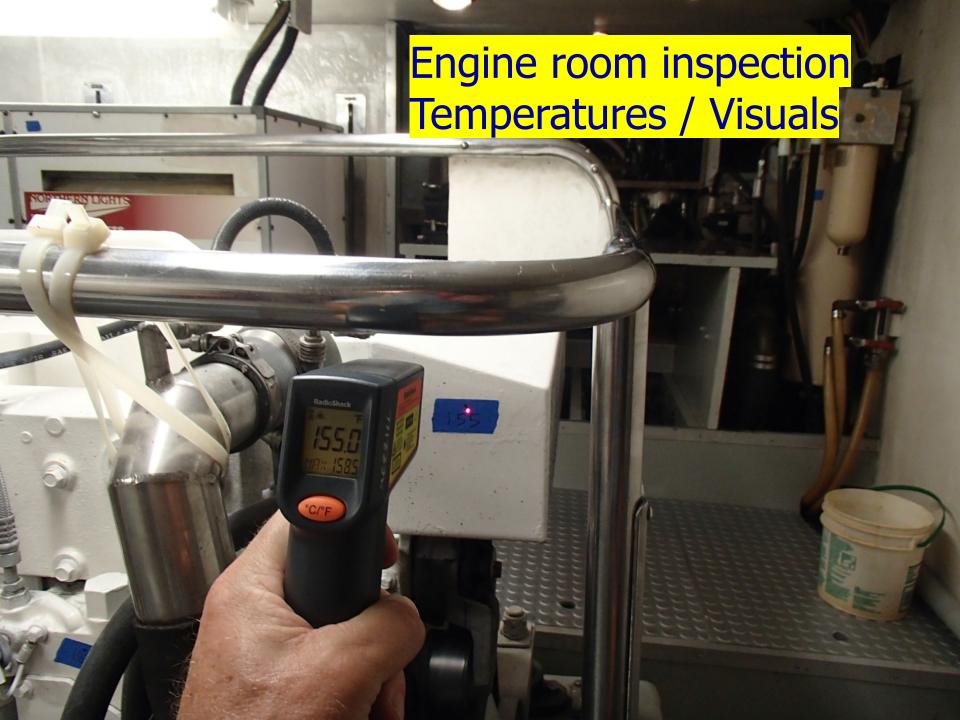
Infrared Temperature Gun





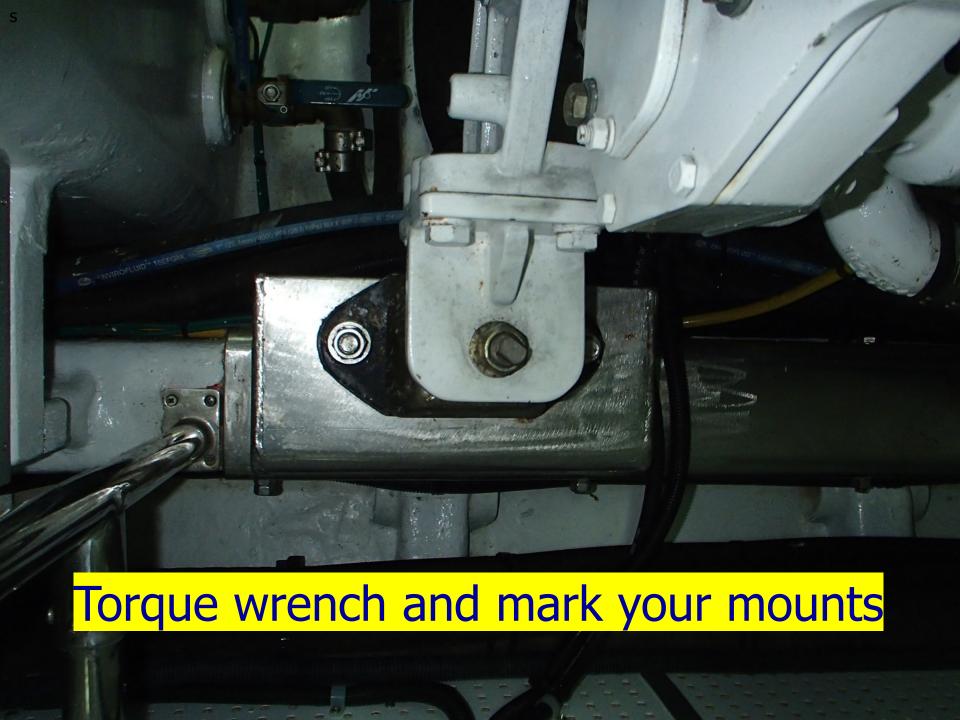






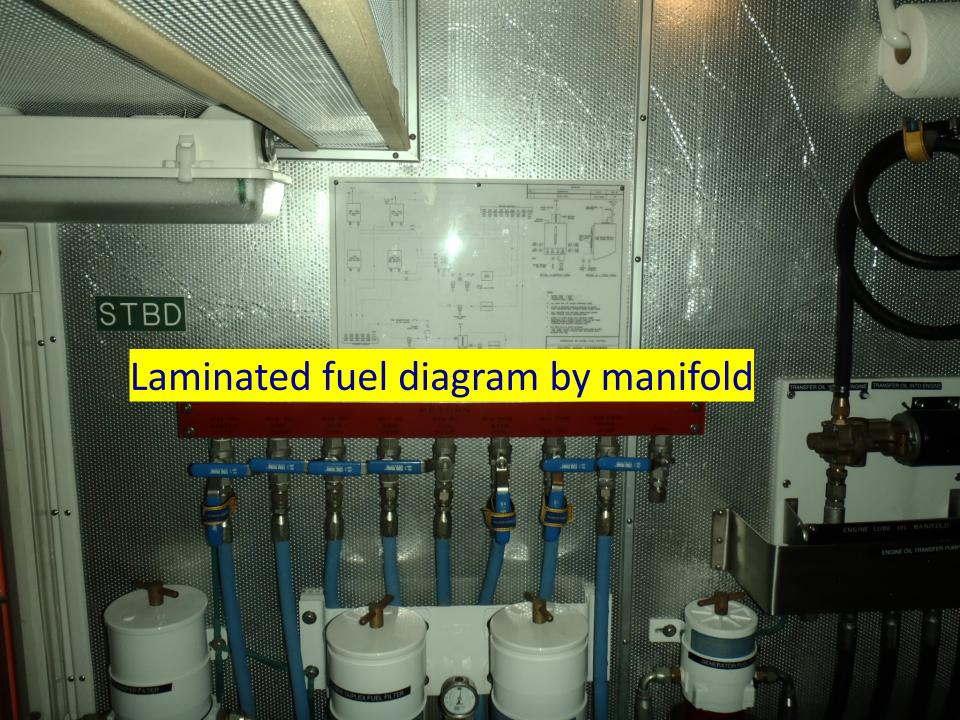


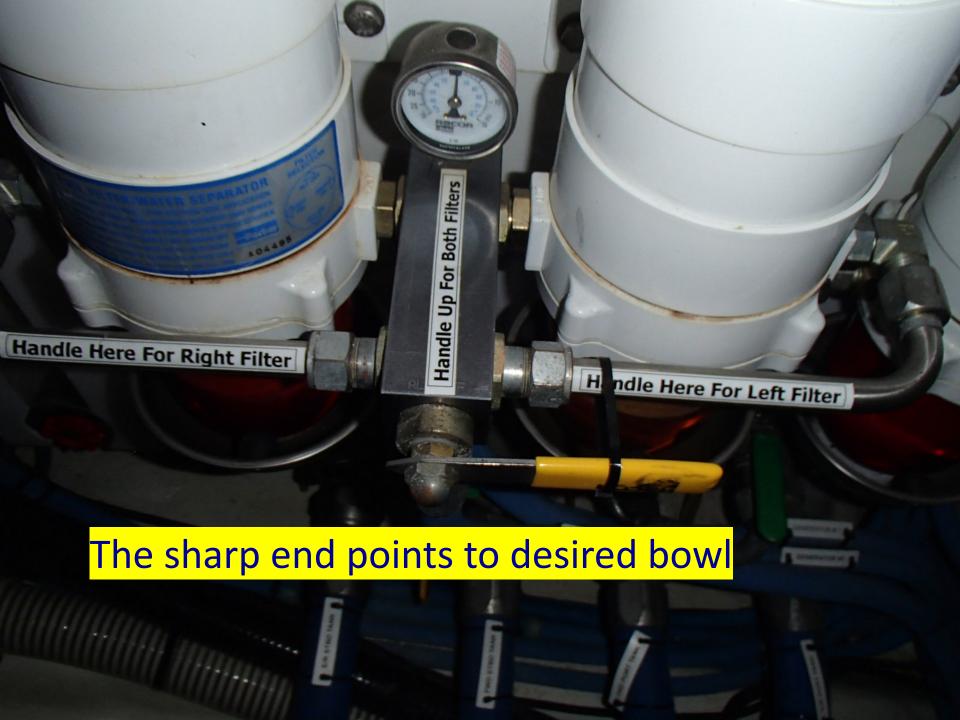


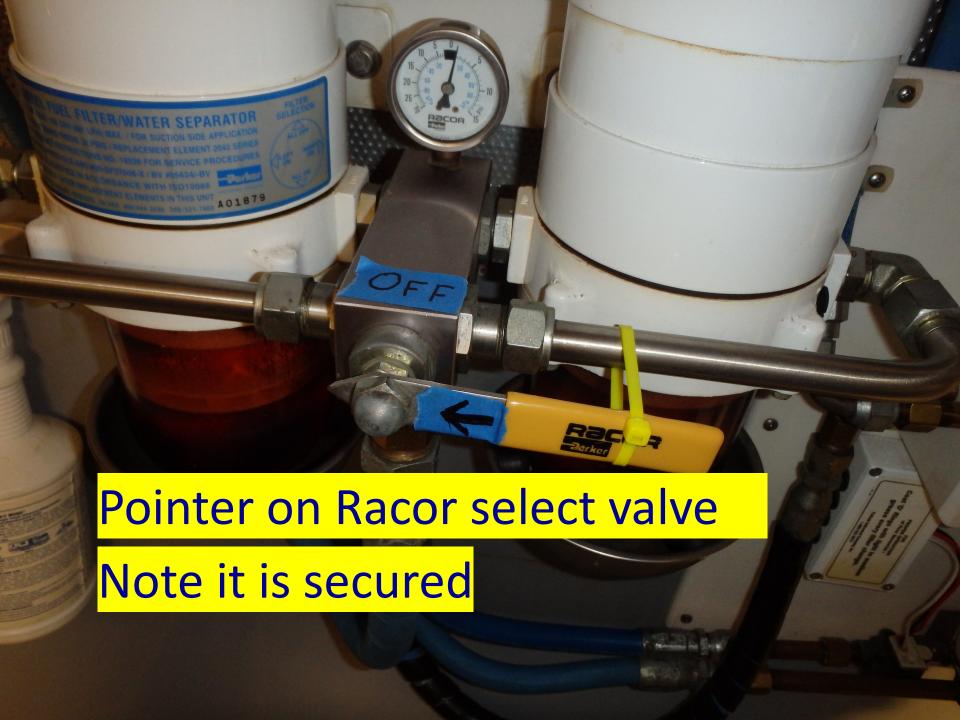












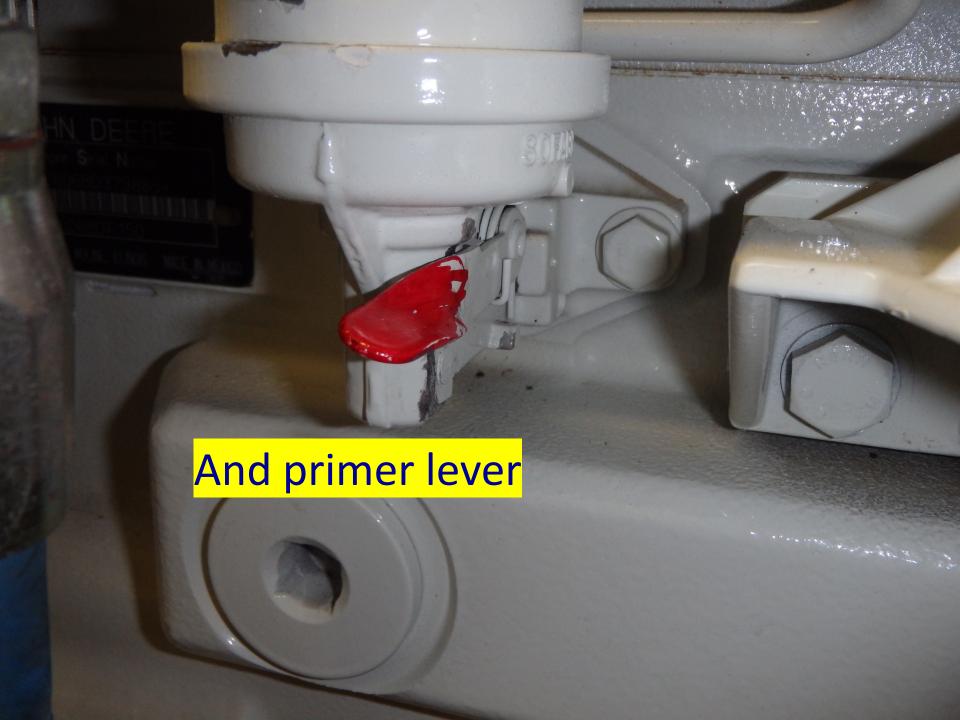






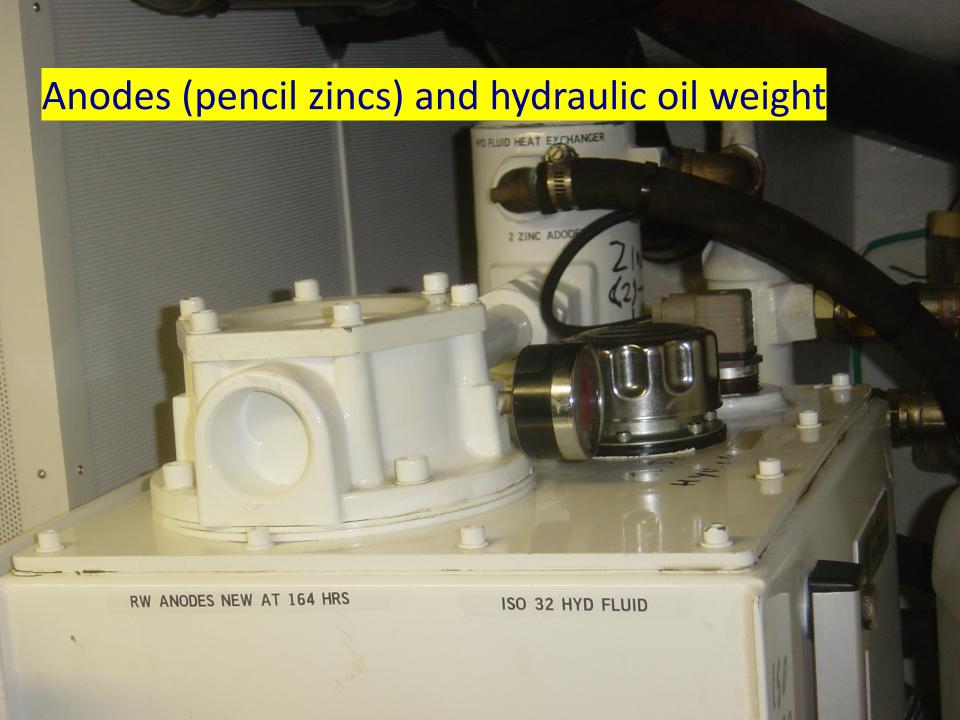


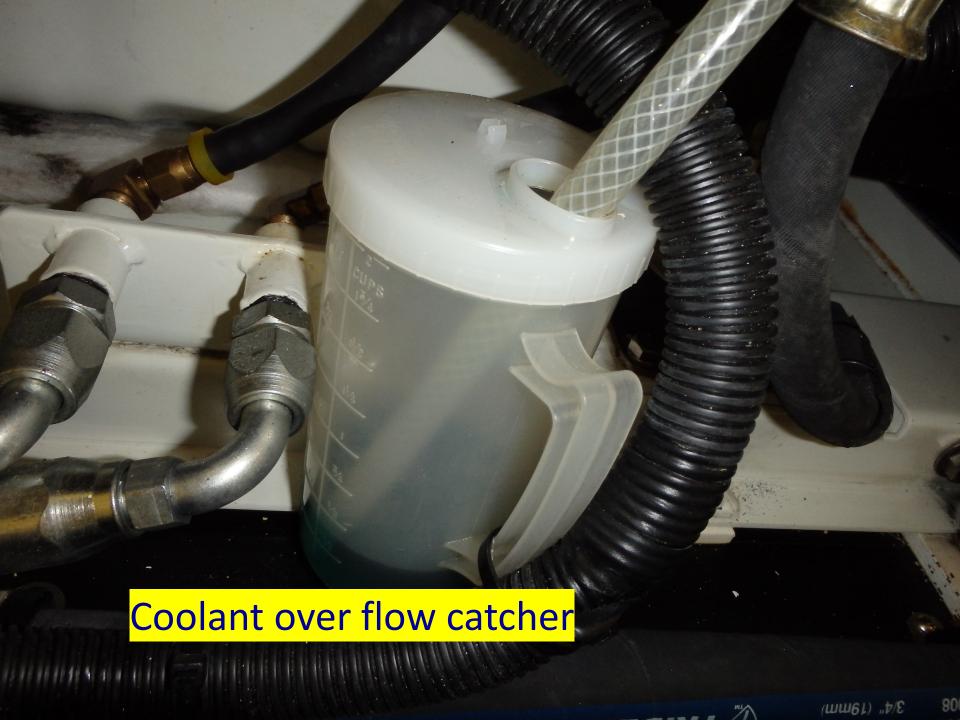












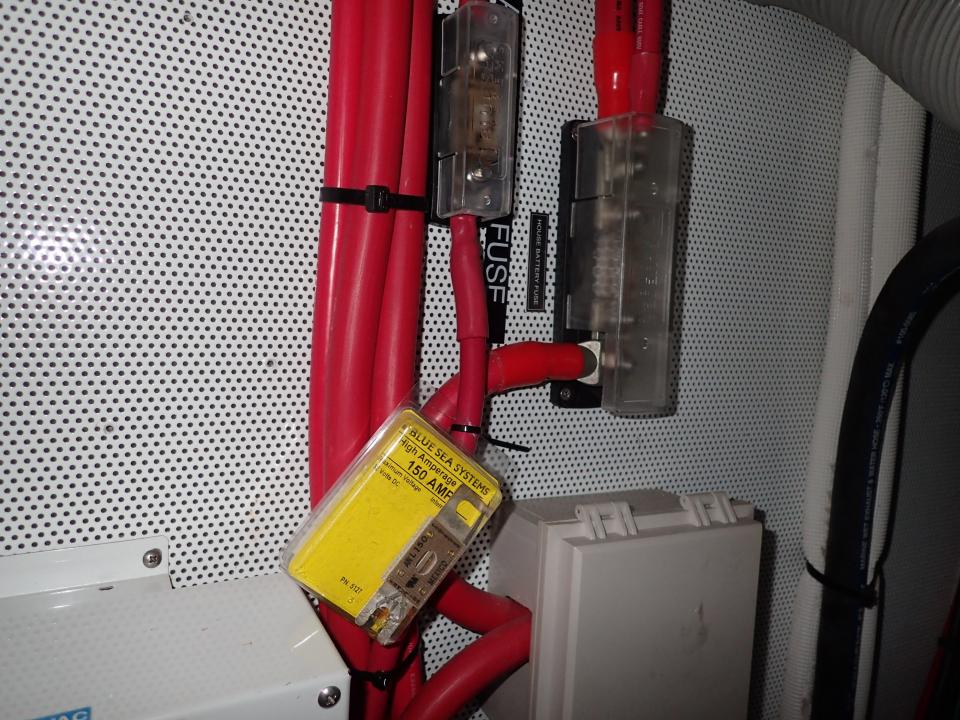


Label filters to track changes





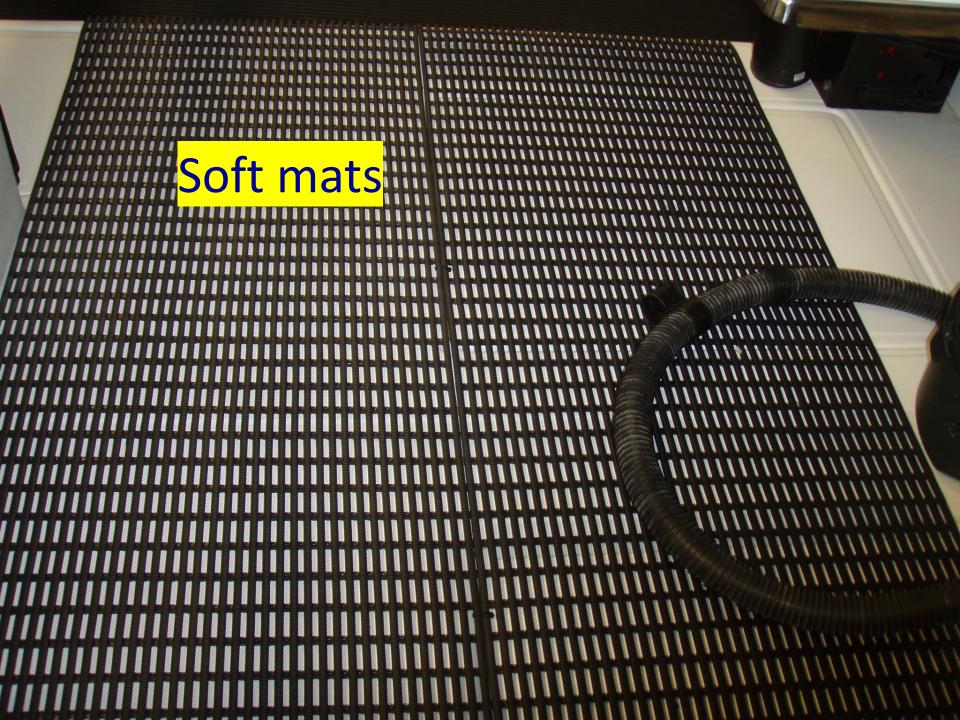






















Get out there and have fun!





PS - I am always on the hunt looking for other ideas, if you have any recommendations please let me know.

Email: Jeff@JMYS.com

