Dialing In YourTrawler

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
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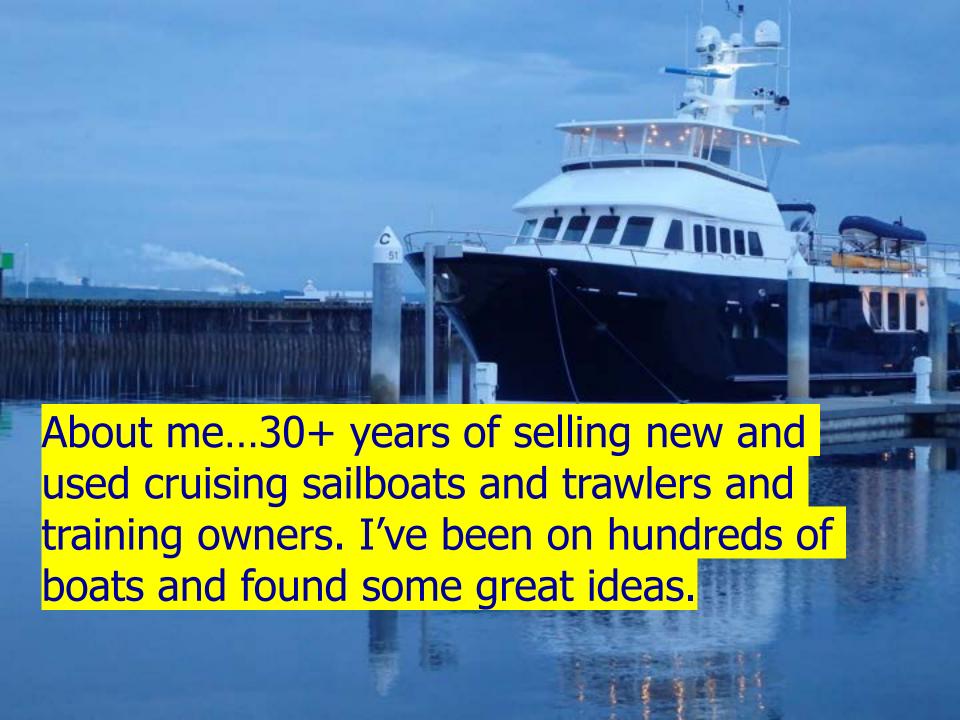
Racing sailboats led to this course

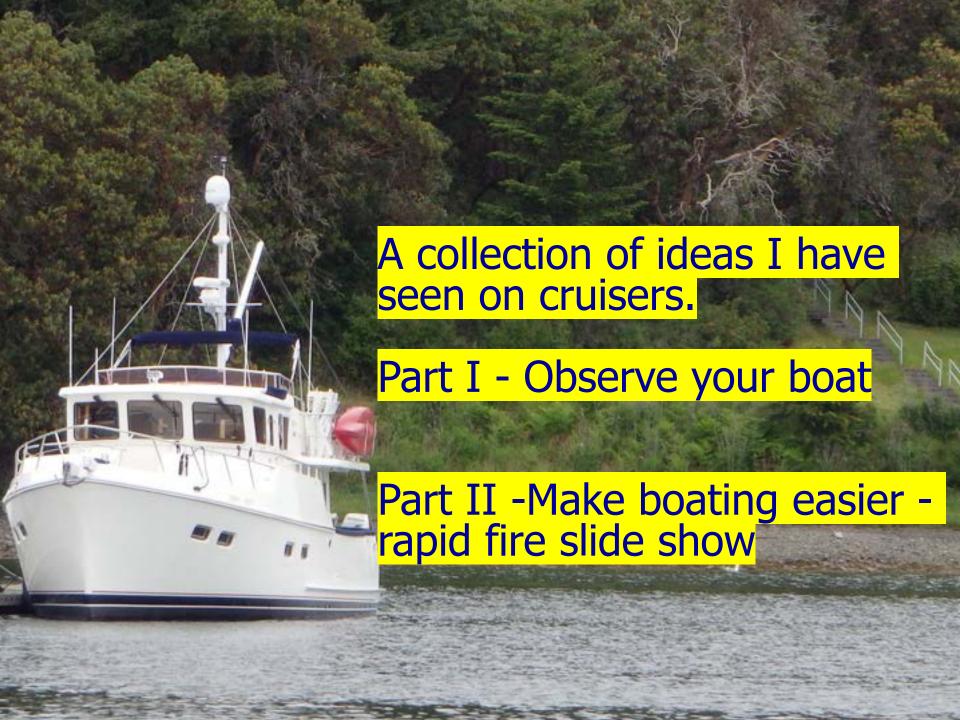


Friday September 26, 2025

Pilothouse – Gauge Reference My first power boat "AHA"





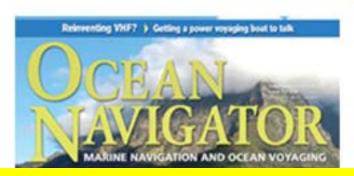






ialing-In-Your-Trawler articles Jeff Merrill has written are available







TRAWLER

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

Dialing-in-your-trawler articles - the series

There are over two dozen articles in the "Dialing-in-your-trawler" series so far. Each article has been published in *Ocean Navigator* magazine.

You can read the articles on the *Ocean Navigator* website, "Power Voyaging" section All articles are also archived on JMYS.com -|- Trawler Lifestyle section -|- Ocean Navigator

Here is a summary of the article titles:

Dialing in your trawler

Engine Essentials

Anticipating Anchoring

Steering Straight

Wanderers Water

Dinghy Dynamics

Night Running

Sea Safety

In Charge - 12V DC

Keeping Current - 120V AC

Fuel to Burn

A Trip to the Engine Room - part 1

A Trip to the Engine Room - part 2

Spare Parts - part 1

Where are you most vulnerable? - Spare Parts - part 2

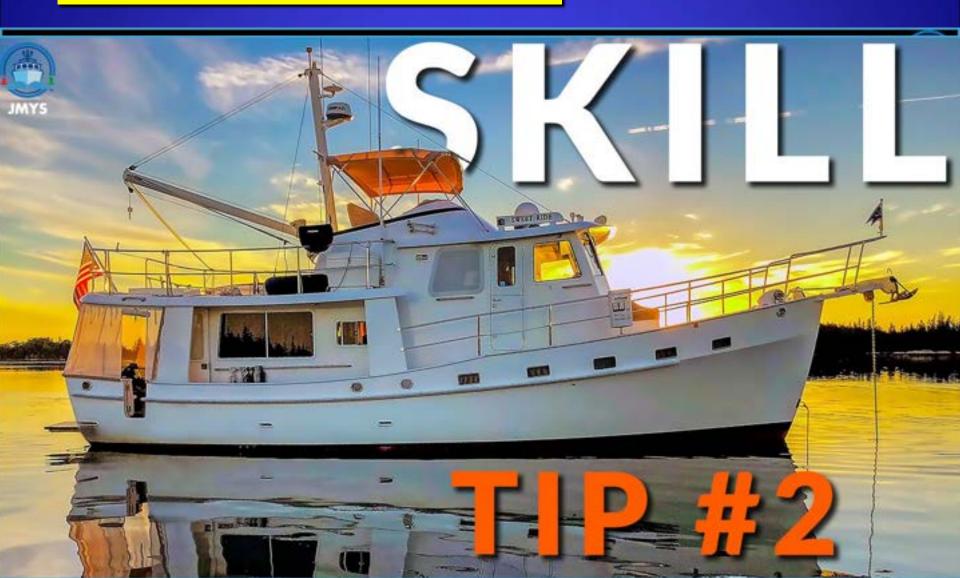
Expert Instruction From The Brands You Trust.

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

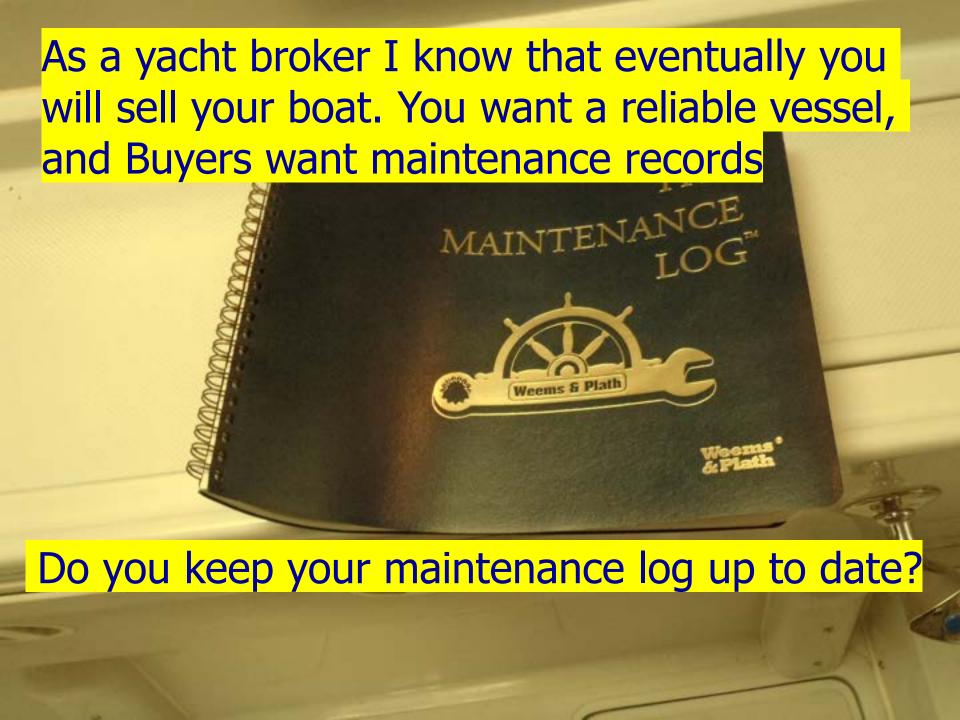
Every vessel has a number of components that require attention and observation, we are all "in the same boat"

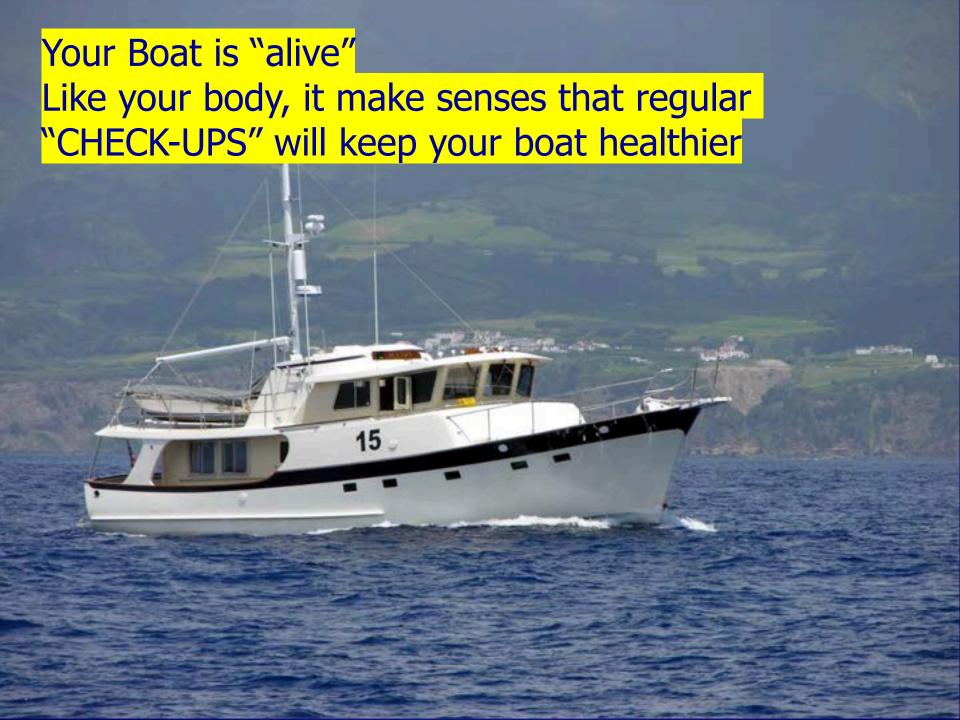
Noticing details will help you monitor your systems and better understand your boat.

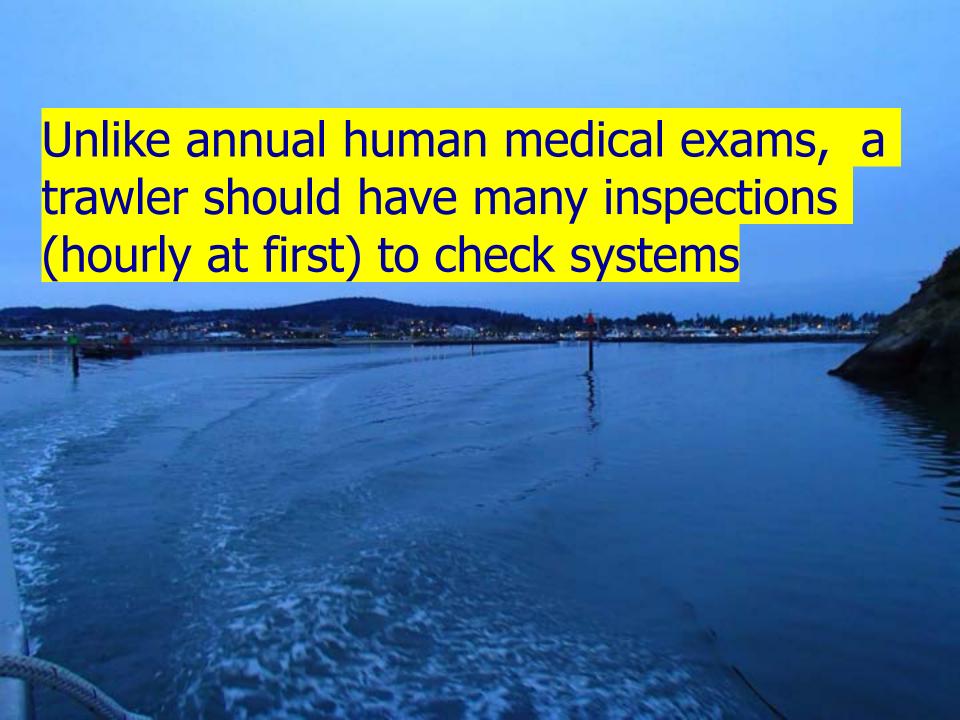
I will post this PowerPoint as a PDF and include the handouts on www.JMYS.com within a week.

Please interrupt with questions

Sign up list for email notification.



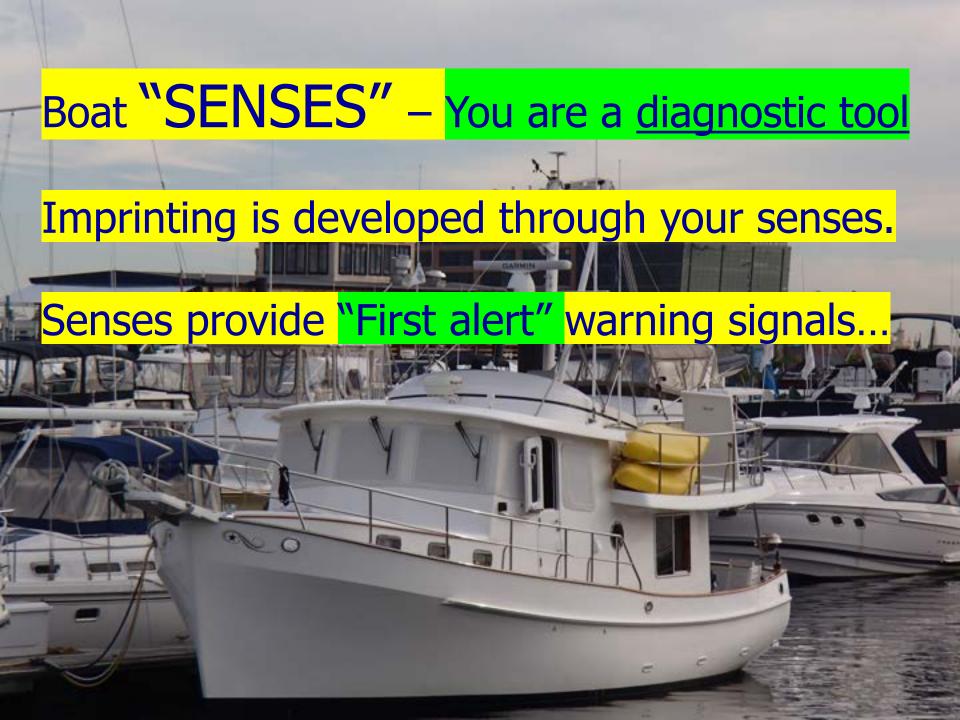




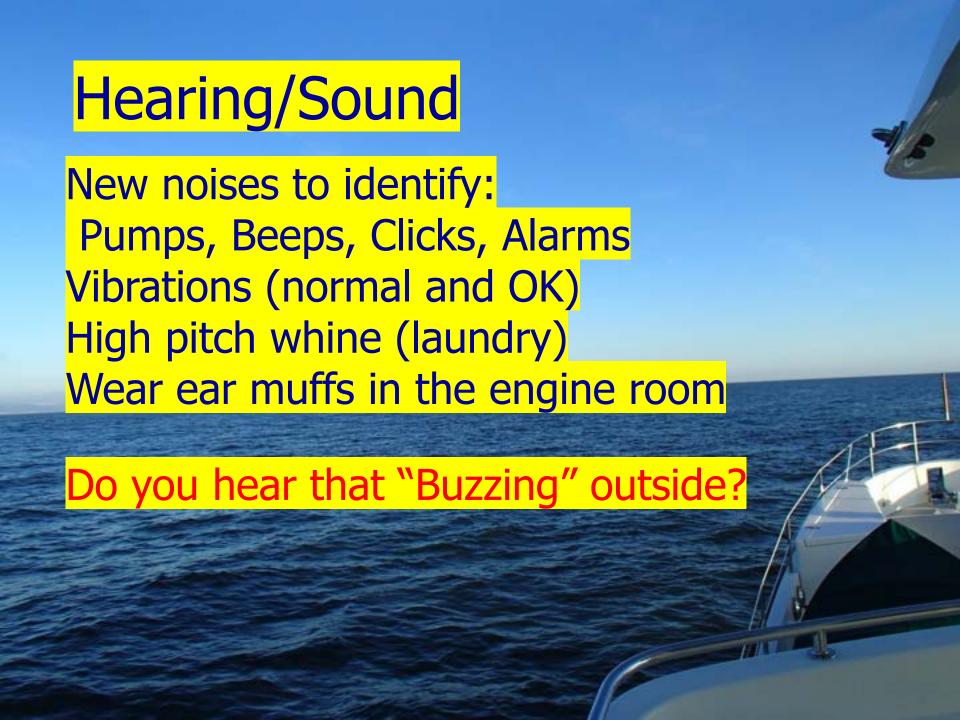
Be observant and pay attention

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

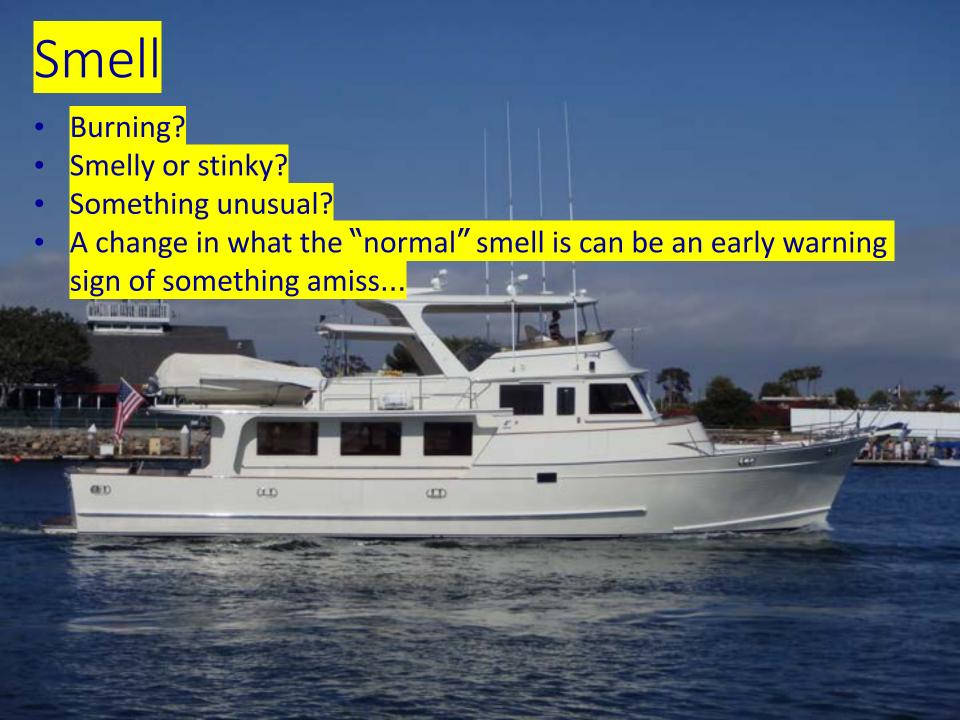










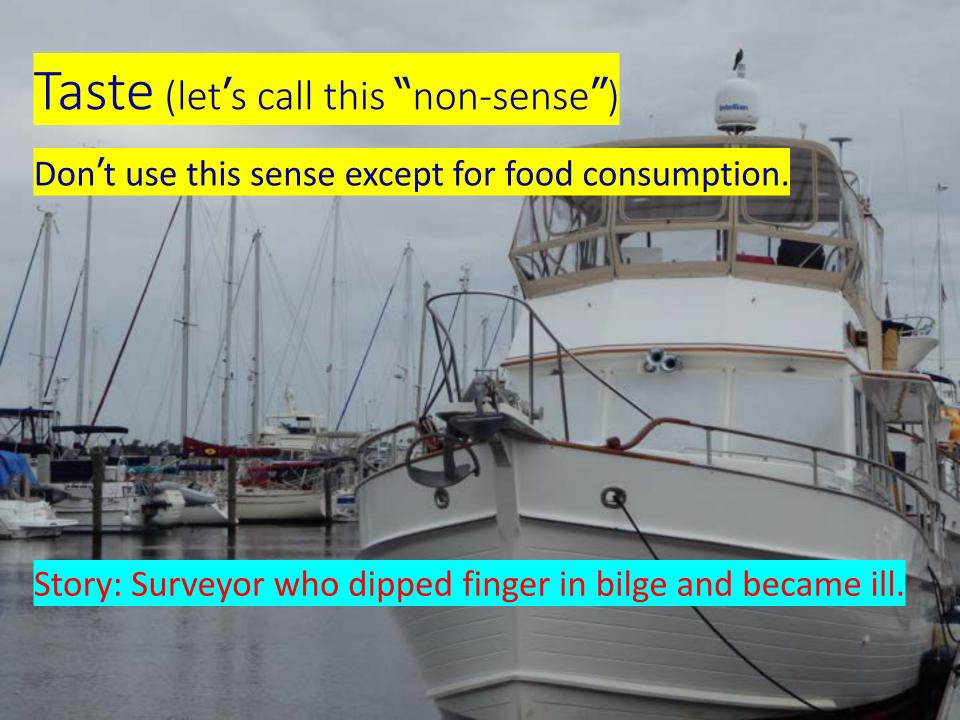


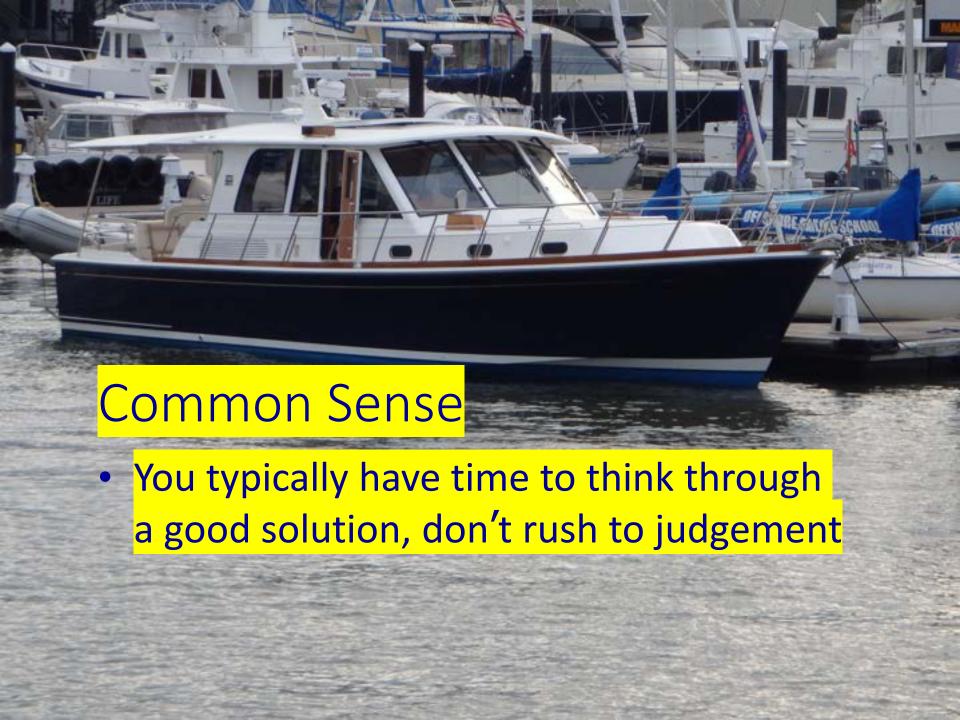
Touch (and what not to touch)

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





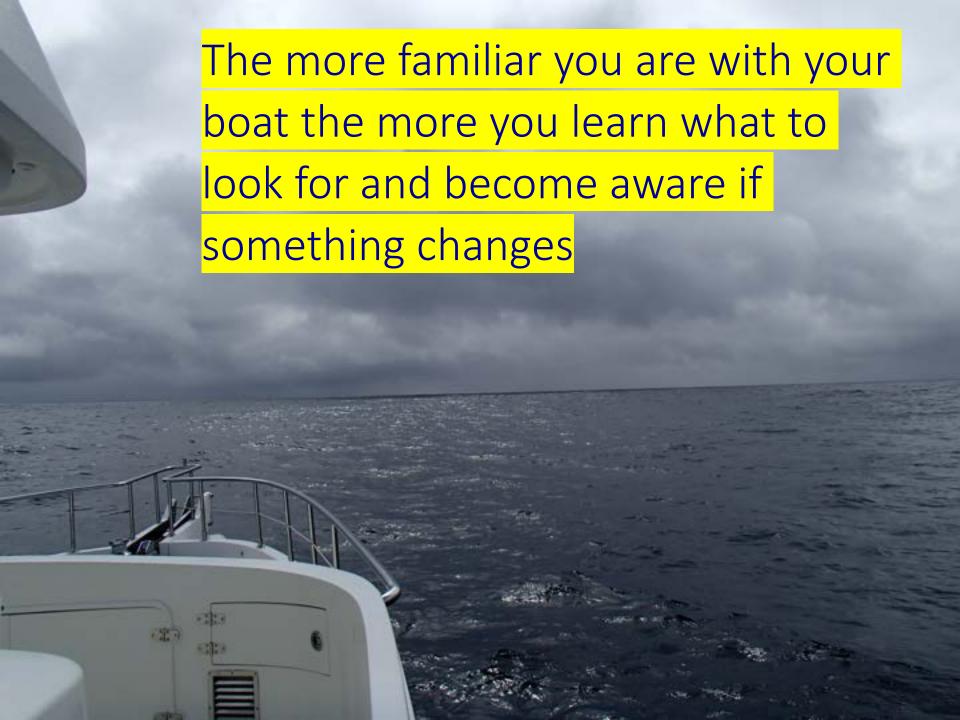


GET YOUR BOAT ON TRACK

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?



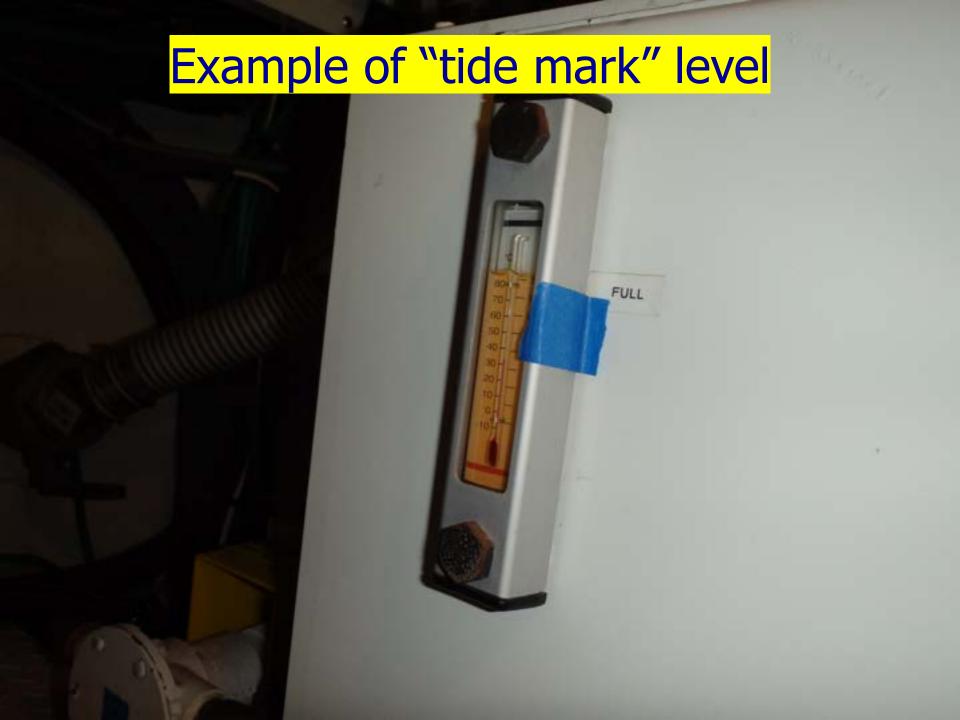
What other temperatures should you record?

- Stuffing box
- Engine coolant









Learn the "INS"...



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



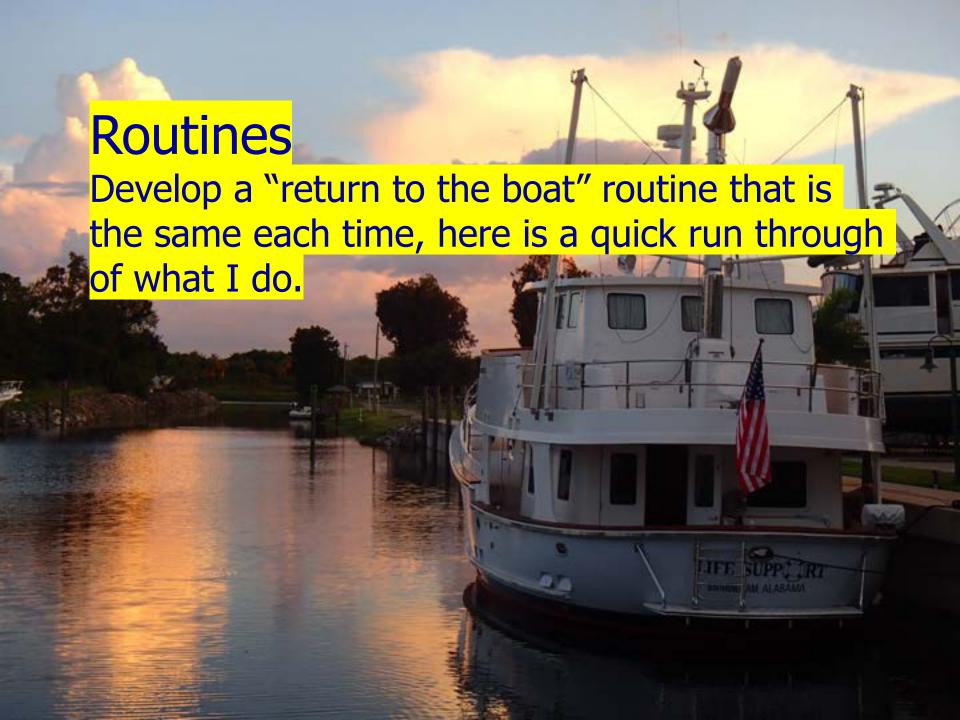
Get a Label Maker and use it!



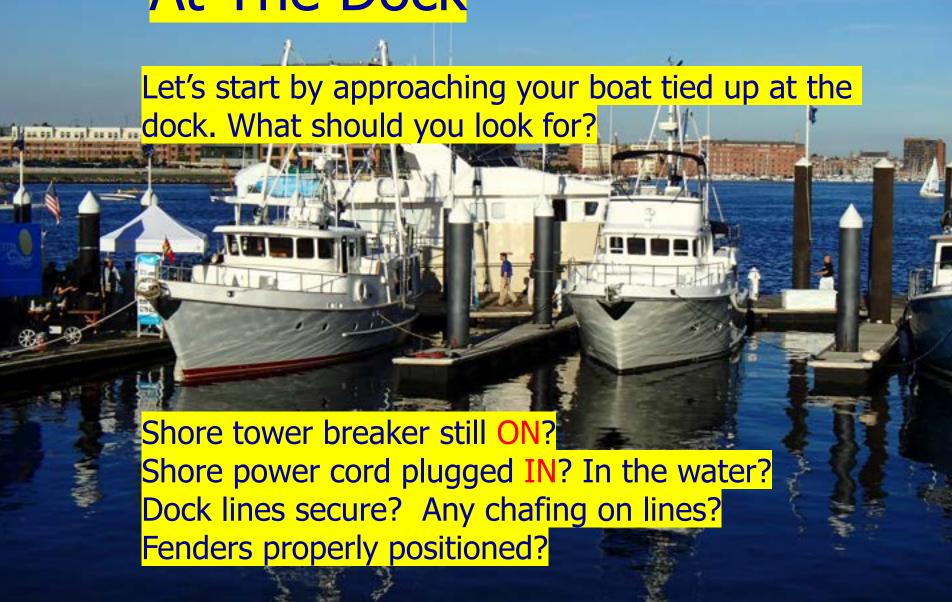






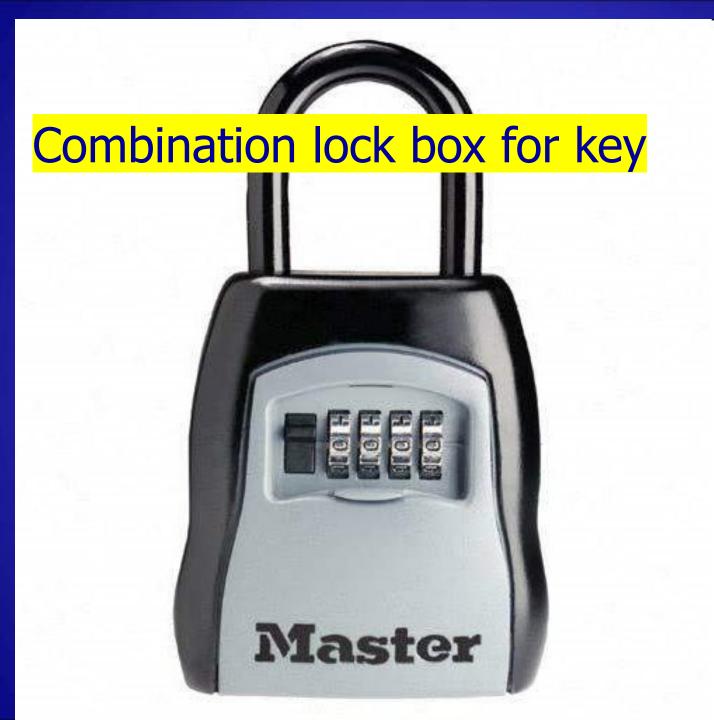


At The Dock









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?





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



VESSEL SAFETY CHECK (VSC)

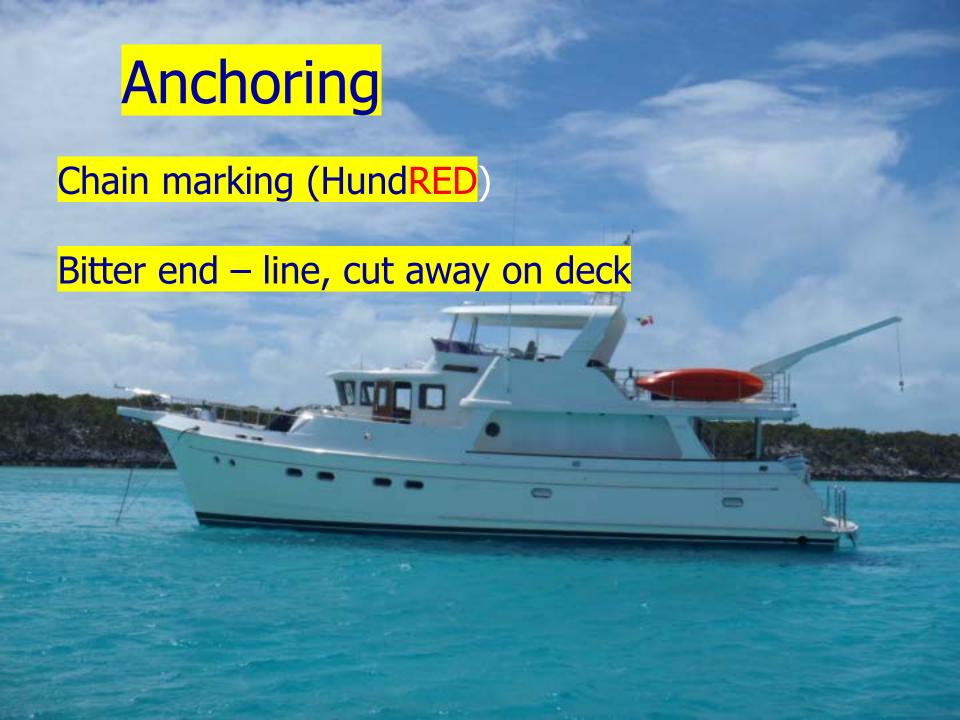
To be completed by a U.S. Coast Guard approved Vessel Examiner. See the back of this form for a brief explanation of required items. A Federal Requirements pamphlet is also available.

Date of VSC: _	
Date of VSC: _ Decal Awarded:	Yes 🗆 No 🗆

Owner/Operator Name: Owner/Operator has attended a CGAUX, USPS, State or Boating Safety Class: Yes _ No _ Location of VSC - County: State: Replaced decal was: Last Year _ Outdated _ First time _		VESSEL INFORMATION: Registration or Documentation Number: HIN: Length: <16				
VESSEL SAFETY CHECK DECAL REQUIREMENTS			RECOMMENDED AND DISCUSSION ITEMS (While encouraged, items below are not VSC requirements)			
Item	Yes	No	N/A	Item	Yes	No
1. Display of Numbers			1	I, Marine Radio	(N. S.)	NE
2. Registration/Documentation				II. Dewatering Device & Backup	100	39.0
3. Personal Flotation Devices (PFD)				III. Mounted Fire Extinguishers	19	
4. Visual Distress Signals (VDS)				IV. Anchor & Line for Area	12	
5. Fire Extinguishers				V. First Aid and PIW Kits (**over)		100
						_







Hund-RED's

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ANCHOR CHAIN
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Chain color coding by windlass control









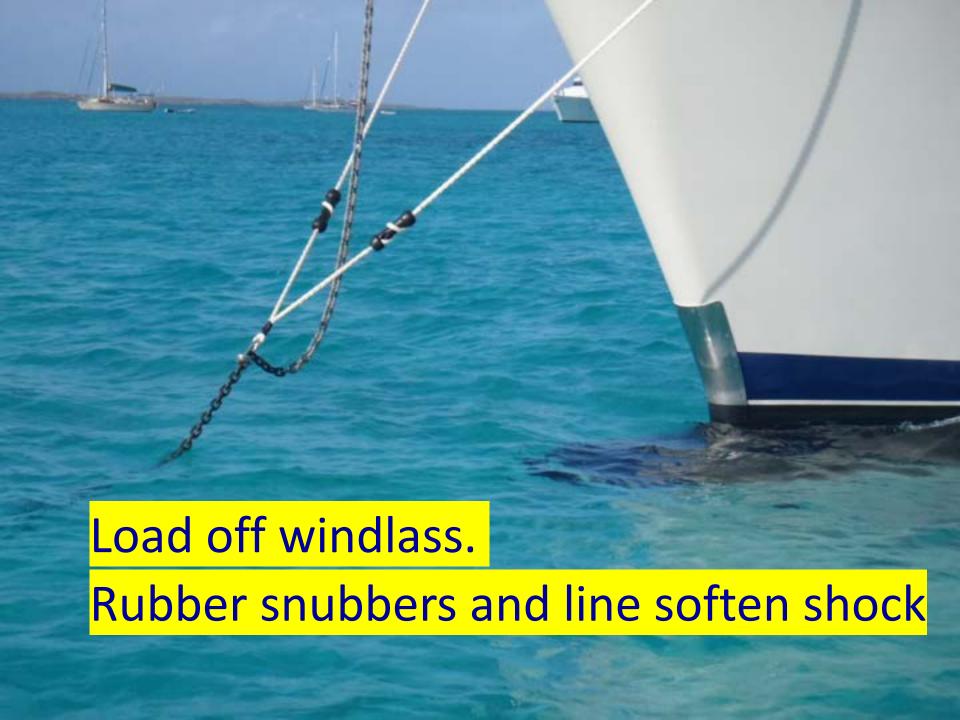
ANCHOR CHAIN

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







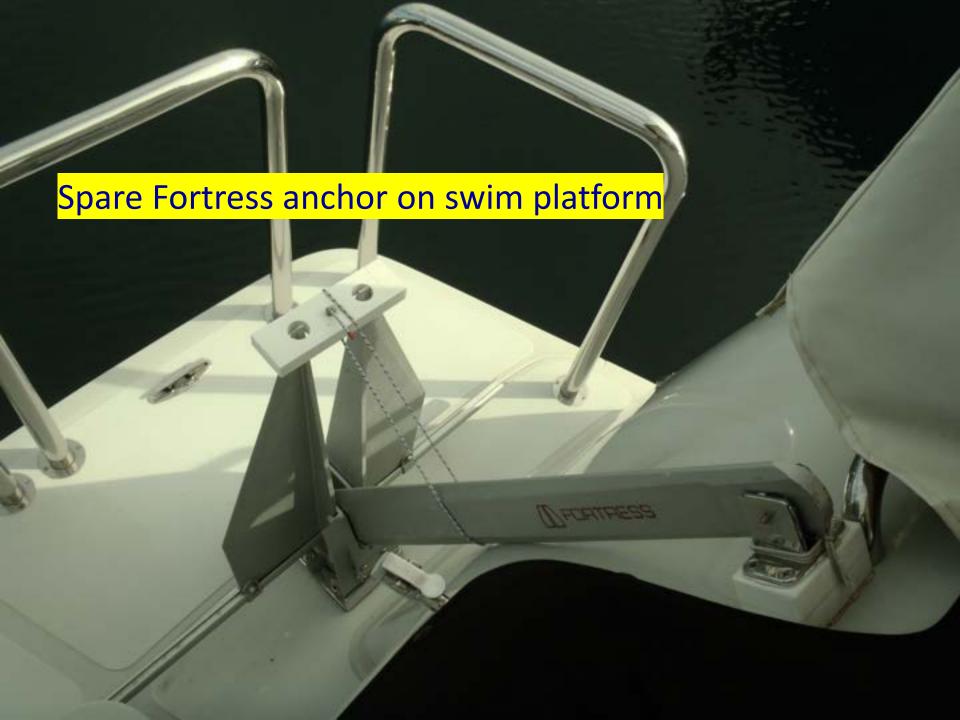




Stop Slop

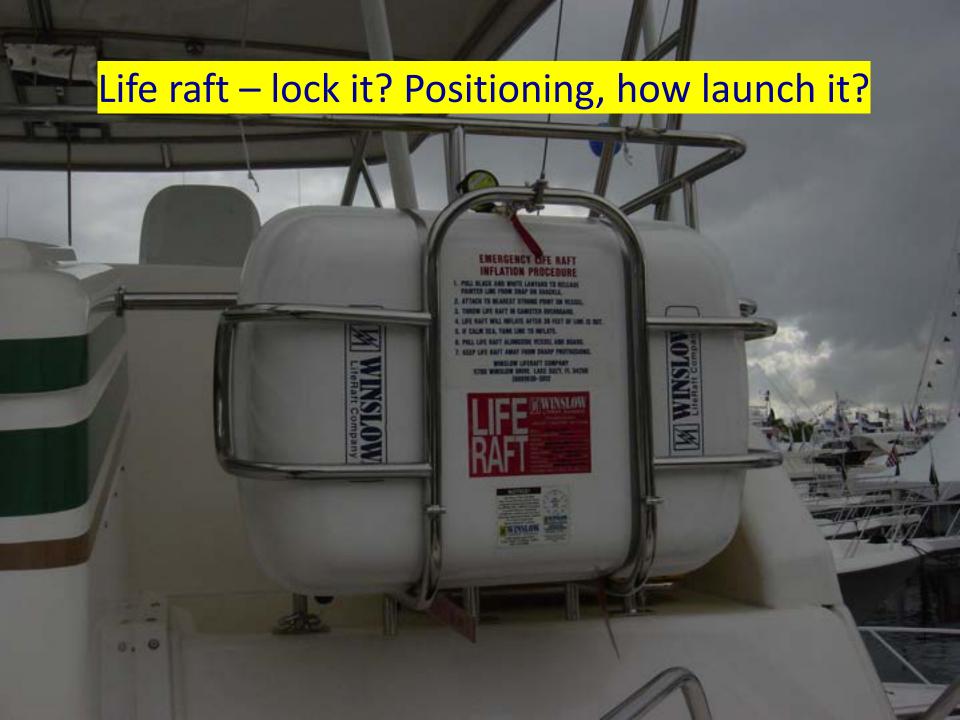




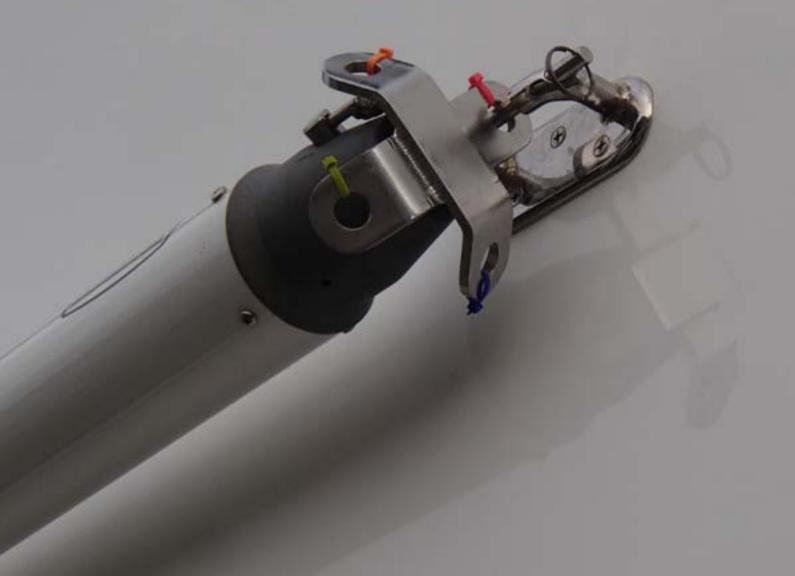








Flopper stopper – color code line attachments



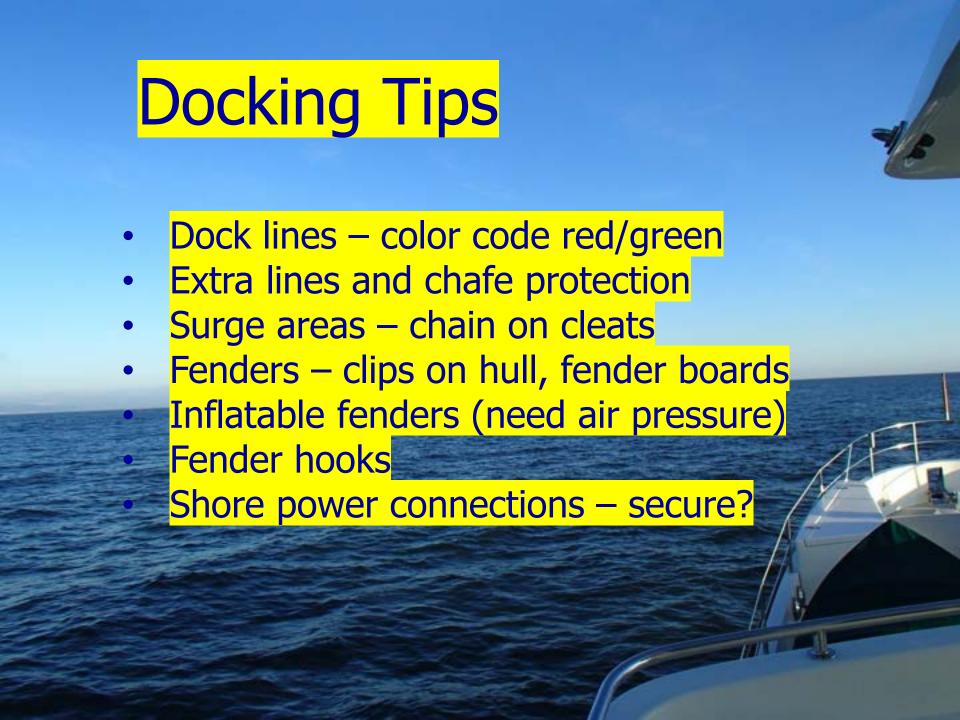












Color markings or numbering of dock lines

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





Folding pad eye for clipping on fenders











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

Nordha	vn 55	Main Engine Maintenance Log	THE RESERVE TO SERVE THE PARTY OF THE PARTY	
1300	19 10 15 15	John Deere I Lugger L1276A.2C/MG5091SC Serial # 1271-2708 :340 HP @ 1800 RPM		
18.5		Fuel, Coolant (brand and gallons) Filters (air, fuel oil), Belts,		
Del		Zincs, Oil Changes	Service contact:	
10.00		Engine mounts, drips/leaks		
		Engine mounts, shaft, stuffing box, shaft brush		
Main Er	ngine Servic	e records		
	- Inc		Comments	
Date	Hours	Project	Comments	
The same				
Note - c	reate a sep	arate maintenance page for ALL major equipment:		
		Black holding Toilets		
GT 5457 F	717	Crane or Davit		
200		Engine 2 (twin or wing)		
1000	10000	Fuel Log		
magni	2 Ver	Fuses and Breakers		
200	0 0 550	Generator (s)		
Alle De	A Bridge St.	Haul out		
-00-		Hydraulics		
-		Laundry		
6000		Lube oil		
TO COME	1	Main Transmission		
Bay Terr	Sally of	Shaft, stuffing box, propeller		
terrior.	The state of	Stabilizers		
0/00/20		Steering		
MINE.	135000	Tender and outboard		
1 10	The same	Thruster(s)	TO PROPERTY OF THE PARTY OF THE	
200	JE WILL	Watermaker		
	100	Windlass		
1936	PRINCE IN	Zincs		

Maintenance Log - Records

Note all purchases and upgrades
Keep receipts
Track oil changes and all service repairs

This collected information is an important record and doubles as a sales tool when you are ready to sell your boat

Handout*

Steve D'Antonio and Jeff Merrill Maintenance List

We will take a 5 minute break

Maintenance Guidelines and Recommendations

Engines and Generators

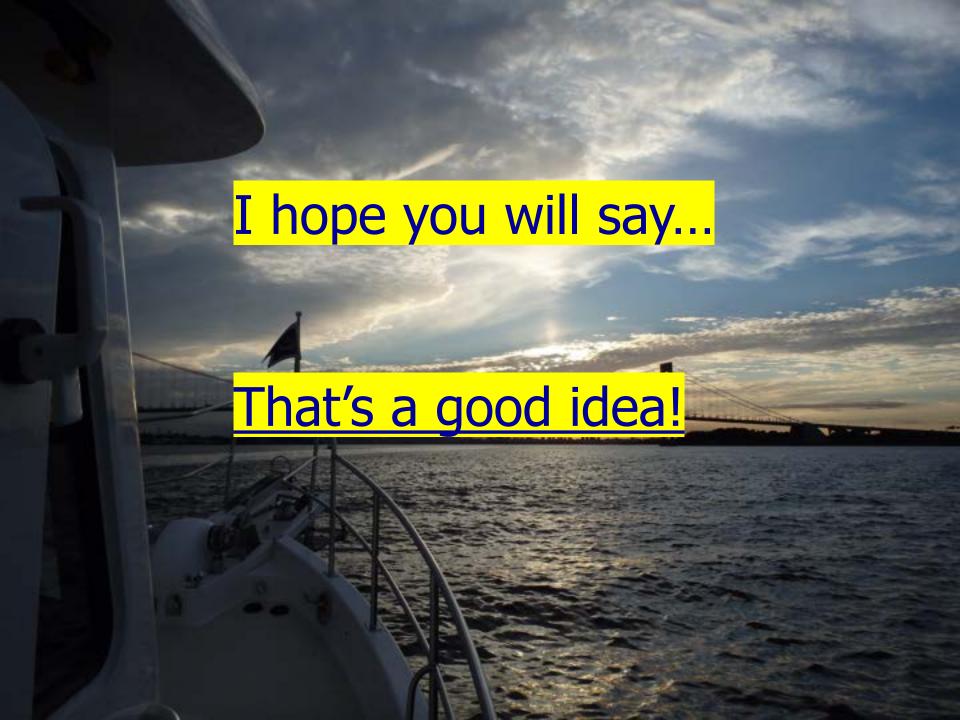
- Check engine oil, transmission fluid and coolant daily/before each use
- Change oil and filters seasonally or every 200 hrs. whichever comes first
- Change primary and secondary fuel filters seasonally, or if vacuum exceeds 5 in.
 hg. All primary filters should be equipped with vacuum gauges, see
 https://www.proboat.com/the-vacuum-gauge-tool.html for more on vacuum gauge
 selection, installation and use.
- Adjust valves per engine manufacturer's requirements (typically every 1000-2000 hrs.). http://www.cruisingworld.com/how/keep-valve-train-track
- Check belts monthly, replace every two years.
 http://www.cruisingworld.com/how/orderly-transfer-power
- Check/replace air filters as needed. These should be equipped with vacuum monitors. See http://stevedmarineconsulting.com/fuel-and-air-filter-service-protocols/
- Pressure test cooling systems annually.
- Flush and refill cooling systems every two years or 1000 hrs. whichever comes first. Coolant should be analyzed annually.

http://stevedmarineconsulting.com/photo-essay-may-2015/

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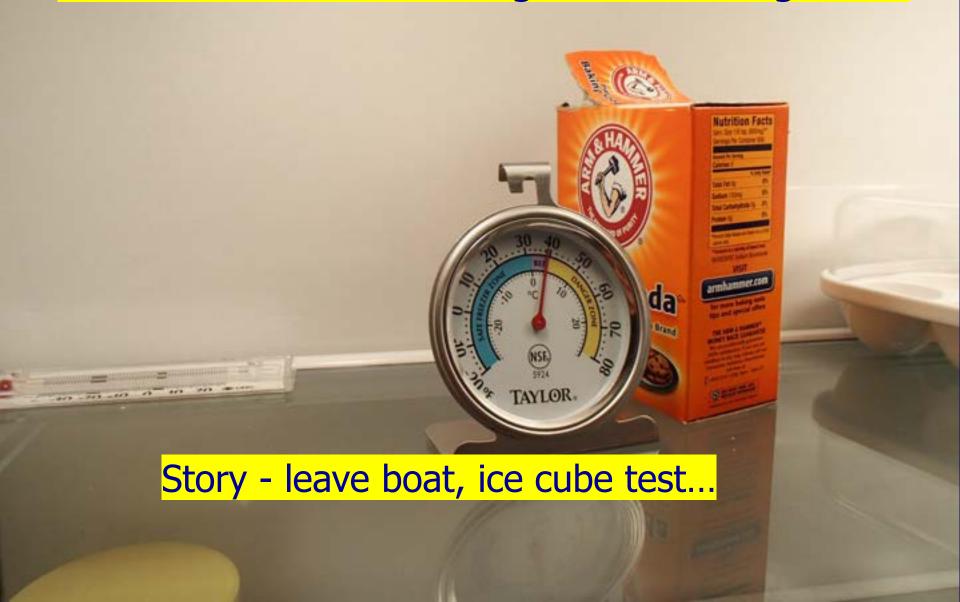




Refrigerator organization – bars and tubs



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



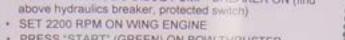












- · PRESS "START" (GREEN) ON BOW THRUSTER KEYPAD, pump will whine and discharge sto'd, side, aft
- · PRESS 'STOP' (RED) ON KEYPAD WHEN BILGE IS EMPTY: Repeat as necessary while locating water entry.









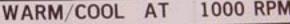




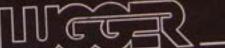


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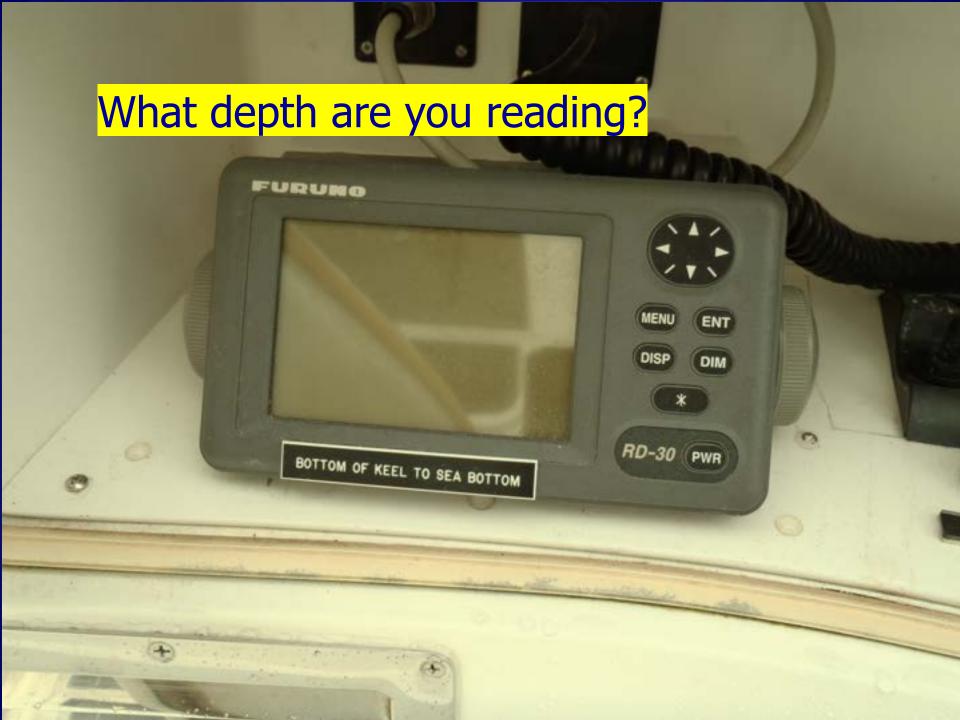






M.V. JODA

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

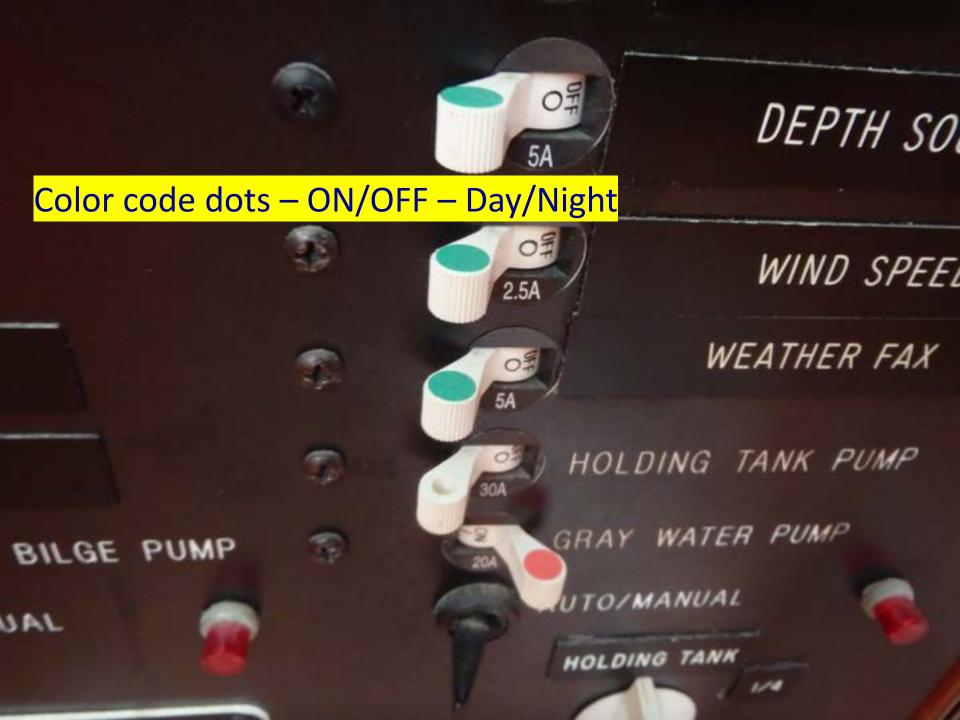
2 WHISTLES

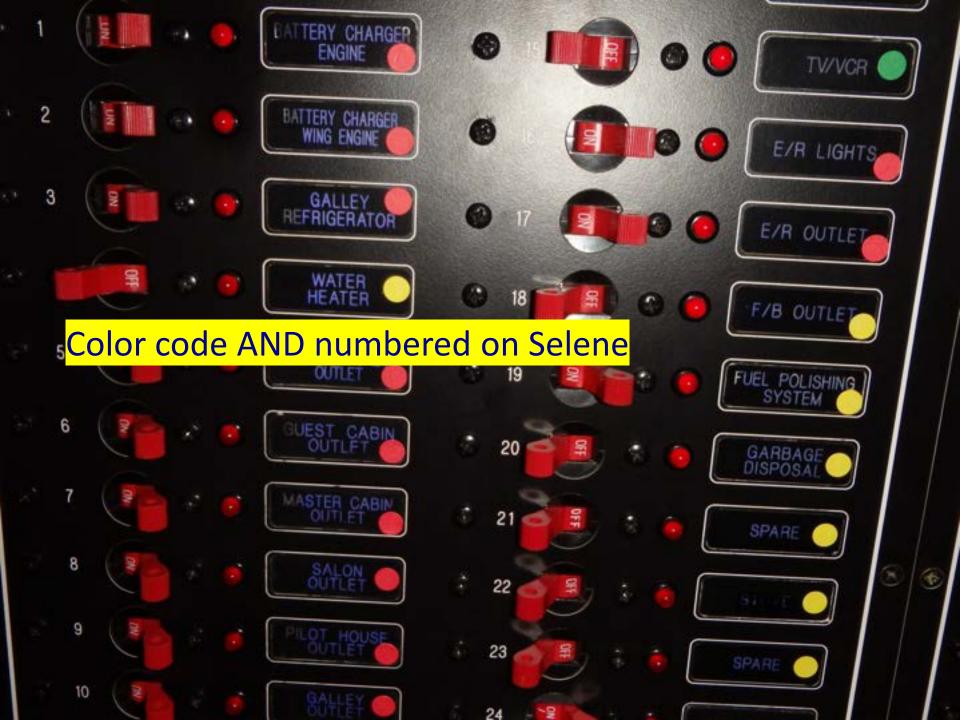
HEAD ON STBD TO STBD

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

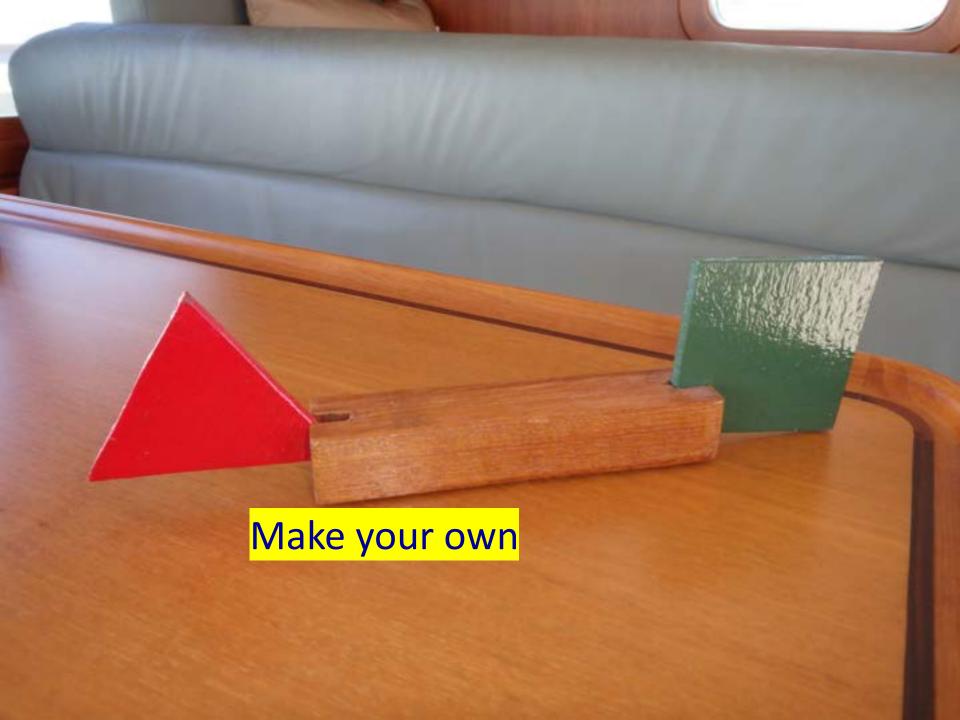






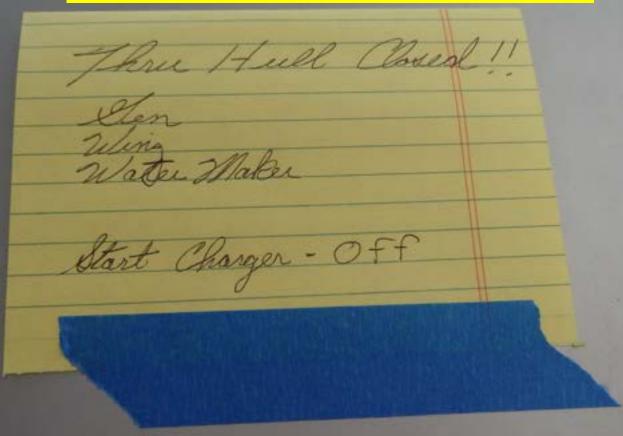






When you depart,

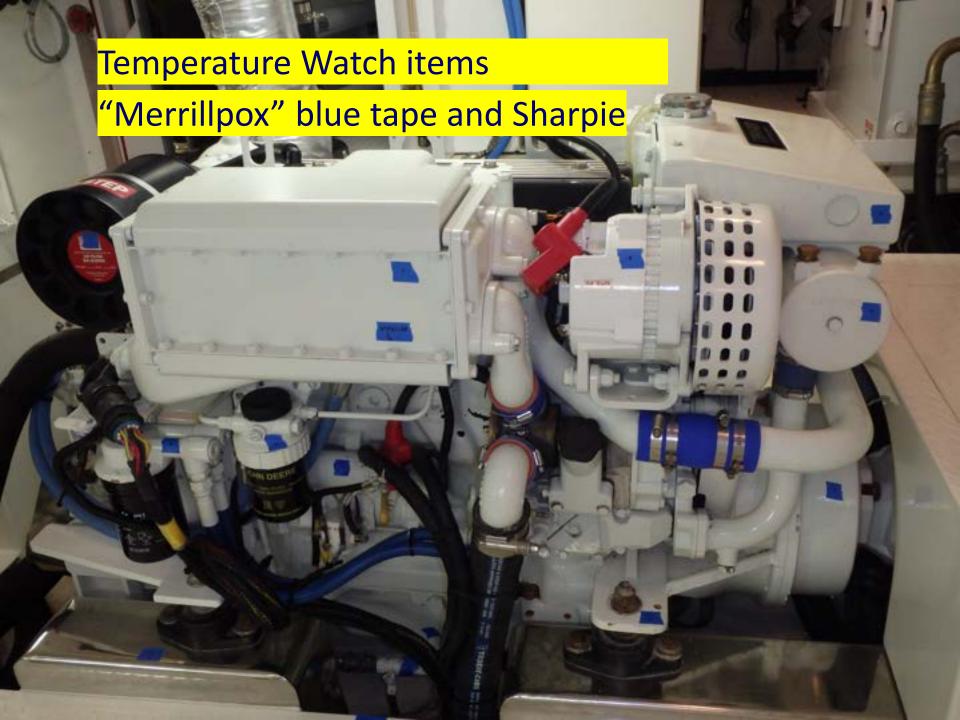
leave yourself a reminder...



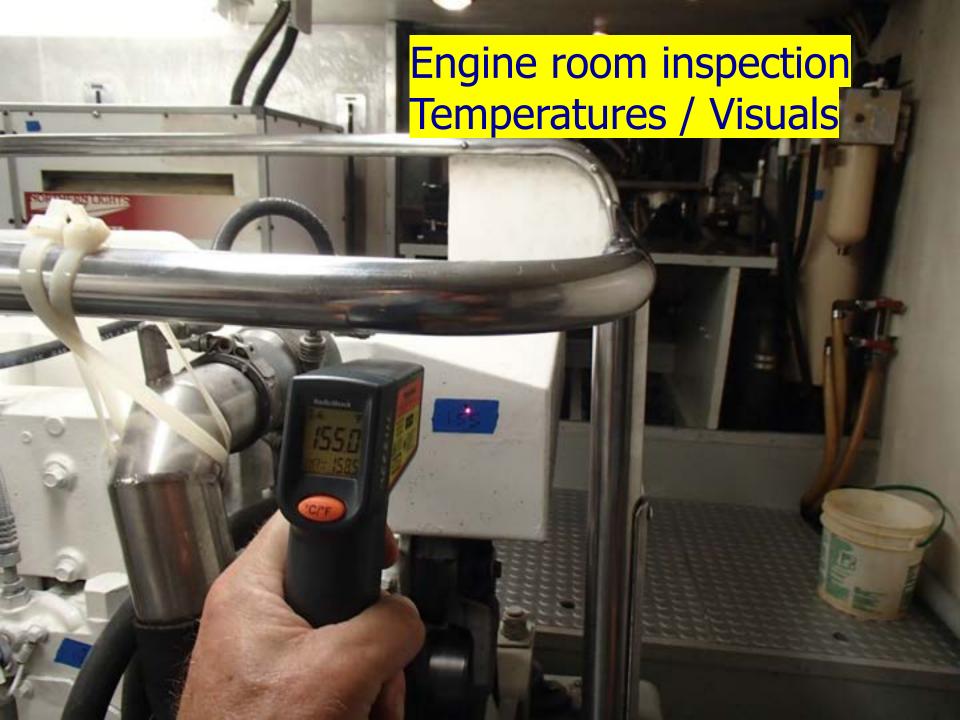


Infrared Temperature Gun









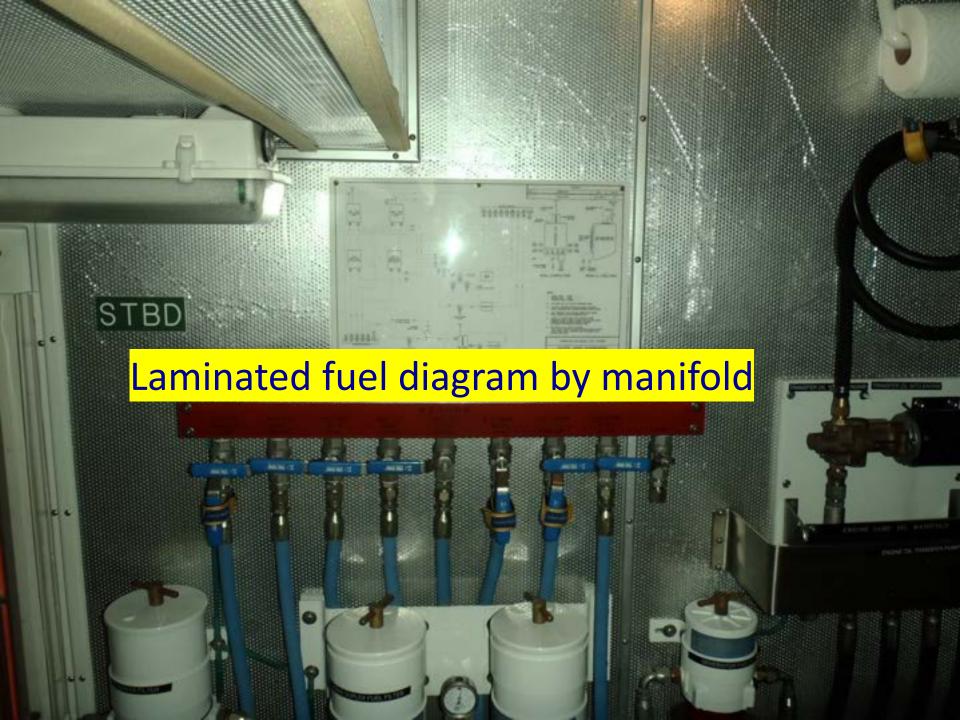


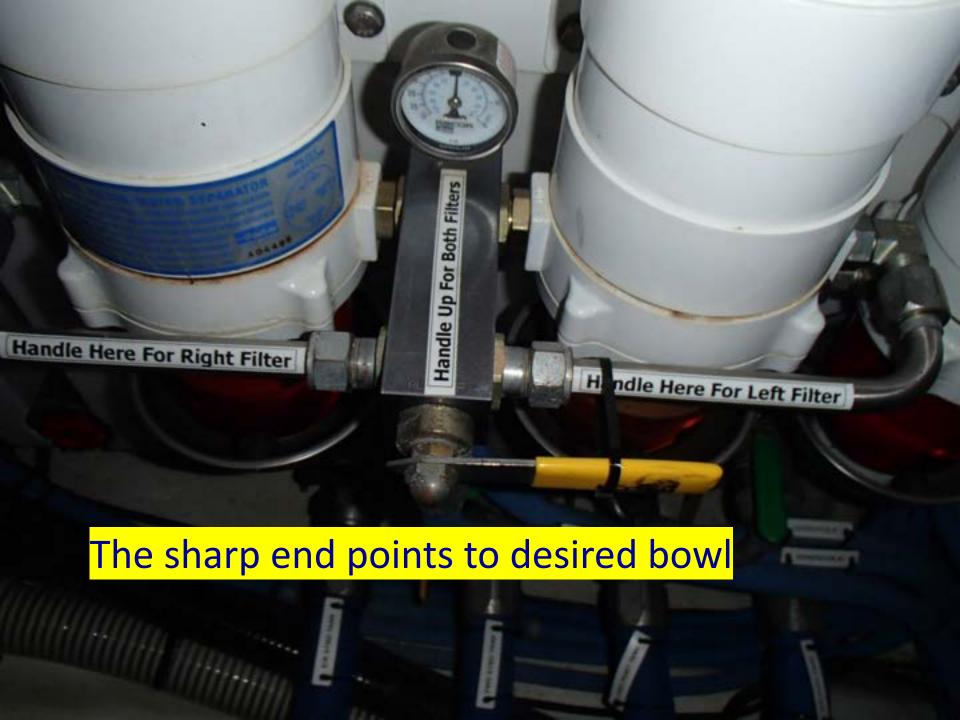


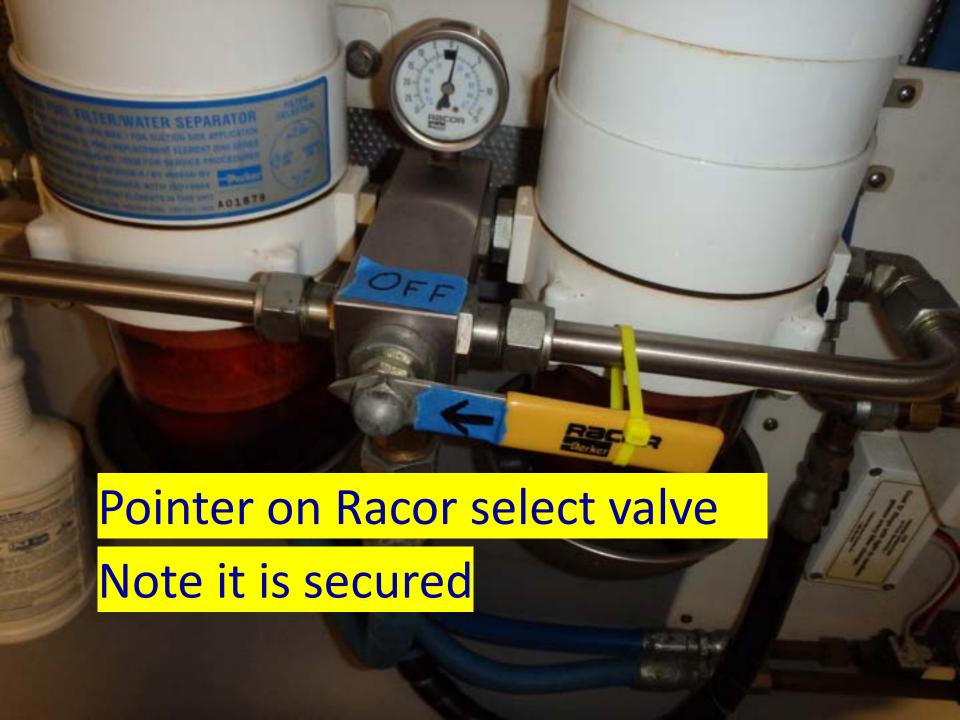




















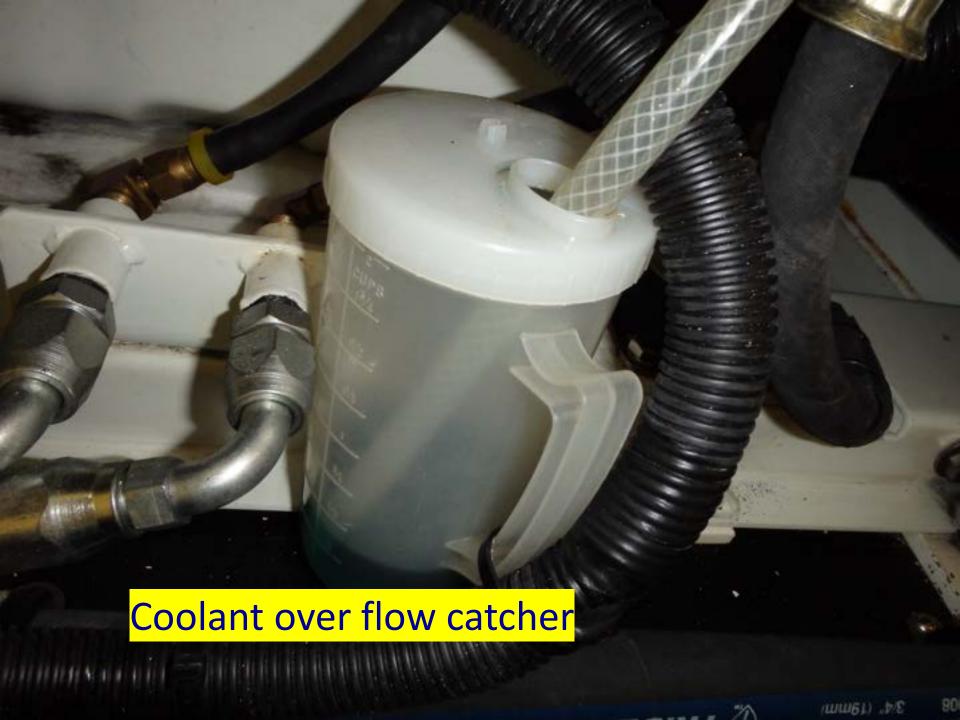














Label filters to track changes





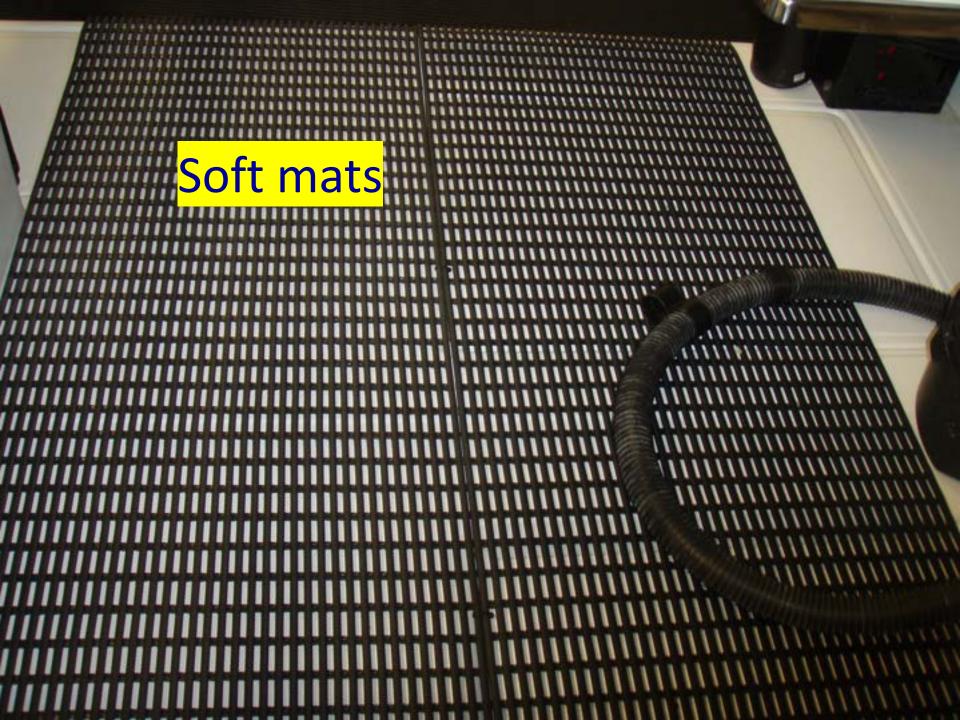
























Get out there and have fun!



Questions? Other ideas?

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

Email: Jeff@JMYS.com

