

# Dialing In Your Trawler

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

Trawler  Fest.

BOAT SHOW - EDUCATIONAL EXPERIENCE - RENDEZVOUS

by Jeff Merrill, CPYB  
© 2024 all rights reserved

Racing sailboats led to this course

**Trawlerfest**

BOATSHOW • EDUCATION • RENDEZVOUS

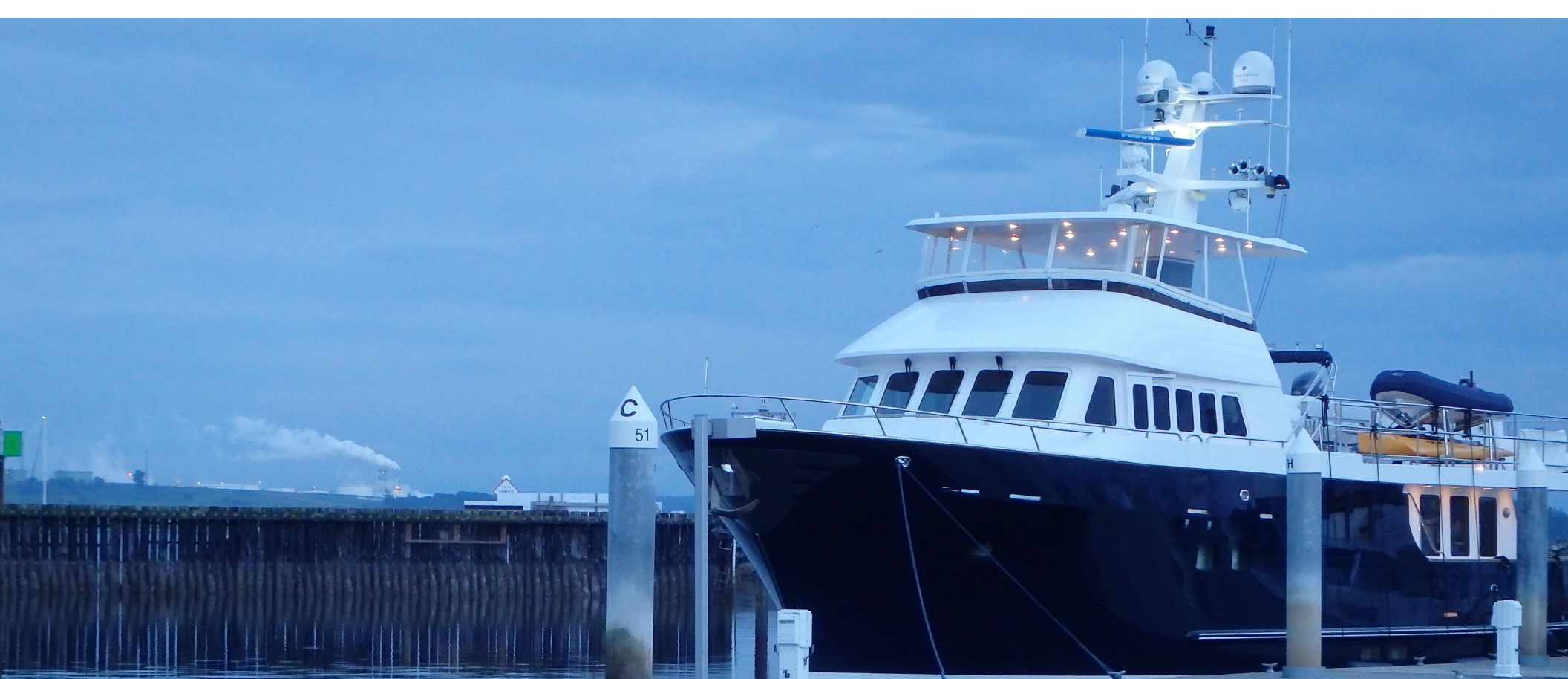
**Wednesday February 28, 2024**

# Pilothouse – Gauge Reference

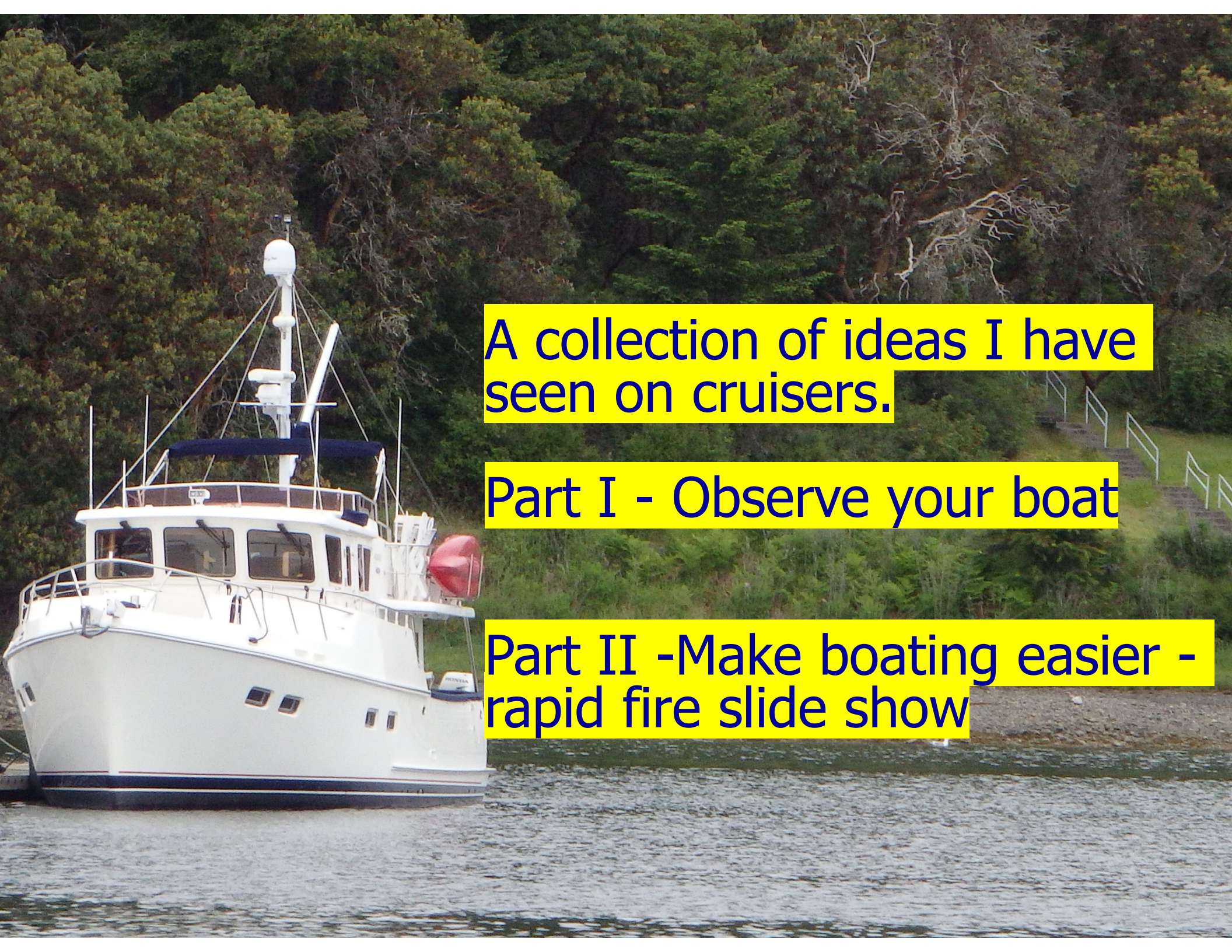
## My first power boat "AHA"



4408 (MRTD)  
Rev. 1-2009



About me...30+ years of selling new and used cruising sailboats and trawlers and training owners. I've been on hundreds of boats and found some great ideas.



A collection of ideas I have seen on cruisers.

Part I - Observe your boat

Part II - Make boating easier - rapid fire slide show

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](http://www.JMYS.com) within a week.

Please interrupt with questions

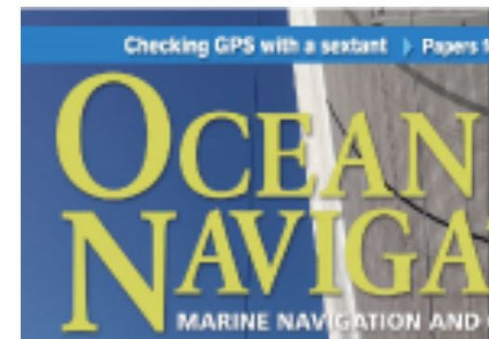
Sign up list for email notification.

# EMBEDDED HANDOUTS

- Summary Dialing in Your Trawler articles
- USCG inspection Vessel Safety Check
- Maintenance Log - Main Engine
- SDMC / JMYS Maintenance Guideline



...ing-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 Papers

Jul/Aug 2019



**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

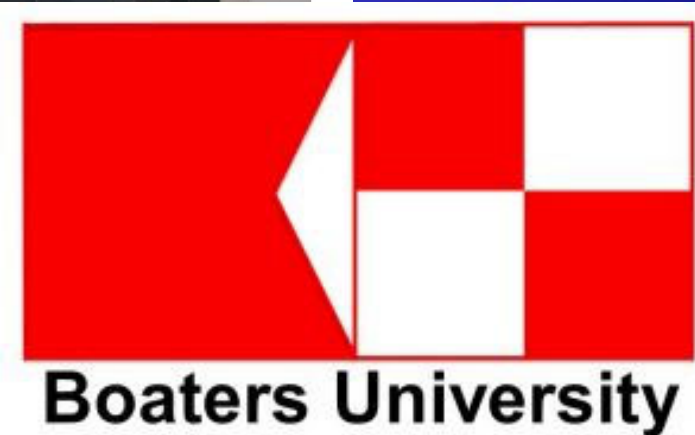
**Here is a summary of the article titles:**

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

# 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



SKILL

TIP #2



# Learn something from every boat

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

As a yacht broker I know that eventually you will sell your boat. You want a reliable vessel, and Buyers want maintenance records



Do you keep your maintenance log up to date?

Your Boat is "alive"

Like your body, it make senses that regular  
"CHECK-UPS" will keep your boat healthier



Unlike annual human medical exams, a trawler should have many inspections (hourly at first) to check systems

\*





Be observant and pay attention

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



A photograph of a boat's dashboard area. The dashboard is dark grey and features several pieces of electronic equipment. On the left, there is a white telephone. In the center, a laptop is open on a shelf. To the right of the laptop, there is a speedometer and a tachometer. Further right, there are two large electronic displays, likely for navigation and engine monitoring. The dashboard is mounted on a wooden structure. In the background, there are windows looking out onto a marina with many boats. A yellow text box is overlaid on the image, containing the word "BASELINES" in blue capital letters.

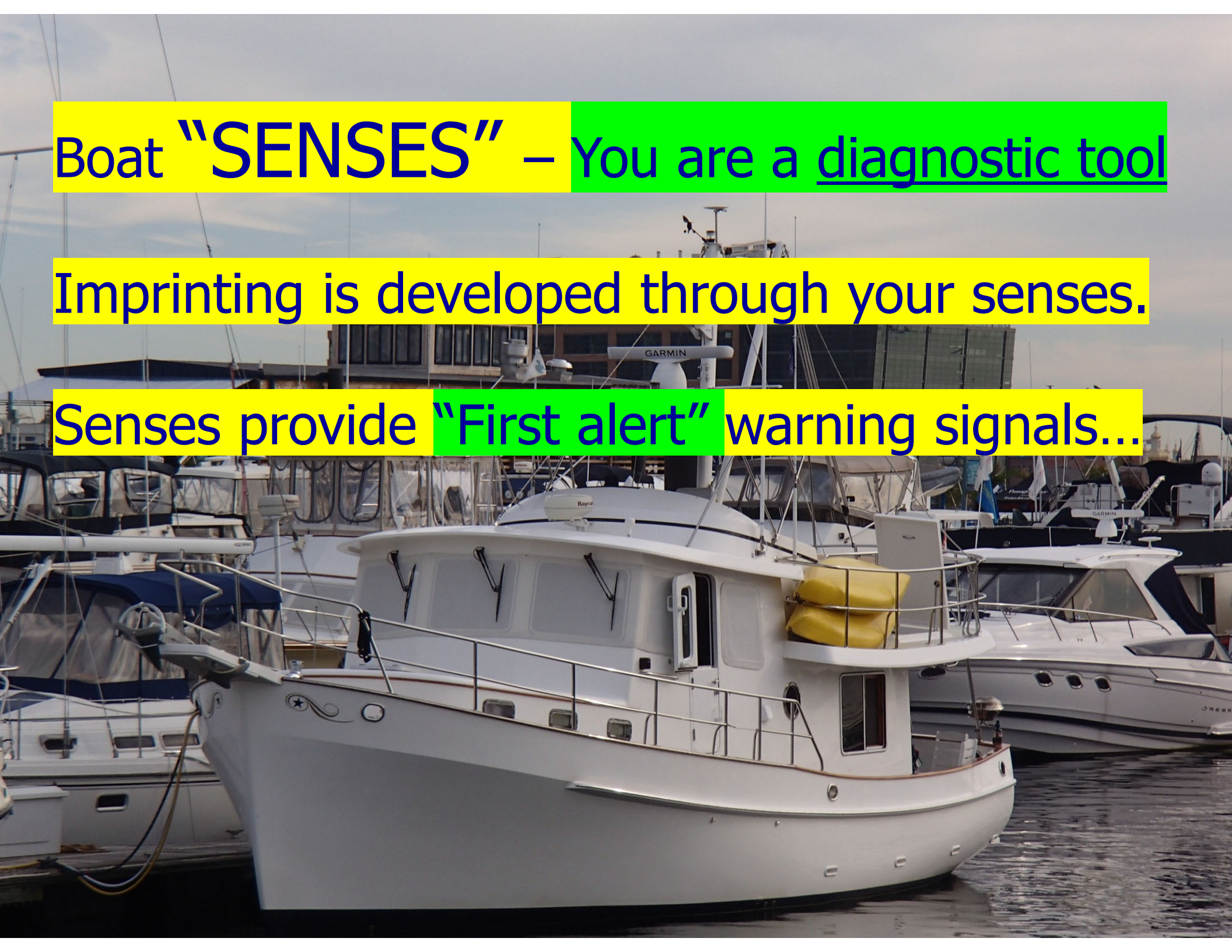
# BASELINES

To track your boat you first have to establish baselines, and these initial impressions need to be cataloged so you can learn what the NORM is.

Boat "SENSES" – You are a diagnostic tool

Imprinting is developed through your senses.

Senses provide "First alert" warning signals...



A photograph of a boat on a lake at sunset. The sun is low on the horizon, casting a golden glow across the sky and water. The boat is moving away from the viewer, leaving a wake. The sky is filled with soft, colorful clouds. The text 'Sight/Vision' is overlaid in a yellow box, and two bullet points are overlaid in yellow boxes on the right side of the image.

# Sight/Vision

- Keen an eye on things...
- Visual observation is the most common way to notice if something is amiss.

# Hearing/Sound

New noises to identify:

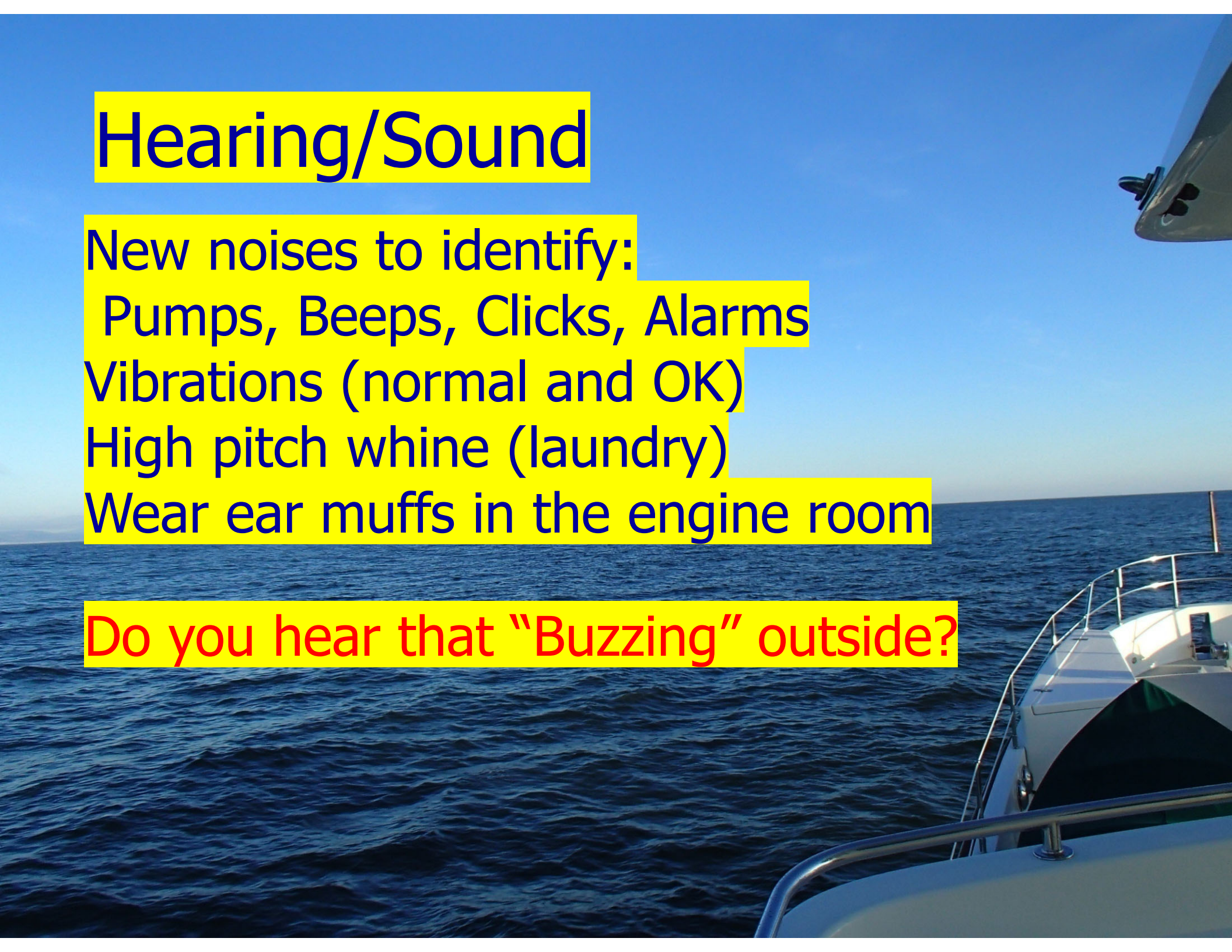
Pumps, Beeps, Clicks, Alarms

Vibrations (normal and OK)

High pitch whine (laundry)

Wear ear muffs in the engine room

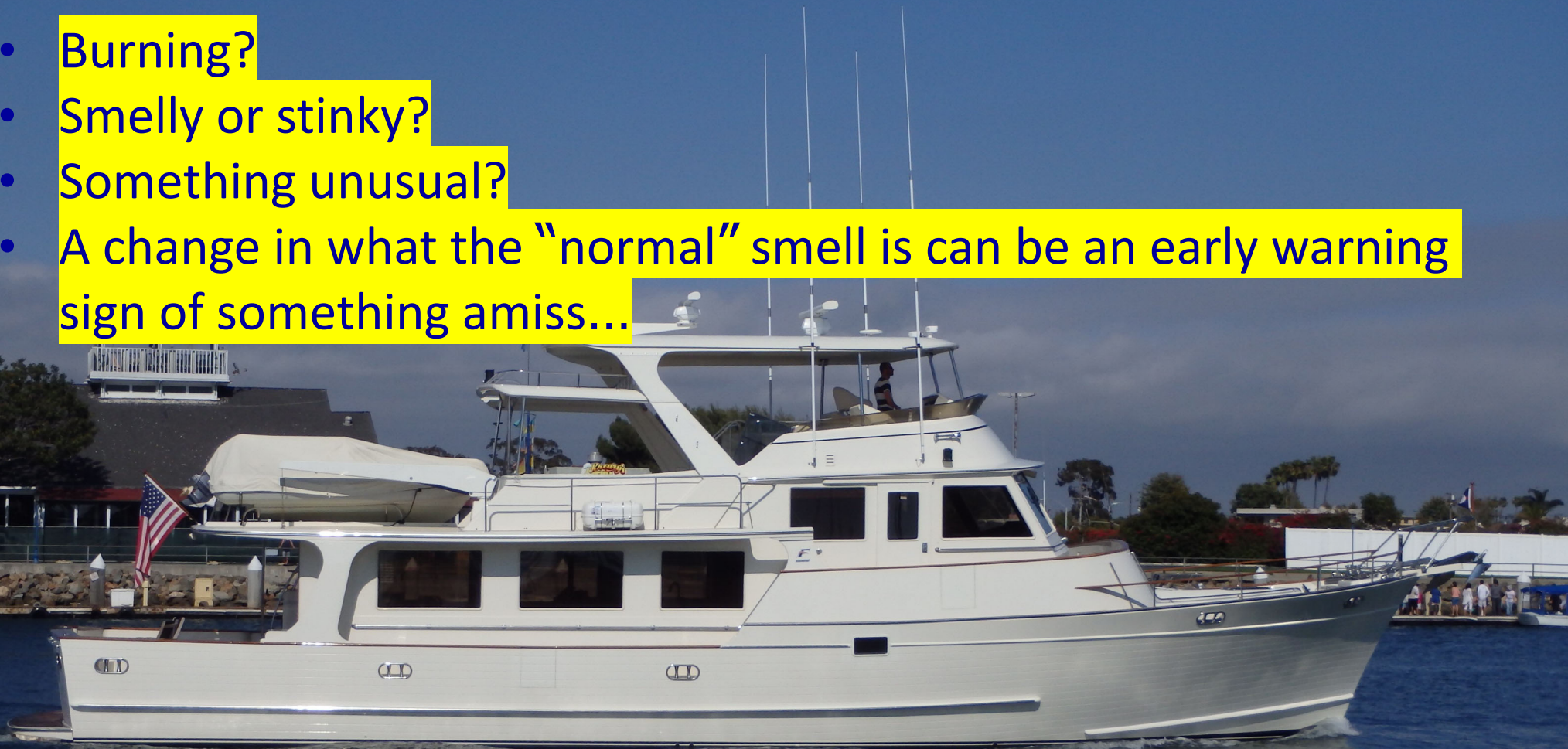
Do you hear that "Buzzing" outside?





# Smell

- Burning?
- Smelly or stinky?
- Something unusual?
- A change in what the "normal" smell is can be an early warning sign of something amiss...



# 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

Taste (let's call this "non-sense")

Don't use this sense except for food consumption.

Story: Surveyor who dipped finger in bilge and became ill.







## Common Sense

- You typically have time to think through a good solution, don't rush to judgement

5-year expiration...

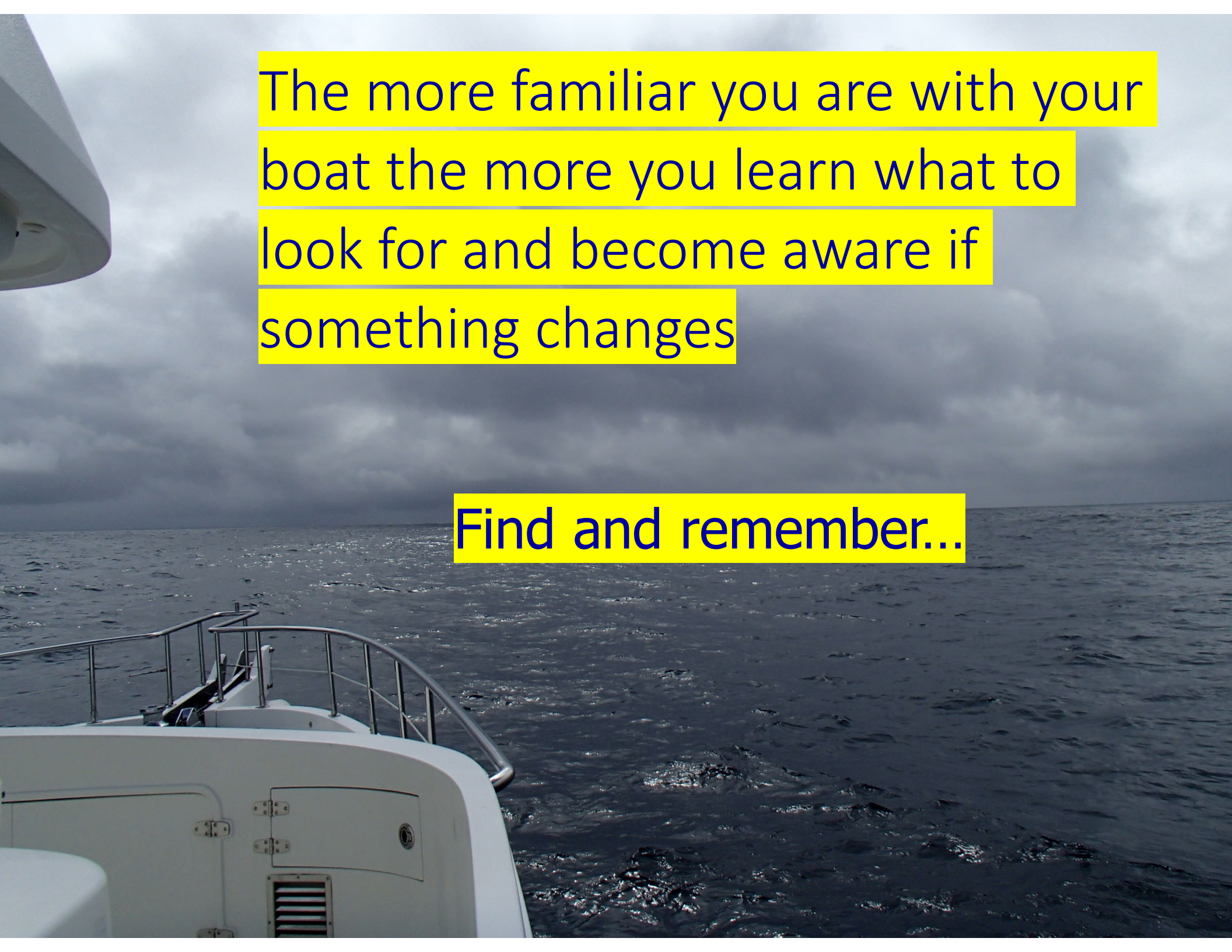


## GET YOUR BOAT ON TRACK

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.



A photograph taken from the perspective of someone on a boat. The boat's white hull and metal railings are visible in the lower-left foreground. The sea is dark and choppy, extending to a flat horizon. The sky is filled with heavy, grey clouds, creating a somber and dramatic atmosphere. The text is overlaid on the upper portion of the image, with each line in a separate yellow box.

The more familiar you are with your  
boat the more you learn what to  
look for and become aware if  
something changes

Find and remember...

Locate where things are installed

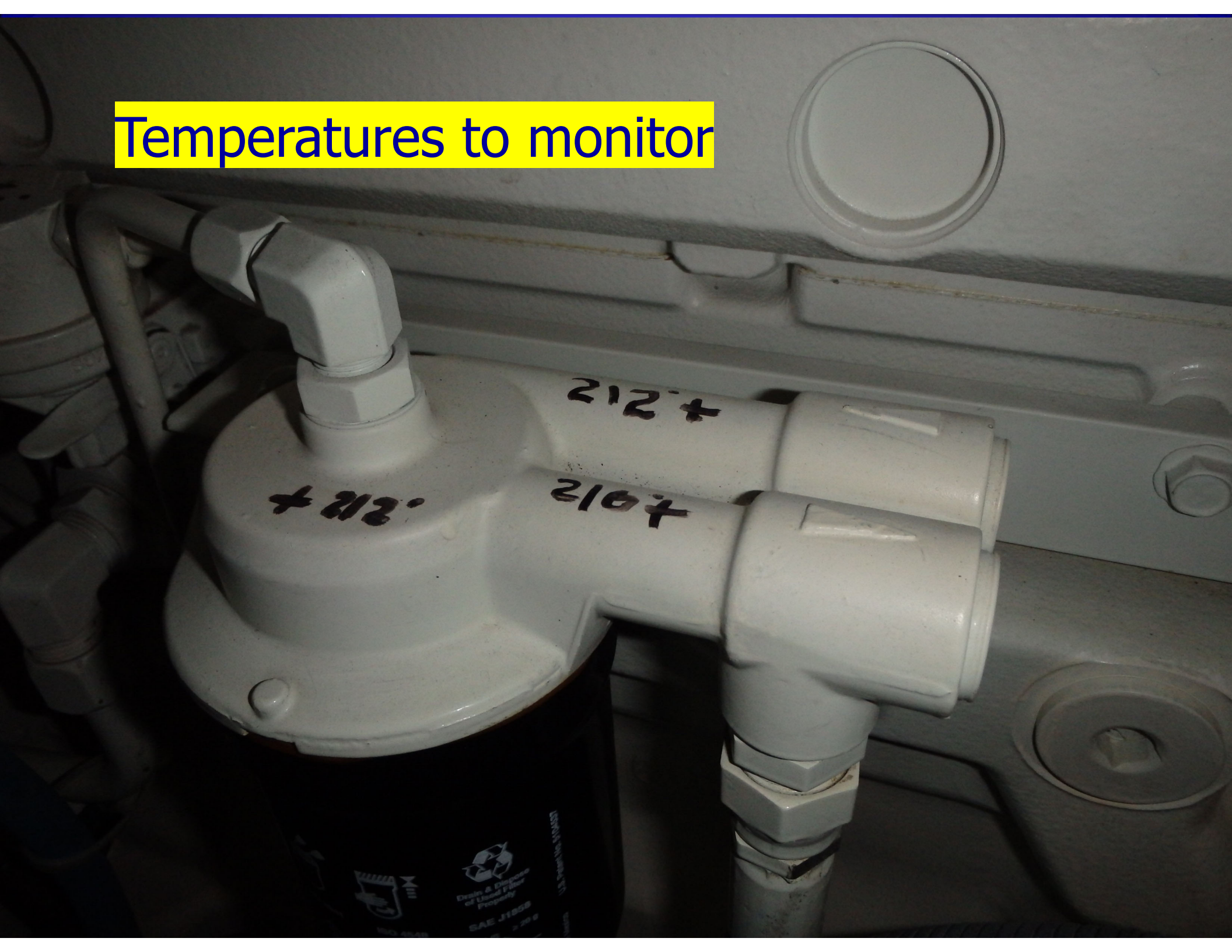
Anti siphon vents?

Where is your autopilot rate gain compass?



How about your GFCI outlets and shore power breakers?

# Temperatures to monitor



What other temperatures should you record?

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



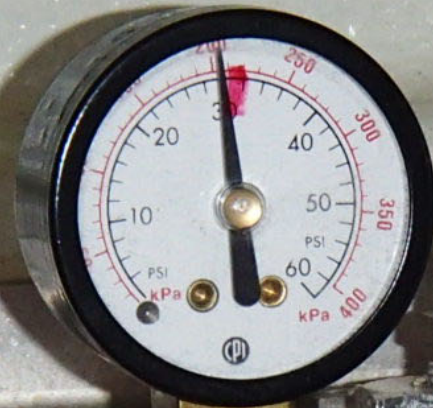
Analog "needle marks"





Mark normal needle position.

Do you have a bicycle pump?



RESERVOIR: MODEL No's. R-06, R-07, R-12

Use heavier Steering Fluid (HA5430) or a light viscosity hydraulic fluid spec. MIL H-5606C, such as Shell Aero Fluid #41, Esso Univis N15, Chevron Aviation Aero HFA. Heavier Fluids such as automatic transmission fluid, may be added but will cause harder steering.

MAXIMUM RESERVOIR LEVEL

PRESSURE

# Example of "tide mark" level



# Learn the "INS"...

OLD

↑ ↑ ↑ IN ↑ ↑ ↑ ↑

# 10  
STBD  
MAIN  
ENG

RETURN FROM MOTORS

# 12  
PORT  
MAIN  
ENG

RETURN FROM TRANSFER PUMP

# 29  
FUEL

# 30  
20KW  
GEN



and OUTS...

To and From, Supply and Return



Get a Label Maker and use it!

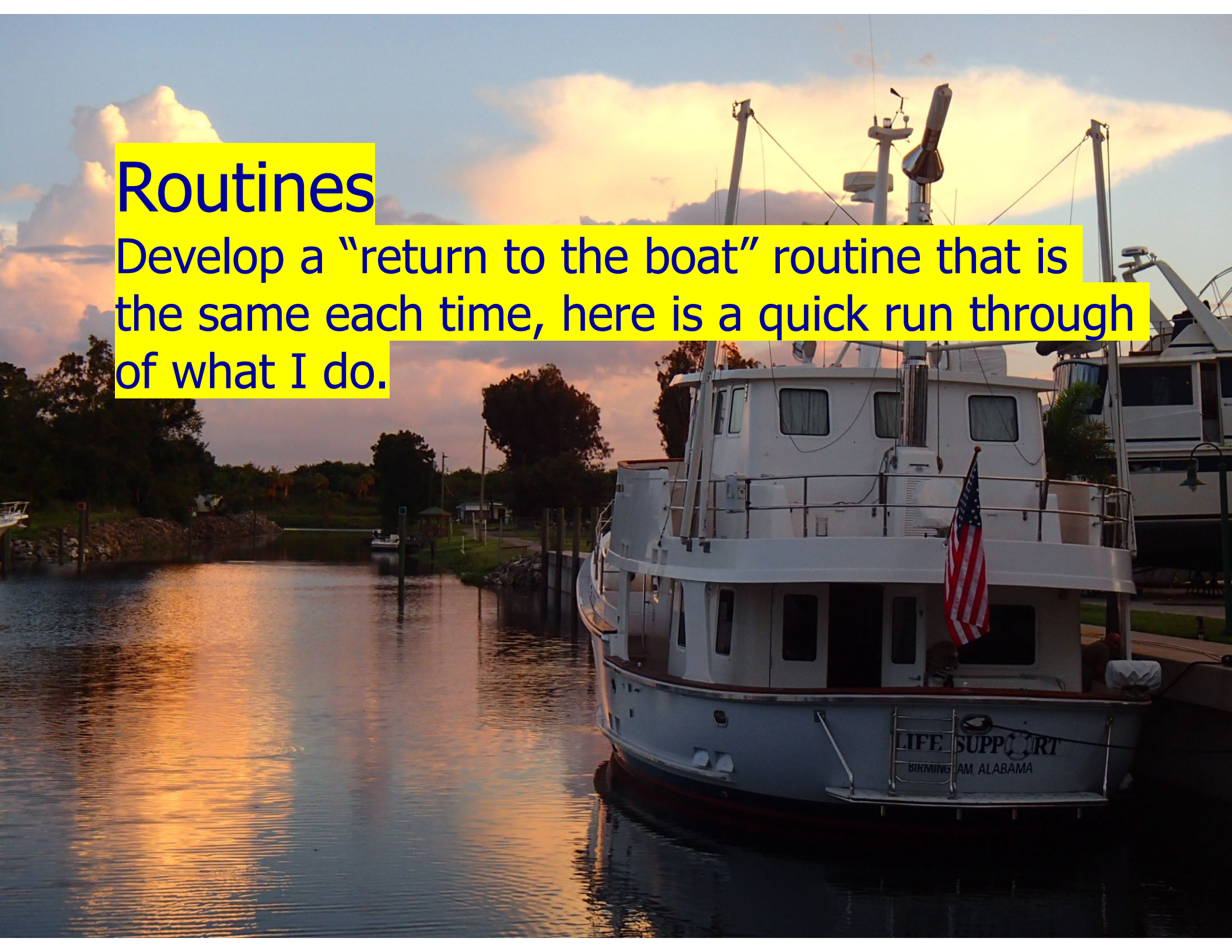


# Bow Thruster ON/OFF



# Routines

Develop a “return to the boat” routine that is the same each time, here is a quick run through of what I do.



# At The Dock

Let's start by approaching your boat tied up at the dock. What should you look for?

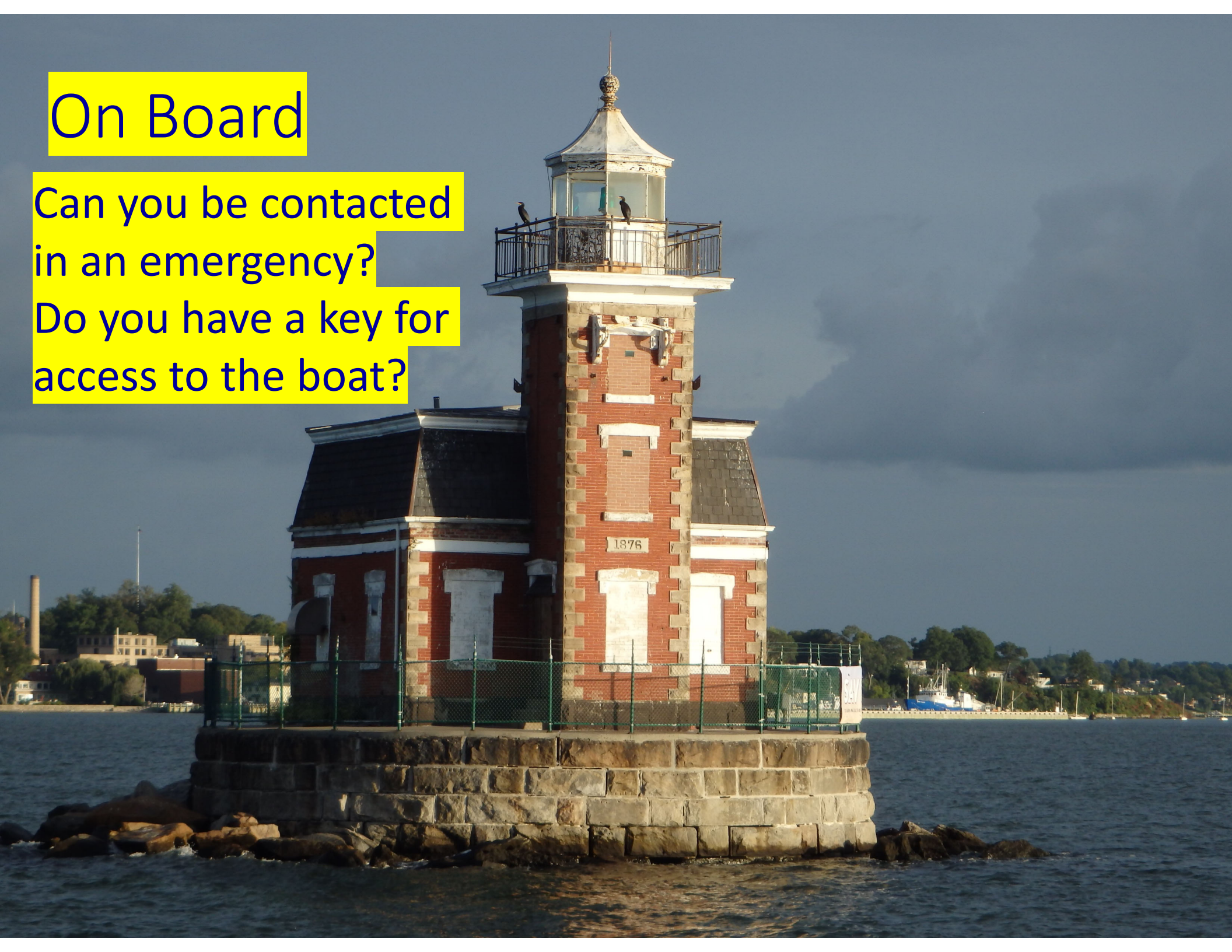
Shore tower breaker still **ON**?  
Shore power cord plugged **IN**? In the water?  
Dock lines secure? Any chafing on lines?  
Fenders properly positioned?



# On Board

Can you be contacted  
in an emergency?

Do you have a key for  
access to the boat?



# Emergency Contact Information

**M/V Convexity**

USCG #1186437

IN CASE OF EMERGENCY  
CALL OR TEXT **415-420-8800**

BY APPOINTMENT ONLY  
NO ADULTS ALLOWED  
SEE SIGNAGE FOR DETAILS

Is your lazarette hatch lockable?



Combination lock box for key



Shoes off basket



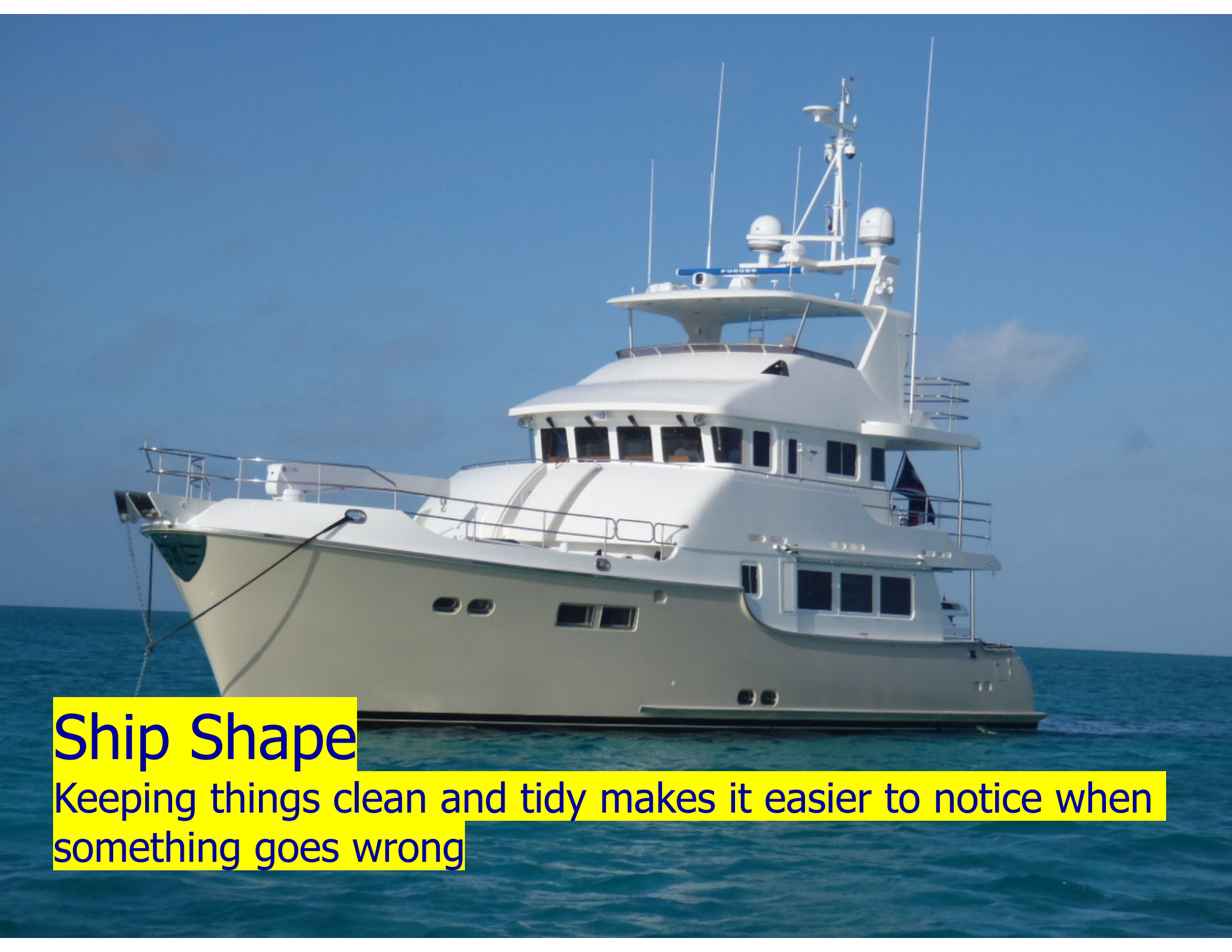
# Inside- My First Two Priorities

**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!**



# Ship Shape

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: \_\_\_\_\_

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  16-25  26-39  40-65  >65

Powered by: Gas  Diesel  Sail  Other

Area of Operations: Inland  Coastal

Type: PWC  Open  Cabin  Other

## VESSEL SAFETY CHECK DECAL REQUIREMENTS

Item	Yes	No	N/A
1. Display of Numbers			
2. Registration/Documentation			
3. Personal Flotation Devices (PFD)			
4. Visual Distress Signals (VDS)			
5. Fire Extinguishers			

## RECOMMENDED AND DISCUSSION ITEMS

(While encouraged, items below are not VSC requirements)

Item	Yes	No
I. Marine Radio		
II. Dewatering Device & Backup		
III. Mounted Fire Extinguishers		
IV. Anchor & Line for Area		
V. First Aid and PIW Kits (**over)		



There are several areas where you can  
"Dial In"

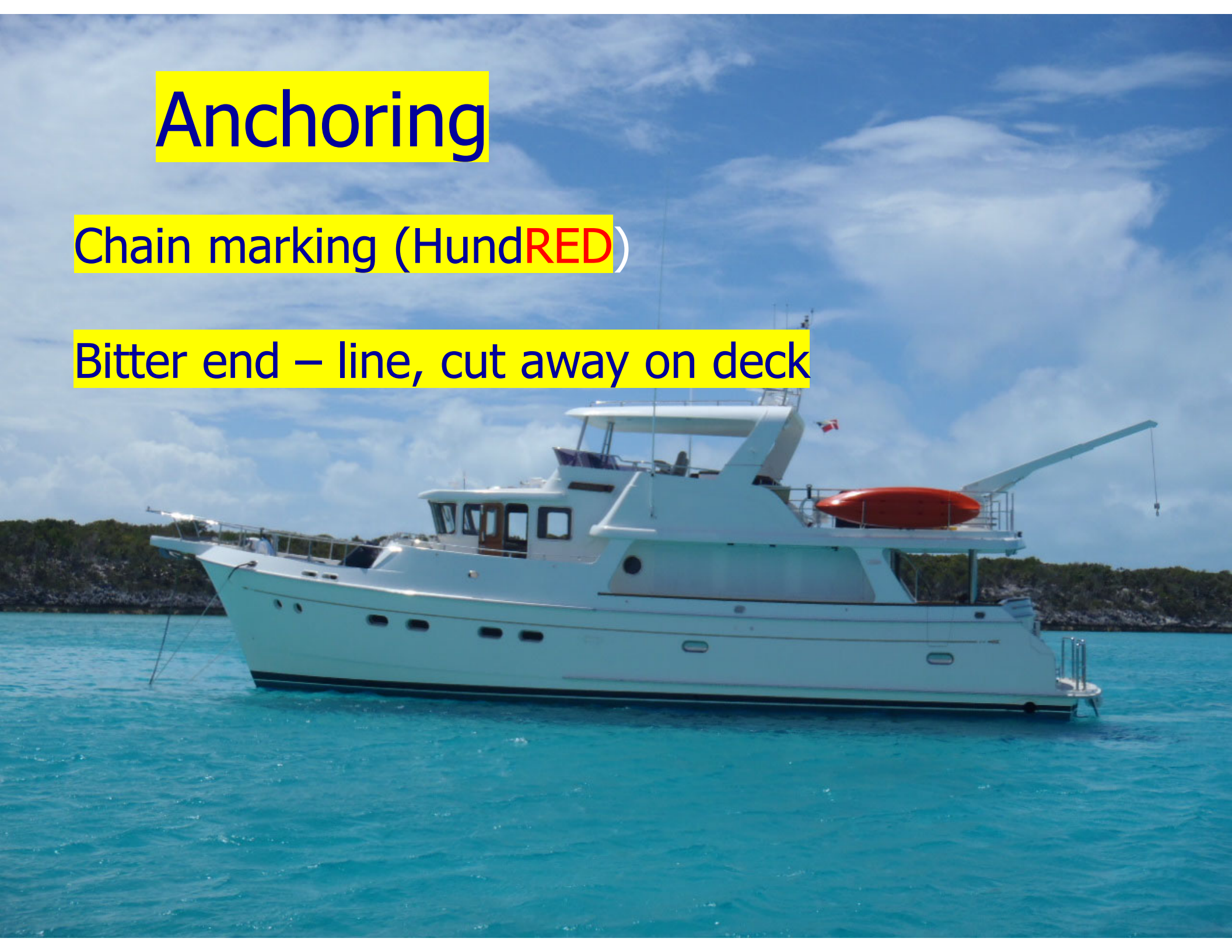
# Anchoring Ideas



# Anchoring

Chain marking (HundRED)

Bitter end – line, cut away on deck



# Hund-RED's

NORDHAVN N5725  
ANCHOR CHAIN  
COLOR KEY

WHITE	=	50 FT
RED	=	100 FT
RW	=	150 FT
RR	=	200 FT
RRW	=	250 FT
RRR	=	300 FT
RRRW	=	350 FT
RRRR	=	400 FT

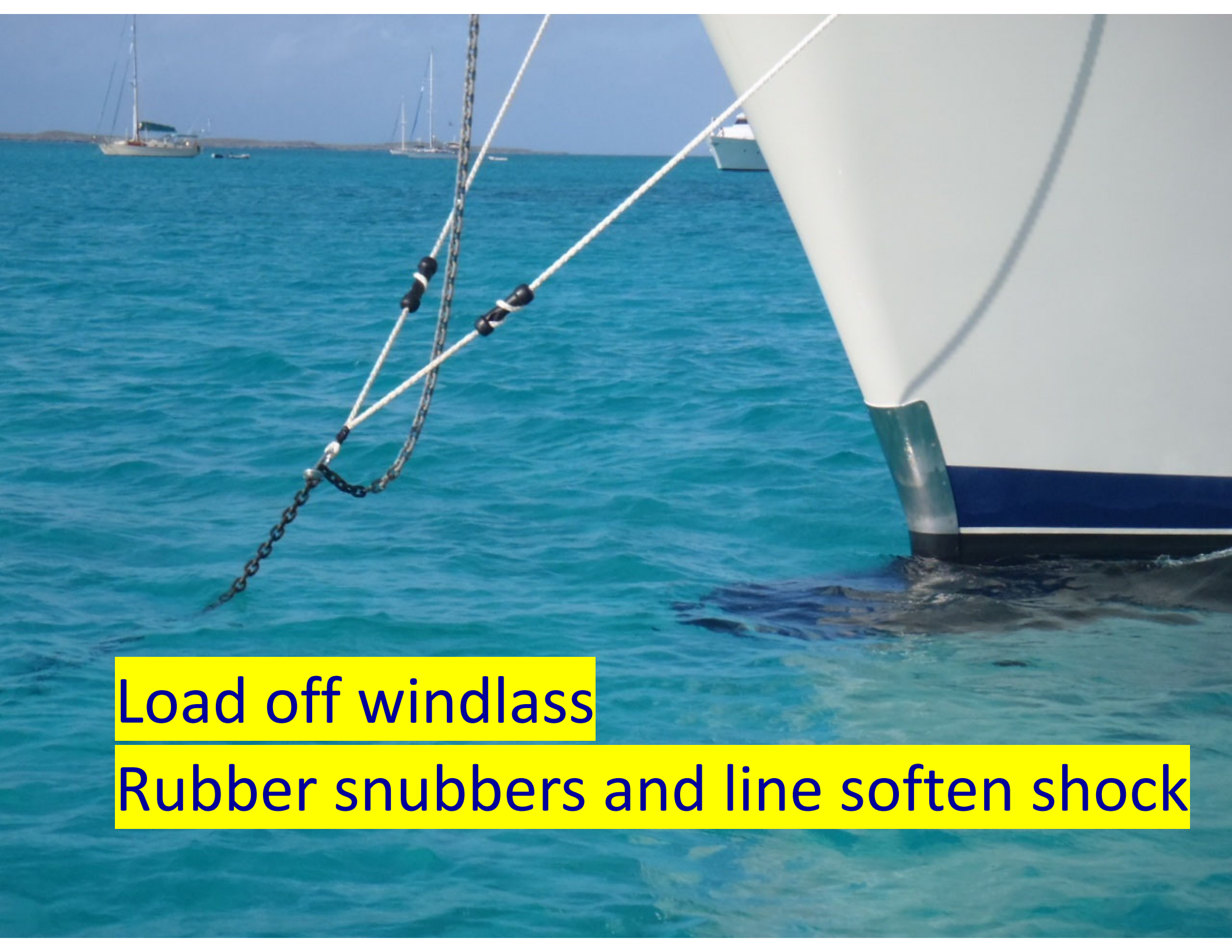
# Color code summary right by windlass

WHITE	50'
RED	100'
WHITE	150'
GREEN	200'
WHITE	250'
RED	300'

# Anchor Bridle







Load off windlass

Rubber snubbers and line soften shock



Stop Slop

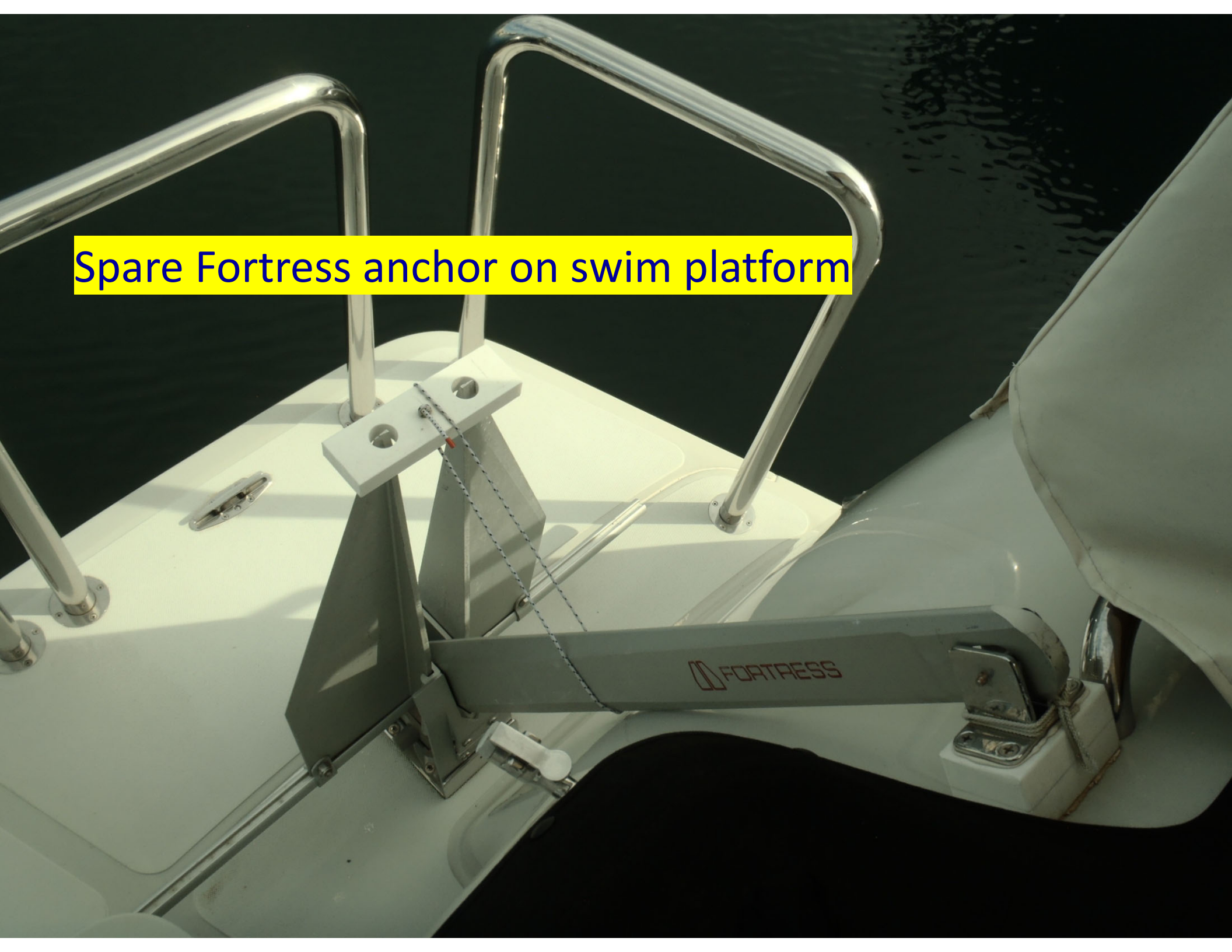
Chain tensioner, snug anchor on roller





Spare Fortress anchor on foredeck

Spare Fortress anchor on swim platform



# Chain color coding by windlass control



Last 50' feet or anchor at waterline.

Can you disconnect from bitter end?



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



Folding pad eye for clipping on fenders





Mark your fins for haul out

STABILIZER FIN

Rig hois  
lifting d

# Deck and Dinghy Tips



Secure outside deck lockers



# Life raft – lock it? Positioning, how launch it?



## EMERGENCY LIFE RAFT INFLATION PROCEDURE

1. PULL BLACK AND WHITE LANYARD TO RELEASE PAINTER LINE FROM SNAP ON SHACKLE.
2. ATTACH TO NEAREST STRONG POINT ON VESSEL.
3. THROW LIFE RAFT IN CANISTER OVERBOARD.
4. LIFE RAFT WILL INFLATE AFTER 30 FEET OF LINE IS OUT.
5. IF CALM SEA, YANK LINE TO INFLATE.
6. PULL LIFE RAFT ALONGSIDE VESSEL AND BOARD.
7. KEEP LIFE RAFT AWAY FROM SHARP PROTRUSIONS.

WINSLOW LIFERAFT COMPANY  
11700 WINSLOW DRIVE LAKE SUZY, FL 34266  
(800)838-3012

**LIFE RAFT**

WINSLOW  
LifeRaft Company  
11700 WINSLOW DRIVE  
LAKE SUZY, FLORIDA 34266 • (800) 838-3012

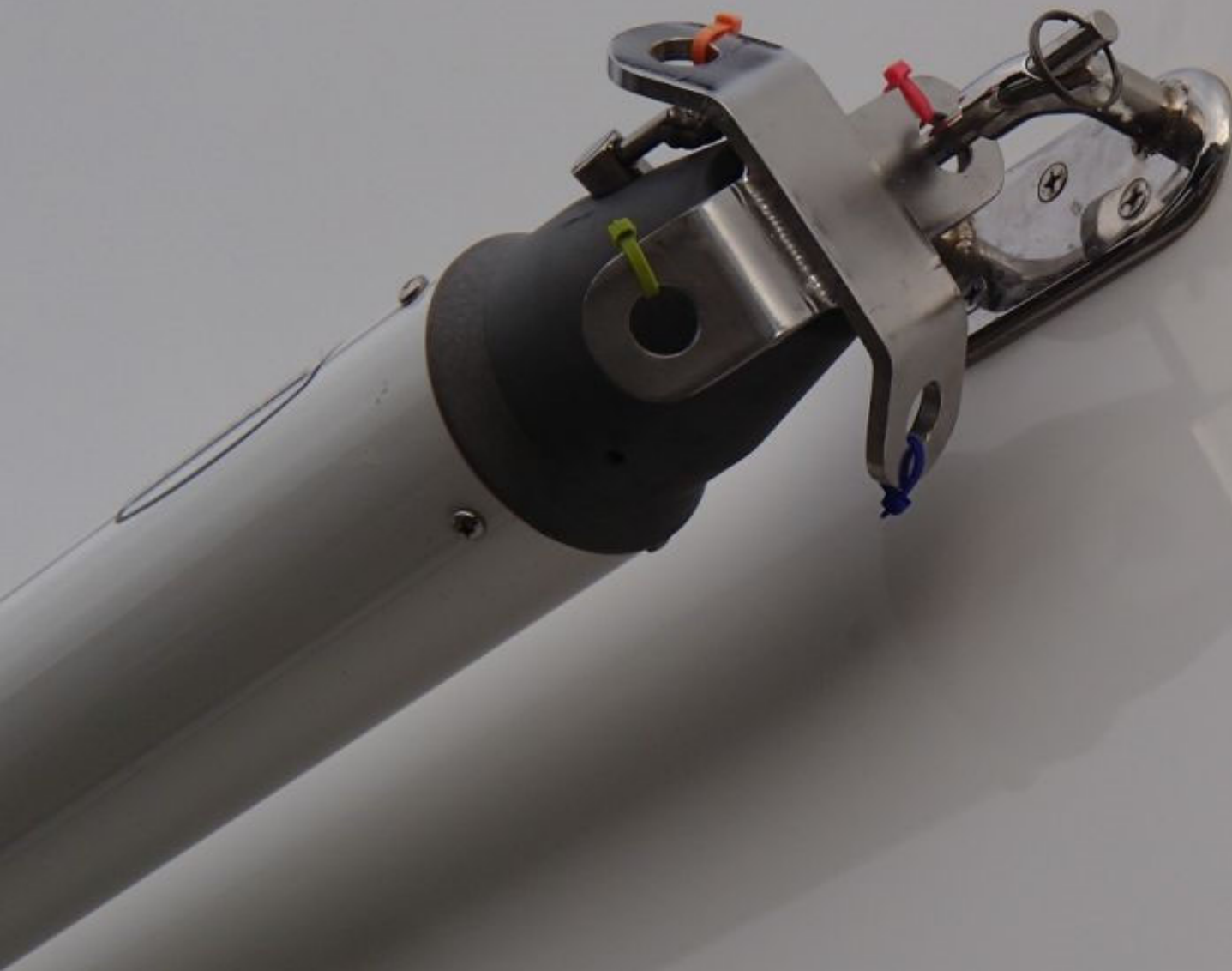
MODEL	
DATE OF MANUFACTURE	
INSPECTION	
INSPECTION DATE	
INSPECTION BY	
INSPECTION TYPE	
INSPECTION RESULT	
INSPECTION COMMENTS	
INSPECTION SIGNATURE	
INSPECTION TITLE	

**NOTICE!**

See this notice on the raft  
only be performed only by those  
personnel trained and authorized  
by the U.S. Coast Guard.  
A certified marine technician  
must inspect and certify the  
raft as a condition of operation.  
Repeat annually, 1 October

WINSLOW  
LifeRaft Company  
11700 WINSLOW DRIVE  
LAKE SUZY, FLORIDA 34266  
(800) 838-3012

# Flopper stopper – color code line attachments



Reflective tape on flopper pole



Dinghy launch with crane – level gauge

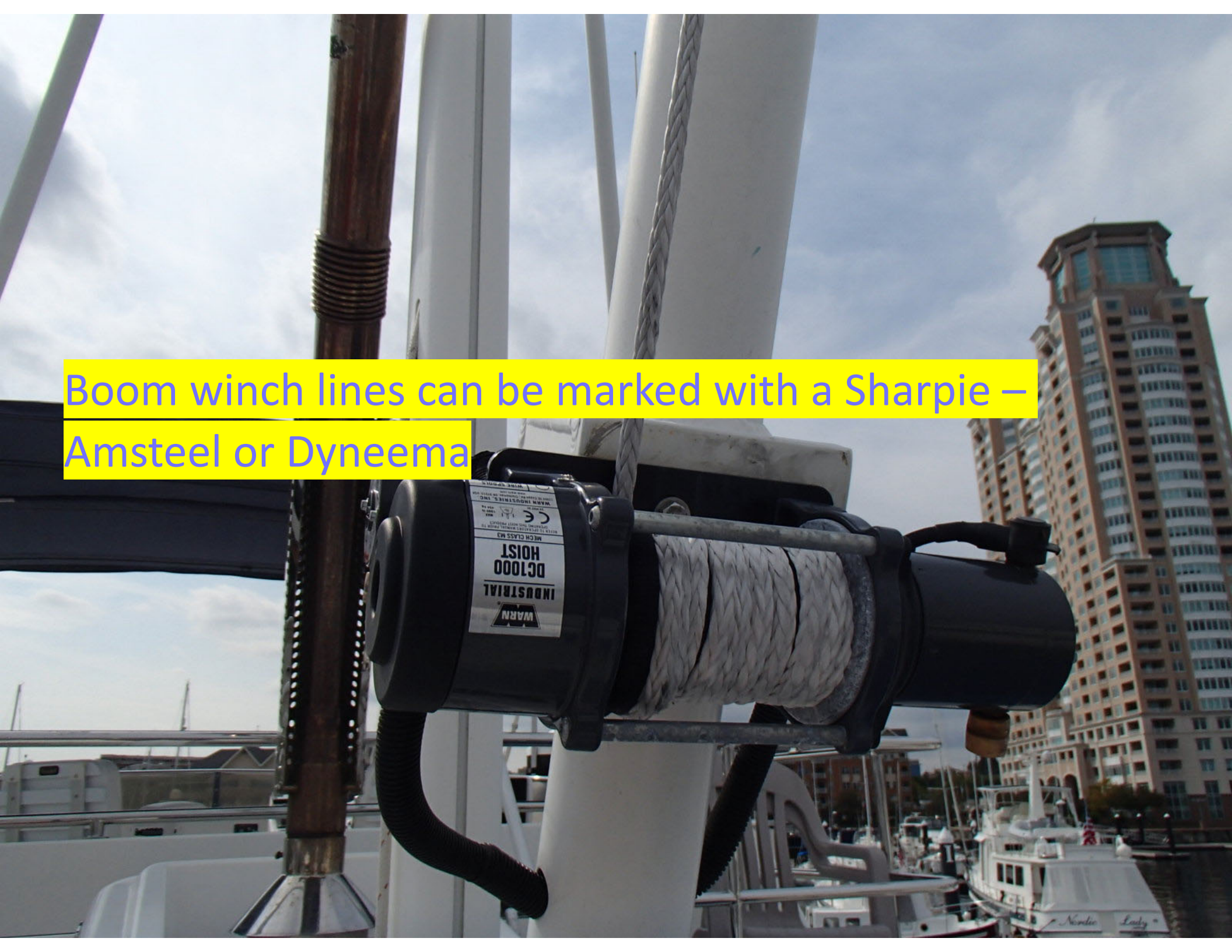


A white crane is mounted on a grey boat deck. The crane has a cylindrical base with two black vertical marks. In the background, a white cabin structure is visible with a steering wheel and a control panel. The deck has white painted lines. A yellow text box is overlaid on the image.

Mark crane pick up to simplify line-up at return



Boom winch lines can be marked with a Sharpie –  
Amsteel or Dyneema





Outboard skid plate

# Docking Tips

- 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**


# Fender Boards



**Boat Hook Ready!**



# Shore Water: Filter Before Adding To Tanks



Hardware store cartridges  
sediment removal, charcoal –  
remove impurities



Water  
softener



The background of the slide is a photograph of a boat's deck at sunset. The sky is a mix of blue and orange, and the water is dark with some ripples. In the foreground, there is a metal railing and some equipment on the deck.

# Main Engine Maintenance Log

## **Handout - Nordhavn 55\***

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.

**Nordhavn 55**

**Main Engine Maintenance Log**

John Deere I Luger L1276A.2C/MG5091SC Serial # 1271-2708 :340 HP @ 1800 RPM

*Fuel, Coolant (brand and gallons) Filters (air, fuel oil), Belts,  
Zincs, Oil Changes*

**Service contact:**

*Engine mounts, drips/leaks*

*Engine mounts, shaft, stuffing box, shaft brush*

**Main Engine Service records**

Date	Hours	Project	Comments

**Note - create a separate maintenance page for ALL major equipment:**

		Black holding   Toilets	
		Crane or Davit	
		Engine 2 (twin or wing)	
		Fuel Log	
		Fuses and Breakers	
		Generator (s)	
		Haul out	
		Hydraulics	
		Laundry	
		Lube oil	
		Main Transmission	
		Shaft, stuffing box, propeller	
		Stabilizers	
		Steering	
		Tender and outboard	
		Thruster(s)	
		Watermaker	
		Windlass	
		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**

# 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/>  
<http://www.cruisingworld.com/how/engine-cooling-system-tips>

# PART TWO

IDEAS THAT YOU CAN USE ON YOUR TRAWLER



by Jeff Merrill, CPYB  
© 2024 all rights reserved

A photograph taken from the deck of a boat, looking out over a body of water towards a suspension bridge at sunset. The sun is low on the horizon, creating a golden glow and reflecting on the water. The sky is filled with scattered clouds. The bridge's cables and towers are visible in the distance. The boat's railing and part of its structure are in the foreground on the left.

I hope you will say...

That's a good idea!

Clear plastic protects wood surfaces





# Refrigerator organization – bars and tubs



# Thermometer and baking soda in refrigerator



Story - leave boat, ice cube test...

Shelf levels create more storage space



A metal wire shelving unit is shown with several shelves. The top shelf holds a stack of black plates, some of which are covered with white mesh protectors. The middle shelf is empty. The bottom shelf holds a stack of red plates, also with white mesh protectors. A black mesh protector is visible on the left side of the bottom shelf. The text "Soft rubber mesh protects" is overlaid on the image in a yellow box with blue text.

Soft rubber mesh protects



Peg system for plates and bowls

Kadey-Krogen peg system for  
pots and pans





Organized home style drawer caddy





# Clear tubs for storage



# Storage bins "Lock and Lock"



# Really Useful Boxes



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





Dust buster small vacuum

(Kelp flies story)

Swiffer Sweeper Vacs are great for wood floors



# Squeegee and Shower Spray



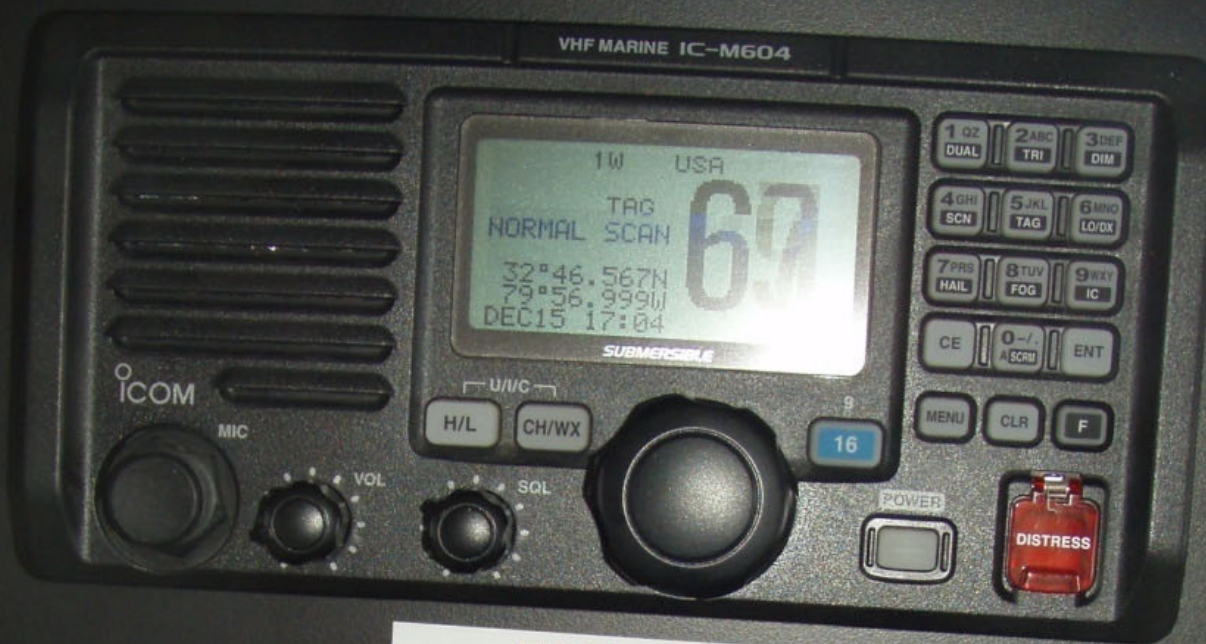
# Suction cup caddy





# Helm area suggestions





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.

**Quick reference "norms"**



**WCC**

**MAIN**



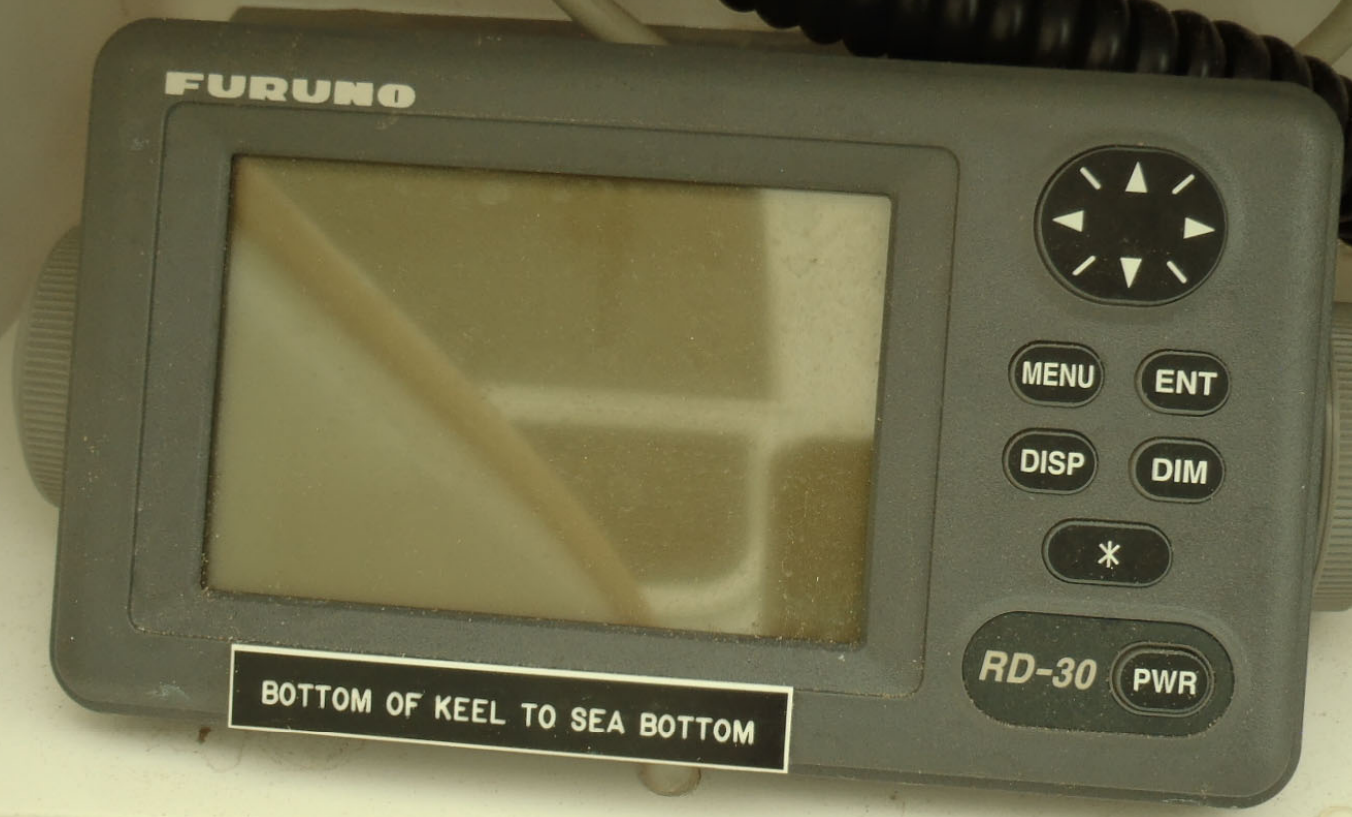
LOA 61 FT  
BEAM 17 FT  
DRAFT 6 FT  
HEIGHT 24 FT  
ANCHOR MARKS 25 FT

LOA, Beam, Draft, Bridge clearance

# 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

What depth are you reading?



# 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



Color code dots – ON/OFF – Day/Night



DEPTH SO...

WIND SPEED

WEATHER FAX

HOLDING TANK PUMP

GRAY WATER PUMP

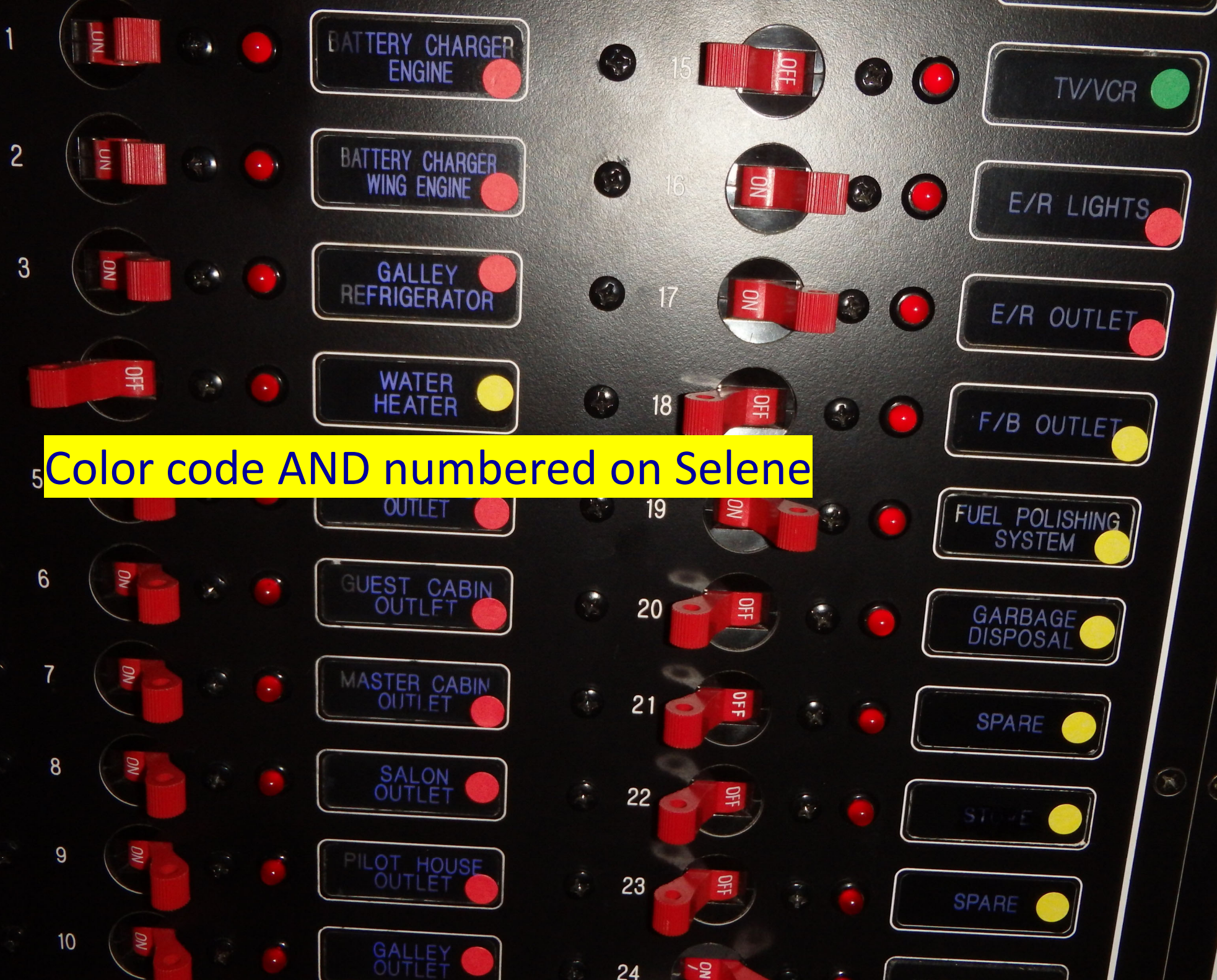
BILGE PUMP

AUTO/MANUAL

HOLDING TANK

UAL

1/4



Color code AND numbered on Selene

1  
2  
3  
5  
6  
7  
8  
9  
10

BATTERY CHARGER ENGINE  
BATTERY CHARGER WING ENGINE  
GALLEY REFRIGERATOR  
WATER HEATER  
OUTLET  
GUEST CABIN OUTLET  
MASTER CABIN OUTLET  
SALON OUTLET  
PILOT HOUSE OUTLET  
GALLEY OUTLET

15  
16  
17  
18  
19  
20  
21  
22  
23  
24

OFF  
ON  
ON  
OFF  
ON  
OFF  
OFF  
OFF  
OFF  
ON

TV/VCR  
E/R LIGHTS  
E/R OUTLET  
F/B OUTLET  
FUEL POLISHING SYSTEM  
GARBAGE DISPOSAL  
SPARE  
STOVE  
SPARE

# Toggle guards on "permanent" breakers

INVERTER

FWD

AMIDSHIPS

STTS AFT

PILOTS PILOT HOUSE

ENGINE ROOM LIGHTS

12V STEREO

12V CHARGER



GALLEY FRIDGE/FREEZE

EXHAUST STACK COOLING

PI/H CHEST FREEZER

WASH COMPACTOR

MICROWAVE / SALON TV

STOVE TOP IGNITER

GARBAGE DISPOSAL

WATERMAKER

ENGINE / ROOM BLOWERS





Binocular rack

Drink holders





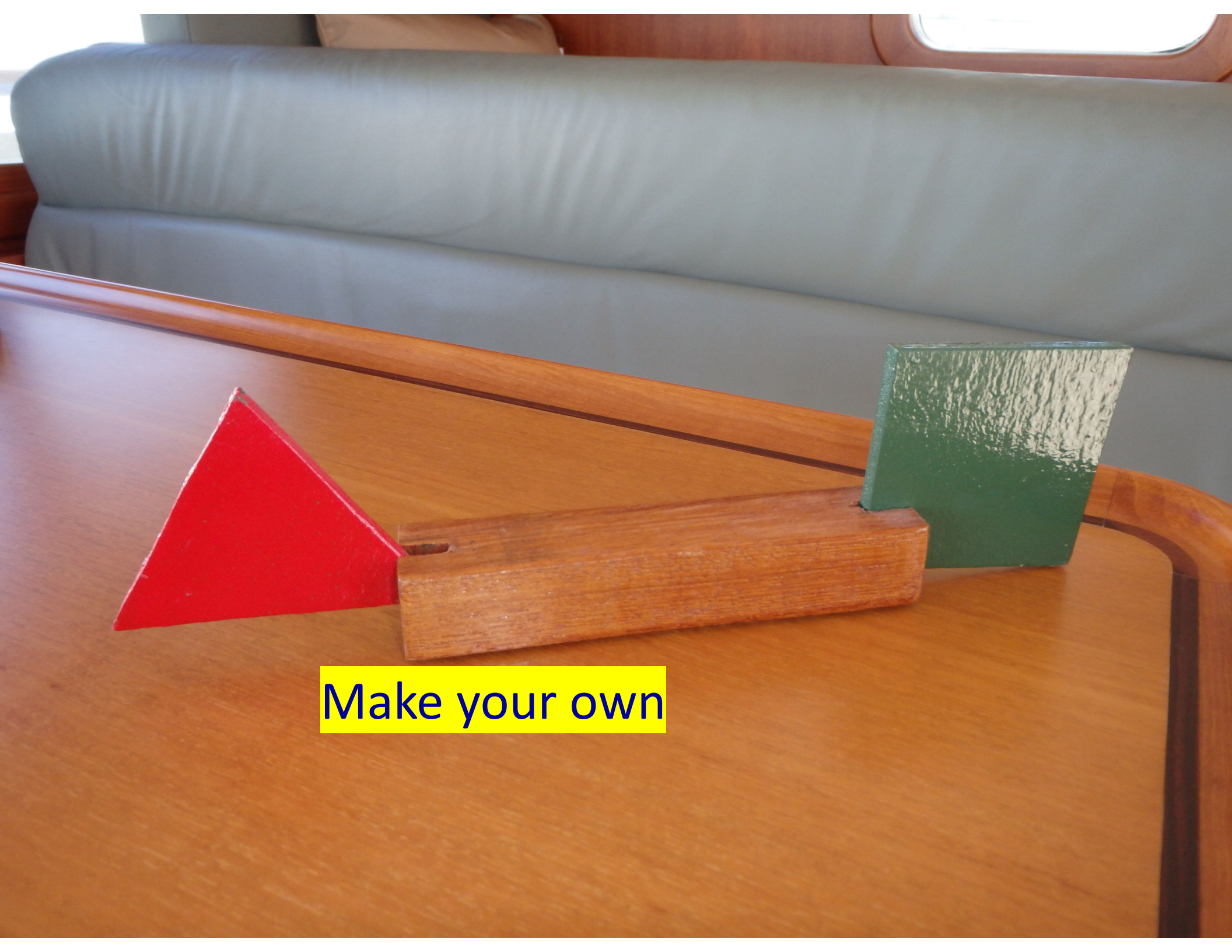
Portable caddy for important “stuff”

Channel buoy reminder

Easily reversible!







Make your own

When you depart,

leave yourself a reminder...

Thru Hull Closed !!

Then  
Using  
Water Maker

Start Charger - OFF

A man wearing a blue short-sleeved shirt with a white floral pattern, khaki shorts, and red ear protection is working on a boat engine. He is leaning over a stainless steel railing, using a white cloth to clean or inspect a part of the engine. The engine is white and complex, with various pipes and hoses. The background shows the interior of the boat, including a green seat and a white panel.

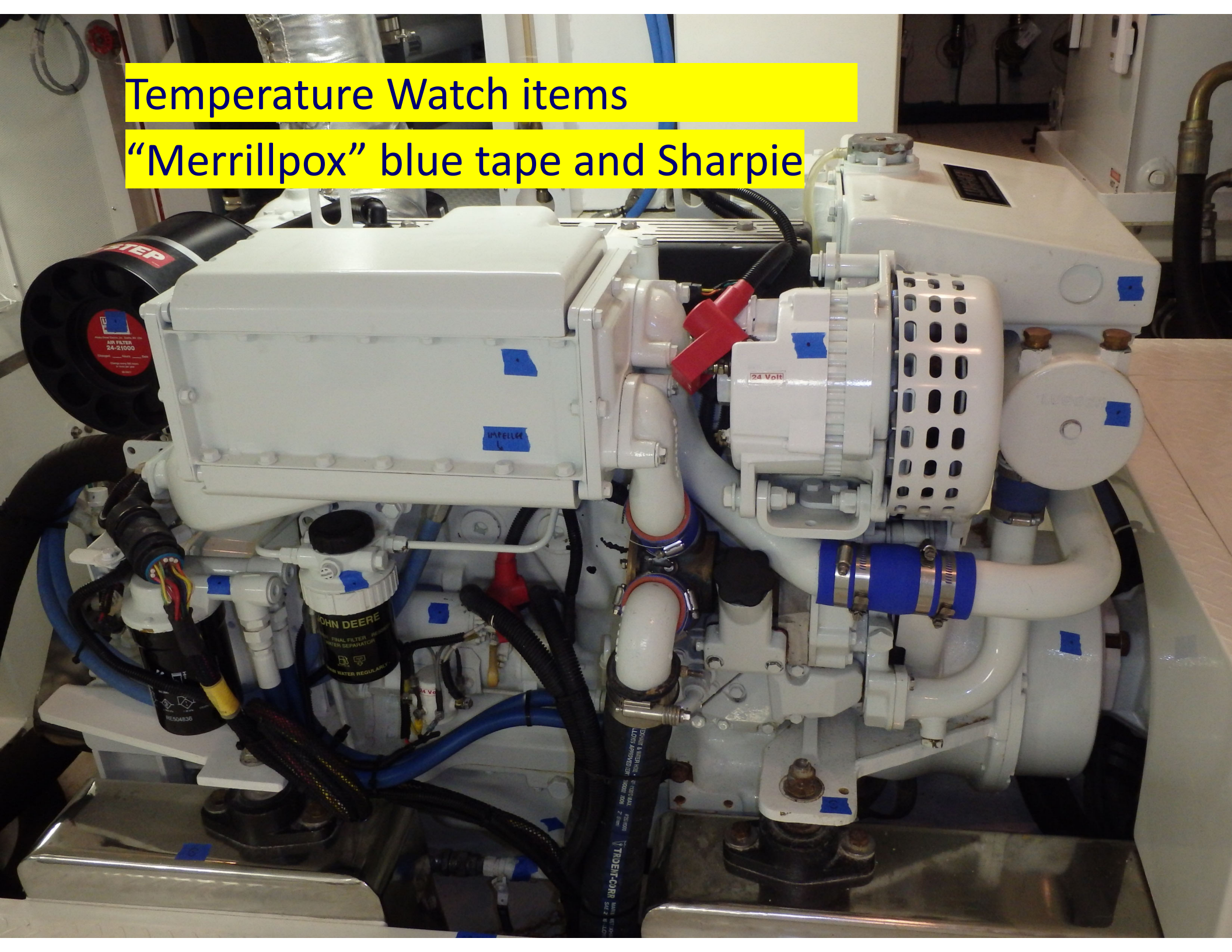
Engine Room Inspection Tips

# Infrared Temperature Gun



Temperature Watch items

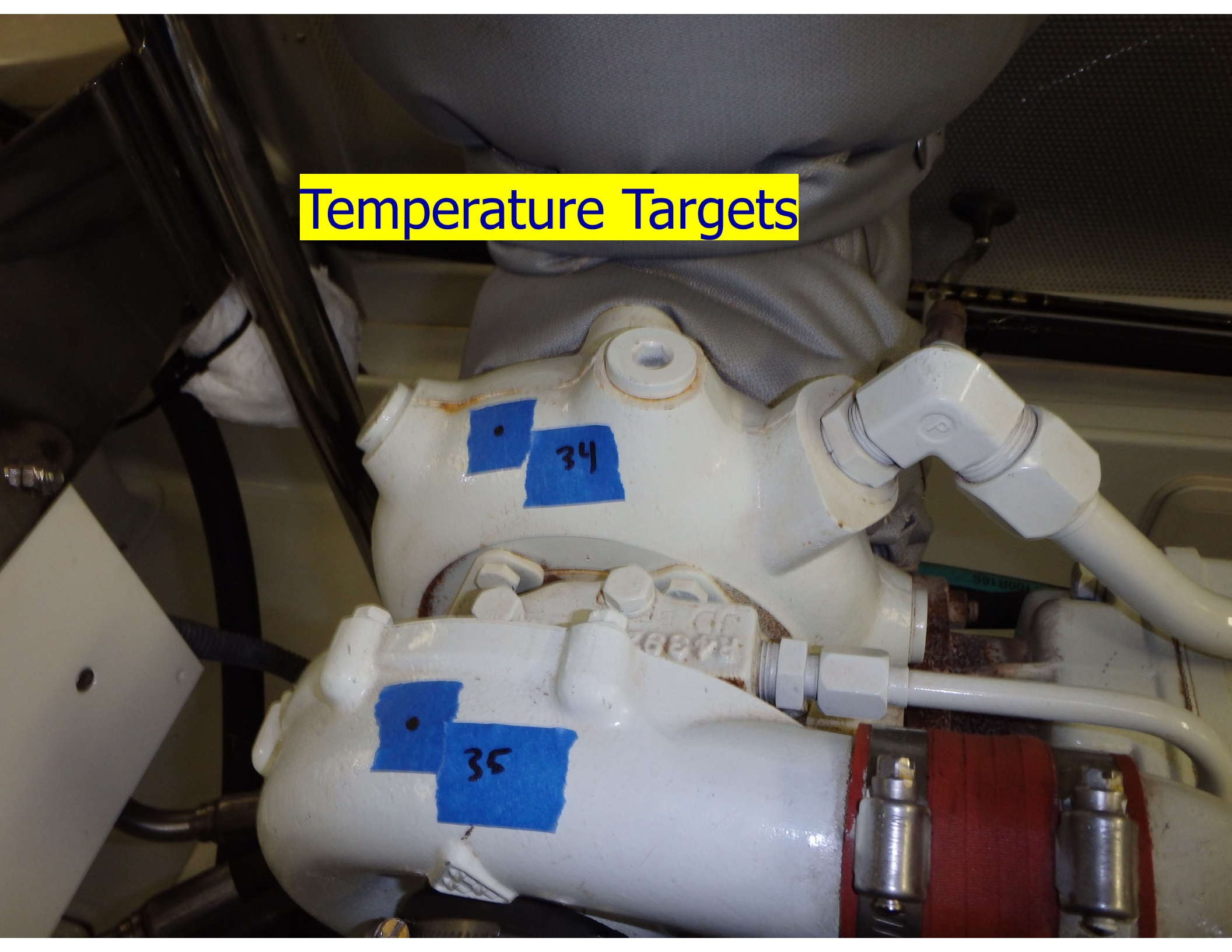
“Merrillpox” blue tape and Sharpie



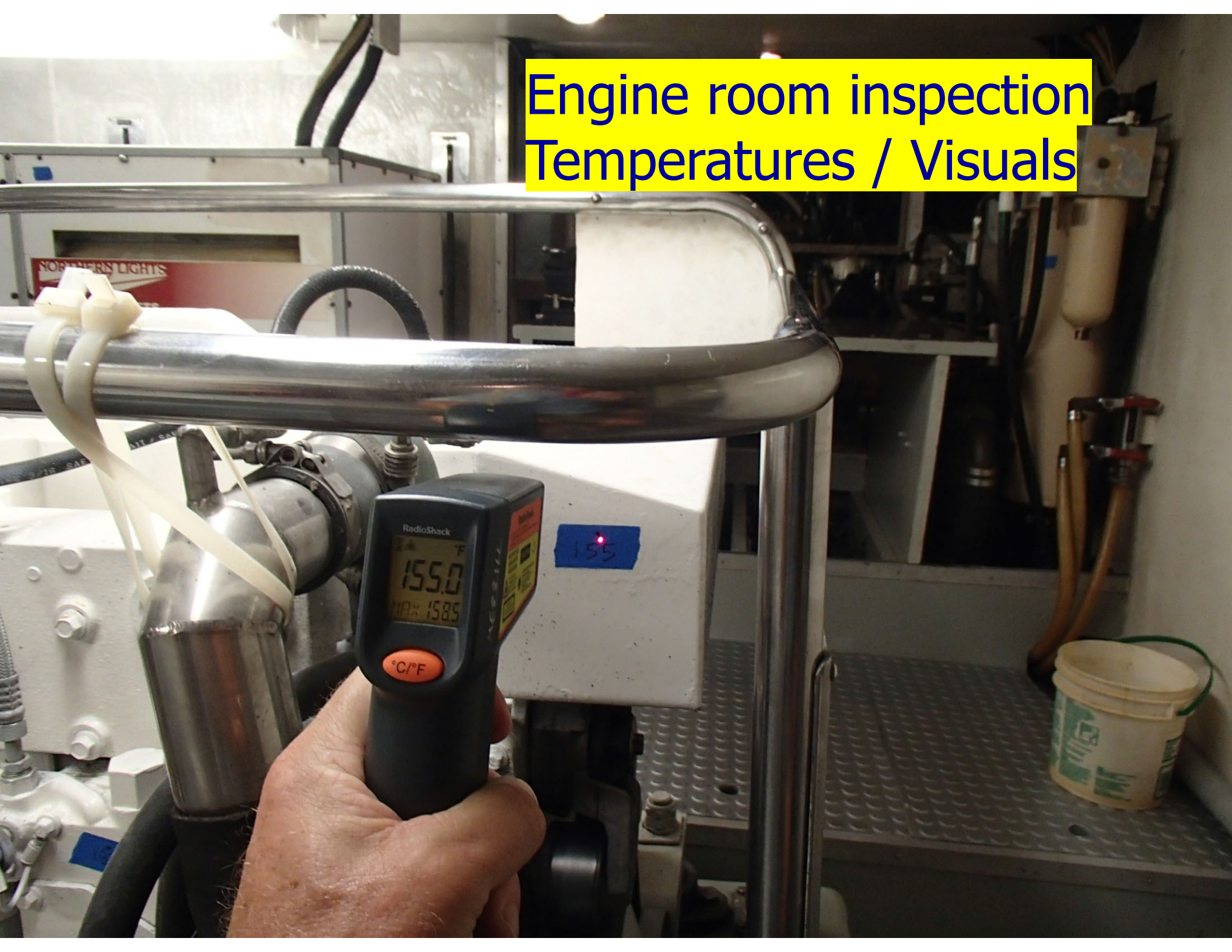
Mark single point to shoot



# Temperature Targets



# Engine room inspection Temperatures / Visuals

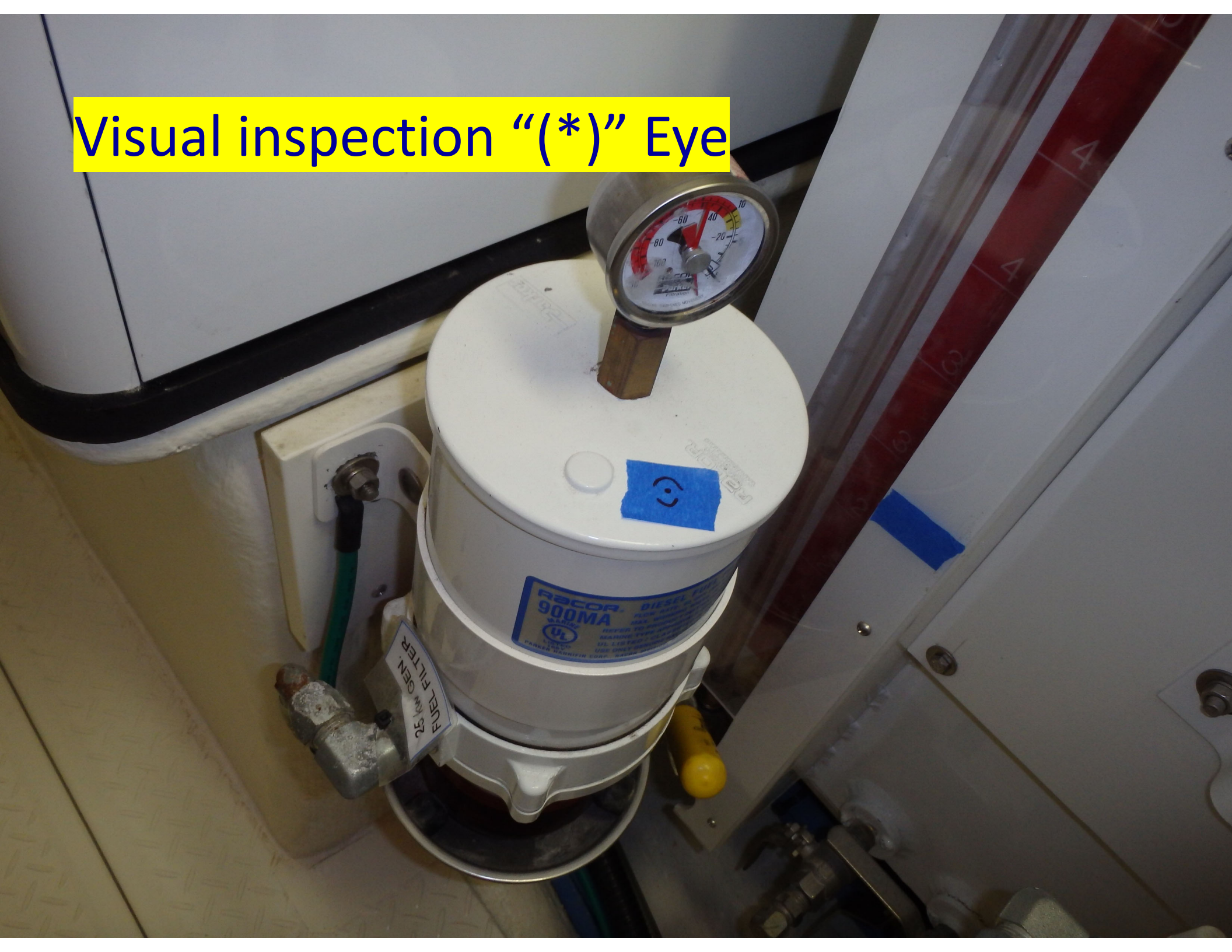


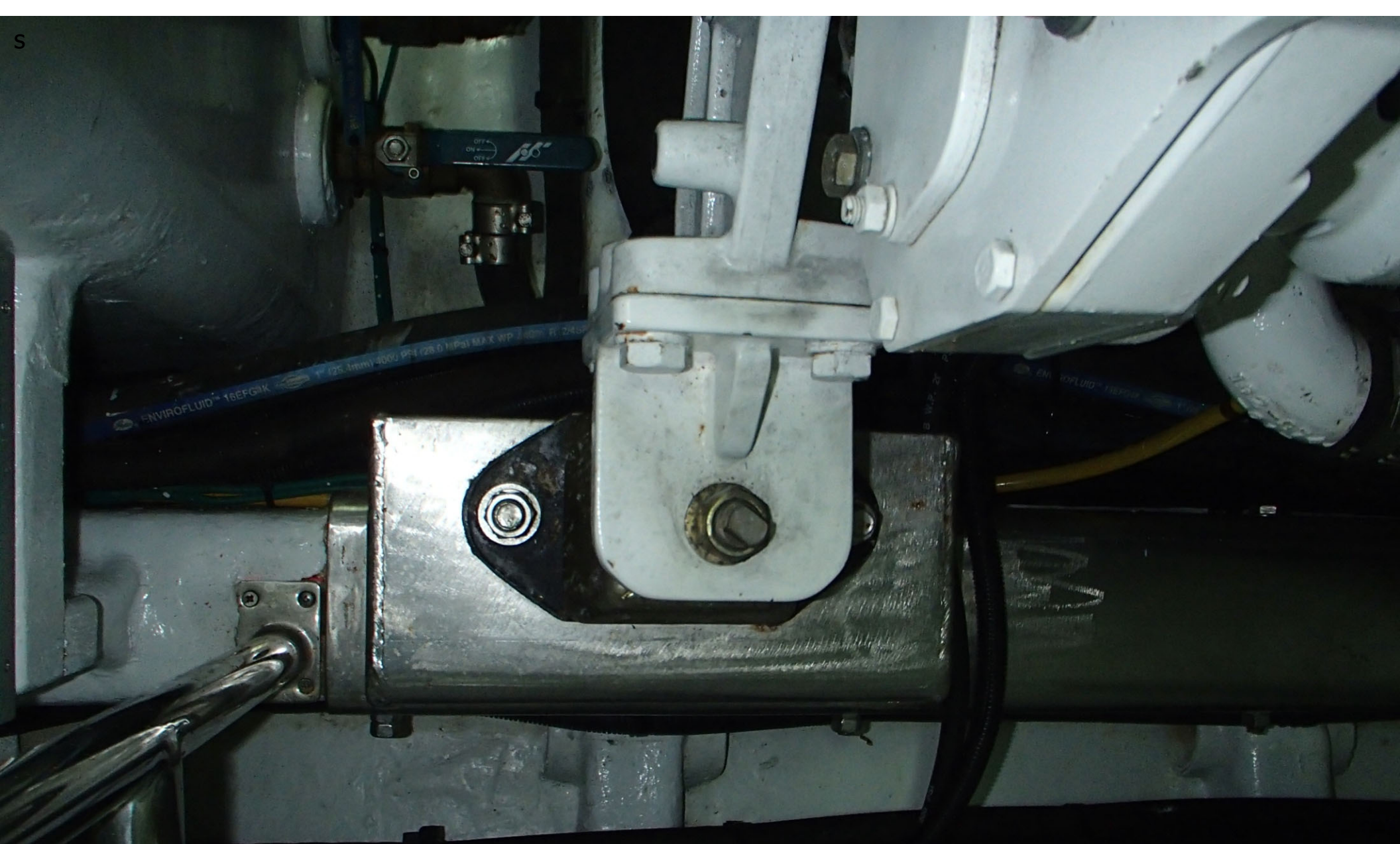


Hold Gun 2 – 6" away



# Visual inspection “(\*)” Eye





Torque wrench and mark your mounts

engine  
13  
mounts



Bilge  
16  
Level

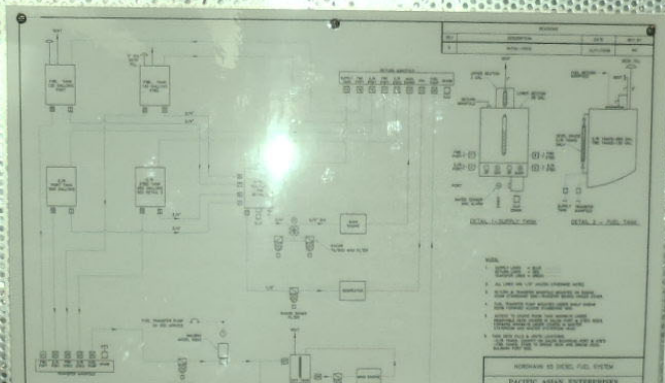
PRODUCTS

CLARK

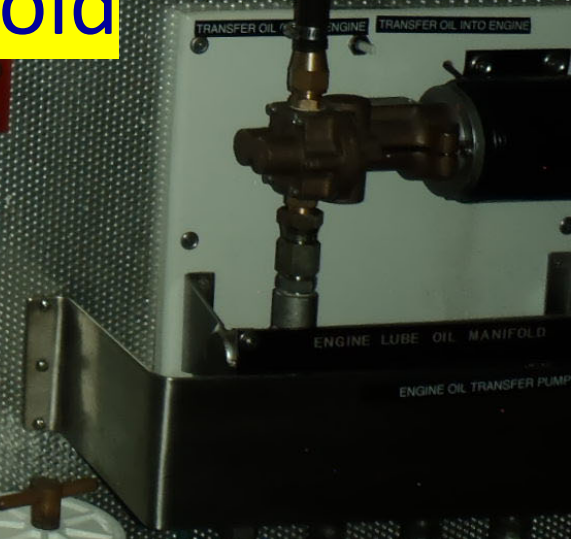
SNUGGED DOWN  
ALL ENGINE MOUNT.  
13 SEPT 13

3/4" WRENCH.

STBD

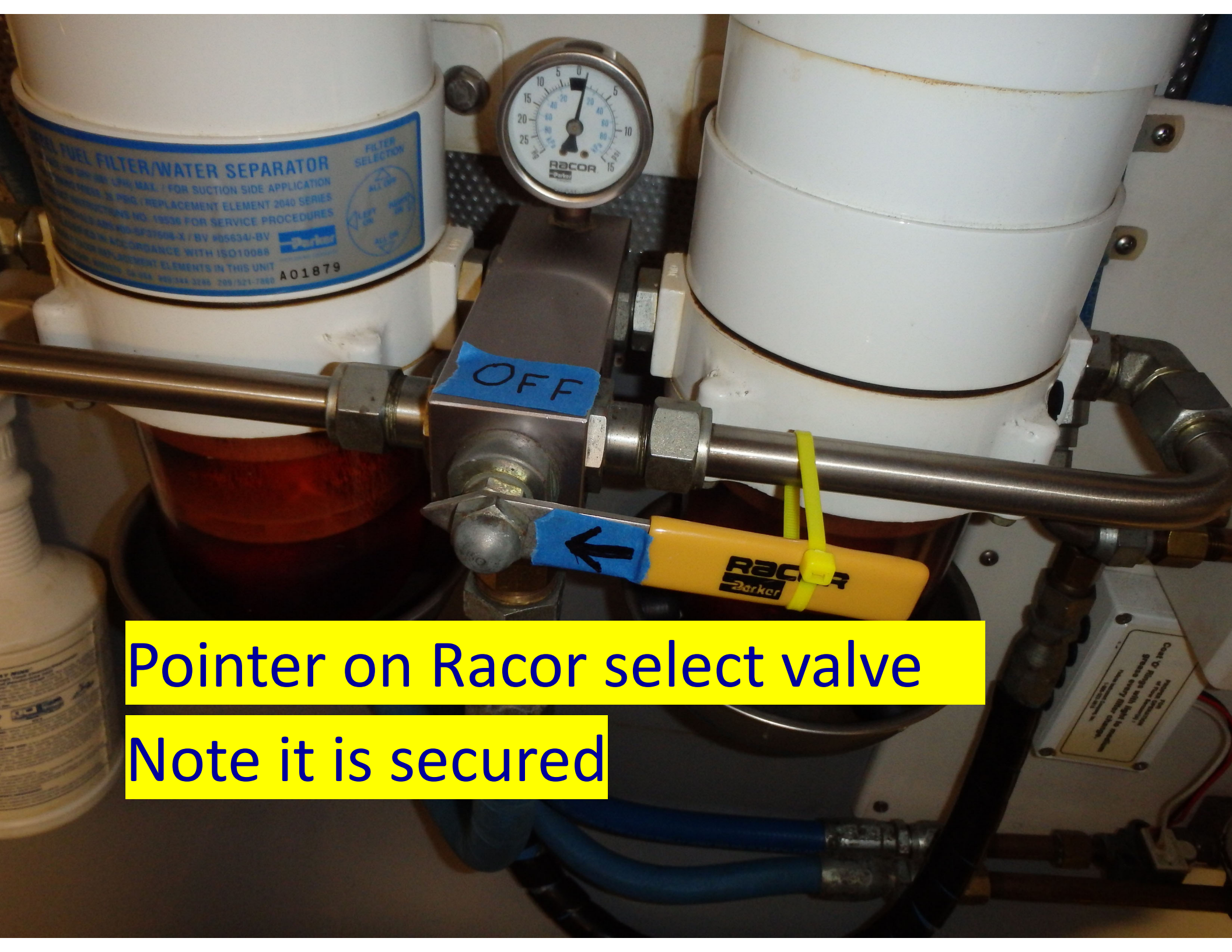


Laminated fuel diagram by manifold





The sharp end points to desired bowl



Pointer on Racor select valve

Note it is secured



Velcro straps so valve handle isn't bumped



# Replacement sizes and hours noted



MARINE WET EXHAUST & WATER HOSE • 250°F (120°C) MAX.  
SAE J2006 - LLOYD'S APPROVED CERT. #9/69902-2904  
#250-1120  
1-1/2" (38mm)

TRIDENT-FLEX



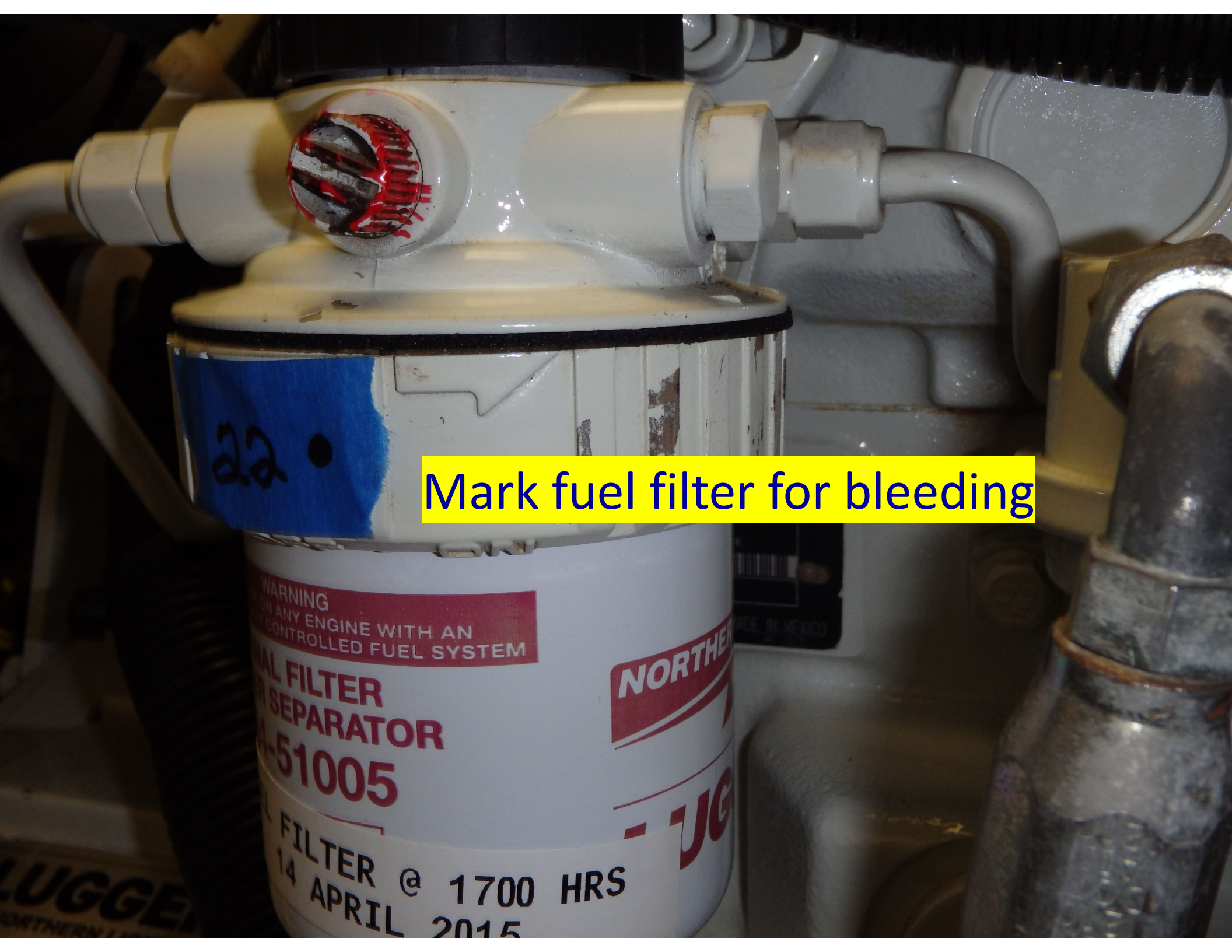
MARINE WET EXHAUST & WATER HOSE • 250°F (120°C) MAX.  
SAE J2006 - LLOYD'S APPROVED CERT. #9/69902-2904  
TRIDENT-FLEX  
#250-1120  
1-1/2" (38mm)

# Color code multiple tank valves

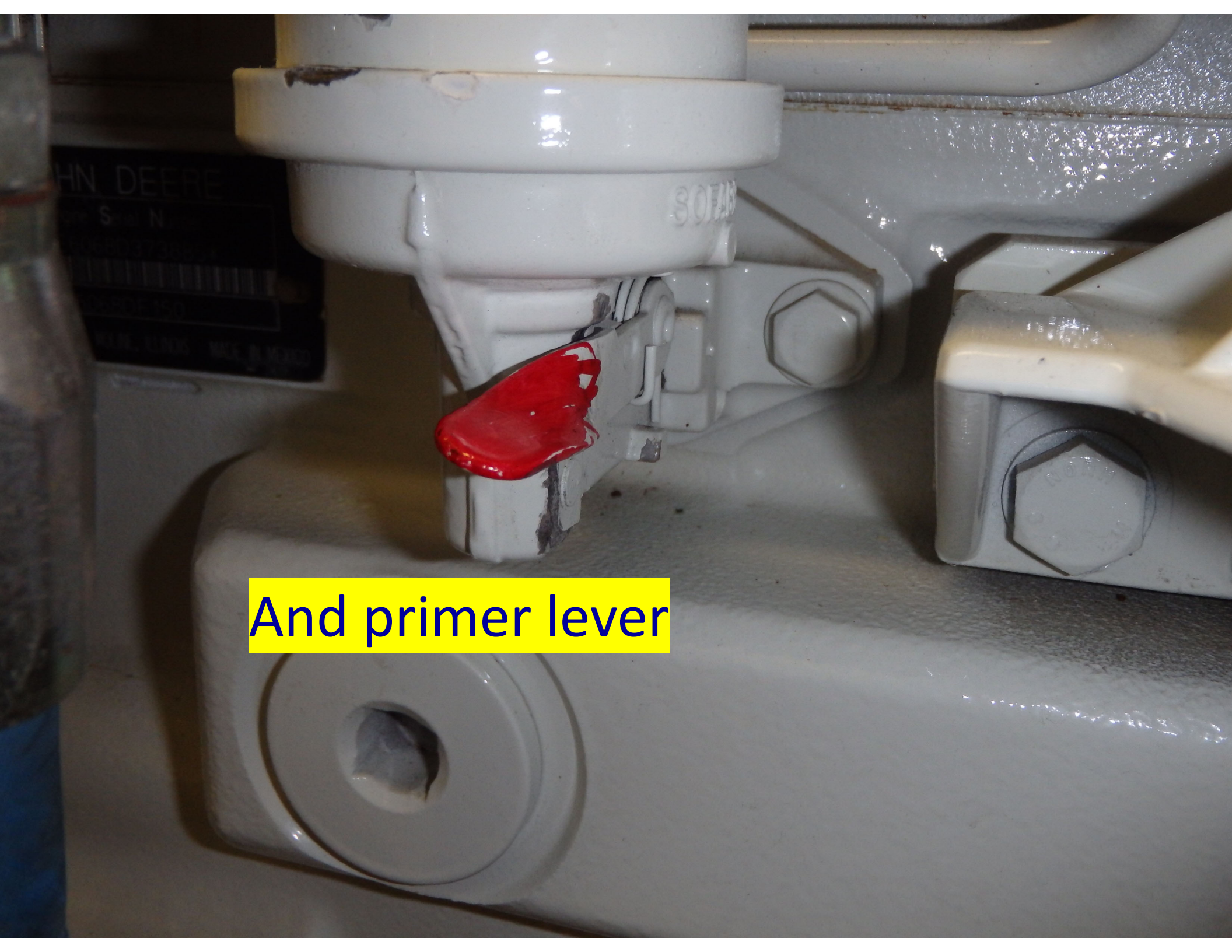


Nail polish or red Sharpie to mark Zincs





Mark fuel filter for bleeding



And primer lever

Potential trouble, will your muffler drain?

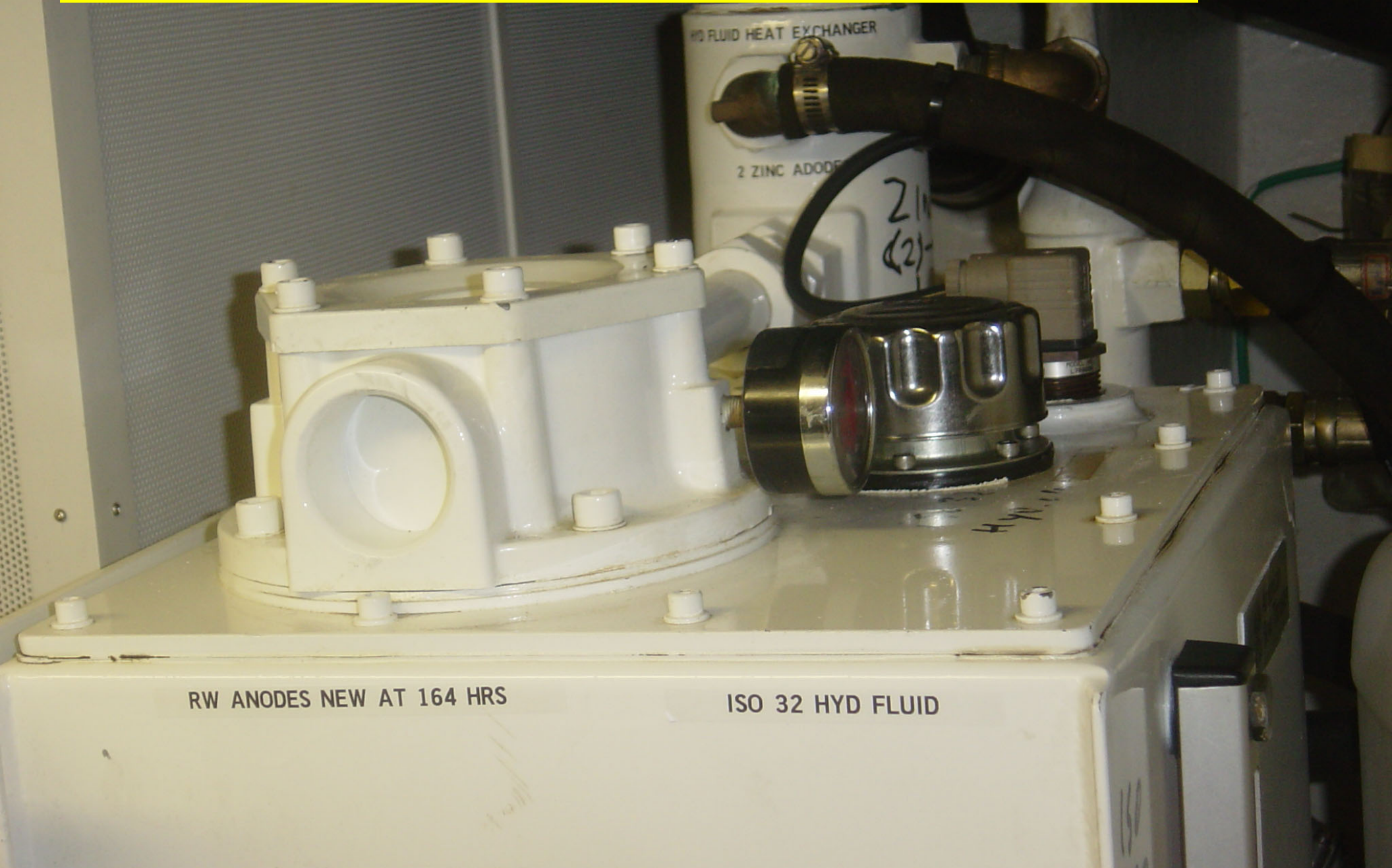


Install a drain valve





# Anodes (pencil zincs) and hydraulic oil weight





Coolant over flow catcher



DELO 400 15W-40

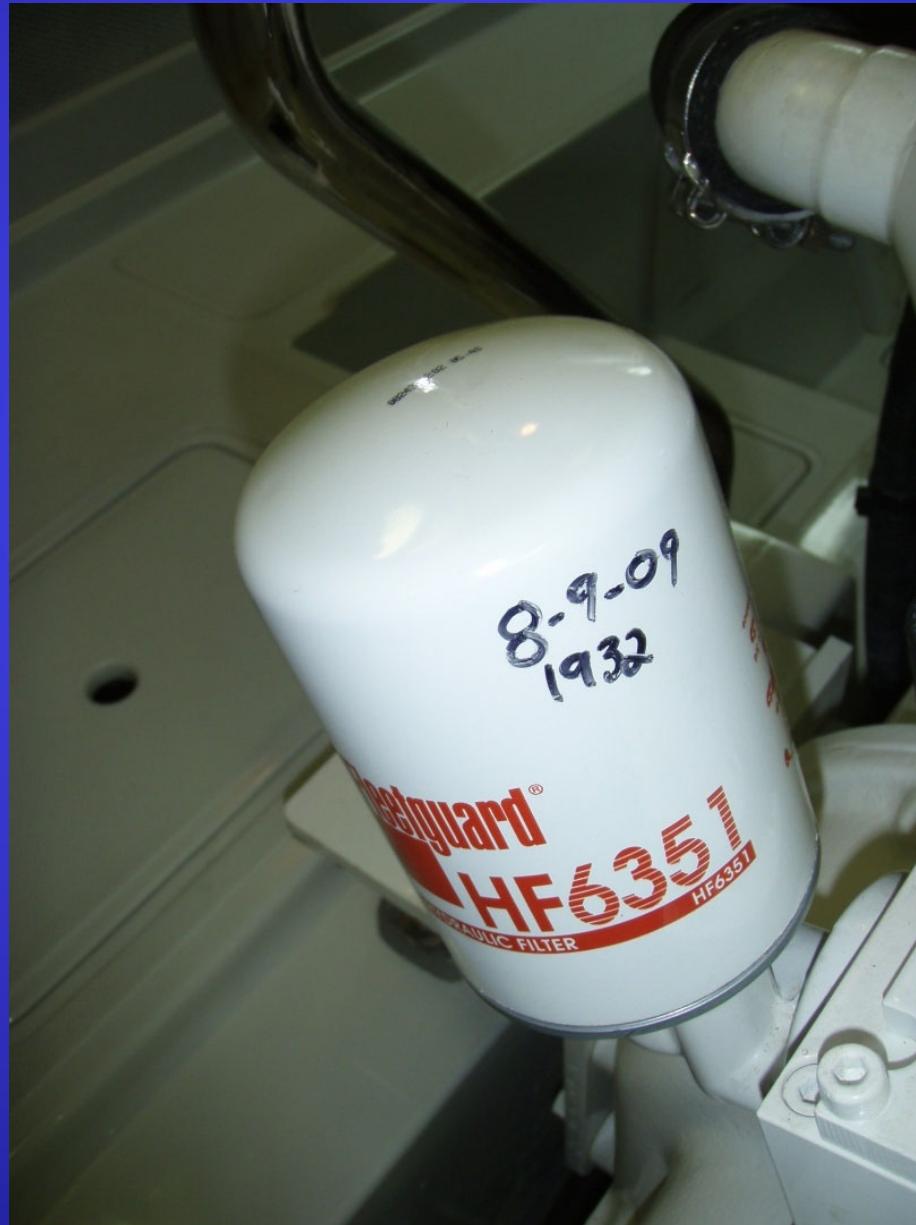
4 GALLONS

Brand of oil, viscosity weight and quantity.

Make it easy!



# Label filters to track changes



BILGE PUMP  
POWER SOURCE  
(50A FUSE)

FROM STBD. ENG.  
ISOLATOR TO  
CHARGE HOUSE  
BANK (60A FUSE)

FROM PORT ENG.  
ISOLATOR TO  
CHARGE HOUSE  
BANK (60A FUSE)

Identify fuses, carry spares

POR

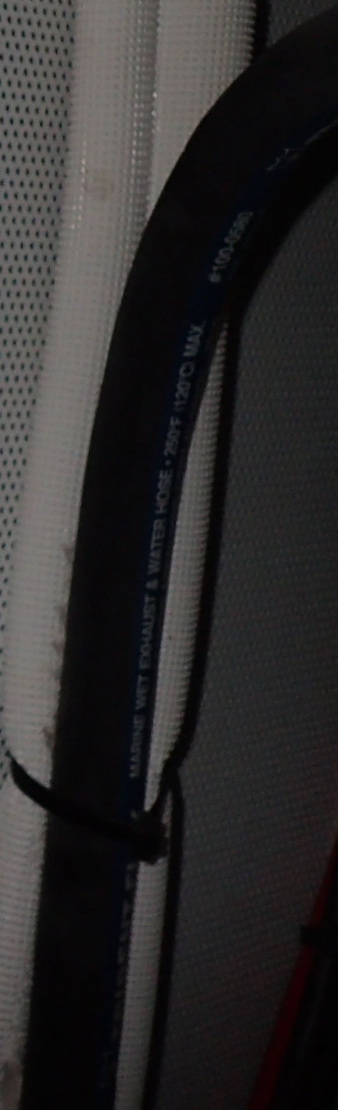
**Secure spare fuse near active one**



Replacement at location



HOUSE BATTERY FUSE



# Stuffing box wrench caddy





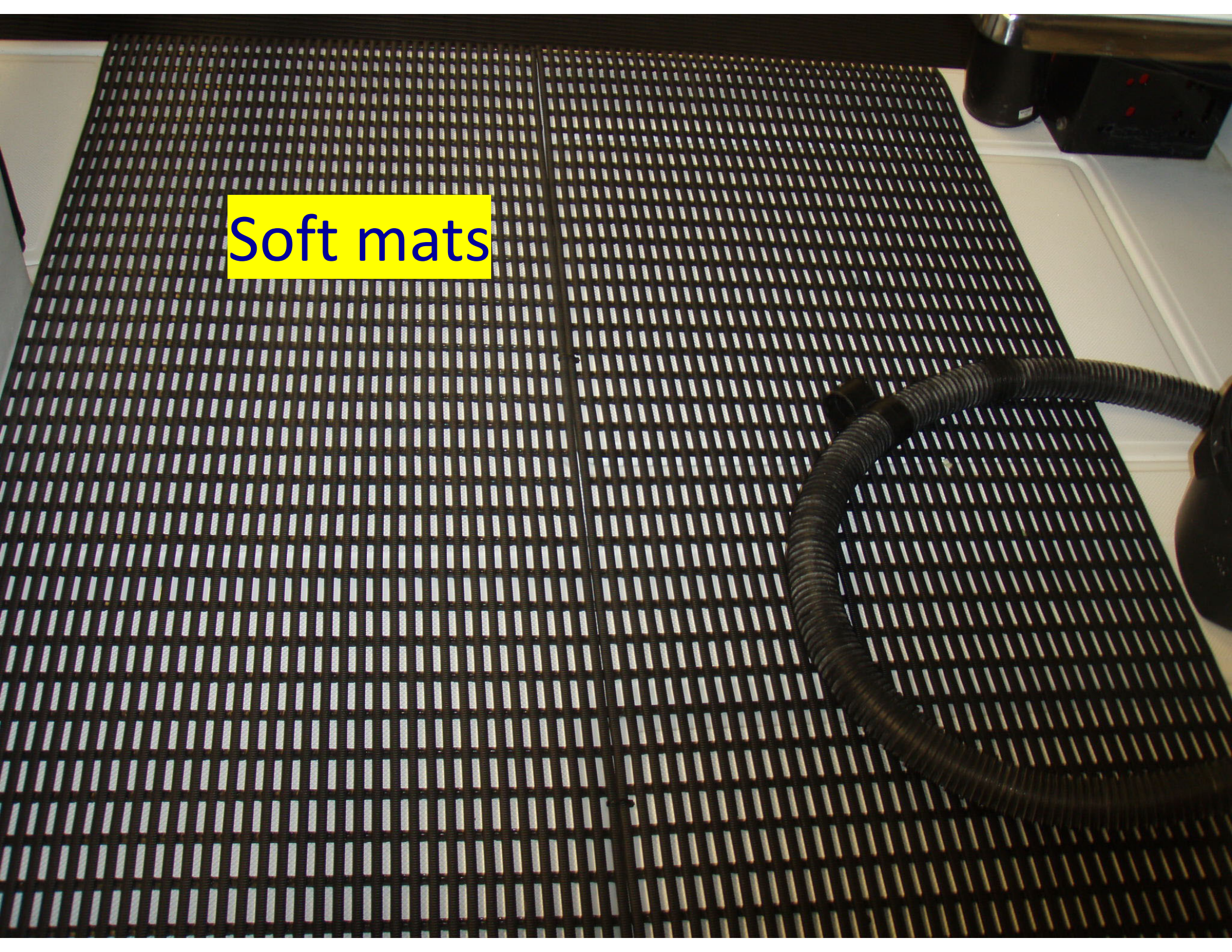


Cleaning  
spray  
bottles  
ready

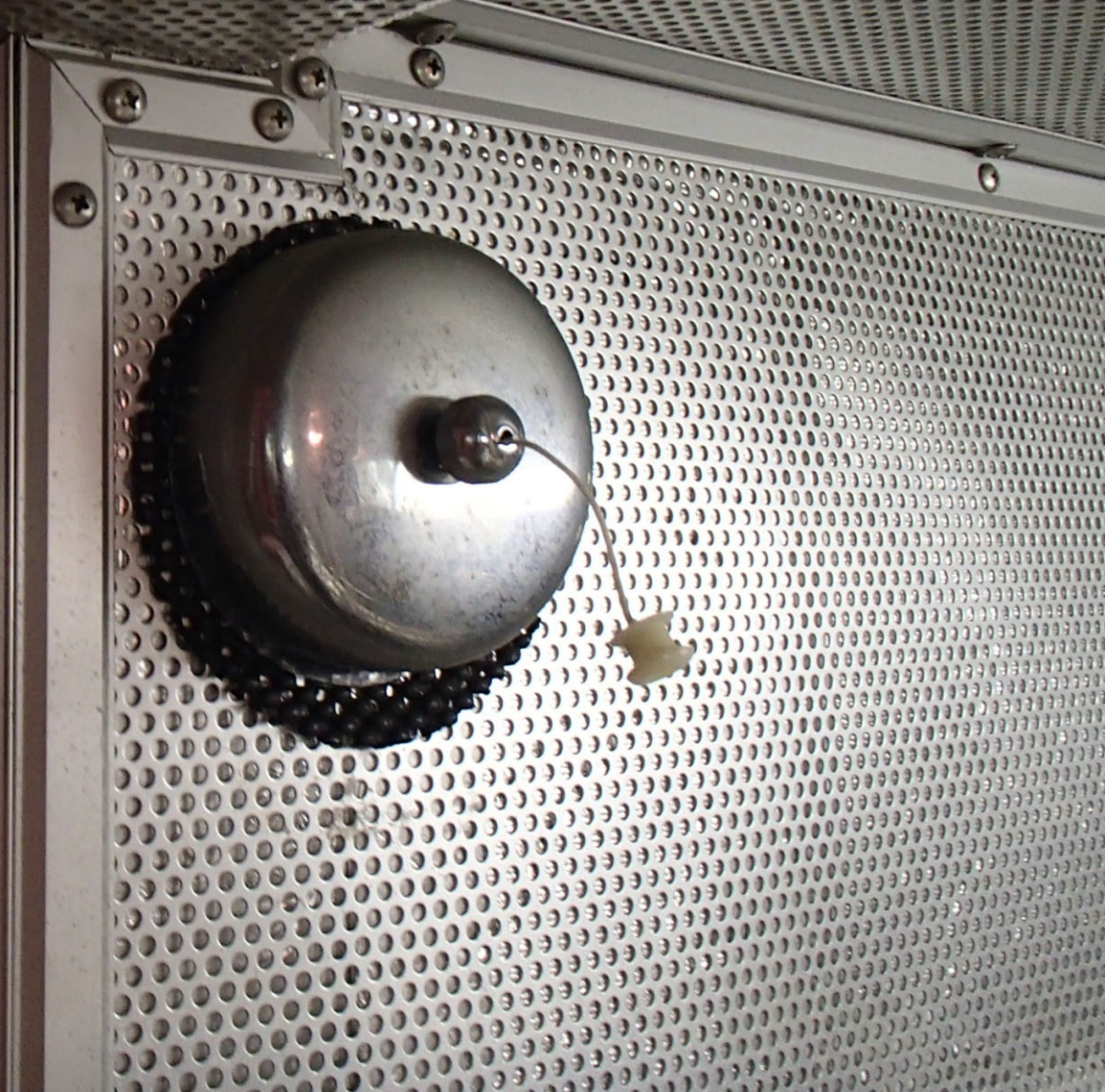
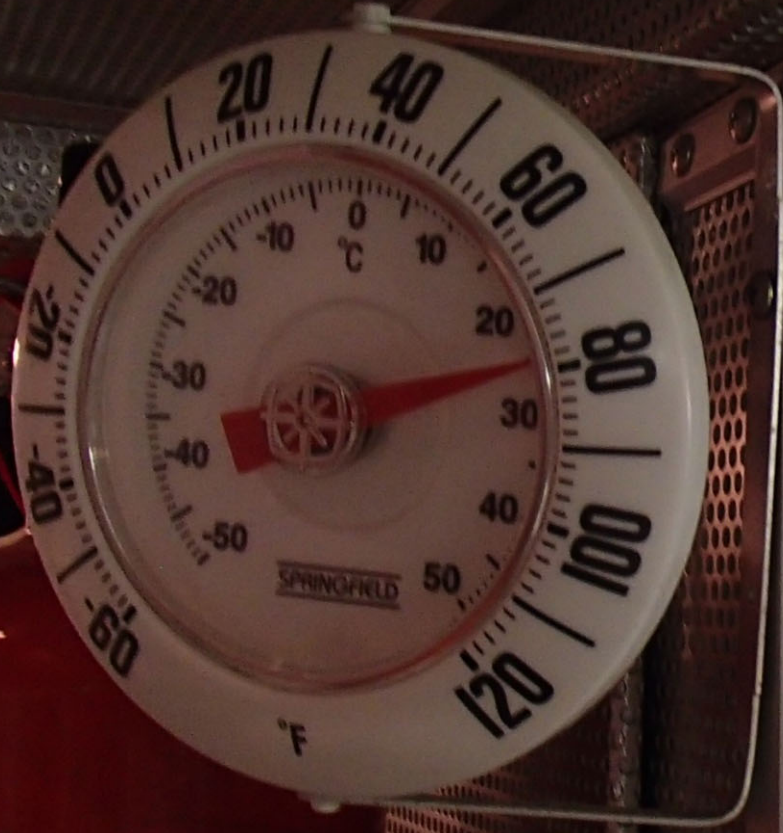


Fresh water tap and bucket

Soft mats



Engine room temp and clothes line





Cleaning product shelf



Storage hammock

A blue, woven mesh bag is shown, designed for use with through hull bungs. The bag is rectangular and has a central opening. It is attached to a white surface, likely a boat hull, via three circular bungs. The bag is made of a fine, blue mesh material. A yellow text box is overlaid on the center of the bag.

Suction mesh bag for through hull bungs




Zippered pillow bag for engine diapers



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](mailto:Jeff@JMYS.com)

A sunset over the ocean with a yellow text box. The sun is low on the horizon, casting a golden glow across the sky and reflecting on the water. The sky is filled with scattered clouds, some of which are illuminated by the setting sun. The water is dark blue with small waves. A yellow rectangular box is positioned in the upper left corner of the image, containing the text "Thank you!".

Thank you!

Dial-In-Your-Trawler series PDF on [www.JMYS.com](http://www.JMYS.com)