



Fun, Friends...and Better Boating!
Wilmington Sail and Power Squadron



THE LUBBER'S LINE

VOLUME 83, ISSUE 2

Our 83rd Year 1938-2021

March - April 2021



83rd Change of Watch



Please join us for an enjoyable Change of Watch Ceremony on Friday night, January 12 at 6:30 PM on Zoom. The connecting link will be supplied via email prior to this event.

The ever-entertaining Dennis Wallace has agreed to be our Master of Ceremonies! Additionally, we are fortunate to have America's Boating Club Mid-Atlantic District Commander, Jeffrey Short JN, a member of ABC Annapolis, will officiate the induction of Officers for the 2021 – 2022 Bridge.

Since the formal program will be shortened on Zoom, and no one needs to go up to and back from the podium, we have time for some fun after the formalities! Don Engler, our master photographer, has prepared a slide presentation, "WSPS Reflections on the Past 40 years!" Lynn Mahaffy and Sandy Netting will share some "way back" slides from the 50s to the 80's.

Squadron members are invited to recall your funniest or favorite memory of squadron activities. Special thanks to Don for his creative photographic skills, to Sue Engler who let Don put a slide presentation together in the middle of their move in Florida, to Barbara Sharpless for her support with the Agenda, and Betty Ingram for coordinating the invitation! Please join us for an important and entertaining induction and social! Look forward to seeing you then!





Wilmington Sail and Power Squadron 2020 - 2021



Our Commander's Message



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Ah Spring! A new WSPS year is before us! We have successfully enjoyed our Socials and productive Executive Committee meetings virtually this past year! Our goal of providing value for our members continues regardless of the challenges! Education has been a major focus for members. A big congratulations to Kathy Leef, Randy Williamson Bruce Wyngaard and Bill Zimmerman for completing and successfully passing the Celestial Navigation Course, a huge accomplishment! Four members are taking a Weather Course offered by ABC Baltimore. Three members are taking an online WSPS course on Piloting, one on Boat Handling, Some of us learned more about Weather from a Seminar hosted by ABC Kent Narrows. ABC Rockville invited us to their program, "How to Buy a Used boat", and in return attended our February program. Many thanks to Dave Benfer, our SEO for his support with WSPS course materials! The biggest benefit of Zoom - to be able to take courses, seminars and attend programs offered by other Squadrons regardless of location!

As I reflect on the past year, I once again want to thank all those who made it so undeniably successful, our excellent and experienced Executive Committee, Socials Coordinator Betty Ingram, John Ross, our talented Treasurer and Web Master, our Lubber's Line editor and his trusty team of writers. Don Engler spends hours creating award winning newsletters and monthly pictures for Chesapeake boating magazines. Thanks also go to Chris Atkinson who handles Merit Marks, and the membership roster, John Bailey, and J.T. Walton, for Vessel Safety Checks, the most completed ever! Donna Zimmerman, co-chairing the 2020 Annual Cruise, Bill Zimmerman for his support. And, of course, our thanks go to our dedicated Squadron Secretary Barbara Sharpless, who makes sure we are on track, and have charted a reasonable course.

Our new Program Committee used their creative thinking to find interesting speakers for our winter Social Programs. Thanks to Lynn Mahaffy, Joan Barber, Kathy Leef, and Leslie Brower!

To maintain a strong organization that is continually renewing itself through new membership, how do we reach out to like-minded individuals who might consider WSPS? To provide additional focus, we have initiated a Marketing Committee. Mark Atkinson, Bill Barber, Don Engler and Kathy Leef have graciously agreed to serve. More to come on that!

In the meantime, Happy Spring Commissioning everyone! Stay safe and stay healthy!! See you at our WSPS Change of Watch!

Cdr Carol Hanson, P

New Navigation Software We Can All Use

Those of us that just completed the Navigation course with the Wilmington Sail and Power Squadron have started using OpenCPN navigation software. It's a great program and free to download since it's open source software. Scott Mayhue has been using this software for many years now and has helped in its development and testing since its early days. His experiences with this software is on the following two pages.

Prior to our use of OpenCPN and continuing in parallel, Donna & I use Coastal Explorer software on our PC laptops. Both software packages are capable of downloading and using all NOAA raster and vector charts as well as other chart sources such as C-MAP that are purchased.

We used the Navionics charts on our Raymarine chartplotters for years, and these are fine for US waters. But as many people have noted, the Explorer charts are better for the Bahamas and C-MAP incorporates these Explorer charts in their Bahamas electronic charts. Recently on "Mystic Star" we updated our chartplotters to B&G units and now use C-MAP source charts.

Another extremely useful tool for navigating on the ICW is Aqua Map app. This includes the latest changes to the many channels in the waterway and even better, it can incorporate the latest Corps of Engineers depth surveys in trouble spots along the ICW. Donna has been the expert at downloading and using this information for us which is conveniently displayed on an android tablet or cell phone. It is complimentary to helm display nav software as one navigates the close quarters of the intra-coastal waterway.



*Bill Zimmerman, N
Lubber's Line Contributor*



Mystic Star

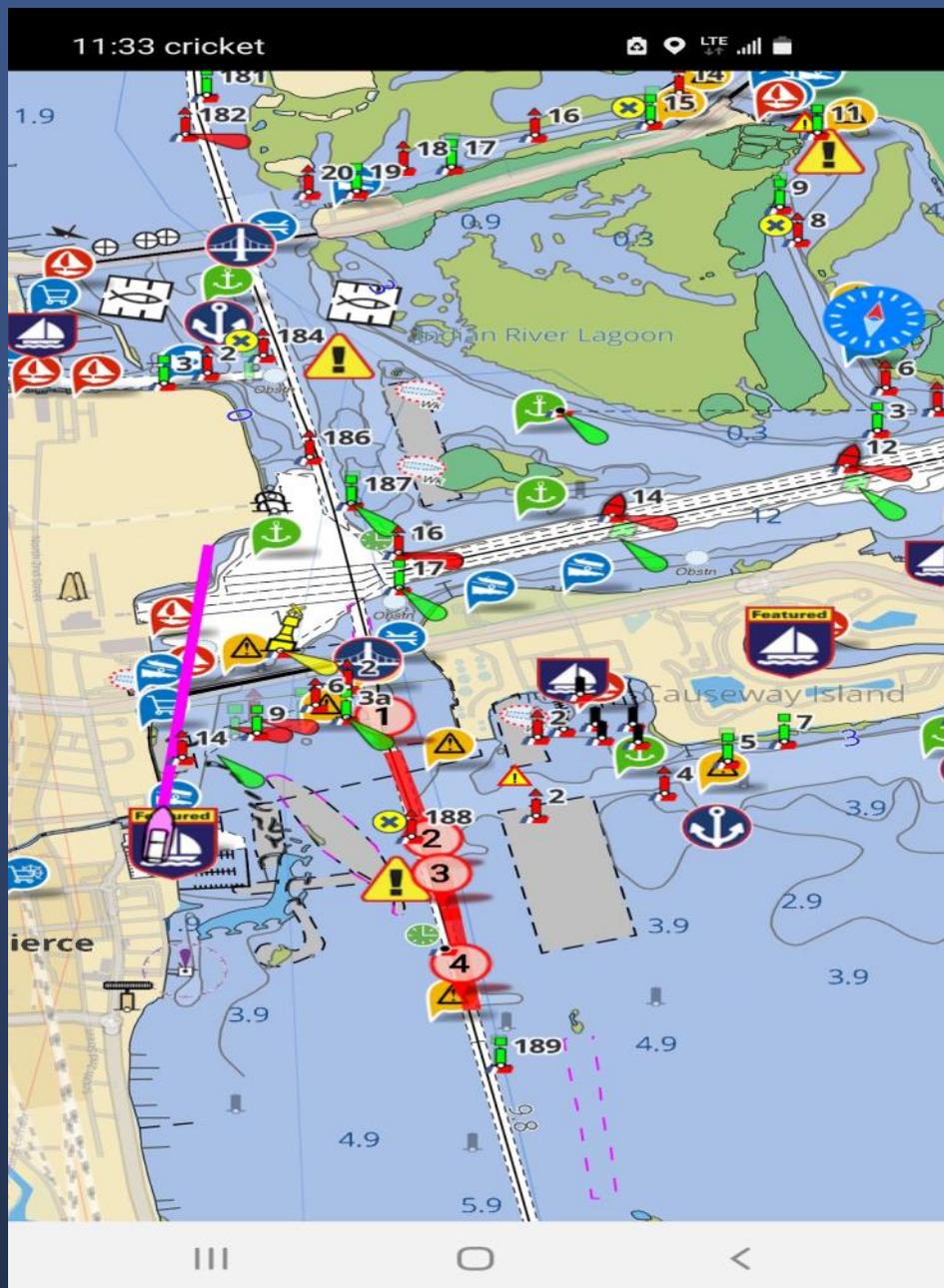
Marine Navigation for the Year 2021

Currently on "Star Reacher" I've used several computer based and smart phone based navigation programs. I am presently using Opencpn and Aquamap for all of our on-water applications.

Aquamap APP is only available for Apple IOS and Google Android. Aquamap requires you to pay for both the APP and charts. Aquamaps chart selection is impressive.

You can choose from NOAA charts, Explorer Bahamas charts, to charts of Europe's waterways. The best features of Aquamap are the Army Corps of Engineering Hydrographic survey charts of the ICW and inlets throughout the USA that can be overplayed on the navigation chart to aid in navigating shoaled areas. The next best features are Active Captain and Waterway Guide bridges, marinas, and anchorages information available on the chart with just a touch.

Aquamap is a great APP to use when navigating the ICW, Chesapeake Bay, or any area where shoaling can be a problem.



Marine Navigation for the Year 2021

OpenCPN has been out for several years. It started as a Linux OS based program. That's how I began to use it. I've been a Linux user since the 1990's.

OpenCPN is now available for the following operating systems: Windows, Linux, Apple Mac IOS, Google Android. OpenCPN is an open source free program; however, OpenCPN developers appreciate a monetary donation toward further development. OpenCPN uses NOAA Raster, ENC, Navionics (need License), British Admiralty charts. Many other chart types can be used.

OpenCPN can also be used for the following routing: weather routing, download Grib files, overlay Grib files on chart, downloading weather fax, overlay weather fax on chart, distance measuring, and vector plotting for dead reckoning. These are just a few examples of the many functions available in OpenCPN.

An advantage of OpenCPN programming is it continually improves because it's free, and many programmers and developers contribute to each revision. If you use OpenCPN, please assist with development by joining the forum and bug reporting page to make the next revision better.



Scott Mayhue
Lubber's Line Contributor



Star Reacher



Flotsam and Jetsam

How well do you know nautical terminology?

Some terms are merely confusing while others are downright archaic.

Here's a quick test. Select the best answer to this question: What do you call an article that has been accidentally lost overboard and is floating free in the water?

A) *flotsam* B) *jetsam* C) *lagan* D) *finders keepers*

The answer is A. Although flotsam and jetsam are both examples of marine litter or debris, they are legally different. **Flotsam** is based on the French word *flotter* meaning "to float". Flotsam is defined as floating debris that has not been deliberately thrown overboard. Flotsam may be the result of an accident such as a capsized, wreck, or an item lost overboard in rough seas. According to maritime law, flotsam may be claimed by its original owner. It's good practice to put your boat's name and a phone number on items that tend to be lost overboard such as fenders and PFD's so that you may recover your own flotsam.

Jetsam is short for "jettison". Jetsam is marine debris that has been deliberately thrown overboard usually to lighten the ship's load. Jetsam brings to mind old sea stories of sailors throwing wine barrels and ship's supplies overboard as they desperately try to escape from pirates. A more modern example of jetsam is bales of contraband thrown overboard by drug dealers. Legally, jetsam may be claimed by whoever recovers it, so it's kind of like a maritime version of "finders keepers."

Lagan is a sunken article from a ship. A lagan is attached to a buoy or other floating marker which identifies the owner of the sunken object. According to maritime law, the lagan belongs to the ship/owner. So don't touch the crab pots!

For more information about terminology: <https://oceanservice.noaa.gov/facts/flotsam-jetsam.html>

Flotsam and jetsam clogs waterways, hurts and kills marine wildlife, and washes ashore trash-ing beaches and coastlines. If you'd like to learn more about efforts to clean up marine debris in the mid-Atlantic area, please visit: <https://marinedebris.noaa.gov/mid-atlantic>

Joan Barber, S
Lubber's Line Contributor



Skylark



Boating Safety News

U.S. Coast Guard Certificate of Documentation Scam



Boat Owners Association of The United States (BoatUS) is advising boaters with vessels that have a U.S. Coast Guard Certificate of Documentation to be wary of any letter arriving by U.S.

mail offering renewal. Boat US advises that while the Coast Guard does send official annual renewal notices by U.S. mail, other notices being received by members are not from the Coast Guard but rather third-party companies whose name or return addresses may appear similar to that of the official U.S. Coast Guard National Vessel Documentation Center (NVDC).

While third-party companies may legitimately provide services to assist with vessel documentation renewals, the Coast Guard's own renewal process is simple for most vessels and the price, \$26 annually, is often much lower than what third-party services may charge.

To renew, go to the Coast Guard National Documentation Center website at:

<https://www.uscg.mil/nvdc>

and click on "instructions and forms," then "Certificate of Documentation Application for Renewal." BoatUS notes that the Coast Guard NVDC now also offers renewal options up to five years for recreational vessels only.

Recreational vessel owners who wish to renew for more than one year may do so by including additional fees in the amount of \$26.00 per extra year requested, and annotating same on the CG-7042 Credit Card Form, or in the Memo line of checks.

To be documented, a vessel must measure at least five net tons and, with the exception of certain oil-spill response vessels, be owned by a U.S. citizen. Boats about 27 feet in length or longer generally meet the weight requirement.

BoatUS also advises boaters who may have received mail that they believe is misleading or deceptive to contact the U.S. Postal Inspection Service at 877-876-2455 or through its website <https://postalinspectors.uspis.gov>.

*P/C Donald Engler, AP
Lubber's Line Editor*



Jubilee



VSC in 2021



Free Vessel Safety Check!

No Cost, No Obligation, but just indispensable information to keep you safe on the water!

***Schedule your free vessel safety check this spring with our two vessel examiners: Lt John Bailey, AP & JT Walton.
John's email address is: mpnwhat@gmail.com***

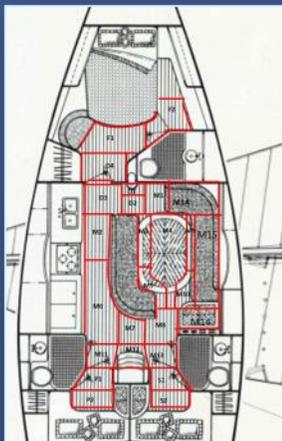
*Lt John Bailey, AP
Vessel Safety Check Examiner*



Novus



Replacing the Flooring in Windward Passage



After 25 years and over 55000 miles of sailing, the floor boards on our Beneteau 445, "Windward Passage", had water damage and delamination of some of the plywood. There are 25 individual boards with a top laminate that have a stripe pattern that simulates a teak and holly wood construction. I looked into purchasing replacements for the damaged boards from Beneteau but they were no longer available. I found a supplier of vinyl floor covering designed for boat decks and flooring and decided to build the replacement boards myself.

The most severe damage was in the vicinity of the mast step so I made replacements for the four boards in that area. Unfortunately, I was not able to match the stripe pattern of the original boards, but I found a pattern that I liked and developed a process to duplicate the old boards. I was pleased with the results and decided to replace all of the boards. I used a diagram of the interior of a Beneteau 445 that I found in the Beneteau literature and drew each of the individual pieces on it to develop a plan for purchasing materials and documenting the production process. Using this diagram I was able to layout the individual pieces on four sheets of marine plywood with minimum waste.

The next step was to duplicate the remaining 21 boards and trial fit them. I discovered that the thickness of the original flooring was not consistent but varied from 7/16" to 3/4" but I decided to make all of the new flooring 3/4". In retrospect, I probably could have saved some effort and money by using 1/2" boards throughout. I decided to not replace the boards under the settee in the main cabin and the water heater and fresh water pumps and plumbing were there and all would have to be removed.

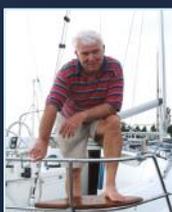


Once all the boards were cut and fit, I laid them out in our basement so I could ensure that the stripes were aligned along the fore and aft direction. Ensuring that the stripes were aligned at the transitions between the cabins was probably the most challenging aspect of the project. I sealed the bottom and edges of each board with West Epoxy to eliminate water penetration going forward. The vinyl was glued to the bare wood on the top to allow the penetration needed for good adhesion.

The entire project took about 56 hours and cost \$1648, I documented the process in an article that you can access on our website: http://svwindwardpassage.com/uploads/3/4/9/7/34977643/flooring_project.pdf Susan and I are delighted with the final product but like all boat projects it has led to more projects by exposing the need to enhance all the rest of the woodwork in the boat! That's a project for next year.



Randy Williamson, N
Lubber's Line Contributor



Windward Passage



Administrative Department

Copyright and Trademark

COPYRIGHT statements: Copyright 2020 name of Club / Squadron, City and State of Secretary.

The reason for including the city and state of the Secretary is so that the owner can be contacted if necessary; i.e.: Copyright 2020 Americas Boating Club ® Lehigh Valley™ Walnutport, PA 18088.

The purpose of using a Copyright statement is to protect the organization from someone else using their intellectual property (article, program, design, artwork, photographs, etc.) without permission (oral or written - email OK is legal document). The copyright statement need only be included on the front or inside front cover of a publication.

TRADEMARK PROTECTION statements:

There are three categories or types of Trademarks and Statements:

® The ® symbol is used for Trademarks that have obtained registration status with the U.S. Patent and Trademark Office. It may be used to identify a company / organization or product name ;Statement; a Logo, a Product; or a Positioning Statement. If a product, the generic name should always follow the trade name as an adjective to define it; i.e. **Americas Boating Club ® Lehigh Valley™**

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The symbol is used to protect a the name of a service company / organization name or the specific service they perform. Company names should be those which provide a service. An example might be: ABC - Mid Atlantic Port Captains



Copyright and Trademark (continued)

If a company or organization doesn't use a registered trademark, a trademark, or service mark symbol properly, another business or organization can use your idea. Without protection, you may not be able to do anything about it or worse, lose the right to continue to use it yourself, or it becomes a generic use altogether.

Hundreds of Registered Trademarked Brand Names have become generic or lost due to improper use, a few of the better known are: Band-Aid, Bubble Wrap, Chapstick, Cigarette Boat, Dacron, Donut, Freon, Javex, Jet Ski, Nylon, Pampers, Post-it, Thermos, and Taser.

This is why it is vitally important that all units of the Americas Boating Club® use the trademark symbols properly, particularly when used in conjunction with their local "Club" name, which they can also protect with the ™ symbol if they wish to keep others from using it.

The proper use of all Trademarks must include the use of a trademark protection statement. **Americas Boating Club®; Americas Boating Club logo®; For Boaters By Boaters®; USPS®; and United States Power Squadrons®; are registered trademarks of United States Power Squadrons, Raleigh, NC.**

Note: only the trademarks used in a publication need be included, but it is often easier to include all of them, so none are missed inadvertently.



*P/C Donald Engler
Lubber's Line Editor*



Jubilee



Administrative Department

2021 WSPS Photo Contest



WSPS Members – When you go to the Chesapeake Bay, whether in the car or boat, don't forget to capture images with your camera or cell phone. The Photo Contest slated for judging last year was postponed until October 2021 so you have a full year to gather more of those images!

The categories will remain the same:

PEOPLE - BOATS - SCENIC/WILDLIFE - AND SUNRISE/SUNSETS

First, second and third place winners will be announced in November-December 2021 Lubber's Line. WSPS members can submit as many digital photos as they want in one category or in all of the categories. The winning images will also appear on the squadron's website. These images must have been taken between **1 October 2020 and 20 October 2021**. These images should be of life on the Chesapeake Bay where we spend most of our time. Folks should take a look at their archived images, select the best ones, check the date, to see if it is in range of the above dates, and send them via e-mail to:

Lt Sue Engler, P at: sue@englers.com

To guarantee the safe passage via the internet, please send (medium size) files from your phone or whatever your capture may be. If you are using a software program to extend/reduce the image's size, please make the longest side 2000 pixels and it's Ok to send multiple emails. Since we didn't have a 2020 Photo Contest, all images received in 2020 will be judged with the 2021 submissions. *By submitting images to this contest the photographer gives his/her permission to have the pictures published in the Lubber's Line and on: <http://www.wilmingtonpowersquadron.org/>*

So, show off your photographic skills and impress your fellow WSPS members!

Lt Sue Engler, P
Photo Contest Coordinator



Jubilee



WSPS Birthdays

March Birthdays

- March 5 - William E. Barber
- March 8 - Geraldine R. Walker
- March 24 - Jean Marie Bailey
- March 24 - John E. Schleicher
- March 25 - John A. Bryson
- March 26 - Dorothy Ann Brabson
- March 31 - Walter Osgood

April Birthdays

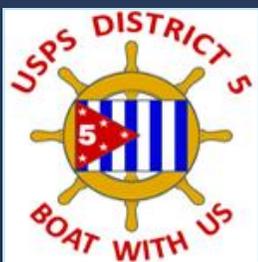
- April 3 - William A. Parsons III
- April 10 - John H. Bailey
- April 15 - Janet E. Bryson
- April 15 - Charles R. Stadler





Schedule of Up-Coming Events

12 March	1830	WSPS Change of Watch Via ZOOM
17 March	1900	WSPS Executive Committee Meeting Via ZOOM
05-08 April		D/5 Spring Council and Conference Virtual Meeting
15 April		Deadline for May/June/July Lubber's Line Material
21 April	1900	WSPS Executive Committee Meeting Via ZOOM
30 April - 2 May		Annapolis Spring Sailboat Show City Dock



— Coming soon after the vaccine —
Join us for weekly luncheons each
Wednesday @ 1130
At Seasons Pizza 3901 Concord Pike
Wilmington, DE 19803



Visit us on the web at: www.wspstoaters.com

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