



The Newsletter of the Northern Virginia Sail and Power Squadron



# of TARS & TERNS



Volume LI Number 7

[www.nvsps.org](http://www.nvsps.org)

[www.BeyondBoating.org](http://www.BeyondBoating.org)

[www.uspsd5.org](http://www.uspsd5.org)

September 2018

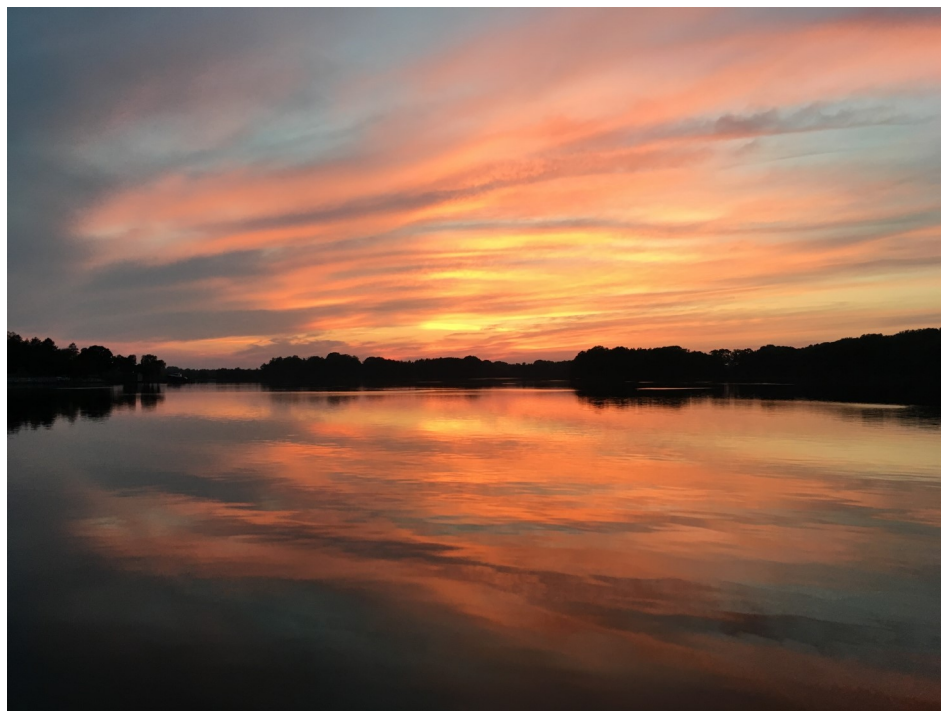


Photo location  
page 7

**District 5 Fall Conference - Annapolis Doubletree Hotel October 26-18, 2018**  
Information in the District 5 Newsletter that has been mailed or emailed to you. Deadlines are Oct 4 (Hotel) and Oct 12 (Reg)

<http://www.uspsd5.org/squadrons/6243/mark5.pdf>

### September

- 12 **General Membership Meeting, at BoatUS HQ. 7:30 pm**
- 14 Tour Williams & Heintz Map Corp. Lunch afterwards at Los Tios Grill, Alexandria. Contact Editor
- 26 Executive Committee Meeting. All members welcome.

### October

- 13 **Oktoberfest and General Membership Mtg** at Fairfax Yacht Club (No Wed Mtg)
- 24 Executive Committee Meeting. All members welcome. First meeting at new location TBA.

### November

- 14 **General Membership Meeting. New Location: Los Tios Grill, Alexandria, VA. Arrive and order food between 7:00 and 7:30 pm. Meeting at 7:30 pm.**
- 28 Executive Committee Meeting. All members welcome.

More: <http://www.nvsps.org/docs/calendar.pdf>

*Meetings location Information page 2*

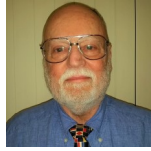
**NEW TEMPORARY MEETING LOCATION ON Nov 14, and it may change after that.**



## Bridge Officers

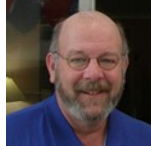
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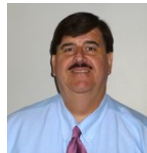
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## September Meeting Location Only: Only the September General Memb. Mtg will be held at the BoatUS™ HQ Building.

Wed. evening Gen Memb mtgs will begin at 1930 on the **2nd Wed of each month** *except no mtgs in Aug. and Dec.* The May and Oct mtgs will be combined with other events on diff days. Social Time 1900-1930. Changes will be posted in this newsletter or on the Squadron website.

### BoatUS Headquarters meeting location:

**880 S. Pickett Street, Alexandria VA 22304.** From Capital Beltway, take the VA-613/ Van Dorn St exit # 173, towards Franconia. Turn left onto S. Van Dorn St / VA-613 North. Turn left onto S. Pickett St. Go less than .5 miles and turn in at first the BoatUS™ sign and go to the lighted parking lot in rear. Proceed to the entrance under awning. Press buzzer on right to request entry. We thank BoatUS for giving us mtg space for 29 years and wish them well on their move. Starting Nov 2018, our squadron will start mtg at a new location. Send suggestions to the Commander.

**The Nov. mtg will be at Los Tios Grill Restaurant in the glass room. Alexandria. VA [www.lostiosgrill.com](http://www.lostiosgrill.com). The meeting location may be different in January**

**Vessel Safety Checks Chairman, P/C Rich Unis, JN,**  
SkipperUnis@gmail.com, 703-588-7030

Like us on Facebook

so you get reminders about our  
meetings, events, newsletter posting

Find us on 

### MEMBERS AT LARGE

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## Of Tars & Terns

The official publication of the  
**Northern Virginia Sail and Power Squadron**  
Posted online in color at [www.nvsp.org](http://www.nvsp.org)



**Articles, opinions and advertisements do not necessarily reflect USPS® policy or endorsement unless so designated**

Of Tars & Terns is published ten months of the year and mailed to all NVSPS members. July/August and January/February issues are combined. All Of Tars & Terns newsletters are published online at NVSPS.org in color. Submission deadlines are the 15th of the month prior to the issue month (in first issue month in combined issues) until further notice.

**Volume LI; Number 7: September 2018**

### EDITOR

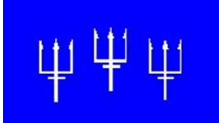
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## Message from the Commander

Dear Fellow Members,

Remember to sign up for the tour of Williams & Heintz Map Corp. on Sept 14, the Friday after our September meeting by emailing the editor. Cruising Charts specialist, Robin Heintz Luxenburg is an Annapolis Sail and Power Squadron member. She and the company are very kind to offer us a tour of how they print charts. You may have met her at company booth at District 5 conferences. I hope you enjoy the tour and have lunch together afterwards. (see page 8, bottom)

The District 5 USPS Fall Conference will be October 26-28, 2018 in Annapolis, MD. Register at <http://www.uspsd5.org> and look for updated information and seminar topics there.

Safe voyages,

Cdr Charles Hurley, JN

Open Positions:  
Administrative Officer—contact the Commander  
Assistant Newsletter Editor—contact the Editor  
Event Photographer—contact the Editor



### Attention Ship Store Shoppers

Our online Ship's Store at our website <http://nvsp.sqstores.com> offers shirts, jackets, totebags, and hats with our 50th anniversary gold bordered burgee on them. Watch for sales.

Burgees can be ordered from P/C Gale Alls, [galeandev@aol.com](mailto:galeandev@aol.com).

Boat Under	Burgee Size	Price
20'	10" X 15"	\$24.00 ea
30'	12" X 18"	\$26.75 ea
40'	14" X 21"	\$27.50 ea



**NOW IN STOCK FOR IMMEDIATE SALE**

**1- 9" X 14" NVSPS BURGEE**

\$24.00 plus \$5.00 shipping

Nametags can be ordered from <https://cpdean.com> or by calling 804-355-6588  
Pin, clutch or magnet backing available.



***Find out What's Happening in our four quadrants. Resources:***

### **Virginia in General**

<https://www.virginia.org/>

<https://www.northernvirginiamag.com/things-to-do/things-to-do-features/2017/07/11/seven-spots-for-fishing-boating-and-water-sports/>

### **Fairfax County**

<https://www.fxva.com>

### **Prince William County**

<http://www.pwcgov.org/>

<https://princewilliamliving.com/>

<http://www.pwcgov.org/government/dept/park/pages/default.aspx>

### **Alexandria**

<https://www.visitalexandriava.com>

### **Arlington County**

<https://www.arlingtonva.us/>

<https://www.stayarlington.com/blog/enjoy-gravelly-point-park-and-columbia-island-marina-car-free/>

### **Also District of Columbia**

<https://www.wharfdc.com>

<https://washington.org/>







## Message from the Educational Officer



Ph Credit: Alan Hart

Do you know  
how to throw  
a throw rope?  
Learn at the Sept 12  
meeting and at  
Oktoberfest Oct 13.

We'll have one, but bring yours or  
buy one at West Marine.

We are planning the Fall seminar  
schedule. **If you have interest in  
teaching a seminar on any the  
following topics please let me know:**

Using GPS, Knots, Bends and Hitches, Marine Radar, Anchoring, Paddling safety, Weather  
*NVSPS Thanks West Marine for hosting our Spring 2018 seminars!*

Lt/C Dean Markussen, AP, MMarkusen2@comcast.net



Ph Credit: Claire Wyngaard

### ***From the Editor - Term of the month: Prismatic Coefficient***

The ratio of the volume of displacement of a ship to that of a prism equal in length of the distance between perpendiculars of the ship and in cross section to that of the immersed midship section - Definition by  
<http://www.Merriam-Webster.com>

According to the Fontaine Design Group, the prismatic coefficient (P.C.) is a technical term used to define how displacement is distributed along a hull, or how fine or full the ends of the hull are. Typical sailboats have a range of .45-.60 with a maximum theoretical number of 1.00 possible only for a submerged cylinder (e.g., a barge) with equal distribution of volume along the entire length. The distribution of displacement, or P.C., has a great effect on the wave-making component of resistance of a hull through the water. Every boat (sail or power) has an optimum P.C. for a given hull speed. Read more here: <http://www.fontainedesigngroup.com/about-us/prismatic-coefficient/>

Stephen M. Hollister says, Design optimization is complicated by the infinite variability of the hull shape and the close interrelationship among all of the major design variables. As a vessel is stretched along its length, the **prismatic coefficient**, longitudinal center of buoyancy, and displacement all change. It is difficult to isolate and examine the influence of each major hull shape parameter on the vessel. This paper describes a computer program that solves this problem by automatically varying the shape of a parent hull while maintaining constant values for the major design parameters, by Stephen M. Hollister on this website: <http://www.newavesys.com/hullvary.htm>

More about hull shape at Wikipedia: [https://en.wikipedia.org/wiki/Hull\\_\(watercraft\)](https://en.wikipedia.org/wiki/Hull_(watercraft))



## From the Vessel Safety Check Chair P/C Rich Unis, JN

P/C Gale Alls, SN and I conducted Vessel Safety Checks (VSCs) at Old Dominion Boat Club (ODBC) in Alexandria, VA on Saturday, July 14<sup>th</sup>. We had the privilege of inspecting 12 vessels and finding the usual suspects of unsafe equipment – navigation lights that did not work due to either burnt out bulbs or faulty wiring, some lifejackets that were unserviceable (torn and in poor condition), improperly mounted Coast Guard documentation numbers, etc. All of the boaters at ODBC were very appreciative of us taking the time and effort to provide this valuable service.

**The VSC program is a very important ongoing public service effort sponsored by the United States Coast Guard Auxiliary, the United States Power Squadrons and BoatUS.** Qualified Vessel Examiners (VEs) from both organizations provide courtesy safety checks to mariners to ensure required safety equipment is aboard and in operational condition. In addition, the VEs discuss safe boating practices while conducting their reviews to ensure boaters are well informed of their responsibilities. Most importantly, VEs award the VSC decal (like the one pictured above) to boat owners whose vessels meet the minimum safety requirements. The decals are affixed to the port side of a boat in plain view of marine law enforcement personnel (US Coast Guard and Auxiliary personnel, Virginia Department of Game and Inland Fisheries Officers and Maryland Department of Natural Resource Police, etc). Merely having the decal won't guarantee a vessel won't be stopped and boarded but it does send a message to the boating law enforcement personnel and the public that the boat owner is conscientious and took the time to ensure they had the proper safety equipment on board. It's still up to the boat owner/operator to comply with boating laws and regulations.

**We could conduct far more VSC's but we need more VEs.** If you would like to become a VE, please let me know. You will need to study the VSC manual and take a quick certification exam, then conduct five VSC's in the presence of a qualified VE before becoming certified and able to conduct them on your own. It's not overly difficult and it's a lot of fun. I particularly enjoy meeting other boaters and assisting them to ensure their vessel contains all of the required safety equipment in order to meet the requirements to be awarded the VSC decal. You never know when your efforts just might save a life. Besides that, it's a great learning experience. I have already learned a lot about various vessels. Come

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Contact P/C Rich Unis, JN at 703-777-8378 or at skipperunis@gmail.com

**Dyke Marsh Wildlife Preserve to Get New Breakwater:** See Dredging Today:

**NEWS**

<https://www.dredgingtoday.com/2018/08/10/dyke-marsh-wildlife-preserve-to-get-new-breakwater/>

**Capital Dragon Boat Regatta, DC Aug 25.**

<https://www.wharfdc.com/upcoming-events/2018-08-25-capital-dragon-boat-regatta/>

## Our Favorite Boating Destinations

First favorite, Quarter Cove on the Wye River, MD. Very peaceful! Here is a photo from May...just after Memorial Day.

My second favorite spot is Onancock, VA on the VA eastern shore. Very quaint seaside town with new town docks.

—*Rich Unis*

Two recommendations – one quiet and peaceful, the other vibrant with lots to do, see and eat.

1) Quiet: At the top of Dividing Creek off the Wye River, MD. Secluded, quiet and in the middle of the Wye River Complex natural resource area. L 38° 35.442' N - Lo 076° 09.236' W

2) Vibrant: Baltimore Inner Harbor Marina (need reservations). Short walk in any direction to live music, great restaurants, museums, shopping and the Inner City complex. L 38° 16.966' N - Lo 076° 36.585' W

—*Jay Nelson*

One of my favorite boating destinations is Solomons Island, MD. It is close to the Chesapeake Bay, so when the weather is nice, you can go out into the Bay. When the weather is not so nice, the lower Patuxent River is more protected but still offers many interesting spots. If the weather is really bad, Back Creek is very protected and has lots of pretty places to "gunk hole."

—*Alan and Mary Hart*

The Piankatank River in Virginia is a beautiful cruising area. Very little boat traffic and many nice homes to see. Also The Tides Inn Marina in Irvington, Virginia. For the price of a slip rental, enjoy all of the amenities the Inn has to offer. L 37.663. N, lo 76.425 W

—*Gale and Evelyn Alls*

Two of our favorite Chesapeake Bay destinations are Solomons Island and St Michaels, MD. Both ports offer a marine museum, good restaurants and marine services.

—*Dick and Jean Durgin*

Jay stole my thunder with his mention of Dividing Creek off the Wye River. It was Manette's and my favorite overnight spot. Animals used to come down to the water's edge in the evening and if the sky was clear, there was a myriad of stars above. And no sounds except Nature. What a magical place. Caulk Cove, off of Broad Creek on the Choptank River is a wonderfully quiet area, but shoals make it a tricky approach. We also liked going up the Magothy River, past Dobbins Island and its noisy anchorage to a creek on the port side. And up the Chester River to Langford Creek, which was quiet and nice. Even up the South River to Aberdeen Creek is a quiet place to rest overnight.

—*Walt Lazear*



## ***Who's Who in the Squadron, Part 2 of 3*** ***The Appointed Committees By P/C Alan Hart, AP***

The Squadron Bridge delegates tasks to the various appointed committees of the squadron. These committees, and their chairs, are recruited and appointed by the Bridge and work to carry out the mission of the squadron.

The Squadron Education Officer (SEO) oversees the committees for each education course, as well as the Advanced Grades and Elective Courses committees.

The Educational Property Officer also reports to the SEO and handles educational supplies and course materials. The other appointed committees are usually divided among the Bridge officers by mutual agreement, so the chains of command may vary from bridge to bridge and from squadron to squadron.

In no particular order, these committees include the Chaplain, Flag Lieutenant, Merit Mark, Youth Programs (Sea Scouts), Boat Shows, Co-op Charting, Legislative Liaison, Safety, Vessel Safety Check, Membership, Webmaster, Newsletter, Distribution, Operations Training (also sometimes called Squadron Management Training or Officers' Training), Photography and Programs Committees.

In small squadrons, such as ours, one member may chair more than one committee and a bridge officer may also serve as chair of one or more committees. Ad-hoc committees may be established by the Ex Com or Commander for special purposes, as needed. Our recent 50th Anniversary Committee was a good example.

Some squadron committees are staffed only by the chairperson, but every chair can always use some help. Time spent and work done on any committee is counted toward a member's Merit Mark.

**Please direct questions to P/C Alan Hart, AP, Member at Large, contact info listed on page 2. Part 3 will be about Elected Committees.**

## ***Tour of Williams & Heintz Map Corporation,***

**a Certified NOAA POD Chart Printer**

**Publisher of Maryland Cruising Guides and Virginia Cruising Guides**

**Friday, September 14, 2018 11 am – Noon Free**

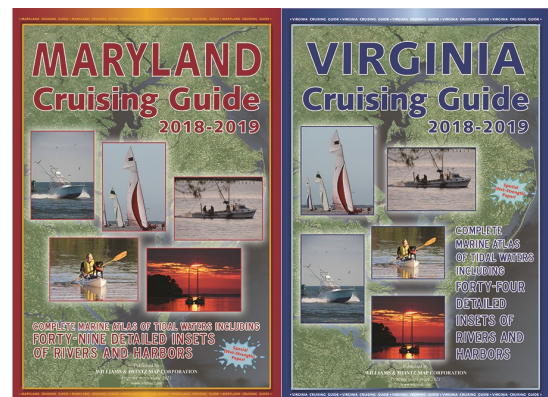
**Opportunity to buy cruising guides and NOAA charts. RSVP by**

**August 25 to [editor@nvsp.org](mailto:editor@nvsp.org) or 703-304-9152 .**

**Last call will be by end of Sept 12 Mtg.**

**<http://whmap.com/> Let's have lunch  
together after the tour at Los Tios Grill,  
Alexandria. Time TBA**

**W&H Location: 8119 Central Ave, Capital Heights, MD 20743**





**SATURDAY, SEPT. 22, 2018**

**11:00 am to whenever**

**Join the Hinkins and other NNSPS, NVSPS and Coast Guard folk for a**

## **Day at the Creek**



**Bring a lawn chair, your favorite water toy (paddle boards, jet skis, canoes, rafts, small trailerable boats, and life jackets) or sit and visit!**

**We will provide hamburgers and hot dogs and pulled pork. Bring a side dish or dessert if you wish.**

**Fishing, crabbing, and if high tide, boat rides should be available.**

**Don't want to drive back? Bring a bed roll. We have spare bedrooms. (Not many extra beds but we have the rooms!)**

443 Indian Banks Rd, Farnham, VA 22460

**RSVP Please by 9/17**

Hinkins phone numbers: 571-969-8600, 303-349-0106, or 303-349-3000

mjhinkins@msn.com, davehinkins@msn.com

Take I-95 to exit 130A (second exit) south towards Fredericksburg. Hwy 3 South turns right outside of Fredericksburg. Continue south on Hwy 3 past Warsaw continue to 608 (Farnham Creek, Rd.) then turn right \*Continue on 608 to the fork in the road to 606 (Simonson Rd) on the left \* Continue to Indian Banks Rd on the right. We are the first house at the curve on the left. Park on the shoulder or in the driveway. (\*Warsaw has a strict 45 mph speed limit beginning before the divided hwy.) Children (bring Life Jackets) with parent's welcome.

### ***Save the Date—January 5, 2019***

The Squadron 2018 Holiday Party will be held at the Springfield Golf and Country Club, Virginia **on January 5, 2019** at 1800. More info to come later.

### ***Seeking Field Trip Ideas***

P/C Gale Alls and P/C Dick Durgin are on the lookout for new interesting and educational places to visit. Call Gale at 703-569-1511 or Dick at 703-560-9106 with ideas.



**NVSPS—September 2018 Newsletter**  
 D/Lt W. Lazear, AP  
 2014 Lakebreeze Way  
 Reston, VA 20191-4020

**ADDRESS SERVICE REQUESTED**



**of Tars & Terns**



Next Membership Meeting September 12  
 Social Time 7:00—7:30pm  
 Wednesday Night Meetings -- 2nd Wed. 7:30pm,

**Northern Virginia Sail & Power Squadron**  
[www.NVSPS.org](http://www.NVSPS.org)



