

ON THE HORIZON

January 2017

Volume 57 Number 1

Our next Membership Meeting is on Wednesday, January 18th at 7:30 PM, at The Bowman Restaurant, 9603 Harford Road. Our Guest Speaker will be Terry Slattery on "Lithium Batteries as a Marine House Bank" Those planning on having dinner should arrive at The Bowman Restaurant by 6:15

COMMANDER



The New Year Begins

It's that wonderful time of year when a Squadron commander begins to think about all the new people who will soon be serving upon the bridge!

Indeed, just as in Washington, the transition is already well underway with our in-coming first family, David Blades and Susan Rudy, planning an exciting and very different Change of Watch, and Past Commander John Hall signing on this month as Squadron Educational Officer.

With a new SEO and our next commander on deck, the Nominating Committee is now hard at work searching for others to fill-out the bridge, serve on the Executive Committee, and chair our many activities. In the Operations Manual of the United States Power Squadrons, a flow chart entitled *Typical Squadron Organization* sets forth no less than 39 official positions and 11 committees that, in a perfect world, every squadron would fill.

We've been blessed in 2016 to have a full complement of bridge officers and an outstanding Executive Committee of ten more. In addition, we've had committee chairs responsible for the boat show, cooperative charting, public relations, vessel safety checks, homeland security, membership, operations training, computer systems, news editor, and health & welfare. We've also had a chaplain, flag lieutenant, legal officer, and program chair. Of course, everyone was involved in cruise planning and boating activities. Granted, there are several members holding more than one position, but we've gotten the job done.

Last month, I wrote "HAT'S OFF!" to the 40 members of the Dundalk Sail and Power Squadron who, cumulatively, have given more than 2,400 hours in furthering the

interest, programs, and goals of the United States Power Squadrons. But, with 39 positions and 11 committees to fill, we can all appreciate the challenge our Nominating Committee faces this time of year. I want to acknowledge them all by name and their years of service on the Nominating Committee:

D/Lt Tracey Stuenes, P, Chair (2012-2017)

P/C Ernest Molnar, AP (2013-2018)

P/C Steven Dalgarno, N (2014-2019)

Lt Mary Hall, P (2015-2020)

D/Lt Susan Rudy, N (2016-2021)

Now, if you see one of them approaching, do not move quickly to another table at Bowman's. When their name or number appears on your telephone, do not just let it ring! Instead, please brainstorm with them, recommend and encourage others to serve, and most-important, offer to do a job yourself.

If each of us takes an oar, for even a short time, then in December 2017, David Blades will write with satisfaction: "It's that wonderful time of year when a Squadron commander begins to think about all the new people who will soon be serving upon the bridge!"

Respectfully submitted,
Douglas B. Riley, AP, Commander

2016-2017 BRIDGE

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On The Horizon: is published ten times a year by: Dundalk Sail & Power Squadron, a unit of the United States Power Squadrons
9754 Ashlyn Cir, Owings Mills, MD 21117-3274

Articles must be received by the third Thursday of the month preceding publication. Please submit your articles in Word, using Arial 10 point font, to me at horizon@uspsdundalk.org. The same applies to Photos and flyers.

EXECUTIVE OFFICER



We are now in the depths of the off season for boating and S/V Tiphys sits, fully winterized, on the hard at her winter home. The long and summer days and warm breezes seem a distant memory. Snow has not yet evidenced itself near the winter home of Susan and Dave, but I have a feeling that we will be seeing some before too long. The temperatures certainly have been cold enough. I could see myself slipping into melancholy were it not for the fact that the Dundalk Sail and Power Squadron really is a year round activity machine! The Squadron Holiday Party is already a fond memory and what a great time it was! The Bowman Restaurant did a fantastic job with lots of great food and service. Many thanks to everyone who worked to make this a big success!

Next up on the list of Squadron cold weather events is the Cruise Planning Party, this year scheduled for Saturday January 7th. See the weekly Blast or the flyer contained in this newsletter for details. This is always a favorite of mine; lots of good food and camaraderie with fellow friends and Squadronmates. Oh yeah, we also plan the destinations for the upcoming boating season. Come on out and find out where the fun will be happening in 2017!

Next will be the Baltimore Boat Show, which is fast approaching. This year the show will run from the 26th through the 29th of January and, as usual, is being held at the Baltimore Convention Center. Putting the show together

and staffing the District 5 trailer and its attendant displays and attractions is a HUGE effort and requires the assistance of many volunteers. Also, as usual, we are asking for all Squadron members to please consider helping out by volunteering to staff the exhibit during one of the available time slots. The time slots currently available are 10 am to 2 pm, 1 pm to 5 pm and 4 pm to 8 pm Thursday through Saturday, and 10 am to 2 pm and 1 pm to 5 pm on Sunday. The Saturday morning 10 am to 2 pm slot is FILLED however, notably by several of our new Sea Scout members and the Leadership from their Ship. All other times have plenty of openings waiting for you. And, lest I forget, admission to the show is **free** for all volunteers on the day, or days, they choose to help, and the hours volunteered are applicable for this year's Merit Mark totals! If you would like to volunteer please send an email to XO@uspsdundalk.org or call 410-661-4790.

I will close this column with a wish that 2016 was a great year for all and a hope that 2017 will bring good fortune and health your way. I am looking forward to seeing everyone either on the water or at one of our upcoming events.

Respectfully Submitted, Lt/C David Blades, N

Executive Officer

Our Meeting Place

The Bowman Restaurant on Harford Road. 410-665-8600. Our regular meetings are on the third Wednesday of each month (except July) and start at 7:30 Those of us planning to eat should plan to arrive around 6:15 p.m. and we'll order from the menu. Those not planning on eating may arrive at any time but the meeting will begin promptly at 7:30 p.m. The best parking is on the left of the building and then enter through the double doors on the side.

EDUCATIONAL OFFICER

Support Your Local Sherriff – er SEO

As the Squadron's new SEO, I want to begin by thanking Lt/C Bob Crimmins for his good work in this position and, especially, his assistance and counsel this past month. Streett Broadbent has also been a tremendous resource as I've taken the reins of the Education Department. As you all know, the Squadron faces challenges in the year ahead, especially in finding instructors, classroom locations and students. Also, the web site can be quite challenging to navigate in order to sign up for a course. If you or a friend are interested and have difficulty with the web site, please don't hesitate to contact me directly. We'll figure out how to get them signed up one way or the other.

This year at the boat show, Dundalk, along with the rest of the United States Power Squadrons, will be making a push for safe boating. In order to help educate the public I really could use more instructors, a location over towards the west side, and students. There are numerous courses that many of our members haven't taken yet. Please let me know of any you are interested in. Wait - so you've taken all of them already? Great – you are next in line to be an instructor! We will be offering instructor certification to new instructors in the near future. If you aren't quite ready to be an instructor yet, please consider being an assistant. Most of today's courses involve visual presentations and just having someone along to help setup can really make a difference.

The schedule of courses for 2017 is evolving rapidly. Keep an eye on the Commander's weekly Blast for the latest. I'll also post all of the courses on the usps.org web site. Homeland security says "If you see something, Say something." Well the SEO says "If you want to learn something – Say something."

Calendar of Pending Courses:

<u>Course</u>	<u>Location</u>	<u>Start Date</u>	<u>Duration</u>	<u>Member / Non Member</u>
Seamanship	Essex	7:00 PM 1/19/17	Eight weeks	\$48 / \$96
** This course is ALMOST full.				
ABC Course	Parkville	1:00 PM 4/6/17	Five Weeks	\$50
Piloting	Essex	April 2017	Eight weeks	\$80 / \$130
ABC Course	Bush River	April 2017	Three weeks	\$45
ABC Course	Rossville	May 2017	Four weeks	\$45

SECRETARY'S REPORT



Well it's a new year and there is some good "stuff" to talk about.

First, the Maryland Department of Natural Resources invites local governments and nonprofit organizations to apply for funding to help restore the Chesapeake Bay and improve water quality.

The department is seeking to fund community projects aimed at mitigating and reducing nonpoint source pollution caused by excess nutrients and sediment through the Chesapeake and Atlantic Coastal Bays Trust Fund. The department plans to allocate and award about \$25 million in 2018. Interested applicants are encouraged to submit letters of intent by Jan. 20, 2017, and full proposals by March 31, 2017.

"The Chesapeake and Atlantic Coastal Bays Trust Fund is a true partnership that leverages resources and talents, and produces measurable and tangible benefits for all," said Maryland Natural Resources Secretary Mark Belton. "The program has quickly become one of the most cost-effective and innovative water quality financing programs in the nation, and is essential to the state's efforts to meet our Chesapeake Bay Watershed Agreement goals and obligations. It incorporates the latest scientific knowledge, and focuses on accountability and results."

The fund helps the state accelerate bay restoration goals by focusing its limited resources on specifically-designed and -implemented projects, and has directed over \$350 million to over 2,000 projects. To date, it has removed 27,000 tons of nutrient and sediment from entering the Chesapeake Bay, and helped restore over 550 acres of wetlands and 222,000 linear feet of stream while supporting 2,000 jobs.

In January 2016, Governor Larry Hogan dedicated

\$53 million for the Chesapeake and Atlantic Coastal Bays Trust Fund, the first time in state history that revenue dedicated to Chesapeake Bay restoration was not diverted or raided. Last year, the fund was able to award funding to 21 individual projects, ranging from Allegany to Wicomico County.

The next good "stuff" is the Natural Resources Police has added a new conservation enforcement tool to its fleet: its own helicopter. The black-and-gold aircraft, (you may hear them on the marine radio, there call sign is "*Natural 1*"), has resumed its place after a seven-year absence on the department's roster. The helicopter will be used as a surveillance platform to assist Natural Resources Police officers as they patrol 17,000 miles of waterways and nearly a half-million acres of public lands.

About a year ago, the Bell Jet Ranger became available and Natural Resources Secretary Mark Belton sought to obtain the aircraft. His effort paid off and he received the strong support of Governor Larry Hogan. Secretary Belton advised "*Natural 1*" will assist our officers patrolling our public lands and waters ensuring the safety of our guests and visitors as well as the protection of our most precious natural resources.

On Wednesday, January 11, 2017 at 12:00 pm the Maryland General Assembly will reconvene in Annapolis. My closing good "stuff" is at this writing there does not appear to be any legislation that will have a negative impact on the recreational boater.

Have a Happy New Year!

Respectfully submitted,
Lt/C Dick Bruns, Secretary

ADMINISTRATIVE OFFICER



New Jersey Marshlands, the Killing Fields

"Whoa, Greenheads. Ya hate 'em right? I HATE 'EM MY-SELF!" —modified from [Beetlejuice](#) "Sandworms"

After entering Manasquan Inlet we slowed while pondering our next move. Our rudimentary on board electronics, George's iPhone, indicated a route that was not readily apparent. Everything looked like busy residential shoreline and shallow sandy beach area. There was plenty of meandering boat traffic with none showing us the way. We tracked the markers as best we could and entered the house lined Point Pleasant Canal, and finally settled in to the first part of NJ ICW at the top of Barnegat Bay. Wide and well-marked, it was easy going.

I'm not sure where we stayed on the western shore that night. Per the book, it fulfilled our needs of water, power and shower. I recall calling ahead and being told we could stay in any empty slip. We did, and found that this was a very quiet place. The lighting was dim, there were no showers, no office and no people. A map search showed the nearest eatery, the county's best Asian buffet, to be about a mile and a half away. We could use the

walk.

The next day human occupied shoreline ended and passed through miles of Wildlife Refuge. All along we had been spotting plenty of wildlife to include porpoises, jet skis, fish jumping, Ospreys always in sight, and the occasional Eagle. This grassy marsh area introduced us to our first of many encounters with clouds of inch long green-head flies, well known and hated, nay feared, by me from my childhood Ocean City, NJ beach days. Put 12 of them together and you have a foot long nightmare!

Tabanus nigrovittatus, known by many "green" names, is a biting horse-fly commonly found around coastal marshes of the Eastern US. The biting females are a considerable pest to both humans and animals while they seek a source of blood to produce eggs. Females live for three to four weeks and may lay about 100 to 200 eggs per blood meal. Respectfully submitted,

Lt/C Glenn Haldeman, P, Administrative Officer,

TREASURER'S REPORT



Greetings from your Squadron Treasurer!

The Squadron's bills are paid and we are in sound financial shape!

BUDGET: We have started on the 2017-2018 Budget, so please let me or the appropriate Bridge officer know if you have anything that needs to be included in the Budget.

SHIP'S STORE: Visit our online Ship's Store at <http://dundalksquadron.qbstores.com>! This is the only way to order your Squadron clothing and merchandise. There is always a discount, so make sure to log in to see what you can save in ordering Squadron merchandise. Available merchandise includes polos, tees, button down shirts, jackets, sweatshirts, hats, bags – available in multiple colors, plus 3 logos to choose from on most items. If you don't see the item you want, go to www.queensboro.com and see if it is there. If so, email me the item name and number and I will add it to our online Ship's Store. There are too many items available to include them all, but happy to add any you would like.

BURGEES: Burgees may be ordered through P/C Tracey Stuenes at Webelieve2@comcast.net. We currently have on hand 12" x 18" burgees, which are available to purchase at our membership meetings for \$23.75 or by contacting Tracey. Larger burgees, in batches of six, may also be ordered.

Make sure to use our Check Request form when a check needs to be sent to a vendor or to you for reimbursement of a budgeted or approved expense. If not an approved budget expense or was approved prior, must have the expense approved by the Executive Committee. Also, please use the Deposit Request form when turning in cash or checks collected for Squadron events and education.

Contact me at stuartnewborn@gmail.com if you have questions for the Treasurer or about the online Ship's Store.

Respectfully submitted,
Lt/C Stuart Newborn, S, Treasurer

Navigators Piloting and Charting Reference Card

Navigators Quick Reference Card

(-) E UNCORRECTING TRUE VARIATION
 (+) W CORRECTING MAGNETIC DEVIATION
 (+) E CORRECTING COMPASS
 (-) W UNCORRECTING

025 or 025T = TRUE
 025M = MAGNETIC
 025C = COMPASS
 TIME = 4 DIGITS (24HR)
 COURSE = 3 DIGITS (000 (common) or 000.0)
 S 10 or S 10.5 = SPEED (0.1 KTS MOST APPS)
 RELATIVE BEARING + SHIPS HEADING = ACTUAL

C.090T
 S 10.5

Distance
 Speed
 Time (Min)

FIX
 DR
 ESTIMATED POSITION

Speed (S): $S = (60 \times D) / T$
 Speed in Knots or Nautical Miles per Hour
 Time (T): $T = (60 \times D) / S$
 Time is always in minutes.
 Distance (D): $D = (S \times T) / 60$
 Distance is always nautical miles (nm)

1 nm = 1 Minute of Latitude = 6000 ft = 2000 yards (Navy Calculations)
 60 nm = 1 Degree of Latitude
 1 nm = 1852 meters = 6076 ft (International Treaties)
 1 nm = 6100 ft (some calculations)
 1 meter / second = 1.94 knots
 © 2008 - 2009 www.captmike.com

The Navigators Piloting and Charting Reference Card puts the commonly used coastal navigation formulas and symbols on one handy card for easy reference. This card helps prevent mistakes when tired, or when doing your Navigation Class homework.

Even with today's use of GPS and chart plotters, being able to calculate Speed / Time / Distance as well as properly plot a course on a chart is a useful skill. Electronics can fail and if you take a Coastal Navigation Class or Coast Guard Masters Class you will get to know very well the formulas and constants on the Navigators Piloting and Charting Reference Card.

Having the most commonly used formulas in one place for easy reference and not on scraps or paper that seem to get lost at the critical time, prevents a lot of stress and helps prevent mistakes from using the wrong formula because of being tired.

The Time / Distance / Speed calculations are already worked out, but the good old "60 D Street" circle is also on the Navigators Piloting and Charting Reference. To use the "60 D Street" circle place a finger over the variable needed and the formula for that variable are the variables you can see arranged in the proper order.

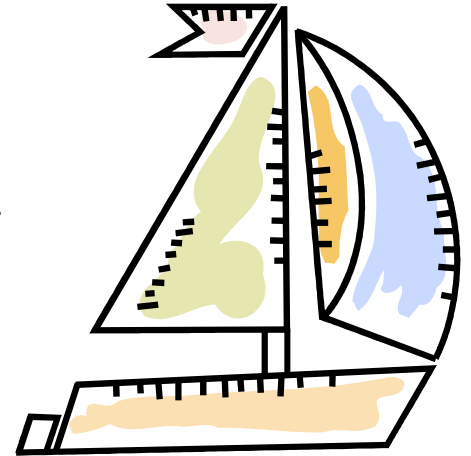
Navigators Quick Reference Card

ITEM	DIAGRAM	DESCRIPTION
DR Plot	C 090 S 10.5	Course (090 True) written above line. Speed (10.5 Knots) written below line
DR Position	0945 1020	Time (24 Hour) Written at angle to semicircle denoting DR position
LDP	1040 020	Lightly draw line with Time (24 Hour) above LOP and True bearing beneath
Estimated Position	1040 270 1040	Square located where dashed perpendicular line from DR position touches LOP
Visual Fix	1040 220 M 1040 135 M	Circle where two or more LOP's cross. Time written parallel to LOP lines
Electronic Fix	0300 RADAR GPS LORAN	Time and method (if relevant)
Running Fix	0950 R FIX	Circle containing the intersection of a given LOP and another LOP advanced (or retired) in time with RFDX and the time taken
Known Position	1020	Triangle with Time written alongside

Summary of Common Navigation Drafting Symbols and Their Usage
 © 2005 - 2009 www.captmike.com



CRUISE PLANNING PARTY!



Come one, come all. You are hereby invited to a Cruise Planning Party for the Dundalk Sail and Power Squadron at the Halls. Bring your calendars and ideas for a great boating season. We will be serving chili and cornbread (and who knows what else).

When: Saturday January 7th 2:00 to 6:00 (and beyond).

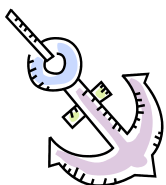
**Where: At the Halls
702 Stone Barn Rd
Towson Md, 21286
410-823-5698**

What to Bring: Good cheer, Calendars, Cruising Guides, Ideas and maybe some good eats.

R.S.V.P to jhall767@gmail.com or 410-823-5698

If you'd like to bring a dish please indicate what you are bringing.

If you can't make it please send us your ideas.





United States Power Squadrons



Dundalk Sail & Power Squadron

Unit of United States Power Squadrons®

Members Save Money

Great Benefits available to USPS members include:

- Up to a 23% discount on boat insurance
- Boat U.S. Membership and Towing discounts
- Map and Navigation software discounts
- Up to 12% discount on Dell Computers
- Tax Deductions on Dues and some Travel Expenses
- And more, go to the USPS web site for a full list of benefits: http://www.usps.org/national/admin_dept/membbenefits.htm

Members Helping Members

Adventure, Fun and Learning

On-the-water activities, cruises, rendezvous, raft-ups for a day weekend or week – something for everyone!

- Many locations throughout the Chesapeake Bay
- Commander's Cruise and Top Gun Cruise to ports as far away as Philadelphia, Cape May, New York, the Outer Banks, etc.
- Take your own boat or crew on someone else's
- **Social Events:** Pitch-in meals, picnics, theme parties, and our Annual Crab Feast

Meetings with knowledgeable guest speakers on interesting topics to include Homeland Security, First-Aid, Weather, Bay History, Winterizing/Commissioning, Engine Maintenance



Members Build Boating Skills

Courses and Seminars include:

- America's Boating Course, Seamanship, GPS, Engine Maintenance, Piloting, Advanced Piloting, Marine Electronics, Cruise Planning, Junior Navigation, Sail, Navigation, Weather and more.

Safe Practice with Friends

- Cruises, Competitions, Trips
- Help out and crew, or use your boat

Costs: Individual = \$90. Individual + One Additional Active family member = \$141. (Each Additional family member \$20)

Individual: _____

Additional: _____

Email : _____

Phone: _____

Address: _____

Amount Paid: \$ _____

Signature: _____ **Date:** _____

Learn More about America's Boating Club

Email: cdr@uspsdundalk.org

Web: <http://www.uspsdundalk.org> or

<http://www.uspsd5.org>

Meetings: 3rd Wednesday of the month
Dinner 6:00 pm, Meeting 7:30 pm

The Bowman Restaurant

9306 Harford Road, Parkville, MD 21234

Dundalk Sail & Power Squadron - Receipt:

Membership Type: Individual: ____ Or

Individual with Family: ____

Amount Paid: \$ _____

Signature: _____

Date: _____



RESERVATION FORM
United States Power Squadrons D/5 Spring Conference
30 March - 2 April 2017
Princess Royale Hotel, Ocean City, Maryland

MEMBER: Rank _____ Name _____ Grade _____
 ADDRESS _____ CITY _____ STATE _____ ZIP _____
 SQUADRON _____ POSITION _____ FIRST TIMER? _____
 E-mail _____ PHONE _____

SPOUSE/OTHER ATTENDEES:

Rank _____ Name _____ Grade _____ First Timer? _____
 Rank _____ Name _____ Grade _____ First Timer? _____

MENU SELECTIONS

SATURDAY LUNCH:

Lunch Sandwich Buffet:
 Sliced Meats to include Roast Beef, Roast Turkey, Baked Ham, and Salami
 with American, Swiss and Provolone Cheeses # ___ @ \$23 = \$ _____
 Lettuce, Sliced Tomatoes and Onions, Pickles
 with Assorted Rolls and Breads
 Pasta Salad, Potato Salad and Potato Chips
 Brownies and Blondies
 Coffee, Tea, Decaf Coffee & Iced Tea Stations

SATURDAY BANQUET ENTREE CHOICES:

Beef Medallions & Mushrooms w/ Gravy # ___ @ \$37 = \$ _____
 over Garlic Mashed Potatoes

Seafood Newburg – Scallops, Crab and Shrimp in a Delicious Cream Sauce # ___ @ \$34 = \$ _____
 w/Sherry served over Garlic Mashed Potatoes

Vegetarian / Gluten Free Vegetable Stir-Fry served over Rice # ___ @ \$24 = \$ _____

Selections served with:

House Salad w/ choice of Ranch or Balsamic Dressing
 Vegetable Medley of Carrots, Broccoli, & Cauliflower
 Rolls & Butter
 Chef's Selection of Desserts
 Coffee, Tea, Decaf Coffee, & Iced Tea Stations

Total Enclosed:

Dietary Restrictions: _____

\$ _____

Make Checks Payable to: SML S&PS

SEND TO: Trish Fox
 1062 Stonewood Ct.
 Forest, VA 24551
 Phone: 607 426-9810
 E-mail: trishannfox@yahoo.com

**MEAL RESERVATIONS must
 be received by March 3, 2017**

Recommended Dress: Thursday/Friday/Saturday - USPS/Squadron Shirts Banquet - Uniform A with bowtie

MAKE ROOM RESERVATIONS DIRECTLY WITH HOTEL - Call Reservations Dept. at 800-476-9253
Use the Reservation ID Code: U.S. Power Squadron, District 5
Princess Royale Hotel

9100 Coastal Highway, Ocean City, Maryland

Non-Smoking Venue - Handicapped Rooms available on a request basis

Rates: Ocean view/pool view Suite: \$114.00 per night Ocean Suite: \$159.00 per night
 2BR/2BA Oceanfront Condo: \$249.00 per night, 3BR: \$279.00 per night
(rates listed above do not include taxes)

ALL RESERVATIONS MUST BE MADE BY 1 MARCH 2017 TO ENSURE USPS RATES

DIRECTIONS: From RT 90, turn left onto Coastal Hwy. Hotel will be on the right.



SAFE BOATING THROUGH EDUCATION

Calendar

January 7	Cruise Planning Party !
January 18	Membership Meeting – The Bowman on Harford Rd
January 26-29	Baltimore Boat Show
February 15	Membership Meeting – The Bowman on Harford Rd
February 19-26	USPS Annual Meeting, Orlando FL
March 15	Membership Meeting – The Bowman on Harford Rd

RETURN SERVICE REQUESTED

DATED MATERIAL

Owings Mills, MD 21117-3274

9754 Ashlyn Cir

DUNDALK SAIL & POWER SQUADRON