The Newsletter of the Northern Virginia Sail and Power Squadron



Volume XLII Number 7

BRIDGE OFFICERS



COMMANDER Cdr George K. Degnon, P



EXECUTIVE OFFICER Lt/C Ronald H. Larson, P



EDUCATION OFFICER Lt/C Richard E. Unis, JN



ADMINISTRATION OFFICER Lt/C John G. Karjala, P



SECRETARY Lt/C George Nartsissov, P



TREASURER Lt/C Steven Hall, AP

Northern Virginia Sail and Power Squadron District 5 A unit of the United States Power Squadrons® Sail and Power Boating

www.nvsps.org www.usps.org/localusps/d5/

Calendar of NVSPS Meetings and Events

September

- 1 Labor Day
- 2-7 USPS Governing Board Meeting
- 5 7 NVSPS Rendezvous Chesapeake YC – see page 4 for detail.
- 10 General Membership Meeting
- 15 Inputs due to oT&T
- 24 EXCOM Meeting

October

- 8 International Pot Luck Supper
- 10 D/5 Sail Regatta Rock Hall, MD
- 15 Inputs due to oT&T
- 22 EXCOM Meeting
- 23 How to Use a Chart Seminar
- 31 Halloween

November

- 1 Seamanship Class
- 7 D/5 Fall Conference Solomon's
- 12 All Hands Meeting Boat US
- 15 Inputs due to oT&T
- 19 EXCOM Meeting
- 27 Thanksgiving

December

- 13 Holiday Party
- 15 Inputs due to oT&T
- 25 Christmas



COMMANDER

Cdr George K. Degnon, P 703-448-8766 boater@degnon.org

EXECUTIVE OFFICER

Lt/C Ronald H. Larson, P 703-922-7094 mdlars@msn.com

EDUCATION OFFICER

Lt/C Richard E. Unis, JN 703-777-8378 runis_320@yahoo.com

ADMINISTRATIVE OFFICER

Lt/C John G. Karjala, P 703-818-8676 jgkarjala@verizon.net

SECRETARY

Lt/C George Nartsissov, P 703-425-7044 ganh@verizon.net

TREASURER

Lt/C Steven Hall, AP 703-242-8566 sdhall01@verizon.net

MEMBERS AT LARGE

P/C G. J. Nelson, AP 703-437-0064 Lt Francis Williamson, AP P/C Gale Alls, SN P/C John Shivik, AP P/LtC Cathleen Sheffield, AP 703-370-4331 P/C Richard J. Durgin, JN 703-560-9106

703-440-9074 703-569-1511 703-273-3351

Scheduled Meetings

Unless otherwise noted, the General Membership Meetings will be held at the BoatUS* Headquarters facility at 1930. Any changes will be posted in this newsletter or on the Squadron web site.

BoatUS Headquarters meeting and 880 South Pickett Street, location: Alexandria VA. From the Capital Beltway, take the VA-613/ Van Dorn Street exit, exit number 173 (aka exit 3), towards Franconia. Turn left onto South Van Dorn Street / VA-613 North. Turn left onto South Pickett Street. Go less than .5 miles and turn in at the BoatUS sign and go to the lighted parking lot in the rear. Proceed to the entrance.



Do you or one of your friends need a vessel checked? Or want to become an examiner yourself? J. Van Senden, John@Southerngirl.net



of TARS & TERNS Official Publication of Northern Virginia Sail and Power Squadron

http://www.nvsps.org



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

Published ten months of the year July/August and January / February issues are combined Volume XLII, No. 7; Sept, 2008

2

EDITOR

Stf/C Richard Davis, AP (703) 444-2772 rpdavis1702@comcast.net

DISTRIBUTION

Lt Manette B. Lazear, AP (703) 620-1821 lakematesm@comcast.net

D/Lt Walter D. Lazear, AP (703) 620-1821 lakematesw@comcast.net

₩₩₩ *Commander Sends* . . .

Wow, can you believe we are three quarters through the boating season and half way through our terms for bridge officers! Seems like yesterday we started both, and it's a good time to make a quick assessment and look into the future. From the Commander's vantage point, it is terrific to see so many folks learning about safe boating and to see so many of our members continuing to hone their seamanship skills through the advanced courses offered through our Education Program under the able leadership of Rich Unis and his very dedicated team. We have had excellent attendance at our monthly membership meetings, we had a good attendance at the Spring D5 Conference in Ocean City, and we held our Spring Cruise with our AO John Karjala and AAO Sue Karjala coordinating these events.

The State of Health of your Squadron is great. We have been through a very successful membership renewal cycle and met our goals for members and dues which provides the basis for the Squadron budget under the watchful eye of Steve Hall. Your bridge officers, with XO Ron Larson in the lead, have searched out and found new storage space for Squadron equipment, supplies and materials and then moved everything to a new location with more space, less cost, and in a more convenient location. The speakers at our general membership meetings have been superb, insightful, informative and fun to talk with. Our Vessel Safety Check program is running well with John Von Senden at the helm. Our Public Relations Program is growing nicely under Frank Shultz's leadership with able assistance from John Shivik. Many thanks to Fred Zugay who leads or Membership Committee, to Francis Williamson for his work on our Boat Show exhibits, and to Walt and Manette Lazear who have done a phenomenal job revising our website and arranging for a new url: check it our at <u>www.nvsps.org</u>

Special recognition goes to Paula Bailey, with capable assistance from Joel and Gale Alls, for drafting new Squadron ByLaws so that we conform to national guidelines and to help make some changes that will permit us to operate more efficiently as a Squadron. They have already secured the endorsement of the Squadron leadership, and preliminary approval has been granted by National, and now we will go through the prescribed process to secure membership approval this fall. Leadership recruitment for next year is well underway, with Gale Alls as Chair of the Nominations Committee. They are working to have the new slate of officers selected before year end so that your new leadership team will have more time to organize and plan before the new squadron year commences in March.

Participating in a variety of squadron activities as a volunteer worker was a surprisingly enjoyable experience for Marge and me over the past dozen years, and serving recently in the officer ranks of the Squadron has really been fulfilling and fun. The new friendships, the experience of working with teams of fun loving colleagues, and the opportunity to provide service back to the community that taught me so much about being an informed boater has really been delightfully pleasant. I would urge each member to (cont'd)



become involved in at least one Squadron activity, and if you have not been involved, then I would encourage you to get more involved and contact Gale Alls or any of your bridge officers to discuss your interests or areas where volunteer services are needed. It's a small commitment, but it makes a big difference, and it provides a sense of satisfaction not found in many of today's daily routines.

Upcoming we have a full plate of fun events. On Aug 30 our Squadron Boat Rides for Vets will be held in cooperation with Chesapeake Yacht Club on the West River in Shady Side, MD. Our earlier event at which members would provide rides from multiple ports had to be cancelled because of logistical issues for Walter Reed, including not having busses to bring troops to multiple locations and not having enough supervisory personnel to attend multiple locations. Walter Reed indicated that these boat rides for Wounded Warriors has become one of their favorite activities and they expressed their gratitude to NVSPS for our efforts. Special thanks to Bill Petersen for his tremendous assistance with this Vets Boat ride program and to the entire CYC Board which has wholeheartedly supported this project. As Commander, I had the opportunity to visit Walter Reed in August and it was a very moving experience. If anyone tells you America is going to hell in a hand basket, tell them to visit Walter Reed where they will see the dedicated young men and women who best represent the American ideal—service to fellowmen.

On Sep 5-7 we will be holding a rendezvous boating weekend at Chesapeake Yacht Club, planned this summer on short notice when members discussed the desire for more time together on the water. The weekend provides the opportunity for members to attend by car on Sat for the afternoon party and dinner to be held at the Club. CYC is ideally located for both power boaters and sailors just ten miles south of the Chesapeake Bay Bridge and twelve miles north of Herring Bay where many of our members tie up. By car it is less than an hour from the Wilson Bridge. Do plan to attend by boat or car. **Contact George Degnon at boater@degnon.org if you plan to attend.**

District 5 of USPS, has two activities planned and I hope we can get many of our members to attend. We are one of the largest Squadrons in D5 and as commander I would like to see us also be known as one of the most active. One is the Sail Regatta planned for Rock Hall, MD on Oct 10-13, Columbus Day weekend. I hope we will have a team of our sail boaters compete, and would like to see our members cheering them on and participating in a fun filled weekend. Also planned is the D5 Fall Educational Conference in Solomons at Hospitality Harbor and Holiday Inn. Nov 7 – 9, this represents an ideal opportunity for an end of season cruise, or if the boat is already on the hard, it's an ideal place for a weekend drive, where there will be plenty of wholesome education, and rumor has it that their evening parties are memorable, not to be missed. Contact jgkarjala@verizon.net.

Boating for most of us is a family event, often including children, grandchildren, nieces or nephews. If you ever had the experience of having children aboard, you know what Art Linkletter used to say is still true: Children say the Darndest Things. Well, let's see what they think about the fun of boating. This coming winter the Squadron will sponsor and participate in the USPS Youth Poster Contest open to all children, the theme is Boating Is Fun, and age groups will be 6-8, 9-11, and 12-14. Details will follow and we are seeking volunteers to help.

Finally, thanks to each member for reconfirming your commitment to the Squadron. I would make an appeal that you now pledge to attend a few of our upcoming meetings: On the second Wednesday of September and November we will have speakers and discussion on nautical/boating themes and in October we will have our annual International Potluck Supper and in December we will host our annual Holiday Party. Plans are underway to utilize this event to provide toys to underprivileged children.

> George Degnon, P Commander NVSPS



Executive Officer - Ron Larson

The month of August was very busy for many NVSPS members.

For starters, the squadron storage facility was moved from the location in Alexandria to a new location in Fairfax .This move was undertaken to address the recent increase in monthly rental charges and to obtain a more centrally located storage facility. The new location has a better rental rate and is centrally located for easy access by squadron members.

This move was accomplished though the efforts of a number of NVSPS members (George Degnon, Ron Larson, John Karjala, Steve Hall, George Nartsissov, Gale Alls, John Shivik). A well done and thanks to these squadron members, who lent their time and labor to completing this task.

Our Public Relations Officer, Frank Shults, has produced listings of NVSPS courses and events for distribution.

The Vessel Examination area has been active and our Vessel Examiners are performing safety exams for the boating public as they enjoy the boating season themselves.

Boat Show, Youth Programs, COOP Charting, Legislative Liaison, Radio Tech, and Safety offices are active and busy with summer activities that will be reported on in more detail at the Sept meeting and in upcoming oT&T issues.

There is going to be a Fall Boat Show at the Dulles Expo Center October 3-5, 2008. NVSPS will not have a booth as of this writing. We will try to have a table or some sort of course listing handout setup outside, if possible. This Fall Boat Show is scheduled to be in the South Hall only, so only half the space and no free booths.

The Spring Boat show is scheduled as usual, in both North and South Buildings and we should have a booth that will be manned by NVSPS members. Have a good boating season,

Lt/C Ron Larson, P NVSPS XO

Execution and a second contract contract contract of the contr

Merit Mark Recommendations Due

USPS recognizes the contributions of its members' time and talents and says "thank you" by awarding one merit mark annually. To learn more about merit marks, see your USPS Operations Manual. Each fall squadron leaders submit the names of those members who have performed substantial service during the year to the Merit Mark Chair who compiles a report to USPS for Cdr. Degnon's signature. National reviews the recommendations.

Officers & Committee Chairs:

Please submit the names of members who have performed substantial service to NVSPS during calendar year 2008 to Merit Mark Chair Jean Durgin at <u>rjdurgin@aol.com</u> by 1 October 2008. Include a brief but specific description of the service performed (e.g., number of classes taught, number of vessel inspections performed, reports given, committee meetings attended, events planned, newsletter articles written, etc.).

All Members:

Our goal is to recognize everyone's contributions to NVSPS. Feel free to submit a brief description of your service directly to Jean Durgin (<u>rjdurgin@aol.com</u>) by 1 October 2008.



ΨΨ (C

Education Officer Rick Unis

I am devoting this month's Chalk Talk to a look at the upcoming course schedule between now and spring. I asked for inputs on what boating education courses you would like to have offered but I received very little in the way of feedback, with the exception of the Sea Scouts. I have done my best to assemble a broad array of course offerings that offers something of value to the general public and to all of our squadron members. My course plan includes a host of Squadron Boating Courses offered in various locations to meet the demand for boating safety certification (see our website for details on these courses). In addition, a variety of advanced education courses and electives will be offered to include Piloting (fall), Advanced Piloting (spring), Navigation (fall/winter), Marine Electronics (fall/winter), Cruise Planning (winter), Weather (winter/spring) and Seamanship (fall and a possible course in the spring too). Further, there will be several seminars offered to include Using a Chart; Anchoring; and Knots, Bends & Hitches. That's a pretty full load of courses that will require a commitment from our instructors and from you to sign up for a course that interests you. Here is the current schedule for advanced courses, electives and seminars starting in the fall and winter that are open for registration. Note - the Piloting and Marine Electronics courses started in early September and are ongoing. The Navigation course will start as soon as the new books are published – currently estimated for sometime in October.

Course: NAVIGATION (N)

(~25 sessions - Tuesdays, 1900-2100, Starting date is TBD)

Description: Learn celestial navigation and piloting techniques for offshore navigation anywhere in the world using the moon, planets and stars. This course builds on the sun-sight technique learned in the new Junior Navigation (JN) course, which is a prerequisite.

Cost is \$125; family members and significant others may share books for a discount.

<u>1/4\L|% \r/4\L</u>[%

Location: GMU Offices, Fairfax City, VA

Instructor: Seminar style - each participant teaches at least one chapter

Class Leaders: SEO Rich Unis, JN and Rick Baker, JN

Register by: 15 Sep 2008

Contact: SEO Rich Unis at: runis_320@yahoo.com

Course: <u>HOW TO USE A CHART SEMINAR</u> (1 session – Open to the Public)

Description: Learn to use marine navigation charts in detail. New Seminar! Cost is \$35; family members and significant others may share the materials for a discount.

Date: <u>28 Oct 2008 (Tues)</u> Time: <u>7:00 – 9:30 PM</u>

Location: GMU Offices, Fairfax City, VA

Instructor: Bob Cox, JN and Mark Anderson, P

Register by: 15 Sep 2008

Contact: SEO Rich Unis at: runis 320@yahoo.com

Course: SEAMANSHIP

(~5 sessions – Sat, 1 Nov 2008 – 13 Dec 2008, 0800-1200). (No class on 8 Nov or 29 Nov). Sea Scouts have priority for this course but others are welcome to attend!

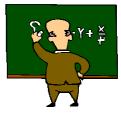
Description: Learn safe operation of recreational boats with an emphasis on higher level boating skills, docking, anchoring and rafting, basic boat care and maintenance, rules of the road, marlinspike and nautical customs and courtesies.

Cost is \$40; family members and significant others may share the materials for a discount.

Location: St. George's Episcopal Church, Arlington, VA

Instructor: TBD

Register by: 2 Oct 2008



Continued



Administrative Officer – John Karbala

International Pot Luck & All Hands Meeting – Meeting topic: Good Food & Fun. Our Annual International Pot Dinner is scheduled for 1900 hours on 8 October 08. We ask that every one bring a hot dish, vegetables, cold platter, salad, or dessert. E-mail me at jgkarjala@verizon.net or call me at (703) 818-8676 to make your reservation now and to inform me which dish you are bringing so we may assure an adequate number of each menu item. Wine, spirits and beer will be furnished to members and guests. Please RSVP by 30 September 08.

• The International Pot Luck Dinner is set for the Fairfax Yacht Club. Dinner will be begin at 1900 hours or 7:00 P.M., 8 October 08.

Holiday Dinner Dance - Reminder to put the Christmas Party on your calendars now. It is on 13 December 2008 starting at 1830 hours or 6:30 P.M. at The American Legion Post #144 in 3939 Oak Street in Fairfax City. Price details to follow at later date. Members please remember to invite friends for this great Dinner Dance. Advanced bookings accepted by e-mail to me at jgkarjala@verizon.net or call me at (703) 818-8676 to make your reservation now at last year's prices of \$25.00 per person. This early bird price offer is only good through September 2008.

Second and a construction of the construction

Chalk Talk Continued:

Course: <u>WEATHER</u>

(~12 sessions – M, 5 Jan 2009 – 6 Apr 2009 with a break for holidays, 1900-2100). This course is tentative pending release of the new course materials).

Description: Learn basic and advanced weather knowledge and how to make weather predictions based on observations of the sky, barometer, wind information and weather data.

Cost is TBD (based on new materials)

Location: Fairfax High School

Instructor: John Shivik

Register by: 1 Dec 2008

Course: <u>CRUISE PLANNING</u>

This course will start on 15 Jan 2009 and will be held at St. George's Episcopal Church in Arlington, VA. Sea Scouts will have priority for this class but others are welcome to attend. This course is currently being planned. Please see next month's newsletter for more details.

SHIP's STORE



Need a new burgee for your boat? How about a tote bag or sports shirt?

Contact: Robie Shivik e-mail: JSHIVIK@VERIZON.NET

September Membership Meeting:

Seminar topic:

Our guest speaker for the September general meeting will be Mr. Keith Mayes, Secretary of CBYRA,(Chesapeake Bay Yacht Racing Association) which sanctions all handicap ond one design racing on the Bay and environs. Mr. Mayes has been sailing on the Chesapeake Bay for 20 years. He currently owns a Beneteau 36.7, called Jubilee which he races with the Herrington Harbor Sailing Association, as well as in One Design racing all over the Bay. For the past two years Mr. Mayes has been Fleet Captain for the Chesapeake Bay Beneteau 36.7 fleet.

He is a US Sailing certified CRO (Club Race Officer), and early this year passed the US Sailing Judges exam and hopes to be certified as a Judge in the near future. Mr. Mayes has a great interest in improving the standard of Race Management on the Chesapeake Bay and enjoys the opportunity to talk about ways to do this

Sailors: ATTENTION. The D/5 sail regatta is October 10 – 13 @ Rock Hall, MD. Come, and learn.

Keep Flower Power Fund Growing

Each fall squadron members are invited to make a contribution of any amount to the Flower Power Fund in exchange for a personalized holiday message in the December issue of <u>of Tars & Terns</u>. Send your 2008 season's greetings (max 3 lines) and check payable to the "NVSPS Flower Power Fund" to Dick Durgin (address shown below) by **12 Nov. 2008**. I will send you written confirmation of your tax deductible contribution.

The fund was established in 1988 by Dr. and Mrs. Lloyd Hazelton to support NVSPS activities, primarily in the education areas, and to advance the mission of USPS. Under its terms, all donations are held in an interest-bearing account and only the interest may be spent. Since 1988 this fund has grown from \$5000 to over \$20,000. The commander and the executive committee must approve all expenditures. Items that have been purchased are educational materials for instructors, projectors, computers, etc.

The fund is named for the Virginia state flower, the Dogwood, which appears on the NVSPS burgee. Tax deductible contributions are welcomed at anytime. Examples of messages are " Happy Holidays and Safe Voyages in the New Year from the crew of - - - " and "Blue Skies and Fair Winds in the New Year from - - - "

P/C Dick Durgin, Chairman, Flower Power Fund 308 George St. SW, Vienna, VA 22180



The new Northern Virginia Sail & Power Squadron (NVSPS) website is now operational at <u>www.nvsps.org</u>. It can also be reached via the old address for a while, to allow pointers in printed material to still be relevant. At some point National will stop hosting our old stuff (including the redirection file) and we'll have just the new address (<u>www.nvsps.org</u>). But for now we're flexible.

The US Coast Guard issued a notice stating that, in order to adjust to a new printing cycle, it will not publish the **2008 editions of the Light Lists**, except for Volume 5 (Mississippi River System). The agency is changing the publication cycle so that annual editions are available early in each calendar year. Since printing of the 2007 editions occurred in November 2007, they will remain effective for approximately 14 months. 73 Fed. Reg. 45776

CONGRESS RESTORES 35-YEAR EXEMPTION FOR RECREATIONAL BOATS FROM PROPOSED EPA PERMITTING REQUIREMENTS

NO NEW PERMIT FOR BOATS REQUIRED

ALEXANDRIA, VA, July 22, 2008 - In a remarkable display of bipartisan support for recreational boating, both the House and Senate today passed S. 2766, "The Clean Boating Act of 2008" which will permanently restore a long-standing exemption for recreational boats from permitting requirements under the Clean Water Act. The legislation now goes to the White House for the President's signature.

Congressional action was spawned by a U.S. District Court decision in September 2006 under which an estimated 17 million recreational boats would have fallen under Clean Water Act permit requirements effective September 30, 2008. The permit would have dictated maintenance and operation procedures and potentially subjected boaters to citizen lawsuits as well as a penalty system designed for industrial polluters.

BoatU.S. Government Affairs Director Margaret Podlich was quick to shower praise on a boatload of legislators who did much of the heavy lifting including Sens. Bill Nelson (D-FL) and Barbara Boxer (D-CA) and Representatives Jim Oberstar (D-MN), Steve LaTourette (R-OH), Candice Miller (R-MI) and Gene Taylor (D-MS). A complete listing of all legislators involved will be available at http://www.BoatUS.com/gov soon.

BoatU.S. has worked for more than a year with the National Marine Manufacturers Association and a broad coalition of stakeholders to resolve the problem before the permitting deadline.

"One of the real keys to success here was our collective ability to activate the grassroots," said Podlich, noting that tens of thousands of letters and e-mails were generated by boaters and anglers over the course of the past 12 months.





Trawler Fest

... in the Solomons on the weekend of Sep 25-28. *This is not a Power Squadron function* but the District is planning to have an active presence for recruitment purposes and would love to have volunteers from NVSPS involved.

This event overlaps with the Marine Trawler Owners Association (MTOA) Summer meeting in Cambridge, MD from Tues Sep 23 thru Sun the 28. It is expected that over 60 trawlers will sign up for the week long festivities.

This boating event is very popular among boaters and a great source of information, education, seeing new boats, seeing some old ones on sale too, and most importantly meeting fellow boaters and making new friends.

Sommenenenenenenenenenenenenenenenenen som

Just a reminder that we are planning a Squadron weekend cruise to Chesapeake Yacht Club on the West River in Shady Side, MD on the weekend following Labor Day, with arrival on Friday Sep 5 and departure on Sunday Sep 7. On Saturday night we will have a party and cook out if we get both boaters and drivers to plan on attending. CYC is one hour from Tysons Corner, about 45 minutes from Alexandria and the beltway so it's a good evening and afternoon out. Do let me know if you plan to attend.

Other activities include the D5 Sail Regatta at Rock Hall on Columbus Day weekend, arrival on Friday Oct 10 or Saturday, the regatta is on Sunday with a dinner that evening, and then Monday is set for return to home ports. This should be a fun time and I hope we will have several sail boaters participate and a good crowd to cheer them on. See www.USPSd5.Org

Also we have the Fall District 5 meeting which will be held at the Holiday Inn and Hospitality Harbor at Solomons Island on the weekend of Nov 7-9. It too should be a

The Dangers of Carbon Monoxide

Anyone who has taken a boating safety course is aware of the dangers of carbon monoxide poisoning. Fortunately, today's vessel designs and standards that require carbon monoxide detectors in all sleeping spaces have made carbon monoxide incidents a rarity. Given this, it is easy to become complacent about the risks associated with carbon monoxide.





Do you know that

You cannot see, smell, or taste carbon monoxide? Carbon monoxide symptoms are similar to seasickness or alcohol intoxication? Carbon monoxide can affect you whether you're underway, moored, or anchored? Carbon monoxide can make you sick in seconds. In high enough concentrations, even a few breaths can be fatal?

Do you know carbon monoxide poisonings are preventable? Carbon monoxide is a colorless, odorless, and tasteless gas that is produced when a carbon-based fuelsuch as gasoline, propane, charcoal, or oil-burns.

Carbon monoxide enters your bloodstream through the lungs, blocking the oxygen your body needs. Prolonged exposure to low concentrations or very quick exposure to high concentrations can be lethal. Early symptoms of carbon monoxide poisoning include irritated eyes, headache, nausea, weakness, and dizziness. These symptoms are often confused with seasickness or intoxication, so those affected may not receive the medical attention they need. Carbon Monoxide sources on your boat include engines, generators, cooking ranges, space heaters and water heaters. Gasoline engines, including gasoline generators, are the primary source of carbon monoxide on boats. Diesel engines produce only about 15 percent of the carbon monoxide of their gasoline counterparts, so although the risk is still present, it is greatly reduced. The most common source of carbon monoxide is improperly vented engine exhaust. Situations that present this problem are typically inadequately ventilated canvas enclosures (exhaust gas enveloping the boat in still air blocked exhaust outlets , exhaust from adjacent boats back-drafting or "station wagon effect" and, proceeding at slow or idle speeds

A review of safety incidents over the past several years indicates the most prevalent cause of carbon monoxide poisoning is engine generators running overnight at anchor. The second most prevalent cause is faulty maintenance of the boat exhaust system allowing gases into the cabin, followed to a much lesser extent is back drafting situations.

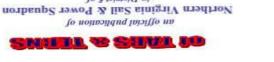
The good news is that carbon monoxide poisoning is very preventable. To begin, every boat, especially gasoline boats, should have a carbon monoxide detector in each sleeping space that is permanently wired to the boat's electrical system. If you have an older boat that was not equipped with carbon monoxide detectors, you need to have them installed. You also need to consider. Anytime the detector alarms should be considered a hazardous condition that needs to be addressed, Know where and how carbon monoxide might accumulate in and around your boat, Never hang on the swim platform when the engine or generator is running, Maintain fresh air circulation throughout the boat at all times. Although carbon monoxide can be present without the smell of exhaust fumes, if you smell exhaust fumes, carbon monoxide is also present. Take immediate action to dissipate these fumes, Make sure all exhaust clamps are in place and secure, and treat symptoms of seasickness as possible carbon monoxide poisoning.

Carbon monoxide poisoning or toxicity is a life-threatening emergency that requires immediate action. Keep in mind that the victim may be in an area of high carbon monoxide concentration, which means you or others could in danger from exposure to carbon monoxide. Correct ventilation problems and/or repair exhaust problems as appropriate. Investigate the source of carbon monoxide and take corrective action, such as evacuating and ventilating the area or shutting off the source of the Carbon monoxide, while at the same time evacuating and ventilating the area.

Carbon monoxide is not something you need to fear, just respect.

Boat Safe!



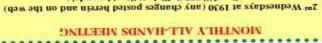


Sanorbaup? vowof solar? bolinU to 2 total in

Агйсles & other contents do not represent USPS policy or endorsement unless so designated. Published ten times somethy January & February, July & August are combined

Evrequisores and survey and surve





at BoatUS 880 S. Pickett St., Alexandria

Turn Left on S. Pickett From I-495 take Van Dorn Exit #173 (old #3) north.

Turn right on S. Pickett. Or...From 1-395 take Duke St. Exit #3 east, turn right on Van Dorn.

Then ... Go less than 1/2 mile and turn in at theBoatUS sign.

Enter from the lighted parking lot behind the building.









ADDRESS SERVICE REQUESTED

2014 Lakebreeze Way Reston, VA 20101



Dated Material

÷.

dula entreoa s'estrema

NON-PROFIT ORGANIZATION U.S. POSTAGE PAID PERMIT NO. 6586 RESTON, VA