

Of TABS & TERNS Newsletter of the Northern Virginia Sail & Power Squadron



May, 2007

www.usps.org/localusps/nva/ott/ott.htm



Commander Sends

Sure as the next tide, a new season brings battery issues for many of us. Those batteries that were just fine when we winterized are reluctant to hold a charge. Weak batteries are more than 20% of BoatUS help calls. An overview here might save you a lot of frustration.

A battery stores power from the shore charger and engine alternator. If your batteries are constantly discharging, check the voltage output of the chargers (12.8 - 15.0 V). Chargers and alternators can fail, and many chargers have fuses or circuit breakers.

If the charger/alternator is generating the proper voltage, next check the load on the batteries. If they hold a charge when completely isolated (disconnected from the DC system), they're being drained by something in the boat. They work fine while on shore power or with the boat running, but discharge while at anchor, sometimes to the point where the boat won't start.

Place an amp meter between the battery and the cable going to the DC panel. You'll see the steady-state load. An amp-hour (AH) is one amp for one hour. If your steady-state load on a

good, fully charged battery is 5 amps, and you use it for 30 minutes, then you've used 2.5 AH (5 amps x .5 hr). If the battery's AH rating is 95, then

the 5- amp load would drain the battery in 38 hrs (95/2.5) and to 50% of its capacity in 19 hours (50% of 38 hours).

Three types of batteries are used on boats: Lead acid or "wet" (most

BACK To BoatUS!

May 9th All Hands' Meeting is back at BoatUS

Thanks to Admin Officer P/C John Shivik, AP

See you there!

common), Glass mat or "gelled" (early sealed batteries), and Absorbed Glass Mat or "AGM" (present generation sealed).

Usually your problem will be the battery. If it's a Lead Acid type, check the water. Low water, overcharging, and repeated deep discharging are the leading causes of battery death. Boats usually have three-stage chargers designed to prolong battery life. The idea is to rapidly recharge ("bulk" phase), taper off for efficiency ("absorption"), and then maintain charge without damaging the battery ("float"). If your charger works

and is the right one for your batteries (wet, gelled, or AGM), it will maximize battery life. When connected in series, parallel, or series/parallel, one bad battery will destroy the others. Equally important, never add a single new battery to a series, parallel, or series/parallel string.

Battery life is directly related to how deep the battery is cycled each time. A

battery cycle is one complete discharge and recharge. If a battery is discharged only 10% every day, it will last 5 times longer than one discharged 50%, which will last twice as long as one discharged 80%. Starter batteries are usually considered to be discharging from 100% to 20%. But

deep-cycle batteries are often rated for as low as 60%.

So how long do batteries last? This depends on configuration, temperature, charge rates, maintenance, and frequency of use. Wet starting batteries last 1-2 yr, wet marine starting batteries 3-5 yr, 6V batteries 2-6 yr, gelled deepcycles 2-4 yr, and AGM deep-cycles 4-7 yrs. Better quality batteries do tend to last longer.

If you'd like more information on this topic, send me an e-mail

CDR G. Jay Nelson, AP gjaynelson@aol.com



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NVSPS BRIDGE



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"EXECUTIVE PRIVILEGE"

Executive Officer: Lt/C Bill Blanding, P

In 2002 BoatUS reinstated the National Sea Scout Flagship Competition. This annual award recognizes the top Sea Scout Ship in the country for excellence in program quality, youth achievement, and adult commitment. Skipper, Tom Ballew and sea scouts of Ship 1942 ("Dragonlady") have won the 2007 Award! The best Sea Scout Ship in the United States! Ours was the first in the Northeast Region to win. Great job!

The more Vessel Safety Examiners we have the more safety checks we can do and make boating safer and more enjoyable for everyone. If you need a safety check or have questions, contact Steve Shupack, AP, NVSPS Vessel Safety Check Chairman (703) 283-2120.

19-25 May is National Safe Boating Week.

We're looking for a Boat Show Chairman---drop me an email if you're interested

40th Anniversary Celebrated

There's an old saying that "Many hands make light work." The squadron's 40th anniversary celebration on 24 March was a perfect example of that. It all began over a year ago when Gale and Evelyn Alls first suggested that 40 years of NVSPS life and success should be celebrated and Gale began contacting past commanders. In the best tradition of NVSPS team work, others jumped aboard the good ship 40th Anniversary. Here's more of the crew and some of what they did:

- All Past Commanders and former First Spouses who submitted letters for yearbook
- Joel and Paula Bailey (payments; nametags)
- Tom Ballew and Sea Scouts Angela LeChevalier, Danielle Meeker, Katie Menoche, Andrew Scheuermann, Cynthia Scheuermann, Julia von Baumgarten (ship display; flag ceremony)
- Bill and Clara Blanding (chocolates; greeters)
- Charter Members: Tom Martin, P/C Bob Malone, P/C Bill Eldridge (speakers)
- George and Marge Degnon (solicited ads; greeters)
- Dick and Jean Durgin (entertainment; yearbook; organization)
- Bob and Lindalee Fitton (master of ceremonies; centerpieces)
- Joe and Gail Jarocki (greeters; clean-up; Flag Officer)
- Ron Larson (slides; historical perspective)
- Walt and Manette Lazear (mailing labels)
- Bob Manning (photographs)
- Jay Nelson (trophies; steered the ship)
- Robin Roberts (photographs)
- Keith Segerson (COW aide)
- John and Robie Shivik (proclamations; American Legion, Chaplain)
- Pete and Judy Soballe (newsletter)

Thanks, everybody, for a job well done!

Jean Durgin, AP, Committee Chair





Admin Officer's Report

P/C John Shivik, AP

Time for FUN!!! Have you ever sat at a keyboard and let your thoughts ramble? Particularly when the temperatures outside reach the comfort level and there is not a cloud in the sky... AND you can hear the call of the River and Bay beckoning you to come. I find myself in that situation as I write my article as a recycled Administrative Officer. Just daydreaming about what the future months promise for our Squadron activities can lull one into euphoria. OK! Enough of that. I have to stop gazing out the window.

When is the time to kick off the fun of the boating season? The time is NOW, the price is right- FREE - and what better way to start the season then with a NVSPS Picnic on 19 May at the Fairfax Yacht Club. Any questions and for reservations please contact me via snail mail, email or phone or to Ron Larson rndlars@msn.com 703-922-7094 prior to 11 May, the earlier the better. The reservation form is on the website and on this page. Please bring a salad, chips and dips, or dessert to share. Our main course will feature BBQ pulled pork and pulled chicken. During the afternoon there will be games and challenges for all ages. Bring the children and/or grandchildren! We start off with the BBO at 1245 followed by a fun and games. VSCs will be conducted for FYC during the period. A 50/50 drawing will round out our afternoon at 1630. Mark your calendar for 1200, 19 May and submit your reservation as soon as possible. It will be a fun time so come and enjoy the friendship of our Squadron. How do you get to Fairfax Yacht Club, you ask? Here are the directions. Look forward to seeing you!

(19May07 @ 1200) Directions to FYC

10721 Old Colchester Rd, Mason Neck, VA 22079

From the Beltway: South on I-95, exit for Woodbridge via US Rte 1 south. Left at Furnace Rd, the first light. Go under the railroad, then straight across Old Colchester Rd. down the private lane to FYC. Park at any open space.

From Fredericksburg: North on I-95, exit for Rte 123 east to Rte 1. Left on Rte 1, cross the Occoquan river. Right at Furnace Rd, first light. Go under the railroad, then straight across Old Colchester Rd. down the private lane to FYC. Park at any open space.

On the Occoquan River 38° 41'N, 77° 15'W

Spring Picnic Reservations (deadline 11 May)

Email jshivik@cox.net 703 273-3351 or snail mail to: P/C John Shivik 10815 Colton St. Fairfax, VA 22032-3404

Reservation for persons for the 19 May Picnic,		
1200-1700 at Fairfax Yacht Club.		
FREE for Members & Family!		
Member Name(s):		
Guest(s)		
We will bring salad□, chips & dips□ or dessert □		
Yes, I can help with Setup ☐ Games ☐ Cleanup ☐		

Co-Op Charting (CoCh)

News flash! NOAA has cancelled the Geodetic Marker Recovery program, a mainstay of CoCh for many years. The reason cited is that the data was inaccurate. Now is the time for our squadron to focus on other aspects of CoCh, depth, current, tidal, range line and marina surveys, and Coast Pilot updates.

NVSPS is finalizing plans for a depth survey sometime in mid to late May. E-mail me if you are interested.

Does anyone of know of good location for a depth survey? NOAA is very interested in updating shallow waters and areas of shoaling. Perhaps the waters around your marina haven't been surveyed in many years. Let me know and I'll get the planning underway.

The annual D/5 CoCh Workshop is coming up 4-5 May at the NOAA Atlantic Marine Center in Norfolk. All members are invited. If you're at all interested in the science of charting and navigation, this is a great first-hand opportunity to see how NOAA charts our waters and the equipment they use to do it. Look for details and registration at http://www.uspsd5.org and in the latest edition of Mark 5 http://www.uspsd5.org/mark_5/spring07_mark5.pdf (pages 9 and 12).

Also see http://www.usps.org/national/coch for the National perspective on CoCh. Their website contains a wealth of information on CoCh activities.



"Chalk Talk"

Education Officer Lt/C Rick Baker, AP 703 318-5899 rickbaker2006@verizon.net

Registration for the new Junior Navigation course has been strong and materials are ordered. By mid June, these 20+ members will be taking "sun sights" using the fleet of Squadron sextants. This new JN course isn't all about celestial navigation, but puts first emphasis on the skill to find and resolve a running fix using the sun and then transitions into crossing oceans using electronic navigation. And, our new Seamanship Course kicks off in early June! Registration closes soon, as we must order the books. This is really our new members' first step into advanced education classes; so, please take it, if you need it! We only offer it once a year. After Seamanship, the advanced series of courses follow with Piloting in the fall and Advanced Piloting in the winter. Please don't get out of step! Last, but not least, we completed our first "all-hands" instructor meeting in mid April, with about 15 members attending. Your SEO learned as much from them as they might have from him! Duh!! I plan to make this a semiannual event to keep our instructors, instructor wannabes, and instructor shouldbes up to speed on the squadron's education programs. See you at the next instructor call in the fall!

THE NEW SEAMANSHIP COURSE!

NVSPS will offer USPS University's new Seamanship Course, beginning 5 June, Tue, 1930 – 2130, at the GMU Offices in Fairfax. Members will meet weekly through 28 August with a two-week break in the schedule for the week of the Squadron Cruise in June and the subsequent week of July 4th. This all new course is somewhat similar to the public boating course, except it's on steroids and without any navigation! You will learn advanced techniques for anchoring, for putting your boat in a slip in adverse conditions, and for dealing with emergencies. When you successfully complete this course, you will earn the advanced grade designation of "Seaman" or "S". The classroom will be open at 1900 before class for one-on-one consult and for knot practice. You must register by 4 May so we can order the books. This is a high-value course for the modest cost of books, materials, shipping, and handling of \$80. Family members sharing the book and materials receive a 50% discount! Register NOW: rickbaker2006@verizon.net. (A minimum of 15 members are required to make this course a go, so please register to get us going!) If you decide to register after the deadline, try anyway; but, no promises.

Sea Scout Saves a Life!

Ordinary Sea Scout / Eagle Scout John Fronzaglia of Sea Scout Ship 1942 was down at the Washington Sailing Marina on the afternoon of 4 Aug 2006 when he noticed a young boy yelling for help who had slipped from a catamaran. His leg was entangled in the boats rigging and was severely gashed. John is a qualified Life Guard and is also Red Cross First-Aid Certified. He immediately went to work to disengage the boy and place him on the dock. Blood was everywhere! John knew he had to slow down the blood loss quickly, so he grabbed a Personal Flotation Device to use as his "blood barrier" as he applied direct pressure. John remained with the victim, keeping him calm until he was relieved by EMTs several minutes later. The gash turned out to be over 8-inches long and required about 150 stitches. According to the victim's father, his son has now fully recovered but it was over 4 weeks before proper arterial blood flow returned to his leg.



Ordinary Sea Scout / Eagle Scout John Fronzaglia

It is a great honor to announce that John has been awarded the Boy Scouts of America Life-Saving "Heroism Award". "Don't give up the ship" Tom Ballew, Skipper ship 1942



WALTZING THROUGH THE SAN JUAN ISLANDS: VI

"Oh Canada!"

Sunny with 15 kt winds. We made the 24 nm trip to Prevost Harbor on Stuart Island in 3 hrs. We all marveled at how the water "boils" where the depth changes from ~600 to 150 feet in some areas. These patches make for an interesting sight and turbulent motion as you pass through. Much of Stuart Island is private, no towns, restaurants or shops. But its proximity to the border and ~100 acres of state park make it a popular destination We cleared the buried rock-ledge at the harbor entrance, turned to miss the charted reef, and motored to the anchorage. It was crowded but manageable. We tried twice in the 30 foot water, but the anchor seemed to skip across the bottom. I eventually invoked our rule "stop, it doesn't feel right," and we tried our hand at the linear rope mooring (another



SEA WALTZ tied to the linear mooring in Prevost Harbor

first for us). Two thick lines with tie rings along its length are secured to detached deep-set anchoring buoys and you just side-tie the boat to the rings. Once we were settled in, several harbor seals poked their little faces out of the water to check us out. They became regular visitors in most of the anchorages and harbors along our trip.

Since we'd arrived early, we took a dinghy tour of the anchorage and then docked at the state park dock, paid the \$10 fee, and headed off to explore the island on foot. Reid Harbor is just on the other side. The steep, narrow peninsula is easily crossed on foot, but a lengthy water cruise. Reid is a much larger anchorage than Prevost. It was bustling with boat activity and parties. We continued our exploration. The raw natural surroundings were wonderful but with minimal trail markings, leaving us wishing we had a chart, uh, I mean a map. We rounded a corner in the shady forest and came face-to-face with two deer. The doe took off immediately but the buck ambled into the undergrowth and kept a wary eye on us while he finished

his supper. After our energetic hike and a dinner on the boat, sleep came fast.

We awoke at low tide. The submerged rocks were now proudly basking in the sun. It appeared that the harbor entrance was blocked, but it was just an illusion based on our viewing angle. We backed away from the mooring, navigated around the rocks, and set our sights for the Canadian customs dock at Bedwell Harbor on South Pender Island, just 4 nm away. Although very close to the San Juans, Pender Island is located on the south tip of the Canadian Gulf Islands. The waters are rich with marine life and the islands offer moderate temperatures and abundant parks and reserves. This would be as far north as we could explore on this trip. Along the way we spotted several porpoises who keep pace with us at a distance.



Customs Dock at Bedwell Harbor, BC

We entered Egeria Bay and headed for the customs dock. We saw that the dock utilized the "bull rail" set-up. As SEA WALTZ gently snuggled broadside to the dock, Jim stepped onto the dock and secured her for our check in. The Customs station was unmanned, but equipped with banks of direct-line phones. Clearance was swift and the official on the other end of the phone was prompt, professional and courteous as she walked through her question list. I was impressed. Welcome to Canada! A quick look around the harbor, a re-supply for our ice chest, and we were off again to Victoria. We all agreed that Bedwell Harbor was an interesting place and certainly deserved a visit with more time to at least tour the popular Poets Cove Seaside Resort built on the site where the crew of the H.M.S. Egeria built a guardhouse in 1902.

Next Month, "SO, THIS IS VICTORIA?"

Lt/Cdr Bill Blanding, P Lt/Cdr Clara Blanding, P smodim@comcast.net



Squadron Calendar

	May 2007	
3 Thursday 1900-2130	GPS Seminar Robinson Secondary School, Fairfax \$35 for USPS Members and non-member guests. Registration required, seats are limited. Instructor: P/C Gale Alls, SN	Rick Baker rickbaker2006@verizon.net
4-5 Fri -Saturday	D5/NOAA Cooperative Charting Workshop, National Ocean Service, Atlantic Marine Center, Norfolk, VA Details in <i>Mark5</i> , district newsletter	Ed Phillips potter339@earthlink.net
5 – 7 Sat-Monday	5th Annual Maryland Maritime Heritage Festival Annapolis City Dock, Includes a display of in-water historic and modern boats, children's activities, blessing of the fleet, entertainment, live music and more.	www.mdmhf.org/home
5 – 6 Sat–Sunday	Annapolis Spring Sails Event Annapolis, MD 10 area dealers representing 20 sailboat lines, 75 sailboat models, and 100's of previously owned yachts. No admission fees	www.springsailsevent.com
9 Wednesday 1900:Social 1930: Meeting	All Hands' Meeting at Boat US Refreshments: Ann and Steve Hall. Topic: TBD	Clara Blanding claralee@comcast.net
19 Saturday	NVSPS Spring Family Picnic and Vessel Safety Check. Location: FYC Details in this $oT\&T$	John Shivik jshivik@cox.net
23 Wed: 1900	Excom Meeting. GMU Conference Room, Fairfax	Jay Nelson gjaynelson@aol.com
24 Thursdays 1930-2130	Junior Navigation Course Location: GMU Fairfax Seminar Format Leader: TBD. Register by 23 April 07. 14 Sessions Cost: TBD	Rick Baker <u>rickbaker2006@verizon.net</u> 703-318-5899
	June 2007	
5 Tuesdays 1900-2100	Seamanship Course GMU, Fairfax. Register by 4 May 07. Min 15 needed. \$80. Instructor: TBD. USPS members only.	Rick Baker: <u>rickbaker2006@verizon.net</u> 703-318-5899
13 Wednesday 1900:Social 1930: Meeting	All Hands' Meeting at Boat US Member/New Member Mixer Heavy Refreshments: Bill and Clara Blanding Presentations by Committee and Event Chairs on areas for member participation.	Clara Blanding claralee@comcast.net
16–17 Sat–Sunday	26th Alexandria Waterfront Festival Oronoco Bay Park, Alexandria, VA	www.waterfrontfestival.org
20 Wed:1900	Excom Meeting GMU Conference Room, Fairfax	Jay Nelson gjaynelson@aol.com
24-30 Sun–Sat	NVSPS Annual Summer Chesapeake Cruise Destinations/Itinerary: TBD. Watch the <i>of Tars and Terns</i> for details.	Joe Jarocki jpjgaj@vzavenue.net
	Int. 2007	

	July 2007			
11 Wednesday 1900:Social 1930: Meeting	All Hands' Meeting at Boat US Refreshments: Joe and Gail Jarocki. Meeting Topic: TBD	Clara Blanding claralee@comcast.net		
13-19	D5 Southbound Summer Cruise to D5 Rendezvous	Potomac River Squadron		
Thurs-Thurs	To Somers Cove Marina in Crisfield, MD. Sponsored by Potomac River	P/C John Wilmot, JN		
	Squadron. Details in <i>Mark 5</i> newsletter or D5 Website	410-798-5102		
19-22		www.uspsd5.org		
Thurs- Sunday	D5 Summer Council and Rendezvous. Crisfield, MD			
25	Excom Meeting	Jay Nelson		
Wed: 1900	GMU Conference Room, Fairfax	gjaynelson@aol.com		
28	NVSPS Potomac River Rendezvous and Lunch	Coordinator:		
Saturday	Join us by boat or car for a day and/or lunch on the Potomac River	TBD		

	August 2007	
	No monthly All Hands' Meeting or Excom Meeting in August - sum	ner break
	September 2007	
5 – 9 Thurs – Sun	USPS Fall Governing Board Meeting Norfolk, VA	See The Ensign or USPS Website
7 – 9 Fri - Sunday	40th Annual Maryland Seafood Festival The Maryland Seafood Festival features outstanding Chesapeake Bay seafood delicacies and land-based fare, live entertainment, and beach activities. Sandy Point State Park, Annapolis, MD	www.mdseafoodfestival.com 410-266-3113
10 Monday 7 – 9:30 pm	Piloting Course Location: TBD Registration: NLT 9 Aug 07 Min 10 Required. Instructor: TBD Cost: TBD. 9 Sessions,	Rick Baker rickbaker2006@verizon.net 703-318-5899
12 Wednesday 7 – 7:30 Social 7:30 Meeting	All Hands' Meeting at Boat US Meeting Topic: TBD. Refreshments: Keith Segerson	Clara Blanding claralee@comcast.net
13 Tuesday 7 – 9:30 pm	Engine Maintenance Course Location: TBD. Instructor: TBD. Cost: TBD 14 Sessions, Registration: NLT 12 Aug 07. Min 10 Required	Rick Baker rickbaker2006@verizon.net 703-318-5899
15-16 Sat - Sunday	NVSPS Finally Fall Cruise Chesapeake Bay. Destination: TBD	Coordinators: TBD
26 Wednesday 7 – 9:00 pm	Excom Meeting GMU Conference Room, Fairfax	Jay Nelson gjaynelson@aol.com
TBD TBD	D5 Sail Regatta and Rendezvous. Check the D5 Website for details. Hosted by the Cambridge Power Squadron	www.uspsd5.org
	October 2007	
10 Wednesday 1900: Social 1930: Mtg 19-21	All Hands" Meeting and Octoberfest Pot Luck Dinner Meeting Room at GMU, Fairfax Combination meeting and Pot Luck Dinner. Watch oT&T for details. NVSPS Tilghman Day Cruise	John Shivik jshivik@cox.net Coordinators:
Fri-Sunday	Tilghman on Chesapeake Marina Join the fun at Tilghman Island Day! <u>www.tilghmanmd.com</u>	TBD
24 Wed 1900	Excom Meeting GMU Conference Room, Fairfax	Jay Nelson gjaynelson@aol.com
	November 2007	
TBD Fri- Sunday	D/5 Fall Education Conference. See Mark 5 Newsletter	
14 Wednesday 1900 Social 1930 Meeting	All Hands' Meeting at Boat US Refreshments: Evelyn and Gale Alls Topic: Guest Speaker: TBD	Clara Blanding claralee@comcast.net
28 Wed 1900	Excom Meeting GMU Conference Room, Fairfax	Jay Nelson gjaynelson@aol.com







an official publication of Northern Virginia Sail & Power Squadron in District 5 of

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

Visit us at: www.usps.org/localuspsnva



2^{pd} Wednesdays at 1930 (any changes posted herein and on the web) at BoatUS 880 S. Pickett St., Alexandria

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

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

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

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