



Carolina Piedmont Base of the USSVI presents the

Piedmont Periscope

Issue 1412

December 2014

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USSVI Creed

Nearly 4,000 submariners have sacrificed their lives on the altar of American freedoms. It is the primary mission of USSVI to perpetuate their memory through memorials and "tolling the boats" memorial services. Per the USSVI Constitution Article III the Purpose/Creed consists of three sections:

Creed

Section 1: *To perpetuate the memory of our shipmates who gave their lives in the pursuit of their duties while serving their country. That their dedication, deeds, and supreme sacrifice be a constant source of motivation toward greater accomplishments. Pledge loyalty and patriotism to the United States of America and its Constitution.*

Camaraderie

Section 2: *In addition to perpetuating the memory of departed shipmates, USSVI provides a way for all Submariners to gather for mutual benefit and enjoyment. The common heritage as Submariners is strengthened by camaraderie. USSVI supports a strong United States Submarine Force.*

Perpetual remembrance

Sections of the USSVI Creed



Lost Boats for December

"Sailors, rest your oars"

USS F-1 (SS 20) December 17, 1917

USS S-4 (SS 109) December 17, 1927

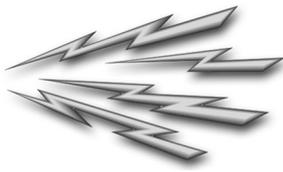
USS SEALION (SS 195) December 10, 1941

Section 3: *The organization engages in various projects and deeds that bring about the perpetual remembrance of those shipmates who have given the supreme sacrifice. USSVI also endeavors to educate all third parties it comes in contact with about the services United States submariners performed and how the sacrifices of lost shipmates made possible the freedom and lifestyle Americans enjoy today.*

Photo # NH 79774 USS Lagarto underway, circa later 1944



CO's Stateroom— Carolina Piedmont Base Commander Steve Bell



By the time you read this it will almost be Turkey Day. So, I would like to wish each and every one of you a Happy Thanksgiving. I can only hope you do not hurt your waistline too much.

I am sure Jack and Bob will have more on this, but we had a good Halloween Day at Levine Children's Hospital. Jack

even made a new friend there.

A couple of us from our base went down to the annual Kings Bay WWII Memorial Service. What a great time we had there. It seems to get better each year. There were massive improvements made at the hotel which makes most things work out much better. If you have never been to this event, maybe you will get to one. It is just a great event to attend.

After my return from Kings Bay, four of us went to the annual Saluda Trails Middle School Veterans Day event they had on Monday, 11/10/2014. That turned out to be a good showing for us. Bob Schilke brought his "fleet" and that went over really well with the children.

That was three events in just a couple weeks of each other and we had decent representation at each of them. All were very enjoyable. When these opportu-

nities come up, please try to take advantage of them. Each in their own way are worthwhile and you walk away from them with a good feeling in you.

We are getting close to December, or better yet, about 6 weeks away from the end of the year when membership dues should be fully turned in. We still have 24 members that have not paid their annual dues and 34 that have not paid their base dues. Please get them in to us as soon as you can. Those of us that have to mess with this each year would like to put this to bed but cannot do that without your cooperation. Send them to Raymond Zieverink so we can close this out.

Our remaining meetings for this year are on 22 November and 13 December.

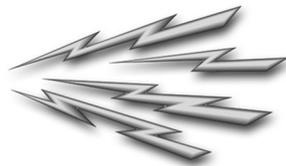
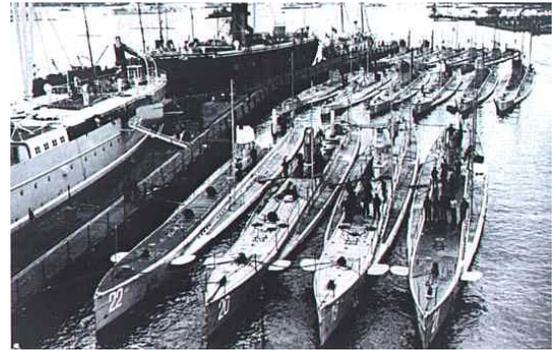
Carolina Piedmont Contacts

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Commander's Message Continued....

The December meeting will not be a meeting as such. We will Toll the Boats and should anything urgent be needed to be done, we will do that (I do not anticipate anything but one never knows). So please plan accordingly.

At the beginning of the year we will be asking for nominations for Carolina Piedmont Base Officers (those elected ones). I ask each of you to consider running for one of the four offices. None of them are really that difficult or take as much time as you may think. The only way this organization (at any level) can keep going is to have people step up and take a position (or at least run for the position). Nominations should close in February with the voting to be conducted in March. Announcement of winners will be at the April meeting (if that is necessary). The 2015 Officers will be sworn in at the Burnsville meeting in May. Then I can smile.



**XO's Stateroom —
Vice Commander
Jack Jeffries**

Due to some pressing life issues, our XO did not submit a note to the base. (He wasn't using his active sonar to range/rate the other car!) However, Please have a very safe and Merry Christmas from his family to yours and he will see you at the Christmas gathering on the 13th at the VFW post.

The Editor



Comm Center— Mike Hubbell, Base Secretary



October Meeting Minutes, October 25, 2014

-Call Meeting to Order

1900 hrs. Base Commander Steve Bell called the meeting to order.

-Invocation

James Schenk gave the Invocation.

-Pledge of Allegiance

Steve Bell led the Pledge of Allegiance.

-Tolling of the Boats

The Tolling for March was presented by Steve Bell and Rick Petitt.

-USSVI Creed

The USSVI Creed was recited by Calvin Reese.

-Member Introductions

There were 23 members present. Two new Base members were welcomed, Stephen George, and John McHugh. Joel Sparnon, a member in good standing, attended his first meeting.

-Reading/Approval of the last meeting minutes

The motion was made to accept the minutes for the September, 2014 meeting as posted in the Piedmont Periscope and Emails sent to the membership. The motion carried.

-Reading/Approval of the Treasurers Report

Raymond Zieverink gave the Treasurer's Report for October 2014. The Motion was made to accept the report as read, the motion passed.

Minutes Continued

Current Balance	\$6,370.09
Kapss4Kidss	\$2,095.37
USSVI Scholarship Fund	\$ 151.00
General Base Funds Available	\$4,123.72

-Old Business

None

-New Business

None

-SK Report

Jeff Nieberding reported that he has Base Challenge Coins, Patches and will take orders for anyone needing a vest.

-Good of the Order

-Dues Renewal

Steve Bell reminded all hands that Base and National dues are coming up. Steve urges all hands to consider the 3 year or 5 year option for national dues. The Life Membership is pro-rated base on the age of the member, and might be a more viable option for our senior ship-mates. Dues should be paid to the Base Treasurer Raymond Zieverink.

-Veteran's Day at Saluda Trails Middle School

Steve Bell reported that on Monday November 10th, the Base will once again participate in the Saluda Trails Middle School's Annual Veterans Day celebration in Rock Hill, SC. Robert Schilke will be bring the "Fleet" for display. This will be an all-day event, lunch will be provided. Those interested in attending should muster at the school by 0830 hours.

-Kaps-4-Kids

-Victory Junction Visit

John Wardean and Jeff Nieberding reported on the latest visit to Victory Junction Camp. Steve Bell thanked all members for the continuing support for the Kaps-4-Kids program.

- Levine Children's Hospital

Jack Jeffries reported that the Hospital has invited the Base to participate in their Halloween Program on October 31st. The program will be held in the Atrium, the Base will not be visiting the rooms as has been in the past. There are more openings for anyone interested in attending. Jack asked that anyone interested to contact him ASAP.

-Kings Bay Memorial

Steve Bell reminded all those wishing to attend this year's WWII Memorial Service to get their registrations and hotel reservations in ASAP.

-South East Regional Meeting

Steve Bell reported that the SE Regional Meeting will be held in April of 2015. The site for the meeting will be at the Cape in Florida. Registration and schedule of event have been E-mailed by Jack. Those wishing to attend can contact Jack Jeffries for more information.

-Jim Schenk Book Sale

Jim Schenk reported that any members who purchase his latest book will receive a signed copy. Jim will also donate \$3.00 from each sale to Kaps-4-Kids.

-USN Burial At Sea Program

Gene Rutter reported about the Navy's Burial at Sea programs. Gene briefly explained the program and provided the base with a copy of the procedure and related forms. The procedure and forms will be included in the next issue of the Piedmont Periscope.

-Piedmont Periscope

Robert Schilke reminded all hands that submissions for the newsletter needs to be sent to him not later than November 15th.

-Next Meeting

The next meeting of the Carolina-Piedmont Base will be on November 22nd, 2014 at 1900 with our meal at 1730. The meeting will be at the VFW in Fort Mill. Steve Bell also noted that we will gather at the VFW on December 13th, 2014 for our normal Christmas celebration.

-Motion to Adjourn

October Meeting Minutes Continued....

The motion to adjourn was made and passed.

Respectfully Submitted by

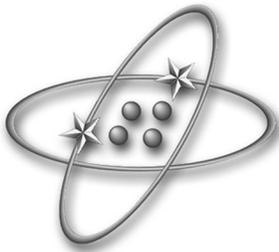
Michael Hubbell

Base Secretary





From The COB - Rick Pettit



November has arrived and the big event coming up.....Thanksgiving. Thanksgiving origins are difficult to determine but it is widely accepted that the first Thanksgiving was a religious celebration by the Pilgrims giving thanks for their first harvest in the New World. It became an official holiday in 1863 when President Lincoln declared it a “national day of Thanksgiving and Praise” and set the date as the 4th Thursday in November. We all celebrate the 4 days in November with family and friends, eating turkey until the “turkey coma” sets in, watching football and

of course shopping on the newly established “BLACK FRIDAY”. Well some of us will shop that day. How did we get from a ‘day of praise’ to a ‘shop till you drop’ event??? Anyway, I hope everyone has a wonderful Thanksgiving.

Rick Pettit
COB



From Uncle John’s Bathroom Reader 12th edition:

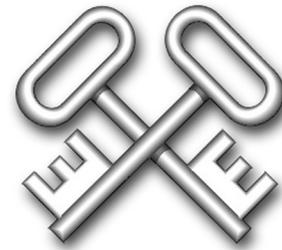
“ I don’t deserve this award, but I have arthritis and I don’t deserve that either.” Jack Benny

“You know you’re getting old when you stoop over to tie your shoes and wonder what else you can do while you’re down there.” George Burns

“Since I came to the White House I got two hearing aids, a colon operation, skin cancer, a prostate operation, and I was shot. The damn thing is, I’ve never felt better in my life.” Ronald Reagan, at age 69



Need Supplies?



The Supply Shack-

Jeff Nieberding - SK

Carolina Piedmont Jackets are still available to order, several members have ordered theirs already. Just let the SK know and he'll fix you up with an order form.

USSVI vests are also available to order thru the SK.

Patches, the SK is now able to order patches from BC Patch LLC at wholesale prices. This is usually \$2 - \$3 less per patch than we normally see. Let the SK know what you need.

Chaplin's Corner



Diana and I wish you all a wonderful Thanksgiving. Thanksgiving is an opportunity to count our blessings. Some of you may recall the little chorus: Count your blessings, count them one by one. And it will surprise you what the Lord has done!

Psalms 95:1-9 NKJV
10h come, let us sing to the Lord! Let us shout joyfully to the Rock of our salvation.
2Let us come before His presence with thanksgiving; Let us shout joyfully to Him with psalms.
3For the Lord is the great God, And the great King above all gods.
4In His hand are the deep places of the earth; The heights of the hills are His also.

5The sea is His, for He made it; And His hands formed the dry land.
6Oh come, let us worship and bow down; Let us kneel before the Lord our Maker.
7For He is our God, And we are the people of His pasture, And the sheep of His hand.
Today, if you will hear His voice: 8“Do not harden your hearts, as in the rebellion, As in the day of trial in the wilderness, 9When your fathers tested Me; They tried Me, though they saw My work.

Ecclesiastes 3:11 NKJV He has made everything beautiful in its time. Also He has put eternity in their hearts, except that no one can find out the work that God does from beginning to end.

We thank God that Diana is home from rehab and doing fairly well. She still has to deal with neuropathy pain in her hands and forearms but the medication seems to help to some extent. It is tough



getting her up and going in the morning. Thank you for your thoughts and prayers as we continue on a long journey to recovery. Other base members and families have had and are having some difficult situations and our thoughts and prayers are with you. We are especially reminded of Paul and Sandra's daughter and Michael Toomey's son. I apologize that I have not been on Facebook much to catch up on things.

I just opened an e-mail from Commander Bell that Jim Harris is having surgery in a couple of days to have a valve replacement and two bypasses. Our prayers are with him and Liz and we pray that by the time this is printed we will have news that his recovery is going well and he is up and about.

2 Corinthians 4:8-10 NKJV We are hard-pressed on every side, yet not crushed; we are perplexed, but not in despair; 9persecuted, but not forsaken; struck down, but not destroyed—10always carrying about in the body the dying of the Lord Jesus, that the life of Jesus also may be manifested in our body.

NOTE: A side note on hospitalizations and rehab centers.

Many of you know this already so let this be a re-

minder. If you or a loved one is hospitalized be sure you or they have an advocate!

We have nothing but good words to say about the staff at Gaston Memorial Hospital and Carolinas Rehabilitation Center but we do have problems with some of the policies. Because Diana has so many issues (peritoneal dialysis, insulin pump, a fistula in her left arm, and pain from neuropathy and arthritis) it was important for me to be there as an advocate.

Whenever a new shift came on or the weekend came we had to re-educate them on the issues. Sometimes, because of policies, we had to go to supervisors and doctors regarding her care. Nevertheless, we are glad to be home!

Therefore, my beloved brethren, be steadfast, immovable, always abounding in the work of the Lord, knowing that your labor is not in vain in the Lord. 1 Corinthians 15:58 NKJV

God bless you all with health and safety. Have a happy and safe Thanksgiving!

In God's amazing grace,

Chaplain Ray Lutz

Para-viz Shots



**Photos from
November Events**

**Levine Children's Hos-
pital, Kaps For Kids!**



Kaps For Kids

- Rick Pettit
- Jack Jeffries
- Homer (non-qual NUB)
- Robert Schilke
- Steve Bell

Jack's new Pal!

(Ya know Jack, that suit smelled worse than a 90 day cruise on a pig boat....!!!!)

We gave out 75 hats and Honorary Qual cards to children. Homer didn't get Qualed though. He needs some more time back aft with the "A" gangers on the hydraulics and the diesel.



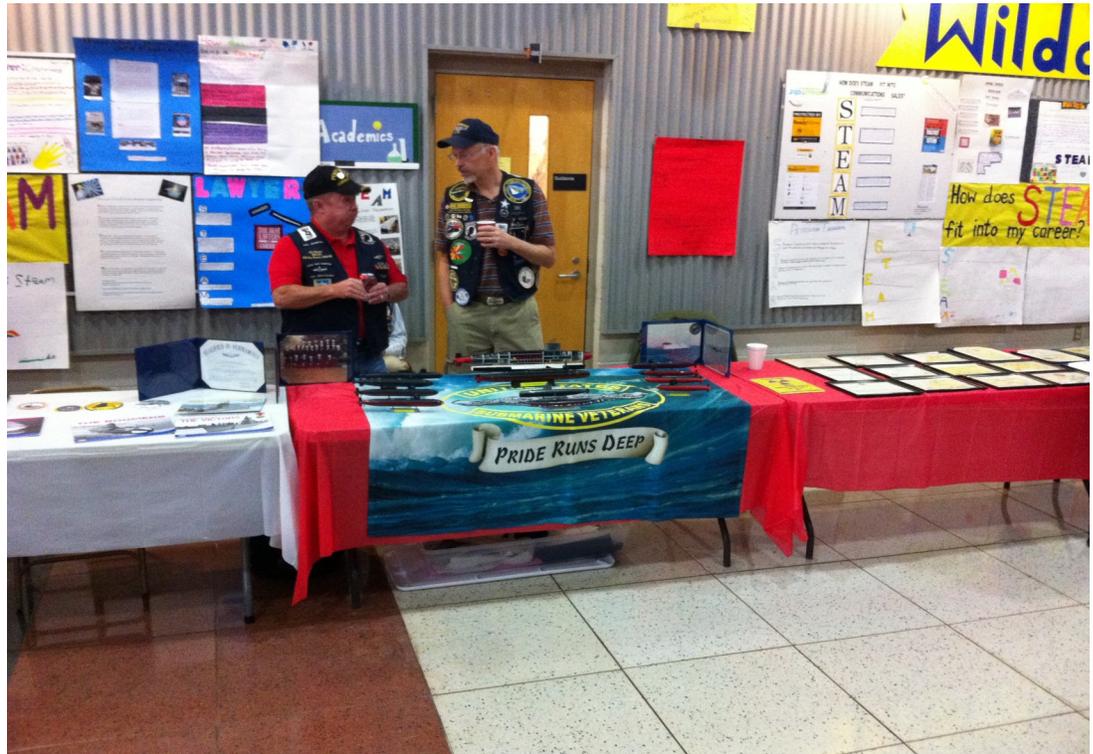
Photos from Saluda Trails:

Bob Bunney

And

Jeff Nieberding

Our table top fleet brought the kids out and saves the day! Jack had car issues and we didn't have our lost boats banner. Oh well, We made do...



Jeff Nieberding with a student

To give perspective, We were one of 10 vet groups there that day.

This was a lull between class rotations. Surprisingly that we had a lot of middle school girls stop by our table and ask questions.

Kids really enjoyed the table top fleet.

New members

Welcome Aboard!

**Peter Stephenson-Qualified in 1990
onboard The Stonewall Jackson SSBN-634**

Binnacle List:

Gaby - Friend of Tom and Susan Kelly

Michael Toomey—Son of Mike Toomey

Tom Hulme

Diana Fritz

Jim Harris

Bob Howell

Cathy Davison

Happy Birthday to:

December:

James Anderson— Dec 1

Charles Breese-Dec 28

Ron Busila— Dec 26

Ray Fritz— Dec 6

James Hanks- Dec 16

Robert Hopkins— Dec 12

John McHugh— Dec 2

Jeff Nieberding— Dec 26

Glen Snyder— Dec 8



Mike Ward— Dec 22

If your birthday was missed, please notify Jack or the editor!

HAPPY ANNIVERSARY to:

Glenn & Donna Harris – Dec28

Jerry & Wendy Paciorek— Dec 19

Otis & Barbra Sealy— Dec 7

Joel & Karen Sparnon— Dec 10

Al & Sandy Westberry— Dec 7



And any others I might not be aware of! Radiomen are supposed to know these things...

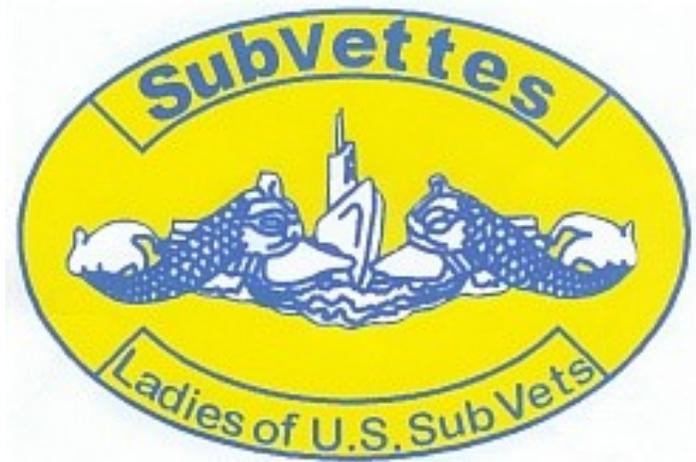
SubVettes Birthdays!



December Birthdays:

Nadine Conelly—December 13th

Lynn Trexler— December 28th



AND A



Piedmont Funnies Page

From Jim Schenk:

Boat Owner Investigated by IRS

The IRS suspected a fishing boat owner wasn't paying proper wages to his deckhand and sent an agent to investigate him.

IRS AUDITOR: "I need a list of your employees and how much you pay them".

Boat Owner:

"Well, there's Clarence, my deckhand, he's been with me for 3 years. I pay him \$1,000 a week plus free room and board. Then there's the mentally challenged guy. He works about 18 hours every day and does about 90% of the work around here. He makes about \$10 per week, pays his own room and board, and I buy him a bottle of Bacardi rum and a dozen Budweisers every Saturday night so he can cope with life. He also gets to sleep with my wife occasionally".

IRS AUDITOR:

"That's the guy I want to talk to - the mentally challenged one".

Boat Owner:

"That would be me. What would you like to know"?



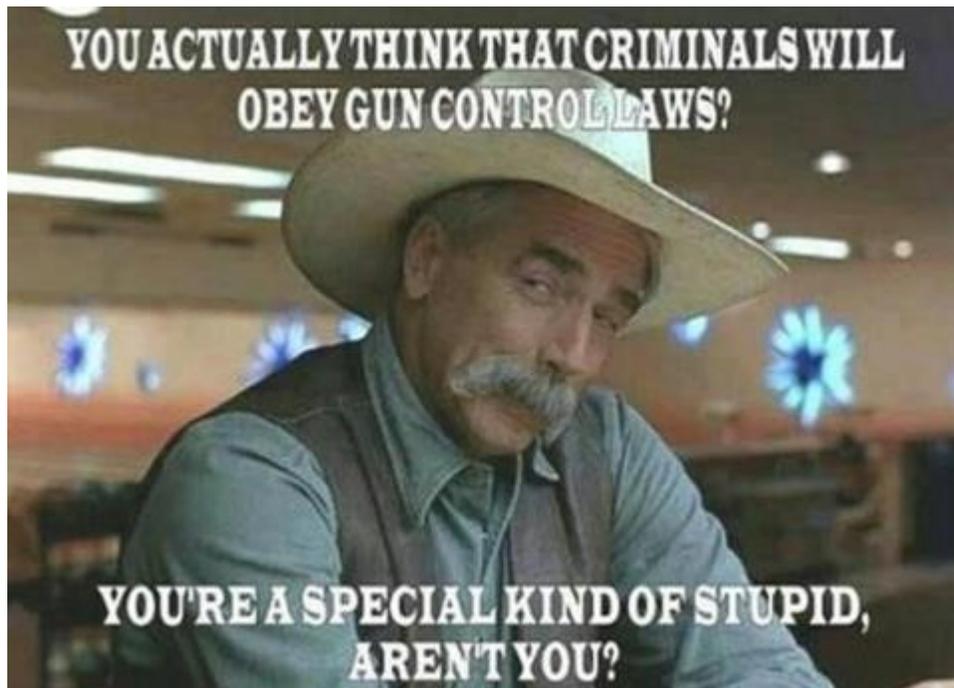
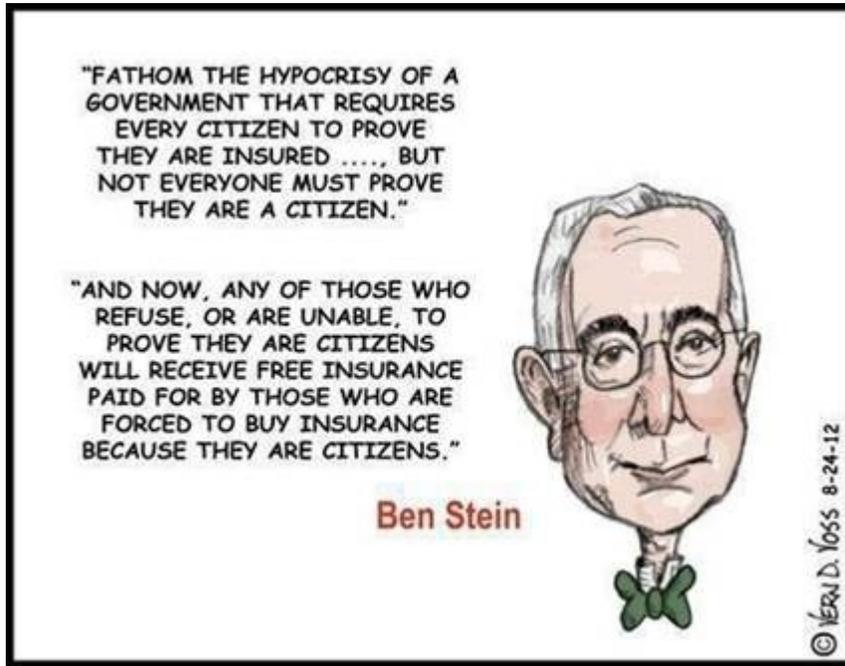
From Uncle John's Bathroom Reader "Plunges into History": Proven Wrong by History Part II

THE TELEPHONE: "This "telephone" has too many shortcomings to be seriously considered as a means of communication. The device is inherently of no value to use." -Western Union internal memo, 1876.

THE RADIO: "The wireless music box has no imaginable commercial value. Who would pay for a message sent to nobody in particular?" - David Sarnoff's associates in response to his urgings for investment in the radio in the 1920's.

THE BOMB: "The bomb will never explode. I am saying this as an expert on the subject." - Admiral David Leathy advising President Harry Truman during the American atom bomb project, 1945

Funnies Continued



Russia Tests Long-Range Missile Fired From Submarine

Aljazeera-America, Nov. 5

Russia test-fired a Sineva intercontinental ballistic missile from a submerged submarine in the far-northern Barents Sea on Wednesday as part of a check on the reliability of the navy's strategic forces, the Defense Ministry said. The move follows alleged Russian testing of a cruise missile last summer, and a far-reaching \$355 billion upgrade of the U.S. nuclear weapons fleet over the next decade ordered by President Barack Obama.

The liquid-fueled Russian ICBM, which can carry nuclear warheads, was fired from the Tula submarine to the Kura Test Range in the far eastern Kamchatka region, the RIA news agency quoted the ministry as saying. It gave no other details.

The Sineva, which has a range of about 7,500 miles, entered service in 2007 and is part of efforts to prevent the weakening of Russia's nuclear deterrent.

President Vladimir Putin has underlined the importance of the nuclear deterrent during the stand-off with the West over the conflict in Ukraine, and during the Ukraine crisis Russia has held several military exercises that have alarmed Western powers. President Obama, for his part, has initiated a massive modernization program of the U.S. nuclear arsenal.



New Nanomaterial Takes the Stink Out of Submarine Air —Wired Science, Nov. 11

On a US Navy submarine, every breath you inhale has been repeatedly exhaled from the mouths of about 120 other people. This isn't as suffocating, or gross, as it sounds, because submarines have ventilation systems that take the CO₂ out of the air, and recirculate it with chemically catalyzed oxygen.

I take that back, the air is gross, because the chemical used to remove CO₂ smells like old diesel mixed with a dash of sulphur, and it permeates everything on board. This chemical, called amine, is known by every submariner (I was one for 3 years), as well as every submariner's wife, husband, or anyone else who encounters that sailor's laundry. However, a new CO₂-capturing nanomaterial could bring an end to this most notorious of submarine smells (trust me, there are others).

Unlike amine, which is a liquid, the new material looks like sand. In fact, it is sand, except it is covered with tiny pores, each filled with molecules that selectively pull CO₂ out of the airstream. Together, sand grain and molecule are called Self Assembled Monolayers on Mesoporous Supports, or SAMMS. The pores create nooks and crannies that let even a small amount of the material soak up an incredible amount of CO₂—a teaspoon of the material has slightly less surface area than a football field. And it's reversible. "With a slight amount of heat, you can also open that molecule back up and release the CO₂, making it possible to use the same material over and over again,"

Nano Material Contined

said Ken Rappe, an engineer at Pacific Northwest National Laboratory who worked on SAMMS.

There are many different types of SAMMS, each designed to bind with a specific molecule. They were originally engineered to pull mercury and other contaminants out of industrial waste streams, Rappe says. The CO₂-binding version was identified by accident over a decade ago, when a scientist accidentally dropped a sample of the stuff in a glass of water. The sample started fizzing. Some experiments showed that this fizzing was the water dissolving stored carbon. At the time, carbon capture and storage wasn't a huge research interest (besides, SAMMS likes its CO₂ cool, and coal power emissions or automobile exhausts are too hot to capture), and the researchers searched for an application before a colleague pointed them to the problem of funky sub air.

Amine doesn't just stink, it's also highly corrosive and will ruin anything not made of stainless steel. This makes it a huge maintenance burden, as it needs to be flushed and moved into storage whenever it gets saturated with CO₂. The sandy SAMMS would alleviate this, as it doesn't need special storage. "When you go from a liquid to a solid, you're able to get rid of all the pumps and tanks," said Jay Smith, an engineer at the Naval Ships Engineering Station, Naval Surface Warfare Center Carderock Division (NAVSSSES) in Philadelphia who has been getting the SAMMS-based replacement ready for deployment. "It's also safer, and more environmentally friendly to dispose of," she said.

Changing out life support equipment on a submarine isn't trivial (no matter how reviled the piece of equipment). Rappe and his research partners spent years improving the material before turning it over to the Navy. Since then, Smith and her colleagues have been testing the prototype SAMMS ventilation system specifically for submarines. She says the prototype is currently going through long-term testing with lab-simulated sub air. It could then be deployed on future submarines joining the fleet. Smith also noted that the SAMMS technology has already been evaluated successfully at sea through small scale test units.

And as long as the Navy's switching out gear on the sub, how about a margarita machine in the crew's mess?



Meeting Dinners

Our dinners prior to our meetings are usually "pot-luck". Our ladies, who take pretty good care of us and support our efforts as well as their own projects, put together a great meal.

It is pot luck and everyone that attends the dinner should contribute something, whether home-made or store-bought.

The meal also is one of our main fund raisers. A six dollar donation is suggested for each person eating. From that six dollars, a dollar goes to the USSVI Scholarship Fund. The remainder is divided between the Base membership and the SubVettes membership.

All in all, the money is put to good use supporting the activities of both groups. The meals are always great and there are usually plenty for those who wants seconds.

So please, if you are going to attend the meal, please bring something and please contribute to our causes. You're not going to get that great of deal at any restaurant. And you'll be supporting great causes.

Deadline for the January ssue will be the 15th. Thanks!

RM2/SS



Past Base Commanders:



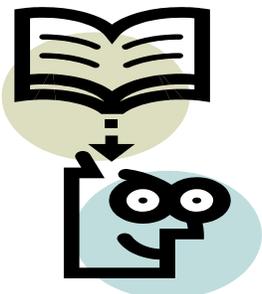
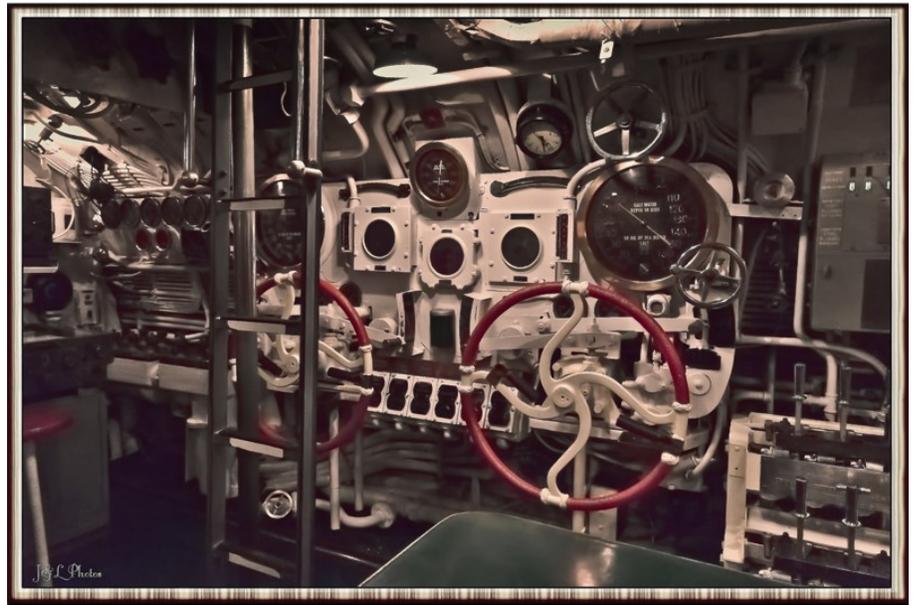
Glenn Harris- 2007 to 2009



Steve Bell- 2009 to Present

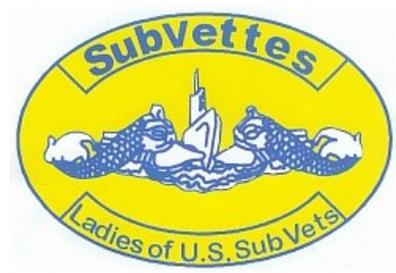


Next Meeting:
Subbase gather-
ing on Decem-
ber 13th, 1800!
VFW Post



Every Boat Sailor has stories. You can find one, clean it up and peck it into an e-mail and send it to rschilke66@gmail.com





Carolina Piedmont Base Calendar of Upcoming Events

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
16 November	17	18	19	20	21	22 Base Meeting At the VFW Post
23	24	25	26	27 Thanksgiv- ing 	28	29
30	1 December	2	3	4	5	6
7	8	9	10	11	12	13 Breakfast At VFW! Subbase gathering at 6pm at VFW Post.
14	15	16	17	18	19	20
21	22	23	24	25 Chri 	26	27 No Meeting! Enjoy your fami- ly!
28	29	30	31	1 January 2015! New Years I 	2	3

One way to support VFW Post 9138 is to attend their **Saturday Morning Breakfast** held on the **second Saturday** of each month from **8am to 11am**— Come on out!

