

# TORPEDO ALLEY



Vol. 12 No. 6

June 2016

## Newsletter of Charleston Base, United States Submarine Veterans, Inc.

**Base Meeting:**

BOD: 02 June 1800

Membership: 9 June 1900

**Location:**

Fleet Reserve Association Branch 26

Low Country Home

99 Wisteria Rd.



Base Commander	Rick Wise	843.875.5559 (H) 843.276.0899 (C)
Vice Commander	Mike Knaub	843.795.6665 (H) 843.696.7555(C)
Secretary	Mike Ciesielko	843.324.0011
Treasurer	Mike Welch	843.300.9022

Chief of the Boat	Ken Hutchison	843.553.0935
Veterans Affairs	Ken Curtis	843.797.1268
Membership	Larry Knutson	843.553.5594
Scholarship	George Scharf	843.873.3318
Storekeeper	Ron Chambers	843.821.2268
Historian	George Scharf	843.873.3318
Public Affairs	Ronnie Kerstetter	843-367-1026
Chaplain	Nick Nichols	843.452.3189
Holland Club	Bill Freligh	843.553.1115
Newsletter	Vacant	
Webmaster	Nick Nichols	843.452.3189
Kaps for Kids	Bill Kennedy	843.875.3109



## Submarines Lose During the Month of June

USS Herring (SS-233) June 1, 1944 – 8 <sup>th</sup> war patrol	Lost with all hands – 80 souls
USS R-12 (SS-89) June 12, 1943	Lost of 42 souls
USS Golet (SS-361) June 14, 1944 – 2 <sup>nd</sup> war patrol	Lost with all hands - 82 souls
USS Bonefish (SS-223) June 19, 1945 – 8 <sup>th</sup> war patrol	Lost with all hands - 82 souls
USS S-27 (SS-132) June 19, 1942	No loss of life
USS O-9 (SS-70) June 20, 1941	Loss of 34 souls
USS Runner (SS-275) June 26, 1943 – 3 <sup>rd</sup> war patrol	Los of 78 souls

### From the Base Commander

#### Be sure to look at Car Show Flyer on last page!

I realize that many newer members are probably not aware of all the activities that USSVI-Charleston Base is involved in. Here is a list although it is not all inclusive and does not include memorial services for members who go on Eternal Patrol.

1. H. L. Hunley – USS Housatonic Memorial Service February 17
2. Distinguished Submariner Award March
3. Little David Upkeep at Berkeley Museum, Moncks Corner March – Spring (usually one weekend)
4. Holland Club Induction April and October with free buffet
5. USS Amberjack SS-219 Memorial/Submarine Birthday Services 2<sup>nd</sup> Saturday of April
6. Submarine Birthday Ball April
7. Memorial Day Service, Summerville – May
8. Admiral James B. Osborne Scholarship Awards May
9. USSVI-Charleston Base/FRA Branch 269 Combined Picnic May
10. Veterans Day Ceremony and Tolling the Lost Boats in Summerville November 11
11. Charleston Base Christmas Party
12. Presentation of Submariners' Legacy Award at US Navy Nuclear Power School graduation @ ever 8 weeks through the year
13. Parades: These are the parades we have most often attended
  - a. Grits Festival – St. George
  - b. Homecoming – Summerville
  - c. 4<sup>th</sup> of July – Moncks Corner
  - d. See-Saw Days – Harleyville
  - e. Christmas Parades:
    1. Harleyville
    2. Ridgeville
    3. Summerville

### Subvet News 2016-013

NEWS-01: Information Regarding the 2016 USSVI National Election.

Submitted by: Alfred H Singleman Jr on 6/13/2016

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Shipmates,

This POC contains information related to the 2016 USSVI National Election. Please read it carefully and distribute it to as many members as possible. This will insure that the election will proceed smoothly and there will be no confusion in the process.

The election will begin at 0001 on June 21. It will end at 2359 on August 10. Members may vote either online or by completing the ballot that is published in the current issue of The American Submariner and mailing it to the Election Master. You can also obtain a ballot by going to the USSVI web site ([www.ussvi.org](http://www.ussvi.org)) and download and print a copy (or copies) of the ballot. Members may vote in only one format. If you vote using the printed ballot you may not vote online and vice versa.

Candidate's Statements and descriptions of the PA's are printed in The American Submariner. The Candidate's Statements and descriptions of the PA's are also included in the online ballot. To see them, click on the "view" button by the candidate's name and the title of the PA.

#### Important Reminders

- Members must complete their own ballots and in their own hand. Members may not complete ballots for other members (proxy voting).
- Base Commanders may print and bring blank ballots to Base meetings and members may complete their ballots at the Base meeting. Again, members must complete their own ballots.
- Base Commanders or other members may bring computers to Base meetings and members may vote online at Base meetings. Again, members must vote their own online ballot.

- If paper ballots are completed at Base meetings, the Base Commander may collect and package all the ballots and send them to the Election Master.
- When voting for Regional Director, vote only for the Regional Director for your Region. If you are unsure which Region you or your Base is in, check with your Base Commander, District Commander or the USSVI web site. Votes for Regional Director other than your own will be disregarded.
- MAL's do not vote for Regional Director.
- Associate members do not vote in National Elections. Paper ballots received from Associate members will be disregarded. The online system will not accept Associate members.

#### Procedure for voting

If you are voting by paper ballot Paper ballots are printed in The American Submariner. You may also go to the USSVI website and download and print a copy (or copies) of the ballot. Base Commanders may also print copies of the ballot and distribute them to the Base members. . Mark your ballot for the candidate of your choice and your choices for the PA'S (remember, the ballot is printed on both sides).

After you complete your ballot, please add your name and your Base at the bottom of the ballot in the space provided (we prefer that you print your name) - ballots without name and Base will be disregarded. We do this to "cross check" with the USSVI database to insure that there are no duplicate votes and to verify your Region.

Place your ballot in an envelope and send it to the Election Master at the address below.

The Election Master's address is:  
Tom Conlon, PNC  
USSVI Election Master  
8 Davis Ave.  
Harrison, NJ 07029

When you mail the ballot insure that you mail it early enough so that it reaches the Election Master before August 10. Any ballots received after August 10 will be disregarded.

If you are voting on line Go to the USSVI web site and log in with your user name and password. Then click on the Voting button in the upper left-hand corner. This will take you to the online ballot. Click on your choices for the candidates of your choice and your choices for the PA's. The online voting system "knows" your Region. You will only be able to vote for the Regional Director for your

Region. Then click on "Submit." You may begin voting at 0001 on June 21. Voting will end at 2359 on August 10.

HSN,  
Tom Conlon, PNC  
USSVI Elections Master

### **USSVI Charleston Base Meeting Minutes**

The attendance for the June 2016 meeting was 85.

**Opening Ceremonies:** The meeting was called to order by Base Commander Rick Wise. A quorum was present and the meeting started at 1859. Following the Pledge of Allegiance, the Invocation and the Tolling of the Boats lost in June was given by Base Chaplain Nick Nichols. The USSVI Creed was read by Base Member Rick Sparger. Rick welcomed the members and guests to the meeting.

**Swearing in of Newly Elected Officers:** District Commander Ed Stank swore in newly elected officers Mike Knaub as Vice Commander and Mike Ciesielko as Base Secretary.

**Admiral James B. Osborn Scholarship Awards:** The Base Commander introduced Scholarship Committee Chairman George Scharf. George introduced the other members of the Scholarship Committee, Ricky Collins and Gary Williams. He then presented the scholarships to the recipients. George Scharf presented a \$850 scholarship to Harrison Scott from Pinewood Prep. He will be attending Newberry college and his Sponsor is RMC(SS) Thomas I Scott. The next was a \$650.00 scholarship that went to Patrick Hall from Wayne County Day School. He will be attending Brevard College in NC. His Sponsor is EM1(SS) William Hayes. Last but not least was a \$500.00 scholarship awarded to Alexis McCullough from Goose Creek High School. She will attend the College of Charleston. Her sponsor is RMC(SS) Randy McCullough.

Following the presentations and pictures, Base Commander Rick Wise congratulated the recipients and thanked them and their families and friends for coming and asked the guest to leave so we could continue our meeting. Pictures may be viewed at: <http://www.ussvicb.org/scholarship/2016%20scholarship/Admiral%20Osborn%20Scholarship%20Presentations.pdf>

**Introductions:** The following was new attendees to Charleston Base meetings: STS3(SS) Clyde Miller, Qual Boat: USS Conger SS 477; MM1(SS) Rich Burnett, Qual Boat: USS Abraham Lincoln SSBN 602

**Secretary:** Base Secretary Mike Ciesielko reported that the May meeting minutes had been published in the newsletter and on the base website. Mike asked

the group for a motion to accept the minutes as written. Rick Sparger made a motion to approve the May meeting minutes as published. The motion was seconded by Charles Wood.

**Treasurer:** Base Treasurer Mike Welch gave a report on the Charleston Base finances. The base financial report is now located as a password protected file on the base website under Documents and Resources. The password is the same as needed for the Sailing List.

**Vice Commander:** Had no report

**Chaplain and Webmaster:** Base Chaplain and Webmaster Nick Nichols gave the following report:

**Submarines Lost During the Month of June**  
**USS HERRING (SS-233) June 1, 1944 – 8<sup>th</sup> war patrol LOST WITH ALL HANDS - 83 SOULS**  
**USS R-12 (SS-89) June 12, 1943 – practice torpedo approach near Key West FL LOST WITH 42 SOULS - 21 SURVIVORS**  
**USS GOLET (SS-361) June 14, 1944 – 2<sup>nd</sup> war patrol LOST WITH ALL HANDS - 82 SOULS**  
**USS BONEFISH (SS-223) June 18, 1945 – 8<sup>th</sup> war patrol LOST WITH ALL HANDS - 85 SOULS**  
**USS S-27 (SS-132) June 19, 1942 – grounded off Amchitka Island Alaska NO LOSS OF LIFE**  
**USS O-9 (SS-70) June 20, 1941 – foundered off Isle of Shoals NH LOST WITH ALL HANDS - 33 SOULS**  
**USS RUNNER (SS-275) June 30, 1943 – 3<sup>rd</sup> war patrol LOST WITH ALL HANDS - 78 SOULS**  
**SEVEN Boats and 403 Men Lost**

**June Report**

**Highlighted boat of the month:**

USS Bonefish (SS-223) Lost on June 18, 1945 with the loss of 85 men when sunk near Suzu Misaki. Winner of 3 Navy Unit Citations, Bonefish was on her 8<sup>th</sup> war patrol. After sinking a passenger-cargoman, Bonefish was subjected to a savage depth charge attack.

□ **Rick Wise's** mother, Frances Lorene Owen Wise, passed away on May 18<sup>th</sup> at age 98.

□ **Mike Emerson's** sister-in-law, Peggy Kuhn, passed away on May 17<sup>th</sup>.

□ **Gerry Farr's** sister, **Betty Klinge**, passed away on May 19<sup>th</sup> in NV at age 89. This was his last sibling.

□ **RADM Stanley Catola** departed on Eternal Patrol in NV on May 20<sup>th</sup>. He was CO of Henry L. Stimson GOLD and was Commander Submarine Group SIX. He was a member of USSVI Base 51.

□ **QMCS Jerry Holdridge** departed on Eternal Patrol on May 28<sup>th</sup> at the Veteran's Victory House Walterboro. He was not a member of USSVI.

□ **Lee Allison's** memorial was well attended by the base membership. Sarah Campbell did an excellent

job with the songs, as well as our guest bugle player doing a great job.

□ **CS3/AW Andrew Meadows**, Don's son, is in Stage 5 Kidney Failure. They managed to get a line in his neck, and do some dialysis. He is still very weak, and mostly bed ridden. We are coordinating with the Kidney Foundation for a donor. The only place the military does transplants is Walter Reed. We will have to go there. Hoping the Fisher House can help us out for lodging. I pulled the Chief card and made sure the CMC provide a way for him to get to his dialysis and a way to get items for the diet he is on. Thanks to everyone for your thoughts and well wishes. Miss coming to the meetings. Night shift sucks. Don

□ **Grant Hammett** age 13, Jim Lowman's grandson, has t-cell lymphoma and is undergoing intensive chemo.

□ **Nancy Alkire** had cancer surgery in mid-May. Alkie reports the doctors feel they got all of the cancer. Nancy will have to undergo radiation treatments. She is doing well now.

□ **George Scharf** will be having back surgery on June 16<sup>th</sup>.

□ **Joe Hayes** had back surgery on June 2<sup>nd</sup>. He had a couple of setbacks but he's now at Health South for rehab. He is doing well and expects to be home soon.

□ **Clell Hutchinson** is home on hospice and not doing well but would like to have visitors and short calls. Please call Catherine before visiting.

Follow-ups were made on those who've had surgery or illnesses in the last couple of months along with the base sending additional cards.

**WEBMASTER NOTES:**

□ Website is constantly updated.

□ Make note of emails that look suspicious and do not open any email if it looks strange and you are not expecting it.

□ Make use of the EVENTS page on the Charleston Base website. All events that are put out to the membership via email will be listed and updated on the events page.

**District Commander:** District Commander Ed Stank reported that the National Convention is in Reno Nevada this year. He also mentioned that he will be traveling to the Victory house next Tuesday 21 June 2016

**Membership:** Larry Knutson reported that base membership is now 316 members.

**Kaps for Kids:** Bill Kennedy reported that he is going back to Florence July 12

**Veterans Affairs:** Ken Curtis reported that June 2<sup>nd</sup> a law was signed into effect. If you're under 65 you

can deduct \$17,000 dollars. If you are over 65 you can deduct \$30,000 dollars. Read more at: <http://www.ussvicb.org/va/160611%20H.3147%20State%20Tax%20Exemption.pdf>

**Public Affairs:** Ronnie Kerstetter was not present.

**Storekeeper:** Ron Chambers reported that the BOLO ties are expensive however he has found a place that will charge you only \$10 if you supply a challenge coin to be put in the tie.

**Holland Club:** Bill Freligh was not present

**FRA:** Larry Cox reported that there is a comedy show on July 2<sup>nd</sup> at 8pm

**NPS Awards:** Ray Sparks reported that the next Nuclear power school graduation is June 17<sup>th</sup>.

**Submarine Veterans of World War II:** George Scharf reminded the base that Swamp Fox will have a meeting on Thursday, June 23 at 1100 at Golden Corral in North Charleston. \$12 per person.

**CRAMA:** Butch Bryar was not present.

**Recreation Committee:** Elmer and Al were not present.

**Chief of the Boat:** Ken Hutchison reported that ceremonies uniform is the Charleston Tuxedo. Which is Khaki pants light Blue button down shirt,, Submarine tie and Vest. He also reported that there is a little David working party tomorrow and Saturday.

**Special Events Coordinator:** Pulling the Float on the Fourth of July Parade on 2 July in Monks Corner.

**Old Business:** There was a Bylaw change for Membership - Ken Huchison made a motion to accept the changes as written and Mike Welch seconded. The base passed this on a voice vote.

**New Business:** It was discussed that there was a motion made at the last board of directors meeting. For annual recurring contributions that we give the Ladies Auxiliary VFW. 25 Dollars for Memorial Day and 25 Dollars for Veterans day Fair share contribution as an annual recurring item for food at the receptions. Ken Curtis made a motion that we accept it as written.

Dan Hunt seconded and the Base passed the motion on a voice vote.

There was an amendment to cap this motion at 75 dollars but it failed.

**Good of the Order:**

**The After Battery:** Steve "Buddha" Nelms was not present

**Nuclear Historian:** Well, you and I may not be that great but we have been around for a few events. Do you recall or were you there?

The loss of the USS Thresher, the Vietnam War, the attack on the USS Liberty, the capture of the USS Pueblo, the killing of JFK and then RFK, the USS Chopper deep dive, the loss of the Scorpion,

Landing on the Moon, the first FBM patrol the USS George Washington, Skyjackers, our troops in Somalia without support, our Ambassador and troops in Benghazi, September 11<sup>th</sup> 2001 (Twin Towers), the USS Cole, the USS San Francisco and the Blue Angels and Thunderbirds have a crash on the same day. So when your grandkids ask what did you do in the Navy Grandpa...

Happy Father's Day

After some very exhaustive research, one of my star reporters has come to the conclusion that the New Navy has been changing its course. They don't understand plain old Navy Language:

Me and Willy were lollygagging by the scuttlebutt after being aloft to buoy butter up the antennas and were just perched on a bollard eyeballing a couple of bilge rats and flangeheads using crescent hammers to pack monkeyshit around a fitting on a handybilly. All of a sudden the dicksmith started hard assing one of the deck apes for lifting his pogeey bait. The pecker checker was a sewer pipe sailor and the deck ape was a gator. Maybe being a blackshoes on a bird farm surrounded by a gaggle of cans didn't set right with either of those gobs.

The deck ape ran through the nearest hatch and dogged it tight because he knew the penis machinist was going to lay below, catch him between decks and punch him in the snot locker.

He'd probably wind up on the binnacle list but Doc would find a way to gundeck the paper or give it the deep six to keep himself above board.

We heard the skivvy waver announce over the bitch box that the bread burners had SOS ready on the mess decks so we cut and run to avoid the crowd when the twidgets and cannon cockers knew chow was on. With a big mug of bug juice, it sure beats the hell out of brown bagging.

Soon we passed the sea buoy and were balls to the wall for the barn. Everyone was preparing to hit the beach as soon as we doubled up and threw the brow over.

I had a ditty bag full of fufu juice that I was gonna spread on thick after a Hollywood in the rain locker for the bar hogs with those sweet bosnias. Might even hit the Acey-Duecey club and try to hook up with a West Pac Widow. They were always leaving snail trails on the dance floor on amateur night.

The depth charge was won by Jimmy Legg. He donated \$100 to the Scholarship Fund.

The FRA red ticket was won by Mike LeCompte.

**Meeting Adjourned:** Following the benediction by Base Chaplain Nick Nichols, the Base Commander adjourned the meeting at 2026.

## Charleston Base Honors WWII Submarine Veteran Lee Allison

Charleston Base Life Member and WWII Submarine Veteran Lewis "Lee" Allison died on April 15, 2016 in Punta Gorda, FL. Charleston Base was able to arrange a memorial service that was held at FRA Branch 269 on May 20. The service was attended by more than 40 members of Charleston Base.



Lee Allison



WWII SubVet Walt Curtis WWII Vets and SubVets Stacy Power and Bill Weaver and WWII SubVet Willie Jones



Taps

## 2016 Admiral Osborn Scholarship Presentations given in Memory of MMCS(SS) James Yates who departed on Eternal Patrol February 6, 2016

These awards were presented by the Scholarship Committee: George Scharf, Ricky Collins, Gary Williams, Ed Stank (ES2 District Commander)



**Congratulations and Bravo Zulu to the following recipients: (Pictures on the following pages)**

**Harrison Scott** (\$850) from Pinewood Prep and will attend Newbery College. Sponsor RMC(SS) Thomas I Scott

**Patrick Hall** (\$650) from Wayne County Day School and will attend Brevard College in NC. Sponsor EM1(SS) William Hayes

**Alexis McCullough** (\$500) from  
Goose Creek HS  
and will attend College of Charleston.  
Sponsor RMC(SS) Randy McCullough

**Harrison Scott** (\$850) from Pinewood Prep  
and will attend Newbery College.  
Sponsor RMC(SS) Thomas I Scott



**Patrick Hall** (\$650) from Wayne County Day  
School and will attend Brevard College. Sponsor  
EM1(SS) William Hayes



**Alexis McCullough** (\$500) from Goose Creek HS and will attend College of Charleston.  
Sponsor RMC(SS) Randy McCullough



## Charleston Base Presents Submariners' Legacy Award to US Naval Nuclear Power School Class 1602

The Submariners' Legacy Awards for Class 1602 went to LTJG Christopher House and MMN3 Christopher Six.



## The U.S. Navy's New Lethal Torpedo Is Almost Ready for War

Dave Majumdar, The National Interest, May 31

The U.S. Navy and Lockheed Martin are restarting production of the latest version of the Mk-48 heavyweight torpedo. The new Mod 7 version- which is being upgraded under the Common Broadband Advanced Sonar System (CBASS) program-will help the Navy's attack boats take on the threat from advanced Russian and Chinese-built ships and submarines.

"The latest guidance and control technologies for Mk-48 torpedo are thanks in part to Lockheed Martin's \$10 million investment in manufacturing efficiencies, facilities, and laboratories to ensure navies can pace the threats in littoral and deep sea environments," said Tom Jarbeau, Lockheed Martin Mk-48 program director. "We are building on our five decades of experience in undersea systems and our strong record of providing complex electronic systems to our customers on schedule and on budget."

Lockheed Martin developed the new version of the Mk-48 under a five-year \$425 million contract that was

awarded in 2011. While the Mod 7 upgrade will be applied to new torpedoes, it can also be used to upgrade older weapons to the new standard. Under the terms of the contract, Lockheed Martin will deliver 20 Mod 7 CBASS kits to the Navy per month. The company expects that it could sell as many as 250 torpedoes to the Navy over the next five years.

Compared to older versions of the venerable Mk-48, the new modular Mod 7 variant increases sonar bandwidth. It can transmit and receive pings over a wider frequency band and it takes advantage of broadband signal processing techniques to greatly improve the weapon's search, acquisition and attack effectiveness. The new weapon is also much more resistant to advanced enemy counter-measures. Perhaps most significantly, the Mod 7 uses modern open-architecture computers, which means it will be easier to integrate new hardware and software upgrades.

The new upgrades will keep the venerable 21-inch diameter, 3500lbs weapon—which incorporates a 650lbs warhead—relevant well into the future. The original version of the weapon was designed during the 1960s and entered service in 1971 with the U.S. Navy. Over the years the Mk-48 has been upgraded many times and remains the principal anti-ship and anti-submarine weapon onboard American submarines—and indeed many allied navies. Versions of the Mk-48 are in service with the Canadian, Australian, Dutch and Brazilian fleets.

The Mk-48 will remain the U.S. submarine fleet's primary weapon for the foreseeable future.

## Life On A Submarine: 'You Either Love It Or Hate It'

Staff, Toronto Star, June 6

**ONBOARD HMCS WINDSOR**—On the surface, the submarine seems restless, out of its natural domain. It rolls in the waves, its black mass seeming vulnerable.

Eyes glued to the periscope, Lt.-Cmdr. Peter Chu gives a sweep of the view outside and then gives the order. "Diving now, diving now."

Vents are opened, water floods ballast tanks and the sub settles below the waves. A gauge ticks off the depth – 10, 20, 30, 50 metres. Down here, the ride becomes silky smooth. A hush seems to take over the boat.

"Normally we like to be dived ... where we feel more comfortable in our natural environment," Chu said.

The Toronto Star recently joined the crew of HMCS Windsor for 24 hours as it sailed submerged in the Atlantic Ocean off the Nova Scotia coast. It gave a window into the life of Canada's submariners and the work of the complex machines they operate.

The control room is the crowded hub where crew members navigate the diesel-electric sub, steer it through the water, work the sonar and operate the weapons stations. Overseeing it all is Chu, the 42-year-old commander. "It's the reason I joined the military, to be a submarine captain," he said.

But it's not a life for everyone. There's a reason submariners get paid more than sailors serving on surface ships, which they jokingly deride as "skimmers" and "hotels."

Subs are all utility. There's no laundry, no email access, no Internet, no satellite television and precious little space.

The 48 crew members quickly get used to squeezing past each other in cramped wardrooms, narrow passageways and the small sleeping quarters, where bunks are stacked three high. Visitors sleep in the weapons bay, sharing space with the torpedoes.

"Life on a submarine . . . it's definitely an acquired taste. Once we go deep, there's very little contact with the outside world," said navy Lt. Devin Matthews, the boat's executive officer.

"Me, I find that a bit of a blessing ... Without that outside interference, it lets you focus on the mission," he said.

The hardships are eased by the efforts of chief chef Tony Cooper and his two assistants who serve up morale-boosting meals from a cramped galley about the size of a small walk-in closet. "There's no shortage of eating. That's all you got down here," Cooper says.

Black-hulled submarines, the ocean's silent stalkers, are menacing by their look, their history and their role, from the Nazi U-boats that hunted Allied convoys to the nuclear ballistic missile subs that today remain hidden in the ocean depths.

Canada's current subs — purchased second-hand between 2000 and 2004 from the British navy, which had mothballed the boats — suffered a tough first decade, raising questions whether Ottawa had been sold a bill of goods.

Concerns over the state of the fleet were driven home in October 2004, when HMCS Chicoutimi suffered a fire during its maiden voyage to Canada, killing navy Lt. Chris Saunders.

Other problems over the years — fires, floods, a seafloor collision and, more recently, faulty welds — have kept subs in dock and out of service. Today, only HMCS Windsor is at sea. The three other subs — Corner Brook, Chicoutimi and Victoria — are in various stages of maintenance work.

HMCS Windsor packs a wallop with its load of up to 18 Mark 48 torpedoes — each with almost 300 kg of explosives — that can speed towards a target at more than 50 km/h and break the back of a ship with their devastating blast.

Yet those on Windsor insist that subs are a vital part of Canada's maritime defense. Chu, for example, says the mere possibility that a sub might be operating unseen in an area of ocean has a huge deterrent effect. And he said the subs excel at intelligence gathering, thanks in large part to their stealth capabilities.

George Smith, petty officer, 2nd class, leads the team of sonar operators who are the ears — and eyes — of the submarine, especially when it's cruising submerged.

HMCS Windsor was the first of the fleet to be equipped with a sophisticated sonar of the same type used by the U.S. Virginia-class nuclear submarines.

Ocean noise — ships, dolphins, whales and persistent crackling of shrimp — appear on the sonar displays. Still, as with the movie *Hunt for Red October*, it comes down to the ability of the operator to read the sensors and pick out the telltale noises that betray a ship's location and identity.

"You can hear whether or not they have serviced their equipment, whether their engines are bad, whether their engines

have bad bearings ... how many propeller blades are on the shaft, how fast the shaft is turning," Smith said.

Smith has heard the cries of dolphins as they ride in the sub's bow wave. "I could hear the joy in their voices," he said.

HMCS Windsor packs a wallop with its load of up to 18 Mark 48 torpedoes — each with almost 300 kg of explosives — that can speed towards a target at more than 50 km/h and break the back of a ship with their devastating blast.

Chu was the combat officer onboard HMCS Victoria when it fired a live torpedo at a decommissioned U.S. ship during a 2012 Pacific exercise. "The bang when it exploded was like nothing like I experienced." Chu said.

So, too, were the tortured sounds as the crippled ship turned up on its bow and sank. "It really brought home the significance of what we do," the commander said.

The crew wear the coveted dolphins on the uniforms, the mark of a submariner and a testament they have passed the training demanded of those who live below the waves, much of it devoted to emergency drills.

"It's a lot of stuff to remember ... Once you get dolphins, there's a lot of respect," said Leading Seaman Robert Boutette, of Windsor, Ont.

The crew are relaxed in their duties. But reminders of the dangers are all around. Air masks connected to an emergency air supply hang ready to be grabbed in the event of fire. Hoses and firefighting gear are stowed along the passageways. Receptacles for oxygen-generating candles are found throughout the sub.

"If you understand the boat, you don't worry," said Petty Officer Nick Dubasouf as he tended the machinery control console, the complex board that oversees the sub's propulsion.

Back in the galley, Cooper is in the middle of the lunch rush, pushing out orders of pork stir fry and stuffed peppers.

"They refer to us as a special breed to come down here and do it," he said of submariners. "You either love it or hate it. And the guys here all love it."

**This is an abbreviated Newsletter put out by the Base Commander because the Newsletter Editor position is vacant.**



**Swamp Fox Utilities, LLC**

**Tim Curtis**

**Senior Estimator**

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**St. Stephen SC 29479**

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EDWOSB/EDVOSB/DAVOSB  
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MC SQUARED Cables, LLC is an Economically Disadvantaged Woman/Veteran/Minority and Disabled Veteran-owned small business. We provide our customers with reliable cables that are physically and electrically appropriate for their applications, and conformant to the most demanding industrial requirements and military specifications. See [Flyer](#) for more information



**2016 INAUGURAL  
U.S SUBMARINE  
VETERANS CAR  
SHOW**

**ALL PROCEEDS GO TO THE US SUBMARINE VETERANS  
CHARLESTON BASE SCHOLARSHIP PROGRAM**

**OPEN AUTO SHOW**

**October 1<sup>st</sup>, 2016**

**Kimbrell's Parking Lot**

**208 Saint James Ave | Goose Creek, SC**

Free to Spectators

Unique Trophies

50/50 Drawing

Food/Drinks

Door Prizes

Bake Sale

Much More!!!

Registration: Starts at 9:00AM

Registration: \$20/\$25 day of show

Participate Judging: 9:00AM-12:00PM

Trophies: Starts at 2:00PM



**PRE-REGISTRATION**

You may pay online at [USSVICB.ORG](http://USSVICB.ORG) and mail you application to the below listed address.

Or by Mail:

United States Submarine Veterans, Inc.

Charleston Base

C/o George Scharf

2141 Elm Village Dr.

Summerville, SC 29486

Name: \_\_\_\_\_ Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Year: \_\_\_\_\_ Make: \_\_\_\_\_ Model: \_\_\_\_\_ Desired Class: \_\_\_\_\_

**Liability:** By registering, you agree to indemnify and hold harmless the members of the United States Submarine Veterans, Inc. Charleston Base, sponsors, participants, committees, and anyone else connected with this event from any and all known and unknown damages and/or injury to property or persons while participating in this event.

Total Enclosed: \_\_\_\_\_ Signature or Applicant: \_\_\_\_\_

Multiple Classes: Open 1900-1954 Open 1965-1963 Open 1974-1984 Open 1985-Present Air Cooled (VW, Corvair, etc.) Camaro/Firebird 1967-1981 Camaro/Firebird 1982-Present Corvette 1953-1967 Corvette 1968-1996 Corvette 1997-Present Imports-All Mopar-All Motorcycle -All Mustang 1964-1978 Mustang 1979-Present Street rods/Rat Rods Sport Truck-Other LMC

This flyer is available at [www.ussvicb.org](http://www.ussvicb.org)