

TORPEDO ALLEY



Vol. 13 No. 11

November 2017

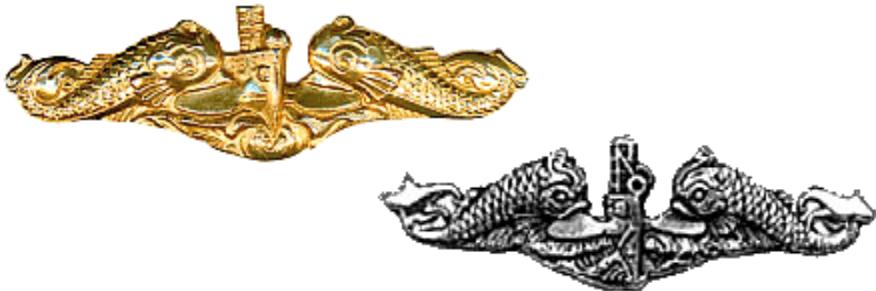
Newsletter of Charleston Base, United States Submarine Veterans, Inc.

Base Meeting:

BOD: October 2 1800
Membership: October 9 1900

Location:

FRA Branch 269
Low Country Home
99 Wisteria Rd.
Goose Creek, SC



Base Commander	Ralph Rohrssen	843.670.2135	Chief of the Boat	Joe Lunn	843.747.5368
Base Vice Commander	Mike Knaub	843.795.6665	Veterans Affairs	Ken Curtis	843.797.1268
Secretary	Mike Ciesielko	843.324.0011	Membership	Larry Knutson	843.860.1155
Treasurer	Gordon Williams	843.553.3015	Scholarship	George Scharf	843.873.3318
			Storekeeper	Ron Chambers	843.821.2268
			Historian	George Scharf	843.873.3318
			Public Affairs	Rick Wise	843.875.5559 (H) 843.276.0899 (C)
			Chaplain	Nick Nichols	843.452.3189
			Holland Club	Bill Freiligh	843.553.1115
			Newsletter	Rick Wise	843.875.5559 (H) 843.276.0899 (C)
			Webmaster	Nick Nichols	843.452.3189
			Kaps for Kids	Bill Kennedy	843.875.3109



Submarines Lose During the Month of November

USS ALBACORE (SS-218)	November 7, 1944 – 11 th War Patrol	Lost with all hands – 85 souls
USS GROWLER (SS-215)	November 8, 1944 – 12 th War Patrol	Lost with all hands – 86 souls
USS SCAMP (SS-277)	November 16, 1944 – 8 th War Patrol	Lost with all hands – 83 souls
USS CORVINA (SS-226)	November 16, 1943 – 1 st War patrol	Lost with all hands – 82 souls
USS SCULPIN (SS-191)	November 19, 1943 – 9 th War Patrol	Lost with 43 souls – 41 became POWs – 21 survived the war

Five Boats and 399 Men Lost

Table of Contents

From the Editor	2
From USSVI National, Regional and District	3
Charleston Base November Meeting Minutes	8
NNPS Class 1705 Graduation	10
Tolling the Lost Boats	11
Undersea Warfare News	11
Advertisements	16

Upcoming Charleston Base Events

Harleyville Christmas Parade	Thursday, Nov 30	1700	Lineup Harleyville US-178
Charleston Base Christmas Party	Saturday, Dec 2	1800	FRA Branch 269, Goose Creek
Elloree Christmas Parade	Saturday, Dec 9	1730	Lineup Snider Street
Summerville Christmas Parade	Sunday, Dec 10	1000	Lineup W 4th N St.
Victory House Visit	Tuesday, Dec 12	1000	VFW Ladson to carpool

Information on all these events are on the base website www.ussvicb.org/events/index.html

FROM THE BASE COMMANDER

I would like to wish the Base a Happy Thanksgiving to all. This is the time of year to be thankful for all that we have and the friendship of our fellow Submariner's.

From the Editor

I have held up on sending this out until after Thanksgiving to see if there is an outcome on the fate of ARA San Juan. As of the morning of November 22 there was a report that the sub had been located about 250' down.

I wanted to send this out in time to wish everyone a Happy Thanksgiving but that was overcome by events.

Hope to see you at the Christmas Party or the parades.

From USSVI National

Normal message traffic from USSVI will be published each month in the newsletter. If the message is of immediate interest to the membership it will be sent out by the Base Secretary. Messages are arranged in the order received

SubVet News - #2017-063

Submitted by: William C. Andrea on 11/14/2017

Shipmates,

The electronic version of the latest issue of the "American Submariner" magazine is now available through the USSVI.org website.

Log onto the the USSVI.org website and get to the 'Home Page'.

On the 'Home Page' click on the second bright blue button along the left edge near the middle of the page to bring up the 'American Submariner' web page.

On the 'American Submariner' web page click on the top red button on the left edge of the page to bring up the current (new) issue of the magazine.

To make it easier to work with the magazine is broken into two sections and near the top of the current issue web page, in the center of the page there are links to each of the two sections.

Clicking on either of these two links will open a new browser tab to display the Adobe (.pdf) version of that half of the magazine.

You can also bring up any back issue (back through 2005) of the "American Submariner" for review by using the buttons along the left edge of the 'American Submariner' web page.

If you are still getting a hard copy the "American Submariner" magazine through the mail and are willing to forego it to see the electronic version of the magazine only, thus saving our organization the postage fee, please send an email to ASOptOut@ussvi.org requesting the change.

SubVet News - #2017-064

: ARGENTINIAN SUBMARINE MISSING

Submitted by: John E. Markiewicz on 11/17/2017

Tonight our thoughts and prayers are with the people of Argentina and the families of the missing Submarine and its 44 crew members.

Submarine missing: the Navy confirms that the contact was lost 2 days ago, but still does not speak of emergency According to the force, there was "a communication failure".

A large operation seeks to locate the "ARA San Juan", which carried out surveillance exercises in the exclusive economic zone around Puerto Madryn. There are 44 crew members, according to the official part of the Navy . Among them, the first submariner of the country .

From District Commander:

Base Commanders & POCs: This is not USSVI Traffic but does effect all Retirees & DAVs. Please review and forward to your members that could be affected by this legislation.

Wayne E. Phillips TM2(SS)
USSVI ESR D2 Commander
USSVI Denizens of the Deep Vice Commander
460 Williston Rd
Beech Island, SC 29842
803-257-6048 (M)
803-302-8877 (H)
waynephillips.ESR2DC@yahoo.com
dtd_vicecommander@yahoo.com

Subject: Action Alert: Congress Wants To Increase TRICARE Fees

Background: The U.S. House and Senate are in the process of finalizing the National Defense Authorization Act for Fiscal Year 2018 and we need your help to defeat a dangerous proposal that would increase TRICARE costs for military retirees. This proposal would result in higher TRICARE fees for retirees, including pharmacy copayments, which are already three times higher than they were in 2011; and enrollment costs for certain plans, such as the new “Select” plan, would nearly triple. You’re getting this message because your Representative or one of your Senators has been selected to serve on the conference committee that will decide whether to increase TRICARE Costs for current retirees.

Take Action: Contact your members of Congress and demand that they reject any proposal that would result in TRICARE fee increases for current beneficiaries; and let them know that veterans have paid for their benefits through blood, sweat, and tears many times over.

THE WHITE HOUSE
Office of the Press Secretary

FOR IMMEDIATE RELEASE

November 1, 2017

NATIONAL VETERANS AND MILITARY FAMILIES MONTH, 2017

- - - - -

BY THE PRESIDENT OF THE UNITED STATES OF AMERICA

A PROCLAMATION

During National Veterans and Military Families Month, we honor the significant contributions made by American service members, their families, and their loved ones. We set aside this month surrounding Veterans Day to hold observances around the country to honor and thank those whose service and sacrifice represent the very best of America. We renew our Nation's commitment to support veterans and military families. They deserve it.

Our veterans are our heroes. Our Armed Forces have preserved the security and freedom that allow us to flourish as a Nation. They have braved bitter winters, treacherous jungles, barren deserts, and stormy waters to defend our Nation. They have left their families to face danger and uncertainty, and they have endured the wounds of war, all to

protect our Nation's interests and ideals established during the Founding.

Our military families endure many hardships along with those who defend our Nation. They are separated from their loved ones for months on end and frequently relocated across the country and around the world. They often live far from their extended families, and they know what it is like to celebrate holidays and milestones with an empty seat at the table. Many military spouses face the task of making ends meet while their loved ones are away and of securing new employment with each change in duty station. Children of service members often grow up living a nomadic life -- periodically calling a new place "home" and adjusting to different schools, trying out for new sports teams, and making new friends. In these lives of frequent change and transition, however, our incredible military families not only survive, they thrive.

It is our patriotic duty to honor veterans and military families. As part of our efforts to answer President Lincoln's charge to care for those who have "borne the battle," I have asked the Department of Veterans Affairs (VA) to lead the Nation in a month of observances across the country to honor our veterans.

As veterans and military families attend these events, they will see the reforms and improvements that we have made at the VA. Over the last 9 months, we have made important changes that enable better service for our veterans. We have increased accountability and enhanced protections for whistleblowers. We have improved transparency, customer service, and continuity of care. We are working every day to ensure a future of high quality care and timely access to the benefits veterans have earned through their devoted service to a grateful Nation.

This month, in which Americans traditionally pause to give thanks for our blessings, it is fitting that we come together to honor with gratitude our extraordinary veterans and military families and their service to our country. May God continue to bless our Armed Forces and those families that love and support them.

NOW, THEREFORE, I, DONALD J. TRUMP, President of the United States of America, by virtue of the authority vested in me by the Constitution and the laws of the United States, do hereby proclaim November 2017 as National Veterans and Military Families Month. I encourage all communities, all sectors of society, and all Americans to acknowledge and honor the service, sacrifices, and contributions of veterans and military families for what they have done and for what they do every day to support our great Nation.

IN WITNESS WHEREOF, I have hereunto set my hand this first day of November, in the year of our Lord two thousand seventeen, and of the Independence of the United States of America the two hundred and forty-second.

DONALD J. TRUMP

SARASOTA, Fla. - As Veterans Day approaches, Eternal Reefs, Inc., a Sarasota-based 501c3 memorial organization, in partnership with Reef Innovations and The Reef Ball Foundation, announces plans to create the "On Eternal Patrol Memorial Reef." The new underwater reef will be a collection of 67 reef balls representing the first ever undersea memorial to honor the crews of all 66 U.S. manned submarines that never returned and remain On Eternal Patrol and one reef ball representing the crews and boats lost in non-sinking accidents. The On Eternal Patrol Memorial Reef will be dedicated in Sarasota, Fla. on Memorial Day 2018, almost 50 years to the day after the U.S. nuclear submarine USS Scorpion was lost with all 99 officers and crew on 22 May 1968.

"We can think of no more fitting memorial to these veterans who lost their lives serving our country beneath the waves and it's particularly impactful that we will make the dedication at the 50th anniversary of the loss of those 99 lives that were aboard the USS Scorpion," said George Frankel, Eternal Reefs CEO. "These submarines and their crews will continue to serve and protect our marine environment for the benefit of future generations."

Since the USS H.L. Hunley proved the potential of submarines in warfare, there have been 66 American manned submarines (representing more than 4,000 lost lives) missing at sea and never recovered. These submarines, crew members, and other officers and crew lost in non-sinking accidents, remain On Eternal Patrol. Many of these boats and crew members have never been recognized for their service and sacrifice.

Eternal Reefs has designed the first underwater memorial recognizing the work and sacrifice of submariners, "The Silent Service," made in protecting the United States. View a video of the On Eternal Patrol Memorial Reef project, including a full listing of all submarines with their date of loss, on YouTube.

On Memorial Day, 28 May 2018, the Sarasota-based non-profit will unveil 67 Eternal Reef balls with plaques identifying each of the submarines still On Eternal Patrol and one additional Eternal Reef ball to represent submariners lost in non-sinking accidents.

A reef ball is a designed artificial reef, specifically engineered to mimic Mother Nature; when deployed to the ocean floor, the reef ball quickly assimilates into the ocean environment and begins to replenish the diminishing natural coral reefs. New marine growth begins in as little as three months. More than 700,000 reef balls have been placed in 70+ countries and, since 1998 nearly 2,000 Eternal Reefs have been placed in 25 permitted sites off the U.S. coastline. An Eternal Reef is a reef ball that incorporates a person's cremated remains giving family and friends a permanent underwater memorial for their loved one.

The 67 Eternal Reefs in the On Eternal Patrol project will contain no cremated remains, only a bronze plaque on each, recognizing the lost veterans and their boats.

An honor guard will present flags next Memorial Day to representatives for the lost submariners and for many of the lost submariners this will be the first time they've been recognized collectively for their contribution and sacrifice. Find a complete list of the 66 boats On Eternal Patrol and the boats lost in non-sinking events at <http://www.OnEternalPatrol.com>.

"The idea of an underwater memorial for all the boats and submariners still On Eternal Patrol is perfect because that's where they are," said Al Smith, a submarine veteran who survived the 11 August 1949 sinking of the USS Cochino (SS-345).

Shortly after Memorial Day 2018, the 67 reef balls will be deployed to the ocean off the coastline of Sarasota in a permitted artificial reef site, creating the On Eternal Patrol Memorial Reef, the world's only undersea memorial to submarines and their crews who remain On Eternal Patrol.

Eternal Reefs is accepting outside funding to support the On Eternal Patrol Memorial Reef. Interested parties should call 888-423-7333 or email info (at) EternalReefs (dot) com.

About Eternal Reefs :

The Genesis Reef Project dba Eternal Reefs, Inc. is a Sarasota-based non-profit organization that provides a creative, environmentally-enhancing way to memorialize the cremated remains of a loved one. Eternal Reefs incorporates cremated remains into a proprietary concrete mixture used to cast artificial reef formations which are then dedicated as permanent memorials which bolster natural coastal reef formations. Eternal Reefs pioneered the concept of reef memorialization and, since 1998, the organization has placed nearly 2,000 Memorial Reefs in 25 locations off the coasts of Florida (North Atlantic, South Atlantic, Gulf Coast and Panhandle), Maryland, New Jersey, North Carolina, South Carolina, Texas and Virginia, substantially increasing the ocean's diminishing reef systems. Memorial reefs can only go in properly permitted locations by the U.S. Government. Eternal Reefs has strategic partnerships with the Reef Ball Foundation and Reef Innovations.

George Mahieu
Commander
USSVI Kings Bay Base

Subject: ID Cards

Recent incidents regarding the photocopying of military identification cards and common access cards (CAC), by commercial establishments to verify military affiliation or provide government rates for service, have been reported. Personnel are reminded that the photocopying of US Government Identification is a violation of Title 18 (Crimes and Criminal Procedure), US Code Part I (Crimes), Chapter 33 (Emblems, Insignia, And Names), Section 701 (Official badges, identification cards, other insignia) and punishable by both fine and/or imprisonment.

"Whoever manufactures, sells, or possesses any badge, identification card, or other insignia, of the design prescribed by the head of any department or agency of the United States for use by any officer or employee thereof, or any colorable imitation thereof, or photographs, prints, or in any other manner makes or executes any engraving, photograph,

print, or impression in the likeness of any such badge, identification card, or other insignia, or any colorable imitation thereof, except as authorized under regulations made pursuant to law, shall be fined under this title or imprisoned not more than six months, or both."

Many military members, family members and DoD employees are unaware of this law. Please pass this information along to your fellow retirees and veterans. Criminal elements and terrorist organizations place U.S. government identifications as a high value logistical element when planning acts against the U.S. military.

Although commercial establishments are not prohibited from asking for military/government identification, many government personnel and commercial establishments are unaware of the prohibition on duplication of government identification. Unfortunately, there are no safeguards in place to ensure a government identification card won't be counterfeited or "cloned" based on a photocopy by a commercial establishment. It is recommended that military/DoD personnel provide a state driver's license or other form of photo identification to be photocopied if an establishment insists on a photocopy of the traveler's identification.

*NOTE: This does not apply to medical establishments (i.e. doctor's office, hospitals, etc...) who are allowed take a copy for the purpose of filing insurance claims; and other government agencies performing official government business.

[Source: Shift Colors | Fall-Winter 2017 ++]

Subject: Thanksgiving Greetings

Commanders:

Please share with your membership.

All:

I would like to take this opportunity to wish all of you and your families a Happy Thanksgiving. If you travel, please be careful. If you have family coming to you, we hope for safe travel for them as well. Please take a moment on Thanksgiving to remember those that are deployed. I am sure many of you, if not all, remember being deployed for this holiday. Submarines may feed well but there is no substitute for being home with your family.

Steve Bell
SERD

SubVet News - #2017-065
: HAPPY THANKSGIVING
Submitted by: John E. Markiewicz on 11/22/2017

On this eve of Thanksgiving, as I ponder all the things for which I have to be thankful, I am most mindful of my Naval career and the time that I spent on Submarines. I am especially thankful for the great crews I served with and for the many friends and acquaintances I have made as a direct result of my submarine service.

On Thanksgiving this year let us be mindful of all those still out there riding the boats who can not be home with their families at this time and let us say a prayer for the safe return of all who serve in peril beneath the sea.

JOHN MARKIEWICZ
USSVI NATIONAL COMMANDER

USSVI Charleston Base Meeting Minutes

9 November 2017

The attendance for the November 2017 meeting was 71 members.

Opening Ceremonies: The meeting was called to order by Base Commander Ralph Rhorssen. A quorum was present and the meeting started at 1900. Following the Pledge of Allegiance, the Invocation and the Tolling of the Boats lost in November was given by Base Chaplain Nick Nichols. The USSVI Creed was read by Base Secretary Mike Ciesielko. Ralph welcomed the members and guests to the meeting.

Introductions: The following introduced themselves at the meeting: CSSN (SS) David Allport, Qual Boat: USS Guardfish SSN 612. RM2 (SS) Lee Tucker, Qual Boat: USS Tigrone SSR 419. ETR3 (SS) Marlin Wagner, Qual Boat: USS Trumpetfish SS 425. CS-C (SS) Garry L Wackerhagen, Qual Boat: USS Trumpetfish SS 425. QM3 (SS) Bob Claudy Jr, Qual Boat: USS Trumpetfish SS 425. ICFN (SS) John H Broman, Qual Boat: USS Trumpetfish SS 425. STS2 (SS) Jerry Topil, Qual Boat: USS Trumpetfish SS 425. MMFN (SS) Jim Stephenson, Qual Boat: USS Trumpetfish SS 425. ETN2 (SS) James Butler, Qual Boat: USS Trumpetfish SS 425. EM3 (SS) Gary White, Qual Boat: USS Trumpetfish SS 425. EN3 (SS) Dan Brady, Qual Boat: USS Trumpetfish SS 425. END3 (SS) Nick Buccini, Qual Boat: USS Ray SS 271.

Chief of the Boat: Joe Lunn reported the Christmas Party will be 2 December. Tickets will be \$10.00 each. There will be an indoor picnic at the FRA on Nov 12th. The possibility of an Oyster roast will be discussed in January.

Secretary: Base Secretary Mike Ciesielko reported that the October 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 meeting minutes as published. The motion was seconded by Ken Curtis.

Treasurer: Base Treasurer Gordon Williams gave his 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.

Chaplain:

October Report

Highlighted boat of the month:

USS CORVINA SS-226 Lost on Nov 16, 1943 with the loss of 82 men when she was sunk just south of Truk. After topping off with fuel at Johnston Island, she left and was never heard from again. Corvina was on her 1st war patrol and appears she was lost to the torpedoes of a Japanese submarine.

- **Carl Rohrssen**, Ralph's brother, passed on Friday, October 3rd. He has been cremated and no obituary was posted. He died as a result of terminal throat cancer and after diagnosis he only lived another 9 months. He had a short tour in the ARMY and had been stationed in South Korea.
- **Robert Gay** was admitted to SMC last Wednesday with acute pancreatitis and severe pain. They found he had an inflamed pancreas but after several tests still no determination on what caused it. Bob is now home, still tired but on the mend. He has an appointment w/ his doctor in 3 weeks.
- **Darlene Graham, James Graham's wife**, was taken to East Cooper Hospital early Monday morning. She is in the PCU and has been diagnosed with pneumonia in all 3 lobes of her right lung. This is a very serious condition.
- **Jerry Farr** was in Wake Forest Baptist Medical Center, Winston-Salem NC. He fell in the shower when at his son's for a wedding. Had some bleeding around the brain but no stroke. Spent time in ICU and had a few other problems. His daughter, Mary, informed me Jerry was released and is at home. He has to use a walker till he gets his feet back under him and has a lot of follow up Dr. visits. All is back right with our little corner of the world! Please thank all of the Subvets for me for their prayers and good wishes for Dad, and for me as well. Please continue to lift him up as he continues to recuperate. I know he looks forward to being back with the rest of the gang soon!

Ernie Barwick is home after rehab for his fall in early October. He fell at home and received several bruises and scrapes. He hit hard on the back of his head and neck. There was some blood on the brain, minor memory & conversation problems but he's now recovered from that. He is now on lots of different medications for these problems.

- **Sheila Gibson** had a hip replacement on October 23rd. Came through with flying colors. Only took an hour and a half and she went home on the 25th.
- **Kwock Kam** had what was thought to be a stroke in mid-October. After several tests were done he was released. He told me they don't know what caused him to have the problems...it was not a stroke.

Howard Anderson's wife, Chrystle, passed away on Sunday morning. Her memorial service was at Parks FH Sum-

merville on Friday at 1400.

Tom Yingling's oldest son, Chris, was murdered in Eugene, OR on October 19th. There are not a lot of details at this point. Tom has not renewed his USSVI membership.

- **Rick Jones**, a non-USSVI submariner, passed away on Oct. 25th. His Memorial Service is on Friday at 11:59am at Coosaw Creek Country Club. I put out the info on email and also placed a condolence message on the FH webpage.

Last month we talked about Dick Koehler's success with the new drug Keytruda. This month Hugh Andrews asked if I would report his success with a new cancer drug. His email said:

- o I was diagnosed in May of 2014 with stage 4 CLL a form of Leukemia. I had 4 Chemo sessions which brought it under control. It stayed in remission until January 2016 when I got pneumonia and was hospitalized for 8 days. Back to stage 4. At this time it was supposed to be back to Chemo but my Doctor heard of a medicine called Imbruvica. I now take 3 pills a day and my bloodwork has gotten so good I only see my Oncologist once every 3 months. CLL is an incurable form of Cancer but as you see it's manageable. In my opinion this is a miracle drug and I hope that more miracle drugs come along to help more people with Cancer.

There are several others with health concerns that asked I not make their issues public.

As a result of the email I sent out concerning Page 2s, I have received 6 from the membership. Of those 3 were updating a form that was already on file. I hope you've printed the letter telling your family to contact the base leadership if you pass away.

If you have a change of mailing address, phone number, email address please let the base leadership know about it. We need to make sure all of our records are updated so we can make contact with you if we need to.

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.
- It is time for renewal for the website and newsletter ads. Send your check to the Treasurer and he will let me know when it's received so that the ad will continue running. Remember that all of the ad proceeds go directly to the mailing of the newsletter to those base members without email.

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.

Membership: Larry reported that we currently have 303 Members. Dues are due.

District Commander: The new District Commander is Wayne Sandifer.

Rec Committee: Ed Stank gave us the details of the Christmas Party on 2 December.

Kaps for Kids: Bill Kennedy reported that the rocking horse built by Mike Emerson Kaps for Kids was delivered in Florence. Kaps For Kids saw 80 Children this year.

Veterans Affairs: Ken Curtis reported that November is now Veterans and their Families Month. He read a Proclamation by President Donald Trump Proclaiming such. Aloha shirts still on sale for \$75.00 each.

FRA: Larry Cox announced that the 10th of November is the Birthday of the United States Marine Corps. November 11th Charleston will have their parade at 2:30 and the FRA float will be there. November 12th The FRA will have an indoor picnic that starts at noon.

Submarine Veterans of World War II: Walt was the only one in attendance. Next Luncheon is in February.

Scholarship: Scholarships are due 16th of April 2018

NPS Awards: Ray Sparks informed us that the next graduation is January 19th.

CRAMA: No Report

Public Affairs: Rick Wise announced that the Tolling of the Boats will be at the Coffee Roasters 2PM Friday 10 Novem-

ber.

Storekeeper: Ron Chambers has Submarine calendars \$10.00 each.

Special Events: Rick discussed pulling the Float in the Harleyville and Elloree Parades.

Base Commander: Ralph Rhorssen asked members to update Page 2's to get to the Chaplain.

Old Business: The low country boil at the Victory House was a success.

New Business: February 17th is the Hunley Memorial service.

Good of the Order: Otto Botzsich announced that there is a Veterans Day Breakfast at Royal Baptist Church Sunday at 8AM. Rear Admiral Cedric Pringle will be a guest Speaker there.

The After Battery: Will be closed until 29 November. 1 December Pre Hog roast Meeting. The annual Hog roast will be April 21st. The Old Salts Hog Roast will be in August in Rhode Island.

Nuclear Historian: Ed Stank reported: The Victory House Lowcountry Boil was a great success.

Gun Club: Mike Ciesielko had no report.

The Red FRA ticket was won by Gary Wackerhagen.

The depth charge was won by Marty Sessler. Marty donated 100 Dollars to the Scholarship fund.

Benediction: Chaplain Nick Nichols gave the benediction.

Meeting Adjourned: Following the benediction by Nick Nichols, the Base Commander adjourned the meeting at 2030.

Naval Nuclear Power School Class 1705 Graduation



On Thursday, November 9, the USSVI-Charleston Base Submariners' Legacy Award was presented to LTJG Brian Wuestewald and MMN3 Adam Kantner as the top submarine designates by Grade Point Average for Class 1705.

Charleston Base Holds Tolling of the Lost Boats

On Veterans Day, Saturday, November 11 at 1400 USSVI Charleston Base held a Tolling for the Lost Boats at Coastal Coffee Roasters on 108 E 3rd N Street, Summerville, SC. The presentation took less than one-half hour and was well attended. Refreshments were provided by Coastal Coffee Roasters. Charleston Base will continue to hold this preservation each Veterans Day.

US Navy Deploys Unmanned Submersibles in Argentine Submarine Search

U.S. Naval Forces Southern Command Public Affairs, Navy.mil, November 19 NAVAL STATION MAYPORT, Fla. – The U.S. Navy has deployed unmanned underwater vehicles (UUV) to join in the search for the Argentine navy's submarine, A.R.A. San Juan, in South Atlantic waters.

The equipment consists of one Bluefin 12D (Deep) UUV and three Iver 580 UUVs, which are operated by the U.S. Navy's recently-established Unmanned Undersea Vehicle Squadron 1, based in Keyport, Washington.

The UUVs are uniquely capable to help in the search. Both types are capable of deploying quickly and searching wide areas of the ocean using Side Scan Sonar, a system that is used to efficiently create an image of large areas of the sea floor. The Bluefin 12D is capable of conducting search operations at 3 knots (3.5 mph) at a maximum depth of almost 1,500 feet for 30 hours, while the Iver 580s can operate at a depth of 325 feet, traveling at 2.5 knots (2.8 mph) for up to 14 hours.

The U.S. government is providing rapid response capabilities, including aircraft, equipment and personnel to assist the government of Argentina in its search for the missing submarine.

In addition to the UUVs, the U.S. has deployed aircraft to assist in the search, as well as underwater equipment specifically designed for submarine search and rescue.

Two Navy P-8A aircraft is already in Argentina, where it joined a NASA P-3 research aircraft currently supporting the ongoing search efforts over the submarine's last known location.

U.S. Southern Command (SOUTHCOM) directed the deployment of this equipment and personnel to Argentina to support the country's request for international assistance aimed at locating the missing submarine and crew.

SOUTHCOM is one of the nation's six geographically-focused unified commands with responsibility for U.S. military operations in the Caribbean, Central America, and South America.

US Navy to Deploy Undersea Rescue Capabilities to Argentina

U.S. Naval Forces Southern Command Public Affairs, Navy.mil, November 18 NAVAL STATION MAYPORT,

Fla. – The U.S. Navy has ordered its Undersea Rescue Command (URC) based in San Diego to deploy to Argentina Nov. 18, to support the South American nation's ongoing search for the Argentinean Navy submarine A.R.A. San Juan in the Southern Atlantic.

URC is deploying two independent rescue assets based on a number of factors, including the varying depth of ocean waters near South America's southeastern coast and the differing safe operating depths of the two rescue systems.

Three U.S. Air Force C-17 Globemaster III and one U.S. Air Force C-5 Galaxy aircraft will transport the first rescue system, the Submarine Rescue Chamber (SRC) and underwater intervention Remotely Operated Vehicle (ROV) from Miramar to Comodoro Rivadavia, Argentina. The four aircraft are scheduled to depart Miramar Nov. 18 and arrive in Argentina Nov. 19.

The second rescue system, the Pressurized Rescue Module (PRM) and supporting equipment will be transported via additional flights and is scheduled to arrive in Argentina early next week.

The SRC is a McCann rescue chamber designed during World War II and still used today. SRC can rescue up to six persons at a time and reach a bottomed submarine at depths of 850 feet. The PRM can submerge up to 2,000 feet for docking and mating, with a submarine settled on the ocean floor up to 45-degree angle in both pitch and roll. The PRM can rescue up to 16 personnel at a time. Both assets are operated by two crewmembers and mate with the submarine by sealing over the submarine's hatch allowing Sailors to safely transfer to the rescue chamber.

The URC Sailors deploying with the rescue systems are highly trained on its use and routinely exercise employing the advanced technology in submarine rescue scenarios.

The U.S. government is supporting a request from the government of Argentina for international assistance to the ongoing search for the missing submarine and possible rescue opportunities once the vessel and crew are located.

A Navy P-8A Poseidon multi-mission maritime aircraft and a NASA P-3 research aircraft are already in Argentina assisting ongoing search efforts near the submarine's last known location.

Why the United States Needs a 355-Ship Navy Now

Robert C. O'Brien, Jerry Hendrix, National Review, October 18

One of President Trump's signature campaign

promises to the American people was a 350-ship Navy. The Navy itself has stated unequivocally that it needs a bare minimum of 355 ships to meet the missions with which it has been tasked by our regional combatant commanders. Yet, sadly, it is becoming clear that no real budgetary steps have been or will be taken to fund this promise. Further, there is nothing on the horizon to suggest that anything will change on this front. The failure to rebuild America's fleet could not have come at a worse time. The world has grown increasingly dangerous, with a nuclear madman in North Korea testing an ICBM a month, mullahs in Tehran plotting

the takeover of the Middle East, Russia engaging in "frozen conflicts" in Ukraine, Georgia, and Moldova, a very hot civil war in Syria, and China appropriating a vast swath of the Pacific to itself. The forgoing list does not even take into account the United States' continuing wars in Iraq, Afghanistan, and dozens of other remote locales where we are in daily combat with al-Qaeda, ISIS, the Taliban, and their assorted jihadi fellow travelers.

Budgetary Irresponsibility and Material Passivity

Although both the House and the Senate Armed Services Committees have endorsed a significant increase in military spending at President Trump's behest, Congress sidestepped procedural opportunities that would have ended the 2011 Budget Control Act's caps on defense spending. The caps led to disastrous cuts in military spending. Defense sequestration severely affected the overall readiness of our forces, a result for which American soldiers, sailors, airmen, and Marines have paid a heavy price. There seems to be no desire in the House Ways and Means Committee or the Senate Appropriations Committee to partner with the authorizers to fix this situation. The Navy has not helped itself either. It has not pursued service-life extensions for retiring ships, such as the Ticonderoga-class cruisers or Los Angeles-class attack submarines scheduled for decommissioning in the next few years. Nor has it recalled into service ships such as the ten sturdy Perry-class frigates that are in the ready-reserve fleet. In fact, with regard to the reserve fleet, the Navy has acted precipitately either to sell off useful hulls, such as the Osprey-class mine-hunters — ships that could have

accompanied the fleet during operations off the coast of North Korea or Iran — or to outright scrap or sink, in target practice, ships such as the Spruance-class destroyers, many of which had years of life left in their hulls. Neither has the Navy pursued low-cost/high-impact solutions such as building missile-patrol boats or installing vertical-launch system cells on its new amphibious ships to give its smaller fleet a bigger punch. The Navy has demonstrated time and again that it is unwilling to embrace innovative approaches that are both efficient and effective with regard to its force structure. The combination of congressional budgetary irresponsibility and the Navy's passivity with respect to platforms is occurring even as Chinese shipyards are launching warships at record rates and Russia continues to invest in exquisitely effective submarines that, though produced in low numbers, can dominate the North Atlantic. As Admiral Dönitz almost proved in the last century, a submarine blockade of Western Europe could render the purpose of the treaty organization that bears the North Atlantic name moot. Key adversary naval and aviation platforms look remarkably similar to their U.S. counterparts because of massive ongoing campaigns to steal advanced U.S. military technologies. Both cyber and old-fashioned human-intelligence industrial espionage has occurred for decades without any significant retribution by the United States. There has been, perhaps, no greater demonstration of strategic lassitude since the West watched passively as Germany rearmed in the 1930s.

The Navy Is Broken

The simple fact is that the Navy is too small to do all that is asked of it. The service is attempting to maintain its historic average of 85 to 100 ships deployed, but the recent spate of groundings and collisions in the Western Pacific has pulled back the curtain on the dire state of American naval training and readiness. Ships are being deployed with more than a third of their training requirements and certifications unmet. Sailors are working in excess of 100 hours a week and getting less sleep than the human body can bear. The Navy has mismanaged its enlisted end strength. The cost of this conduct has been high. In less than a year we have lost the lives of 17 sailors who slept in their bunks while their destroyers collided with massive merchant ships. The policy of "doing more with less" was exposed as a sham that has resulted in the firing of multiple senior naval leaders. While the human toll of "doing more with less" is beyond bearing, the hundreds of millions of dollars in damages to two destroyers alone — McCain and Fitzgerald — would have been more than enough to refit all ten Perry-class frigates in the reserve fleet and return them to active service.

The Fleet Is Not Big Enough to Fulfill Its Current Missions

The nation's civilian leadership — the president and Congress — decides our "national interests." The regional combatant commanders then determine the forces needed to uphold those national interests. The combatant commanders have identified the 18 maritime regions where the Navy must operate to preserve the global security and economic system that America created after World War II. Some of these regions, such as the Caribbean, require only two ships to keep one ship deployed. Other regions, such as the Pacific, require four ships — one in maintenance, one training, one transiting, and one deployed — to keep one ship forward. Similarly, some regions, such as the Arabian Gulf, require a full carrier strike group (six ships), while others, such as the Gulf of Guinea, can be serviced by a single amphibious landing-ship dock. Taking all of these

regional factors into account would set the necessary fleet size at approximately 440 ships. The Navy's leadership, however, has established that it can deploy 85 to 100 ships at a time to meet combatant commander missions with a smaller fleet of 355 ships.

What is now very clear is that the Navy cannot continue to meet all combatant commander-requested missions with the current fleet of just 279 ships. If the Navy tries to do so, we can expect more collisions, more injuries, and more deaths in the fleet. At some point the broken fleet will enter into a "death spiral," as the growing number of sidelined ships places an even greater strain on the remaining operational ships, calling those ships' readiness in question.

There Are Strategic Options for a Smaller Navy

If Congress will not appropriate funds to build the 355-ship fleet, and the Navy's leadership will not innovate to increase its warship numbers, then America must have a new naval strategy to prevent the fleet from entering a death spiral from which it would be very difficult to recover. The first and most obvious option is to reduce the number of maritime regions serviced by the United States. America spends 3.6 percent of its GDP on its defense. Its partners do not. If the United States withdraws from various maritime regions, it may cause the allies to step up to the task. For instance, Norway (1.6 percent), Denmark (1.1 percent), and Canada (1 percent) could rebuild their own navies and take up responsibilities for the Arctic. Norway, Denmark, Germany (1.2 percent), Poland (2 percent), Lithuania (1.5 percent), Estonia (2.2 percent), and Latvia (1.5 percent), as well as technically neutral Western powers Sweden (1 percent) and Finland (1.4 percent), could invest in their maritime capabilities and patrol the Baltic with sufficient force to deter the Russians. Given that Aegis Ashore systems have been installed in Romania and soon will be operational in Poland, another region that could be considered for American withdrawal is the Black Sea, which could be covered by Turkey (1.7 percent), Romania (1.5 percent), and Bulgaria (1.4 percent). In the Pacific, the contentious South China Sea could be left to the states on its borders — Taiwan (2 percent), the Philippines (1.3 percent), Vietnam (2.4 percent), and Malaysia (1.4 percent). Given that the United States is now nearly energy independent, a sub-300-ship Navy could also consider withdrawing the Fifth Fleet command element from the Arabian Gulf (saving additional funds by doing away with a three-star staff). Vacating these regions and turning them over to allies and partners would allow the Navy to lower its deployed naval force to a range of 65 to 75 ships, thereby returning the fleet to a more balanced maintenance training-deployed cycle of operations. Whether our allies and partners would step up to the task of defending their own interests in these regions or instead just cut weakhanded deals with Russia, China, or Iran is an open question. Even the remaining 14 maritime regions deemed critical to the national interest would still have to be patrolled very judiciously, given our current fleet size. The U.S. might enjoy naval superiority in many of those remaining maritime regions, but not naval supremacy.

There is a second option: The Navy could return to its pre-World War II deployment pattern. During this era, when the Navy had between 300 and 400 ships in the fleet, it used a "surge and exercise" model. Maintaining fleet hubs in Norfolk and Pearl Harbor as well as in the Philippines, the pre-World War II Navy engaged in major exercises as a battle fleet twice a year (summer and winter) and then marshaled its ships in port to keep readiness high in order to surge in response to crises — the way the U.K. assembled its entire fleet to send to the South Atlantic in the Falklands war of 1982 (at a time when the Royal Navy was much larger than it is today). If the United States chose to return to this model, it could actually shrink the size of the fleet to around 240 ships, all of which possess the highest war-fighting capabilities, and organize it into two powerful fleets, Atlantic and Pacific. The ships could be consolidated and based in fewer strategic locations, such as Yokosuka, Japan; Pearl Harbor; San Diego; Norfolk; Mayport, in Florida; and Rota, Spain. From these bases the Navy would be responsible for a greatly reduced number of missions. The fleets would exercise as fleets with allies twice a year and spend the remainder of their time operating in and around their home ports in order to maximize maintenance and training. Such maintenance and training would be critical, as the United States would certainly be tested in the years following, since such a repositioning would be interpreted as a retreat by America's adversaries.

The Slippery Slope of Managed Decline

On February 27, 1947, the British embassy in Washington, D.C., notified the U.S. State Department that it was sending a courier over to deliver a "blue piece of paper." A "blue piece of paper" was diplo-speak for a message of ominous importance. The note informed the United States that Great Britain could no longer uphold its interests in Greece and Turkey and would soon withdraw from the eastern Mediterranean. The United States understood that without continued British support, Greece would quickly fall to the Communists and join the Soviet bloc. The need to protect the Mediterranean from the Communists in light of the United Kingdom's withdrawal was a key catalyst for both the Marshall Plan and the creation of the North Atlantic Treaty Organization. If the United States attempts to turn over key maritime regions to its allies or to reposition its fleet to an "exercise and surge" model, the message to the world will be even more dramatic than Great Britain's "blue piece of paper" was in 1947. Indeed, it would make the past eight years of "lead from behind" look like an assertive foreign policy. The message would be clear: The world's remaining superpower is no longer up to the task of defending its interests and those of its allies. The ensuing vacuum of power will be filled by other powers, and the scramble to do so will be fraught with danger and uncertainty. All of the benefits of Pax Americana that we have taken for granted for three quarters of a century — peace, a stable and prosperous global market, and the economic freedom derived from the dollar's being the reserve currency — will come to an end over a relatively short period of time. National decline is not an easily managed process.

Post-war Great Britain did not fall from No. 1 to No. 2 and just hold on there. Britain's decline continued through fits and starts in the decades that followed. The Royal Navy, which had once been sized to exceed the next two great power navies combined, now sails just 89 ships, with only 37 of those being front-line warships, and that number will likely slip further with recently announced defense-budget cuts. Mirroring the decline of its navy, Great Britain's influence in the world has also diminished. While still an important power, especially when acting within its "special relationship" with the United States, the United Kingdom can no longer bring its once-great influence to bear in Asia, Africa, or even Europe, as it did in centuries past. Navies and international influence go hand in hand. Unlike the United Kingdom, the United States does not now have the luxury of simply handing off its responsibilities to a rising power that shares its democratic values and commitment to the rule of law. The powers best positioned to take advantage of a world where the United States Navy does not protect the global commons — China, Russia, and Iran — are authoritarian powers that scorn Western civilization and the values America and its allies hold dear. The Obama administration took the first steps down the managed decline path with its doctrines of "strategic patience" and "leading from behind." The ensuing crises from Ukraine to Syria to Yemen to the South China Sea and North Korea are just a foretaste of what is to come if the United States signals to the world that it is committed to a path of managed decline by not rebuilding its Navy Balance-of-Power Instability In a world where the United States Navy is not forward-deployed, Russia, China, Iran, and other adversaries will aggressively seek to carve out their own spheres of influence. Smaller neighboring nations and even some located farther afield, recognizing an America in decline, will lean away from the United States and toward our adversaries. Europe itself will likely reach an accommodation with Russia. This course would be natural, as Europe's undisputed leader, Germany, has looked east for much of its history. Stalwart Pacific democracies such as Australia, New Zealand, and Japan will have no choice but to seek economic and security deals with China. Africa, which is already at the tipping point of Chinese influence, will fall fully into Beijing's orbit. India will have to gird for the coming border war with an expansionist China, and Taiwan will prepare for the inevitable cross-strait invasion.

The alternative for both democracies — the surrender of critical border lands for India, or of freedom for Taiwan — are probably too great to negotiate away. Iran and Saudi Arabia will seek to establish Shia and Sunni spheres of influence in the Middle East. The battle for supremacy there will be particularly grisly, as we have seen over the past decade. Assuming that Russia continues to back Iran, the outcome of that contest, without American involvement, will probably be Iranian hegemony from the Mediterranean to the Arabian Sea. Under these circumstances, the United States could find itself the dominant Western Hemisphere power but fighting a rearguard action for influence in South and Central America, where authoritarianism has a long tradition and where China is already very active on the economic and diplomatic front. While sphere-of-influence world politics can sometime appear attractive as a means to manage the globe, one lesson that history teaches is that spheres of influence are inherently unstable. The descent from spheres into a balance-of-power competition can be a precursor of war. Since 1945, even during the Cold War, the United States, through its Navy, has protected the sea lanes of communications and managed the global commons to ensure a generally peaceful world not divided up into spheres of influence. However, our Navy is now stretched too thin, and our adversaries are becoming too strong, for us to assume that this will remain the case for much longer.

The Surest Guarantee of Peace

Today's fleet is simply too small to continue to guard American interests around the globe, as those interests are currently defined, and to maintain the freedom of the global commons. By attempting to fulfill the combatant commanders' many and varied missions over 18 maritime regions in an increasing dangerous world, we are literally breaking the fleet by asking our sailors to do more with less. The four recent collisions and groundings in the Pacific, with their attendant loss of American blood and treasure, are sad testaments of this fact. Further, at least as of now, it is apparent that there will be no congressional funding for a 350-ship fleet. Moreover, naval leadership does not appear willing to take the innovative and necessary steps within the current budget to significantly enlarge the fleet's size within the operative budgetary confines. Accordingly, we have presented above two options for the deployment of the Navy going forward. We are not in favor of either option, but America simply cannot and should not condone the continued risk to the fleet — both its ships and its sailors — of operating with too few resources to accomplish its present missions. Changes have to be made. Unless Congress overturns the 2011 Budget Control Act and fully funds the National Defense Authorization Act, or the Navy pursues innovative approaches to increasing the fleet by performing service life extensions on older ships, recalling ships such as the Perry-class frigates from the ready-reserve fleet, and/or pursuing a low-cost/high-impact acquisition strategy, there will be no choice but to accept one of the options we present, or some unappetizing mix of the two. America and the world have been great beneficiaries of the forward presence of the United States Navy around the globe since the end of World War II. The U.S. Navy has been a key foundation of this Pax Americana. Abandoning that successful strategy is not something that we should do lightly, as the dangers, which we have merely glimpsed over the past decade, are serious indeed. Theodore Roosevelt, one of our great presidents and the only one who was a true naval strategist, stated in his second message to Congress: "A good Navy is not a provocation to war. It is the surest guaranty of peace." We agree. It is time for Congress to fund, and for our naval leadership to build, a 355-ship U.S. Navy. This effort must not take 30 years but be done now. The American people voted for and deserve such a Navy, and our sailors and Marines, who serve on those ships, do as well.

Search For Missing Argentine Submarine Reaches 'Critical Phase'

Walter Bianchi, Nicolás Misulin, Reuters, November 22

MAR DEL PLATA, Argentina/BUENOS AIRES — The search for an Argentine navy submarine missing in the South Atlantic for one week reached a “critical phase” on Wednesday as the 44 crew on board could be running low on oxygen, a navy spokesman said.

Dozens of planes and boats were searching for the ARA San Juan. Favorable weather meant boats could cover a greater area after being hampered by strong winds and high waves for much of the past few days, although poor weather was expected to return on Thursday, navy spokesman Enrique Balbi said.

If the German-built submarine had sunk or was otherwise unable to rise to the surface since it gave its last location on Nov. 15, it would be using up the last of its seven-day oxygen supply.

“We are in the critical phase...particularly with respect to oxygen,” Balbi told reporters. “There has been no contact with anything that could be the San Juan submarine.”

Around 30 boats and planes and 4,000 people from Argentina, the United States, Britain, Chile and Brazil have joined the search for the submarine, which last transmitted its location about 300 miles (480 km) from the coast.

Planes have covered some 500,000 square kilometers (190,000 square miles) of the ocean surface, but much of the area has not yet been scoured by the boats.

Several possible signals, including sounds and flares, that have been detected have turned out to be false alarms. Overnight, a British ship reported observing three orange and white flares, but they did not come from the vessel, Balbi said.

The submarine was launched in 1983 and underwent maintenance in 2008 in Argentina. It was en route from Ushuaia, the southernmost city in the world, to the coastal city of Mar del Plata, some 250 miles (400 km) south of Buenos Aires, when it reported an electrical malfunction shortly before disappearing last week.

Relatives of the crew members have been gathered at a naval base in Mar del Plata, where the search is being coordinated.

“We came today because we had hope that they had returned,” Elena Alfaro, the sister of crew member and radar expert Cristian Ibanez, told Reuters, in tears. “It is incomprehensible that so much time has passed. We are in pain.”

Navy Deploys Unmanned Submersibles in Argentine Submarine Search

U.S. Naval Forces Southern Command, Department of Defense, November 21

NAVAL STATION MAYPORT, Fla. — The Navy has deployed unmanned underwater vehicles to join in the search for the Argentine navy submarine A.R.A. San Juan, which is missing in South Atlantic waters.

The equipment consists of one Bluefin-12D (Deep) UUV and three Iver 580 UUVs, which are operated by the Navy's recently established Unmanned Undersea Vehicle Squadron 1, based in Pearl Harbor, Hawaii.

The UUVs are uniquely capable to help in the search. Both types are capable of deploying quickly and searching wide areas of the ocean using side scan sonar, a system that is used to efficiently create an image of large areas of the sea floor. The Bluefin-12D is capable of conducting search operations at 3 knots [3.5 mph] at a maximum depth of almost 5,000 feet for 30 hours, while the Iver 580s can operate at a depth of 325 feet, traveling at 2.5 knots [2.8 mph] for up to 14 hours.

The U.S. is providing rapid response capabilities, including aircraft, equipment and personnel to assist Argentina in its search for the missing submarine.

In addition to the UUVs, the U.S. has deployed aircraft to assist in the search, as well as underwater equipment specifically designed for submarine search and rescue.

One Navy P-8A Poseidon aircraft is already in Argentina, where it joined a NASA P-3 research aircraft supporting the ongoing search efforts over the submarine's last known location.

U.S. Southern Command directed the deployment of this equipment and personnel to Argentina to support the country's request for international assistance aimed at locating the missing submarine and crew.

Southcom is one of the nation's six geographically-focused unified commands, with responsibility for U.S. military operations in the Caribbean and Central and South America.

FOR SALE

Charleston Base members who have items they wish to sell may send me the information for inclusion in the newsletter. Items will run for three issues or until I'm notified by the person submitting the ad that it is no longer needed.

**Certified GSA Container Inspector
Past President of SC Locksmith Association
2004 Locksmith of the Year**



Robert Temple

Journeyman Safe Cracker
Summerville, SC 29483

843-873-0767

H8SPVMT@GMAIL.COM

Robert Temple - Crackerjack Locksmith

Locked Out? Call Crackerjack!!! 843.873.0767



RT2BR Arms LLC

Firearms Transfers and Sales

Tom Clark
308 Mendenhall St
Summerville, SC 29483

Hours by Appointment
(843) 277-5309
Info@RT2BRArms.com
www.RT2BRArms.com

FIREARMS TRANSFERS

www.rt2brarms.com

Info@RT2BRArms.com Standard

Transfer Fee: \$20 USSVI Member \$15

SC CWP Holders: \$5 discount

MC SQUARED CABLES, LLC



MC SQUARED CABLES, LLC
MELISSA A. GORDON, CEO/OWNER
EDWOSB/EDVOSB/DAVOSB
101 KILKENNY AVE.
GOOSE CREEK, SC 29445
OFFICE: (843) 327-8967
FAX: (843) 569-1438

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 at [http://www.ussvicb.org/business-discounts/MCSQUARED Business Description.pdf](http://www.ussvicb.org/business-discounts/MCSQUARED%20Business%20Description.pdf) for more information



Swamp Fox Utilities, LLC

Tim Curtis

Senior Estimator

Clearing * Grading * Water/Sewer *

Asphalt Paving

2080 Mendel Rivers Rd

PO Box 14

St. Stephen SC 29479

Phone: 843-567-3170

Fax: 843-567-6709

swampfoxutilities@cs.com

kw CHARLESTON
WEST ASHLEY
KELLERWILLIAMS.

KATHY SUMNER
MBA / REALTOR®
License# 91234

Phone: 843-475-7431

KathyHSumner@kw.com
www.SumnerPropertyGroup.com

1180 Sam Rittenberg Blvd.
Charleston, SC 29407

Each Office Independently Owned and Operated



KATHY SUMNER
REALTOR®

Kathy Sumner - MBA / Realtor – License# 91234
843.475.7431 – KathyHSumner@kw.com
www.SumnerPropertyGroup.com
1180 Sam Rittenberg Blvd, Charleston SC 29407