



# Hawgfish Scuttlebutt



Published monthly by the USS Razorback Base of the United States Submarine Veterans, Inc.

Greg Schwerman  
Base Commander,  
501-804-0386, [gschwerman@suddenlink.net](mailto:gschwerman@suddenlink.net)  
Editor, David Grove  
501-951-1314; [dgrove2000@sbcglobal.net](mailto:dgrove2000@sbcglobal.net)



February 2012

## Commander's Corner

Let's make 2012 fun and productive.

At last month's base meeting, the members present, discussed voted on, and confirmed the base events and meeting schedule for the 2012 calendar year.

We start off February with the fun part. Mary Christians has reserved 4 tables of 4 for the Races on February 25 in the Carousel Room. The cost is \$36.50 per person which includes entrance ticket and all day food, desserts, coffee and tea. Alcohol drinks not included in the price. Let's get these tables filled; and get your money to Mary as soon as possible, since she had to pay for the seats in advance. To reserve your seat, send Mary a check for your reservations before February 18th. This is always a great time for those who attend. Gates open at 1100 at Oaklawn for the Races.

The base bylaws state that we must have 6 business meetings a year; our next base meeting is March 24th at AIMM. This year as we did last year, the base meetings

will be followed with a potluck dinner after the meeting. Base meetings will be conducted May 19th at the base campout, August 25th at AIMM, October 27th at AIMM (to take nominations for base officers) along with the Navy Birthday dinner, and November 17th, At AIMM (conduct election of officers).

In April the fun part continues with the annual Submarine Birthday Dinner at the Historic Hotel Seville in Harrison on April 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> (this date might change). May 18<sup>th</sup>, 19<sup>th</sup> and 20<sup>th</sup> is the annual Base Campout at Dardanelle State Park in Russellville, June 15<sup>th</sup>, 16<sup>th</sup> and 17<sup>th</sup> we will travel to Heber Springs for a stay at a local B&B and bowling at the Heber Lanes, July is Arkansas Travelers Baseball (date to be determined), September is the USSVI convention, October and November we will participate in Navy Birthday and Veterans Day events, and end the year with the annual base Christmas Party at AIMM on December 15<sup>th</sup>.

If anyone has any suggestions for events for the

base, please make your ideas known by presenting your ideas at the next base meeting or sending detailed information including dates and times to [gschwerman@suddenlink.net](mailto:gschwerman@suddenlink.net).

Congratulations to our new Vice Commander Allan Malone and Base Treasurer Mark (camel) Taylor, who accepted the appointments at the January meeting.

Reminder that base elections will held in October/November of this year, so I encourage everyone who has been thinking about being more active in the base, to think about stepping up to a higher position as a base officer.

**Greg Schwerman**  
**Base Commander**

**HAPPY VALENTINE'S DAY!**



## Submarines Lost/Damaged During the Month of February

**USS Shark (SS-174) 11-Feb-1942.** 59 men lost.

**USS Amberjack (SS-219) 16-Feb-1943.** All hands lost (72).

**USS Grayback (SS-208) 26-Feb-1944.** All hands lost (80).

**USS Trout (SS-202) 29-Feb-1944.** All hands lost (79).

**USS Barbel (SS-316) 4-Feb-1945.** All hands lost (81).

### **USS BARBEL (SS 316) February 4, 1945 – All Hands Lost - 81**



USS Barbel (SS-316), a Balao-class submarine, was the first ship of the United States Navy to be named for the barbel, a cyprinoid fish, commonly called a minnow or carp.

Barbel keel was laid down by the Electric Boat Company of Groton, Connecticut. She was launched on 14 November 1943 sponsored by Mrs. Harold A. Allen, and commissioned 3 April 1944, Commander R. A. Keating in command.

Barbel arrived at Pearl Harbor on 21 June 1944 and commenced preparation for her first war patrol. From 15 July 1944 through 4 February 1945, she carried out four war patrols and is officially credited with sinking six Japanese ships totaling 15,263 tons.

Barbel departed Fremantle, Australia, on 5 January 1945 for the South China Sea on her fourth patrol. Late in January she was ordered to form a "wolfpack" with Perch and Gabilan and patrol the western approaches to Balabac Strait and the southern entrance to Palawan Passage. On 3 February, Barbel sent a message reporting that she had been attacked three times by enemy aircraft dropping depth charges and would transmit further information on the following night.

Barbel was never heard from again. Japanese aviators reported an attack on a submarine off southwest Palawan on 4 February. Two bombs were dropped and one landed on the submarine near the bridge. The sub plunged, under a cloud of fire and spray. This was very likely the last engagement of Barbel. She was officially reported lost on 16 February 1945.

Barbel received three battle stars for her World War II service.

**"We shall never forget that it was our submarines that held the lines against the enemy while our fleets replaced losses and repaired wounds," Fleet Admiral Chester Nimitz, USN.**



## **Razorback Base News**

### **All Razorback Base members:**

Mary has three seats left for the Day at The Races on February 25<sup>th</sup>. If she can't get three of you to take them she has some people in the Village (non-subvets) that are interested in getting them. So contact her if you want to join the 13 of us who are already signed up.

Thanks,  
Ray

Mary's mailing address is:  
PO Box 8358  
Hot Springs Village, AR 71910

The \$36.50 does include water, tea and coffee, just **no** sodas or alcohol.

\*\*\*

### **Razorback Meeting Minutes**

*January 28, 2012*

The Razorback Base was called to order by the base commander Greg Schwerman at 1630 hours at AIMM, in North Little Rock, AR. There were 24 members present. Carl Schmidt gave the invocation. Greg Schwerman led in the Pledge of Allegiance, and read The Creed. John Barr and John Albers presented The Tolling of the Bell for Lost Boats for Jan. and Feb.

A welcome was given to George Allison. The minutes of the Oct. 22, 2011 meeting were read by Jane Farmer. A motion made and seconded to accept minutes as read. Motion passed.

The treasurer's report was given by Greg Schwerman. The balance as of Dec. 2011 was \$14148.16. Motion was made and seconded to accept treasurer's report as read. Motion passed.

### Committee Reports

1. Chaplain Report-Carl Schmidt reported 3 members who had gone on Eternal Patrol David Sullivan, Kelly Driver, and Kenneth Brown. He sent a get well card to Bob Bolin.

2. Membership-John Barr reported a membership of 207 members.

We have acquired 2 new members Sam Cecil and Michael Wingeier.

### 3. Activities Report

a. Ray Wewers presented an activities list for the year 2012. List filed with secretary.

b. Mary Christian reminded those going to Hot Springs in Feb. their money was due now.

c. The base voted to have the Submarine Anniversary on April 14, 2012 in Harrison, instead of joining the Ozark Runner Base in Branson.

d. Holland Club - Tom Salisbury reported that the Holland Club would induct their new members at the Submarine Anniversary in Harrison.

### Old Business

#### 1. Fund Raisers

a. Booster Club - Carl Schmidt will write up a proposal on how this will be done, and present it at the next meeting.

b. Granite bench with submarine inscriptions for the National Cemetery in North Little Rock. Carl will write a proposal for this and present it to the base.

### New Business

1. Upon present resignation of vice-commander and treasurer, Alan Malone as vice-commander and Mark Taylor as treasurer were appointed by base commander Greg Schwerman for the remaining term.

2. Request from American Legion Post 1 asking for donation to help pay for handicap doors was tabled for now.

3. Putting an ad in convention program was tabled till we get more information.

4. Sea Daddy list to be revised by John Barr.

5. New members - Suggestions were made to recruit new members by putting ads in local newspaper, also having booths at local events. A committee was formed with Alan Malone as chairman, John Albers, and Carl

Schmidt. John Barr would notify the newspapers.

6. Oct. base election committee is Ray Wewers, Tom Salisbury, and John Albers.

### Communications

Letter from the Golden Triangle Base (looking for a MK14)

### Good of the Order

1. Greg Zonner asks for people to help with Memorial Day and 4th of July at AIMM.

2. Bob Christian talked about using the submarine float at a parade in Hot Springs Village, also told about being a chaperone to WWII Veterans that Wal-Mart flies to Washington D.C. for a day.

3. Mark Taylor reported on The Shorty Hagerman Ride on Feb. 17, 2012. They carry needed articles for veterans to the Towbin Center at Ft. Roots. We can help by bringing articles to AIMM. The ride will leave from AIMM at 12:30 p.m.

4. The base talked about serving coffee at the Veterans Hospital during Veterans week in Nov.

Meeting was adjourned at 1815 hours.

Benediction by Carl Schmidt  
Recording Secretary

Jane Farmer

\*\*\*

### **Capt. Ken Brown Sailor, Rest Your Oars**



It is with deep regret that we announce the passing of Captain Ken Brown, USN (ret).

Captain Brown passed away at Tripler Army Medical Center, in Honolulu, Hawaii after a battle with cancer.

Captain Brown had been *Razorback's* Commanding Officer from March, 1966 to May 1968.

Captain Brown was an active and enthusiastic supporter of the museum. He traveled to visit us several times, and was even kind enough to donate his personal scrapbook to us. The scrapbook contained over 200 photographs, newspaper clippings and other documents related to his time aboard *Razorback*.

While some of the photographs were routine, many others offered a candid look at life aboard a submarine during the height of the Cold War. The above photograph was taken on New Year's Eve 1966. A number of items from Captain Brown's scrapbook are on display in the museum.

Funeral arrangements are being handled by Captain Brown's family, and have not yet reached us. Please take a moment to remember this member of *Razorback's* crew.

### AIMMS NEWS



During the winter, when the weather prevents us from working outside, we still have plenty to do inside. We have been removing many of the front covers off of various indicator panels and other pieces of equipment and restoring them to their original condition.

This work includes carefully removing label plates, lights and other items, then stripping off the existing paint (sometimes as many as 20 layers). Once cleaned, the cover is then re-painted with a historically accurate paint.

While this is going on, the lights are checked for damage and broken lenses or bulbs are replaced. The label plates (often themselves covered with multiple layers of paint) are cleaned and

the lettering restored (using paint applied with a needle).

The all the parts are re-assembled, and the restored cover plate is replaced.

All this work is done in a matter of days, because the restored cover plates have to be back in place to allow tours to be safely conducted.

All told, nearly 50 pieces of equipment has been restored this winter alone.

Photograph courtesy of Joe Mathis. More photographs of the work we are doing can be seen on the [2011 Restoration Page](#).

Photographs of all of the restoration work done over the last 6+ years can be found [here](#).



**Feb 2<sup>nd</sup>** – Groundhog Day  
**Feb 14<sup>th</sup>** – Valentine's Day  
**Feb 20<sup>th</sup>** – President's Day  
**Feb 21<sup>st</sup>** – Fat Tues./Mardi Gras  
**Feb 22<sup>nd</sup>** – Ash Wednesday  
**Feb 29<sup>th</sup>** - Leap Day  
\*\*\*

### Something to Think About...

APHORISM: A short, pointed sentence that expresses a wise or clever observation or general truth.

1. The nicest thing about the future is that it always starts tomorrow.
2. Money will buy a fine dog, but only kindness will make him wag his tail.
3. If you don't have a sense of humor, you probably don't have any sense at all.
4. Seat belts are not as confining as wheelchairs.
5. A good time to keep your mouth shut is when you're in deep water.
6. How come it takes so little time for a child who is afraid of the dark to become a teenager who wants to stay out all night?
7. Business conventions are important because they demonstrate how many people a company can operate without.
8. Why is it that at class reunions you feel younger than everyone else looks?
9. Scratch a cat and you will have a permanent job.

10. No one has more driving ambition than the teenage boy who wants to buy a car.

11. There are no new sins; the old ones just get more publicity.

12. There are worse things than getting a call for a wrong number at 4 a.m. - like, it could be the right number.

13. No one ever says "It's only a game" when their team is winning.

14. I've reached the age where 'happy hour' is a nap.

15. Be careful about reading the fine print there's no way you're going to like it.

16. The trouble with bucket seats is that not everybody has the same size bucket.

17. Do you realize that, in about 40 years, we'll have thousands of old ladies running around with tattoos? (And rap music will be the Golden Oldies!)

18. Money can't buy happiness -- but somehow it's more comfortable to cry in a Cadillac than in a Yugo.

19. After 60, if you don't wake up aching in every joint, you're probably dead.

20. Always be yourself because the people that matter don't mind and the ones that mind don't matter.

21. Life isn't tied with a bow but it's still a gift.

and REMEMBER...

"POLITICIANS AND DIAPERS  
SHOULD BE CHANGED OFTEN  
AND  
FOR THE SAME REASON"

### Navy News

#### New Wharf for Trident Subs

*Mynorthwest.com, Jan 9, 2012*  
SEATTLE (AP)

The Navy plans to begin construction in July on a new \$751 million wharf at the submarine base at Bangor.

The Navy says it's needed to handle upgraded nuclear ballistic missiles for the eight Pacific Trident submarines.

As the Pentagon prepares to issue the final environmental impact statement, The Seattle Times reports opponents question the spending at a time of Pentagon cutbacks and changing defense priorities.

Anti-nuclear activist Tom Rogers of Poulsbo calls it a "Cold War relic."

The new Bangor wharf is supported by Congressman Norm Dicks and Kitsap County officials who expect the four-year project will create thousands of construction and support jobs.

\*\*\*

### **General Dynamics Awarded \$96 Million to Support Weapons Systems**

*MilitaryAerospace.com, January 9, 2012 - FAIRFAX, VA*

The U.S. Navy recently awarded General Dynamics Advanced Information Systems a \$95.9 million contract for production and deployed-systems support of U.S. and U.K.

Trident II submarine strategic weapons systems, including the SSBN fire-control system, the SSGN attack weapon-control system, the U.S. SSBN-replacement and the U.K. SSBN-successor common missile compartment. The contract has a maximum value of \$225 million if all options are exercised. General Dynamics Advanced Information Systems is a business unit of General Dynamics.

'We have a 50 year partnership with the Navy supporting strategic weapons systems and this award is a validation of our team's performance in supporting the modernization and enhancement of the Trident program,' said Lou Von Thae, president of General Dynamics Advanced Information Systems. 'Looking forward, the introduction of the common missile compartment will be instrumental for the next generation of SSBN platforms for the U.S. and U.K. navies. Deploying a common compartment across different platforms will decrease cost and introduce more flexibility for meeting today's mission requirements and those of the next generation of sailors.'

The Trident submarine force is the backbone of the U.S. and U.K. navies' nuclear deterrence strategies. To ensure this capability remains at peak readiness and safety, the U.S. Navy undertook the D5 Life

Extension Program in 2002 to replace aging components of the Trident II missile.

Under this contract, General Dynamics will continue to oversee elements of the D5 modernization program, including lifecycle support of the fire-control and attack weapon-control systems. The company will provide engineering support, performance evaluation, logistics, fleet documentation, reliability maintenance and training. The contract also calls for engineering support of the U.S. and U.K. common missile compartment including concept development, prototyping and initial design efforts.

Work will continue to be performed in Pittsfield, Mass., where General Dynamics currently employs over 1,100 employees.

\*\*\*

### **India - 6th Nation to Join Nuclear Sub Club**

*By Rajat Pandit, The Times of India, Jan. 24, 2012*

NEW DELHI: India's long hunt for a nuclear submarine is finally over. But it will take the country another 10-12 months to get an operational nuclear weapon triad - the capability to fire nukes from land, air and sea.

India on Monday became the world's sixth country after the US, Russia, France, the UK and China to operate nuclear-powered submarines when the Russian Akula-II class submarine 'K-152 Nerpa' was commissioned into Indian Navy as INS Chakra on a 10-year lease under a secretive almost \$1-billion contract inked in 2004.

The 8,140-tonne INS Chakra, however, is not armed with long-range nuclear missiles, like the Russian SS-N-21 cruise missiles with an over 2,500-km range due to international non-proliferation treaties like the Missile Technology Control Regime.

The Indian nuclear triad's elusive underwater leg will only come when the homegrown nuclear submarine, the over 6,000-tonne INS Arihant equipped to carry a dozen K-15 (750-km) or four K-4 (3,500-km) ballistic missiles, becomes fully operational

by early-2013. India has the land and air legs in the shape of the Agni series of missiles and fighter jets capable of carrying nuclear weapons.

Defense ministry sources said INS Chakra, commissioned at the Primorye region in far south-eastern Russia in a ceremony attended by top Indian and Russian officials, would soon set sail for India. It will be based at Visakhapatnam, next to where INS Arihant is slated to begin extensive sea trials in February-March after the ongoing harbour-acceptance trials.

Though it may not add to India's nuclear deterrence posture, INS Chakra will give some much-needed muscle to India's depleting underwater combat arm, which has only 14 ageing conventional submarines to brandish. India is in talks for the lease of another Akula-II class submarine from Russia, say sources.

Nuclear-powered submarines are stealthy since they can operate underwater at long ranges for months unlike diesel-electric submarines that need to surface every few days to get oxygen to recharge their batteries and have limited endurance due to fuel requirements.

INS Chakra will also be armed with the 300-km range Klub-S land-attack cruise missiles, which India deploys on its Kilo-class conventional submarines as well as other missiles and advanced torpedoes.

"It will be deadly 'hunter-killer' of enemy submarines and warships, as also provide effective protection to a fleet at sea. It can also provide cover to the nuclear-armed INS Arihant if required. With a dived speed of 30-35 knots, INS Chakra will be able to outrun any current Pakistani or Chinese submarine," said a source.

The Navy will also use INS Chakra to train its sailors in the complex art of operating nuclear submarines. The 'Charlie-I' class nuclear submarine India had leased from Russia from 1988 to 1991 was also named INS Chakra but the expertise gained on it was steadily lost since the Navy did not

operate any other nuclear submarine thereafter.

The new 10-year lease flows from the January 2004 agreement, with India funding a major part of Nerpa's construction at Komsomolsk-on-Amur shipyard after Russia stopped it midway due to a fund crunch. It was slated for induction much earlier but technical glitches delayed the process, which included a toxic gas leak in November 2008 that killed 20 Russian sailors.

\*\*\*

### Civil War Submarine Unveiled

Msnbc.com, January 12



The Confederate submarine H.L. Hunley sits in a conservation tank after a steel truss that had surrounded it was removed Jan. 12<sup>th</sup> - Bruce Smith/AP

NORTH CHARLESTON, S.C. Confederate Civil War vessel H.L. Hunley, the world's first successful combat submarine, was unveiled in full and unobstructed for the first time on Thursday, capping a decade of careful preservation.

"No one alive has ever seen the Hunley complete. We're going to see it today," engineer John King said as a crane at a Charleston conservation laboratory slowly lifted a massive steel truss covering the top of the submarine.

About 20 engineers and scientists applauded as they caught the first glimpse of the intact 42-foot-long (13-meter-long) narrow iron cylinder, which was raised from the ocean floor near Charleston more than a decade ago. The public will see the same view, but in a water tank to keep it from rusting.

"It's like looking at the sub for the first time. It's like the end of a long night," said Paul Mardikian, senior conservator since 1999 of the project to raise, excavate and conserve the Hunley.

In the summer of 2000, an expedition led by adventurer Clive

Cussler raised the Hunley and delivered it to the conservatory on Charleston's old Navy base, where it sat in a 90,000-gallon tank of fresh water to leach salt out of its iron hull.

On weekdays, scientists drain the tank and work on the sub. On weekends, tourists who before this week could only see an obstructed view of the vessel in the water tank, now will be able to see it unimpeded.

Heartbreak of the Hunley Considered the Confederacy's stealth weapon, the Hunley sank the Union warship Housatonic in the winter of 1864, and then disappeared with all eight Confederate sailors inside.

The narrow, top-secret "torpedo fish," built in Mobile, Ala., by Horace Hunley from cast iron and wrought iron with a hand-cranked propeller, arrived in Charleston in 1863 while the city was under siege by Union troops and ships.

In the ensuing few months, it sank twice after sea trial accidents, killing 13 crew members, including Horace Hunley, who was steering.

"There are historical references that the bodies of one crew had to be cut into pieces to remove them from the submarine," Mardikian told Reuters. "There was forensic evidence when they found the bones (between 1993 and 2004 in a Confederate graveyard beneath a football stadium in Charleston) that that was true."

The Confederate Navy hauled the sub up twice, recovered the bodies of the crew, and planned a winter attack.

On the night of Feb. 17, 1864, its captain and seven crew left Sullivan's Island near Charleston, and hand-powered the sub to the Union warship four miles (6.4 kilometers) offshore. From a metal spar on its bow, the Hunley planted a 135-pound (61-kilogram) torpedo in the hull of the ship, which burned and sank.

Some historians say that the submarine showed a mission-accomplished lantern signal from its hatch to troops back on shore before it disappeared.

What scientists have found Mardikian has the lantern, which archaeologists found in the submarine more than a century later, in his laboratory.

Scientists removed 10 tons of sediment from the submarine, along with the bones, skulls and even brain matter of the crew members, Mardikian told Reuters. They also found fabric and sailors' personal belongings.

Facial reconstructions were made of each member of the third and final crew. They are displayed along with other artifacts in a museum near the submarine. In a nearby vault is a bent gold coin that archaeologists also found in the submarine. It was carried by the sub's captain, Lieutenant George Dixon, for good luck after it stopped a bullet from entering his leg during the Battle of Shiloh in 1862.

"The submarine was a perfect time capsule of everything inside," said Ben Rennison, one of three maritime archaeologists on the project.

The Hunley Project is a partnership among the South Carolina Hunley Commission, Clemson University Restoration Institute, the Naval Historical Center and the nonprofit Friends of the Hunley. The nonprofit group raised and spent \$22 million on the project through 2010, a spokeswoman told Reuters.

The next phase of the project will be to remove corrosion on the iron hull and reveal the submarine's skin, preserve it with chemicals, and eventually display it in open air, Mardikian said.

Surprisingly sophisticated: Scientists have found the vessel to be a more sophisticated feat of engineering than historians had thought, said Michael Drews, director of Clemson's Warren Lasch Conservation Center.

"It has the ballast tanks fore and aft, the dive planes were counterbalanced, the propeller was shrouded," Drews said. "It's just got all of the elements that the modern submarines have, updated."

There were previous submarines, Drews said, but the

Hunley, designed to sail in the open ocean and built for warfare, was cutting-edge technology at the time.

"Dixon's mission was to attack and sink an enemy ship and he did," Drews said. "At that particular time, the mindset of naval warfare was, basically, big ships sink little ships. Little ships do not sink big ships. And the Hunley turned that upside down."

\*\*\*

**Nautilus Crew Members Reflect**

*By Lt. Cmdr. Jennifer Cragg, Commander, Submarine Group 2 Public Affairs*

GROTON, Conn. (NNS) -- Former crew members of the Historic Ship USS Nautilus (SSN 571) offered their reflections of serving aboard the U.S. Navy's first nuclear-powered submarine in advance of the 58th anniversary of its launching Jan. 21.

Former submariner Al Charette served aboard Nautilus in 1957 as a first class sonarman.

"Not only the first nuclear powered submarine in the Navy, it was the world's first nuclear-powered vessel. It was also the world's first ship to reach the North Pole," said Charette. "A lot of earlier exploration ships attempted it, but didn't achieve the North Pole. A lot of people visited the North Pole, some by plane, by dog sled, but our submarine will be remembered as the first ship in history to reach the North Pole."

Charette said he still possesses the 1978 National Geographic Magazine detailing the submarine's arrival at the North Pole. Nautilus is mentioned as one of the first to pioneer a route across the top of the world as it passed under the North Pole in 1958.

Charette also praised the Submarine Force Museum for their maintenance and upkeep of their former submarine since its arrival at the museum.

"When I go down to that ship, any day, it is in such good condition, you wonder why it couldn't get underway this afternoon," said Charette. "I think the condition of the submarine is amazing after all of these years."

Nautilus was decommissioned from the U.S. Navy in 1980 and

towed to Groton, Conn. in 1985 to become part of the Submarine Force Museum. The museum opened the submarine for tours to the public in April 1986.

"For most people who visit the Submarine Force Museum, this will be the only time they ever go onboard a Navy vessel," said Lt. Cmdr. Robert Sawyer, officer-in-charge, Historic Ship Nautilus. "The Nautilus crew works very hard to preserve the submarine and ensure it is available for generations to come. The crew also provides a chance for the public to talk to Sailors about their experiences in the Navy."

Nautilus is the only nuclear-powered submarine currently on public display.

William Engdall, a former Nautilus commissioning crew member served on board from 1953 to 1956.

"I served on board Nautilus with an exceptional crew of officers and enlisted men who were as concerned with their shipmates' careers as they were their own, and the camaraderie they displayed, directly influenced my decision to make the Navy a career," said Engdall. "The Nautilus was nothing like the two diesel boats that I had previously served aboard. The boat was unique, and a true fighting machine."

Engdall added that the Nautilus had all the creature comforts the crew needed.

"We had a washing machine, a crews' mess that was transformed into a movie theater, a coin-operated Coke machine, a juke box, private fiberglass bunks with individual ventilation and bunk lights," said Engdall.

Engdall also drew cartoons and documented life aboard Nautilus. So, when the Walt Disney Studios sent the submarine their concept of what the ship's patch should look like, it was also the version of the craft depicted in the movie, "Twenty Thousand Leagues Under the Sea."

"The crew thought that a different version would be more appropriate and asked me to provide a drawing representing the

actual USS Nautilus. The drawing was sent to Walt Disney Studios and they embellished my drawing, and it is now recognized as the official ship's patch," said Engdall.

Engdall is extremely proud to have served on board USS Nautilus and enjoys taking friends through the boat.

"The Nautilus will always have a place in my heart," said Engdall.

**January Birthdays**

- Feb 4<sup>th</sup> – Paul Honeck
- Feb 5<sup>th</sup> – Michael Meriweather
- Feb 6<sup>th</sup> – John Archer
- Feb 12<sup>th</sup> – Colin Stockdale
- Feb 13<sup>th</sup> – Gil Houston
- Feb 22<sup>nd</sup> – Dick Winchell
- Feb 24<sup>th</sup> – Frank Hampson
- Feb 26<sup>th</sup> – Robert Walls
- Feb 28<sup>th</sup> – T. Wesley Dodson
- Feb 28<sup>th</sup> – Bruce Dart

**Treasurer's Report: Jan 2012**

<b>BEGINNING BAL.:</b>	<b>\$ 8900.92</b>
<b>DEPOSITS:</b>	
Dues	791.20
Calendar Sales	68.00
<b>TOTAL DEPOSITS:</b>	<b>\$ 859.20</b>
<b>EXPENSES:</b>	
USSVI Dues	481.00
Calendars	28.62
<b>TOTAL EXPENSES:</b>	<b>\$ 509.62</b>
<b>ENDING BALANCE:</b>	<b>\$ 9250.50</b>
<b>CHARITYS</b>	
<b>Boat Maint Fund</b>	1296.03
<b>ENDING BALANCE</b>	<b>\$ 1296.03</b>
<b>Base Charity Fund</b>	457.00
<b>ENDING BALANCE</b>	<b>\$ 457.00</b>
<b>USS Snook Memorial</b>	1340.96
<b>ENDING BALANCE</b>	<b>\$ 1340.96</b>
<b>Regions Bank CD</b>	<b>\$ 5197.24</b>
<b>Interest</b>	<b>5.25</b>
<b>Ending Balance</b>	<b>\$ 5202.48</b>
Cash on hand	50.00
<b>TOTAL IN BASE FUNDS =</b>	<b>\$14,502.98</b>

**Base Treasurer  
Bob Bowlin**

**HAWGFISH SCUTTLEBUTT  
IN GOD WE TRUST**

David Grove  
144 White Oak Ln.  
Little Rock, AR 72227  
[dgrove2000@sbcglobal.net](mailto:dgrove2000@sbcglobal.net)



**OUR CREED:**

*"To perpetuate the memory of our shipmates who gave their lives in the pursuit of their duties while serving their Country. That their dedication, deeds and supreme sacrifice be a constant source of motivation toward greater accomplishments. A pledge of loyalty and patriotism to the United States Government its Constitution."*



**Razorback Base Executive Committee**

<b>Base Commander</b>	Greg Schwerman	<a href="mailto:gschwerman@suddenlink.net">gschwerman@suddenlink.net</a>	(501) 804-0386
<b>Vice Commander</b>	Joe Mathis	<a href="mailto:usnjrm@yahoo.com">usnjrm@yahoo.com</a>	(501) 565-6021
<b>COB</b>	Billy Hollaway	<a href="mailto:retldousn@earthlink.net">retldousn@earthlink.net</a>	(501) 758-3266
<b>Chaplain</b>	Carl Schmidt	<a href="mailto:bonnynclyde@classicnet.net">bonnynclyde@classicnet.net</a>	(501) 843-7855
<b>Treasurer</b>	Bob Bowlin	<a href="mailto:trkrbob@gmail.com">trkrbob@gmail.com</a>	(501) 450-3559
<b>Yeoman</b>	Jane Farmer	<a href="mailto:dcfarmert2@sbcglobal.net">dcfarmert2@sbcglobal.net</a>	(501) 753-8824
<b>Webmaster</b>	Greg Zonner	<a href="mailto:zonner632@horizonbroadband.net">zonner632@horizonbroadband.net</a>	(501) 316-6641
<b>Membership</b>	John Barr	<a href="mailto:jcbarr@aristotle.net">jcbarr@aristotle.net</a>	(501) 663-6622
<b>Storekeeper</b>	Billy Hollaway	<a href="mailto:retldousn@earthlink.net">retldousn@earthlink.net</a>	(501) 758-3266
<b>Holland Club</b>	Tom Salisbury	<a href="mailto:tomann@ipa.net">tomann@ipa.net</a>	(501) 337-0788
<b>Memorials/Ceremonies</b>	Billy Hollaway	<a href="mailto:retldousn@earthlink.net">retldousn@earthlink.net</a>	(501) 758-3266