



"To Honor Those Who Serve, Past, Present & Future"

May 2016

Volume 17, Issue 5

**Lest We Forget —
"The USSVI Submariner's 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. Pledge loyalty and patriotism to the United States of America and its Constitution.

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News Brief

1. **Next Meeting:** At 1100, third Saturday of each month at the Knollwood Sportsman's Club. Mark your calendars for these upcoming dates:
 - a. MAY 21
 - b. JUNE 18
 - c. JULY 16
2. Duty Cook Roster:
 - a. MAY – FRANK WALTER
 - b. JUNE – FRANK VOZNAK, JR.
 - c. JULY – SEE YOUR NAME HERE
3. **May Birthdays:** Clay Hill 2nd; Ed Potts 12th; Gus Yakes 16th; Brian Dawson 20th; Stephan Robich 22nd; Larry Warnke 28th. Happy Birthday, Shipmates!
4. We need more of your stuff for a **garage sale**. See the article on page 8.
5. Watch this newsletter for an announcement of a wonderful, two-part presentation on the foresight and impact of **Hyman G. Rickover**. Great Lakes Base Historian John Lindstedt has created an overview of the admiral's life and impact on national security, manufacturing, and engineering.
6. **USSVI National convention** information: <http://www.ussviconvention.org/2016/>
7. Combined **Picnic:** Hines VA Hospital Picnic Grounds **Saturday, August 13.**

Crash Dive Meeting Minutes April 16, 2016

1. Attendees:
 - a. Glenn C. Barts, Sr.
 - b. Ron Spooner
 - c. Gene Weisbecker
 - d. Greg Miller
 - e. Clayton Hill
 - f. Frank Voznak
 - g. Dick Anderson
 - h. Ed Dowling
 - i. Frank A. Walter
 - j. Herman Mueller
 - k. Ted Rotzoll
 - l. Gus Yakes
2. Meeting was called to order by Clay Hill at 1107 followed by the Pledge of Allegiance, invocation, and a round of introductions.
3. Secretary's Report was given by Clay Hill. Ed Dowling moved to accept; Frank Voznak seconded; vote was unanimous.
4. Treasurer's Report given by Glenn Barts. Savings \$1,173.69; Checking \$2111.40; Memorial Checking \$43,606.16; Memorial Savings \$5.00; Held by National \$20,790.00. Herman Mueller moved to accept; Dick Anderson seconded; vote was unanimous.
5. Committee Reports
 - a. Newsletter – no news.
 - b. Membership – no news.
 - c. Charitable Service – no news
 - d. Community Outreach – SubFest Weekend is July 8-10. Actively pursuing subvets to take a watch in the compartments.
 - e. Hospitality – no news.
 - f. Webmaster – Shipmates are encouraged to check the Website regularly. Trying to get an app to alert people.
 - g. Storekeeper – basket for Candlelight Bowl was delivered.
 - h. Procedures – SoP 1-5 are ready for signature and implementation.
 - i. Eagle Scout – Recently completed two presentations with three more scheduled.
 - j. Memorial –
 - i. Charitable Foundation accounting mismatch resolved.
 - ii. USS Pennsylvania donated \$250 and will get a brick.
 - iii. Clay Hill suggested sending a donation request to the American Legion in The Villages, Florida for a donation.
 - iv. Architect stated that we need a meeting with the City at the site.

- v. Awaiting several donations (Baxalta, Disney).
 - vi. Contacted by Nancy Kenney who wrote a book and wants to become involved in our Memorial by donating a copy.
 - vii. Clay suggested that we should all join WI Maritime Museum.
 - viii. Frank Walter suggested we contact the city for donations; he will do it. Get other cities/mayors involved.
6. Old (Unfinished) Business
- a. Frank Voznak talked about coming up with a motto for the base. We need to come up with one.
7. New Business
- a. Gene Weisbecker gave a short talk on the dogs that provide comfort to hospitalized vets.
 - b. Greg Miller moved to donate \$100 to K-9 Military Ministry from the Charitable Service balance. Frank Walter seconded; vote was unanimous.
 - c. Candlelight Bowl April 30; includes raffles.
8. Good of the Order item:
- a. Thanks to Greg Miller for a terrific lunch.
 - b. Duty Cook

- i. May – Frank Walter.
 - ii. June – Frank Voznak.
 - iii. July - SEE YOUR NAME HERE
 - iv. August – Ted Rotzoll.
- c. Frank Voznak will sign up for farmer's markets to sell candy give out information.
- d. Next Meeting is May 21, 2016 at KSC.
9. Adjourned at 1300 followed by lunch.

Lost Boats

USS Lagarto	SS 371	5/ 3/45
USS Scorpion	SSN 589	5/22/68
USS Squalus	SS 192	5/23/39
USS Stickleback	SS 415	5/30/58

U.S. military christens self-driving 'Sea Hunter' warship

PORTLAND, Oregon | By [Phil Stewart](#)

The U.S. military on Thursday christened an experimental self-driving warship designed to hunt for enemy submarines, a major advance in robotic warfare at the core of America's strategy to counter Chinese and Russian naval investments.

The 132-foot-long (40-metre-long) unarmed prototype, dubbed Sea Hunter, is the naval equivalent of Google's self-driving car, designed to cruise on the ocean's surface for two or three months at a time - without a crew or anyone controlling it remotely.

That kind of endurance and autonomy could make it a highly efficient submarine stalker at a fraction of the cost of the Navy's manned vessels.

"This is an inflection point," Deputy U.S. Defense Secretary Robert Work said in an interview, adding he hoped such ships might find a place in the western Pacific in as few as five years. "This is the first time we've ever had a totally robotic, trans-oceanic-capable ship."



(Editing by John Walcott and Alan Crosby)

The autonomous ship 'Sea Hunter', developed by DARPA, is shown docked in Portland, Oregon before its christening ceremony April 7, 2016.

Reuters/Steve Dipaola

For Pentagon planners such as Work, the Sea Hunter fits into a strategy to incorporate unmanned drones - with increasing autonomy - into the conventional military in the air, on land and at sea.

It also comes as China's naval investments, including in its expanding submarine fleet, stoke concern in Washington about the vulnerability of the aircraft carrier battle groups and submarines that remain critical to America's military superiority in the western Pacific.

"We're not working on anti-submarine (technology) just because we think it's cool. We're working on it because we're deeply concerned about the advancements that China and Russia are making in this space," said author Peter Singer, an expert on robotic warfare at the New America Foundation think tank.

Work said he hoped the ship, once it is proven safe, could head to the U.S. Navy's Japan-based 7th Fleet to continue testing.

His goal is to have ships like the Sea Hunter operating on a range of missions, possibly even including counter-mine warfare operations, all with limited human supervision.

"I would like to see unmanned flotillas operating in the western Pacific and the Persian Gulf within five years," he said, comparing the prototype ship to early drone aircraft.

The ship's projected \$20 million price tag and its \$15,000 to \$20,000 daily operating cost make it relatively inexpensive for the U.S. military.

"You now have an asset at a fraction of the cost of a manned platform," said Rear Admiral Robert Girrier, the Navy's director of unmanned warfare systems.

RULES OF THE ROAD

Developed by the Pentagon's Defense Advanced Research Projects Agency (DARPA), the ship is about to undergo two years of testing, including to verify that it can safely follow international norms for operating at sea.

First and foremost is ensuring that it can use radar and cameras to avoid other vessels. Powered by two diesel engines, the ship can reach speeds of 27 knots.

The advent of increasingly autonomous ships and aircraft is stoking concern among some experts and activists about armed robotic systems that could identify people as threats and kill them.

During the christening ceremony in Portland, Work raised the possibility of someday positioning weapons on the Sea Hunter.

But he stressed that even if the United States ever decides to arm robotic naval systems such as Sea Hunter, any decision to use offensive lethal force would be made by humans.

"There's no reason to be afraid of a ship like this," Work told reporters at the ceremony.

Electric Boat to hire thousands as military strategy shifts back to submarines



Electric Boat across the Thames River in Groton. Aaron Flaum/ NorwichBulletin.com
By Stephen Singer The Hartford Courant
Distributed by Tribune

GROTON - For the first time in a generation, Electric Boat is hiring thousands of workers as military strategy again turns to submarines to project U.S. sea power.

As many as 850 high-skilled, well-paid manufacturing and other jobs are being filled this year and nearly 4,000 in the next 15 years, establishing a workforce of 18,000 at the submarine manufacturer's sites in Groton and Quonset Point, R.I.

About 4,000 workers have been hired since 2012 as Electric Boat builds two submarines a year, a coveted expansion of the fleet that was eclipsed by shifting

military policies at the end of the Cold War and the beginning of the drive against terrorism.

Finding and recruiting workers has stirred a regional network of community colleges, vocational schools and training and recruitment centers coordinating efforts for job training and curriculum development to match applicants with jobs at Electric Boat and small manufacturers.

Maura M. Dunn, vice president of human resources and administration at Electric Boat, said the subsidiary of General Dynamics Corp. has nearly doubled its recruiting staff and expects to spend more than \$1 billion to build workplaces for submarine construction. She compared the recruiting and personnel screening to fully staffing several companies.

Electric Boat also needs to replace between 275 and 300 workers who retire annually from the company's aging work force, Dunn said.

"It's been 20 years since we've had to do this kind of hiring," she said. "The numbers are big and our ability to staff and maintain our employment level is really critical to our nation."

The types of jobs needed to build a submarine -- a massive machine with more than 1 million parts -- include engineers, machinists, carpenters, painters, welders and others. Administrative workers such as managers and procurement specialists also are required.

Demand is so strong that John Hyde has been conditionally hired as a machinist at Electric Boat while still a student in a manufacturing class at Ella T. Grasso Technical High School in Groton. Hyde, 31, lost his shipping job

of six years when WestRock Paper Mill in Uncasville closed earlier this year.

He said he enjoys the "hands-on aspect of doing things" and has long been interested in manufacturing. "But at the time I had a decent job," he said.

Workforce development in Eastern Connecticut is not new. But Electric Boat's large-scale hiring "certainly contributed and definitely sharpened our focus," said John Beauregard, executive director of the Eastern Connecticut Workforce Investment Board, a key agency organizing recruitment and training.

Gene Harper, Electric Boat's retired hiring manager who is now helping to recruit, said finding work was a mystery to many.

"How do I get into manufacturing? That was the main question," he said. "We didn't have a good answer."

About two dozen regional agencies, schools and colleges, representatives of federal offices and others organized worker recruitment and education and training programs, meeting regularly and making sure "everyone is responsible for certain actions," Harper said.

Most new workers seeking retraining range in age from their 20s to their 50s, "looking to improve or change careers," said Kelli Vallieres, president of the Eastern Advanced Manufacturing Alliance, a group of 53 companies.

Hiring at Electric Boat is expected to spur more work among suppliers, and manufacturers in Eastern Connecticut are organized to capitalize on job growth. The Eastern Advanced Manufacturing Alliance is working with Three Rivers and Quinebaug Valley community colleges and area technical

high schools to "make sure what is taught at colleges is what industry wants," Vallieres said.

Electric Boat and manufacturers in the alliance "get good first dibs on hiring," she said.

The boost in manufacturing jobs is good news for Connecticut's slow-growth economy. The state's unemployment rate of 5.7 percent in March is stubbornly higher than the U.S. rate of 5 percent and a state Department of Labor economist said job growth is insufficient to employ all the workers entering the labor force.

Hiring at Electric Boat follows a shift in military policy. Submarine construction slackened after the Cold War ended in the early 1990s and following the 9/11 attacks a decade later, submarines were sidelined in favor of drones and stepped-up intelligence targeting terrorist groups.

Submarines are now getting renewed attention as the U.S. confronts different threats: Russian advances in Europe, Chinese moves in the South China Sea and Iranian activity in the Middle East.

President Barack Obama's budget this year included \$7 billion to \$8 billion for submarine work, up 11 percent from the previous budget, U.S. Rep. Joe Courtney, D-2nd District, said.

"Believe me, there is no other program I'm aware of in the Department of Defense getting an 11 percent increase," Courtney said.

Dunn, Electric Boat's personnel chief, said the shipbuilder has spent the past two years preparing for the increased workload.

"It's a big job, but we're up to the task," she said.

Wanted! New National Scholarship Chairman

Shipmates,
After doing an outstanding job as National Scholarship Chairman for 25 years, Paul Orstad is stepping down as Scholarship Chairman at the Reno Convention.

Anyone wishing to fill this very important position please contact National Commander Al Singleman, Jr at al@ssbn657.com or call (518) 355-2119

To Paul:

Thanks for all you have done for your shipmates over the years as you did a great job for all those young students. BZ my friend.

Pride Runs Deep,
Al Singleman, Jr, NC

Good Story about VA Class Submarines

CNN's Jim Sciutto talks about the critical importance of the U.S. Navy after his time aboard USS *Missouri* (SSN 780), a Virginia-class attack submarine.

It is a powerful story about the pressure on the U.S. Navy to always be ready to respond to threats and crises. 13 minutes. Answers lots of questions the public may have about our submarine force.

See:
<https://www.facebook.com/cnn/videos/10154759737436509/>

TWO APRIL EVENTS

As April finished, there were two final events that helped push the submarine on the Crash Dive website Donors Page, into shallower depths on the scale.

A garage sale in Coal City hosted by USS Chicago Base was a success and best told in the words of Ken Tupman, Commander of USS Chicago Base.

"The second day of a rain soaked soggy garage sale in Coal City resulted in a two day total of \$1305, BZ to all who participated.

We are planning on a city wide garage sale in Peotone sometime in June. We will need more donations of sellable items. You never know what people will buy. Details to follow. I will be gone most of June so we will need to work things out how items get to Peotone, a good subject for the May 7th meeting."

Kommander Ken

That same weekend, April 30th to be exact, USS Chicago Base worked with Crash Dive Base at a Candle Light Bowl fundraiser that Dennis Thezan and his wife Carol planned and hosted, in Westmont, at the Suburbanite Bowl. Dennis, an Air Force Vet, wanted to do something for the submarine memorial when he found out about the project. All said, we collected \$4495.00, and ended up with a profit of 3,160.54, after paying bills.

One story sticks out in my mind, more than others during the evening. As they were announcing the "winners" of the

baskets that were raffled off, a little girl was standing near my wife, with a small handful of six orange raffle tickets. USS Chicago Base member, John Connon was also standing nearby. As this little girl was patiently waiting, listening to the winners being announced, she started helping my wife move the next baskets to be raffled, down the table to make it easier for the people who 'won' them, to pick up. My wife asked her if she had a basket that she was interested in, and she replied that yes, she was waiting on one that had a bunch of candy, popcorn, and movies inside; there was also a small necklace which I am sure may have also caught her eye. This basket, as it turned out, was the last basket to be raffled off, and to see her study her tickets as the numbers were read off, was a treasure. Unfortunately, her numbers did not match the winning numbers, and she started to show her disappointment. However, the winner of that basket was John Connon. (The guy standing near-by.) Upon learning that he won the basket, and without hesitation, he picked up that basket..... and handed it to the little girl who had so patiently waited to see if she would be the lucky winner that evening. Actually, right then, I think that there were probably four lucky winners. The little girl who now had 'Won' the basket that she had so patiently waited for. John Connon, who unselfishly handed it to that little girl, and in the process made her evening, I'm sure his evening also was made, along with the evening of my wife and I, who witnessed John's actions. BZ to John Connon of USS

Chicago Base, a submariner who made a little girl happy with a basket that had been donated by Crash Dive Base, and put together by Herman and Lori Mueller, of Crash Dive. BZ again to John for helping with the 50/50, Tom Sasgen who pretty much accounted for our success with the raffle tickets, and all who attended and made this Candle Light Bowl a success. Special Thanks to Suburbanite Bowl.

PICTURES ON OUR WEBSITE, UNDER "BASE EVENTS".

Memorial Garage Sale

Shipmates, we are planning another garage sale in June. It will be June 17 and 18 and will be at the Peotone American Legion in conjunction with the Peotone city wide garage sale. We made \$1305 in Coal City.

We need more sellable items. You wouldn't believe what people buy. Please dig in your garages and basements and donate items with all proceeds going to the submarine memorial. We sold the good stuff, now we need more good stuff. Those who didn't donate before please donate now.

Contact Vic and Jan for a place to bring your items. The memorial fund is gaining momentum so let's keep it going. We got the \$5,000 matching fund check from Baxalta the other day. Waiting on \$15,000 GE matching check and a \$500 Disney matching check.

Clean House donate garage sale items.

Kommander Ken

'Hidden' Giant Of Turkey's Defense Industry: Domestic Submarine

Staff, Yeni Şafak Newspaper, May 20

Turkey's Defense industry to deliver the country's first indigenous submarine to Turkish Armed Forces by 2023; construction of the 'hidden' giant is going at full speed.

After the construction of the Turkish Defense industry's "hidden giant," the new type submarine project (NTSP) that aimed to procure six new Type Submarines which have an Air Independent Propulsion (AIP) System has begun.

Gölcük Naval Shipyard

The project would cost a total of 2.7 billion dollars, to be provided by a domestic fund.

The new type submarines would be capable of producing their own energy automatically using a mechanism

of the reaction of hydrogen and oxygen tanks in the underwater giant. This system allows the vehicle to stay under water without atmospheric air for long periods of time.

According to the project, Turkey's domestic submarine can make a round-trip journey from Turkey to the US without refueling.

It can stay as long as 15 days under water.

The national submarine project is supported by Turkey's largest defense companies, including HAVELSAN, ASELSAN, TÜBİTAK, STM AŞ, AYES AŞ, Milsoft, Meteksan Savunma and Koç Bilgi Savunma.

According to Turkey's Undersecretariat of Defense Industries (SSM), the project aims to maximize local content. It also aims to acquire knowledge and experience in submarine construction, integration and systems.

Crash Dive Base Contact Information

Commander – Clayton Hill, 195 Clover Lane, Cedarburg, WI 53012; 262-377-5332 (work number) or bisi@ameritech.net

Vice-Commander – Greg Miller, 964 Fischer Drive, Addison, IL; (630)543-7855 or fourkats4me@yahoo.com

Secretary (POC) – Chris Gaines, 513 West Downer Place, Aurora, IL 60506; 630-892-5718 or ccgaines@mindspring.com

Treasurer – Glenn C. Barts, Sr., 2000 Jamestown Drive, Palatine, IL 60074; 847-934-7418; gcbarts@msn.com

COB – Larry Warnke, l_warnke@msn.com

Chaplain – Cris Pascual; crispases@aol.com; 285 Southridge, Gurnee, IL 60031; 847-855-0772

Membership – Tom Polzin, 12463 Foxtail Lane, Huntley, IL 60142; (v) 847-867-8668; (f) 847-669-2444; tapolzin@aol.com

Storekeeper – Herman Mueller, 503 Lynn Terrace, Waukegan, IL 60085; 847-445-5034; hermanandlorimueller@comcast.net

Newsletter Editor – Chris Gaines

Base Historian – Frank Voznak, Jr. 9 South 255 Madison, Burr Ridge, IL. 60527; 630 986-0175 franklin2@comcast.net



APPLICATION FOR MEMBERSHIP

Regular Life Associate

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. Pledge loyalty and patriotism to the United States of America & its Constitution."

With my signature below I affirm that I subscribe to the Creed of the United States Submarine Veterans, Inc., and agree to abide by the Constitution, all Bylaws, Regulations and Procedures governing the U.S. Submarine Veterans, Inc., so long as they do not conflict with my military or civil obligations. I will furnish proof of my eligibility for Regular membership, including my discharge under honorable conditions, and proof of my U.S. Navy (SS) Designation, if required by the Base or the national Membership Chairman. If I am not discharged, the discharge requirement is waived. If I am not U.S. N. submarine qualified, I am applying as an Associate and my sponsor is indicated below.

- I certify that I was designated qualified in USN Submarines aboard _____ in _____ (Yr)
(Honorary designations regardless of source do not apply under any circumstances.)
- I certify that I received a discharge under Honorable Conditions (if not currently in military service) in _____ (Yr)

Name: (Print /Type) _____ Address: _____

City: _____ State: _____ Zip Code: _____ - _____ Tel: (____) _____ - _____

Signature: _____ Date: ____/____/____

Your E-Mail Address _____ Base/Chapter Desired: _____

The Member Dues year runs from Jan 1st thru Dec 31st. Please indicate your term preference: _____
 Nat'l Dues: 5 Yr term: \$115.00; 3 Yr term: \$70.00; 1 yr term (Jan thru Sep) \$25.00; (Oct thru Dec adds the next yr): \$30.00;
 Nat'l Life: 76+ yrs = \$100.00; 66 thru 75 yrs = \$200; 56 thru 65 yrs = \$300.00; 46 thru 55 = \$400.00; Thru 45 yrs = \$ 500.00;
 Local Base/chapter dues are separate and additional. Crash Dive Base dues are \$15 annually.

How did you find USSVI? Friend, Boat Assn, Local Event/News, Internet, Other (_____)

YOUR U.S. NAVY BIOGRAPHICAL DATA

Date Of Birth (MM/DD/YY) ____/____/____ If other military service, What Branch? _____

Highest Rate & Rank Attained: _____ Mil Retired (Y/N): _____ On Active Duty? (Y/N): _____

YR entered Mil Service: _____ YR left Mil Service _____ (Active/Inactive reserve time also counts.)

Check here if your Military Service falls within these time periods: Dec 7, 1941, thru Dec 31, 1946; June 27, 1950, thru Jan 31, 1955; Aug 5, 1964, thru May 7, 1975; and Aug 2, 1990 to date.

Check here if you have been awarded an Expeditionary Medal

Submarines and ships served aboard as ship's company (Use back if you need more space.)

1. _____ Hull# _____ From Yr. ____ to Yr. ____
2. _____ Hull# _____ From Yr. ____ to Yr. ____
3. _____ Hull# _____ From Yr. ____ to Yr. ____
4. _____ Hull# _____ From Yr. ____ to Yr. ____
5. _____ Hull# _____ From Yr. ____ to Yr. ____

Next of Kin: Name: _____ Relationship: _____ (Spouse, Partner, Son, Dau, Parent, Other)

Addr: _____ City: _____ State: _____ Zip: _____ Tel: _____

(Leave this address line blank if the same as your home address)

Upon completion, give this form, including your National and Base membership DUES to the appropriate base officer, or mail to: Crash Dive Membership Chairman Tom Polzin, 12463 Foxtail Ln, Huntley, IL 60142; Cell 847/867-8668 Fax 847/669-2444