



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

August 2019

Volume 20, Issue 8

**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. AUGUST 17
  - b. SEPTEMBER 21
  - c. OCTOBER 19
2. **Duty Cook Roster:**
  - a. AUGUST – CHRIS GAINES
  - b. SEPTEMBER – TED ROTZOLL
  - c. OCTOBER – MAURICE YOUNG
3. **August Birthdays:** Dick Anderson 4<sup>th</sup>; John Manasse 5<sup>th</sup>; Eric Clauson 6<sup>th</sup>; John McClellan 14<sup>th</sup>, and Frank Walter 25<sup>th</sup>. Happy Birthday, Shipmates!
4. **Support the Cobia** - Crash Dive is committed to keeping the Cobia healthy. You can help too, even from afar. Join the WI Maritime Museum; [www.wisconsinmaritime.org](http://www.wisconsinmaritime.org).
5. Clay Hill is collecting pictures from the dedication of the Riverwalk Memorial. Kindly consider sharing copies of your photos with Clay by sending them to him at [Clay53012@yahoo.com](mailto:Clay53012@yahoo.com).

## Crash Dive Meeting Minutes July 20, 2019

1. Attendees:
  - a. Clay Hill
  - b. Frank Voznak
  - c. Manny Garmendez
  - d. Frank Walter
  - e. Sally Walter
  - f. Larry Warnke
  - g. Herman Mueller
  - h. Glenn Barts
  - i. Chris Gaines
  - j. Maurice Young
  - k. Bob Diehl
  - l. Greg Miller
  - m. Ted Rotzoll
2. Meeting was called to order by Clay Hill at 1115 followed the Pledge of Allegiance and a round of introductions.
3. Secretary's Report was given by Chris Gaines.
4. Treasurer's Report given by Glenn Barts, Sr. Savings \$1,173.69; Checking \$4,720.06; Sub Memorial Checking \$30,841.21. Savings \$5.00 and held by national \$0.00.
5. Committee Reports
  - a. Newsletter – Will be posted on Webpage.
  - b. Membership – Send dues to Chris Gaines, 513 W. Downer Place, Aurora, IL 60506.
  - c. Charitable Service – Nothing new.
  - d. Community Outreach – SubFest last weekend. We had a table to raise funds for

drydocking the Cobia. There is a separate bank account dedicated to the Cobia drydocking. Took in \$580.25 with expenses of \$216 for chocolate. Four boxes of candy unsold. Greg will meet next Thursday with WMM. Greg recommends adding to our inventory of items to sell. Anticipate need for volunteers for staffing the table at various events. **ACTION:** Chris to send Payment Request form to Greg and officers for reference and use.

- e. Hospitality – Corn Roast August 24. See Larry for tickets. \$15 each.
- f. Webmaster – If you have something to post on the Website, send it to Frank Voznak. Waiting for some pictures of the memorial dedication to post.
- g. Storekeeper – Nothing new.
- h. Procedures – No news.
- i. Eagle Scout – One Court of Honor tomorrow and one in August. **ACTION:** Clay will ask Phil Owens about managing this process, especially to prevent overlap among bases.
- j. Memorial – Anyone who has pictures of the dedication is asked to share copies with Clay Hill. City staff discovered rust on the water-tight door. Door was removed and repaired. City suggested posting an explanation of the memorial, maybe a plaque on

- a post with greater detail than now exists. Bills are paid. There is a one-year warranty on the memorial. Expect to retain role as intermediary during the warranty period. Will maintain funds until we are fully clear of our obligation, the anniversary of the dedication May 18, 2020.
6. Old (Unfinished) Business
    - a. Holland Club Class of 2019 – no Crash Dive members.
  7. New Business
    - a. Greg Miller moved to spend \$500 on Operation Santa at the Wisconsin Maritime Museum. Herman Mueller seconded. Vote was unanimous.
  8. Good of the Order item:
    - a. Duty Cook
      - i. August – Chris Gaines.
      - ii. September – Ted Rotzoll.
      - iii. October – Maurice Young.
    - b. 786 Club –
      - i. Change of Command September 16, 2019.
      - ii. Annual visit expected in December or January.
  9. Adjourn. Larry Warnke moved to adjourn; Glenn Barts seconded. Meeting adjourned at 1254.

## Lost Boats

USS BULLHEAD SS 3328/6/45  
 USS FLIER SS 2508/13/44  
 USS S-39 SS 1448/14/42  
 USS HARDER SS 2578/24/44  
 USS COCHINO SS 3458/26/49  
 USS POMPANO SS 1818/29/43

## Undersea Warfare History

- July 8, 1944 | USS Tirante (SS 420) sank Japanese merchant ship Saitsu Maru near Dairen, Korea.
- July 9, 1944 | USS Aspro (SS 309) found a convoy of 4 ships with 5 escort vessels off the coast of Luzon. She fired her torpedoes sinking one ship and damaging a second.
- July 10, 1944 | USS Bonefish (SS 223) sank a sampan with gunfire.
- July 11, 1943 | USS Flying Fish (SS 229) destroyed a 125-foot sailing vessel with gunfire, leaving it aflame from stem to stern.
- July 12, 1944 | USS Pomfret (SS 391) allowed a Japanese hospital ship to proceed in peace.
- July 15, 1944 | USS Grunion (SS 216) sinks Japanese submarine chaser off Kiska, Aleutian Islands
- July 16, 1945 | The first atomic bomb test, Trinity, was detonated at Alamogordo, New Mexico.
- July 17, 1944 | USS Guardfish (SS 217) sank the 6,863 ton auxiliary Matai Maru, the 2,838 ton cargo ship Hizan Maru and the 6,216 ton cargo ship Jinsan Maru southwest of Formosa.
- July 18, 1981 | USS Dallas (SSN 700) is the first Los Angeles-class attack submarine to be commissioned with an all-digital fire control and sonar system.
- July 19, 1943 | USS Porpoise (SS 172), after scoring hits on two cargo ships early in her patrol, sank the 2718 ton passenger cargo ship Mikage Maru No. 20.
- July 22, 1945 | USS Razorback (SS 394) departed Midway for her 5th war patrol in the Okhotsk Sea where she

- sank 6 wooden cargo sea trucks and damaged 2 in surface gun action.
- July 23, 1944 | USS Spadefish (SS 411) got underway from Pearl Harbor for her first war patrol as a member of a coordinated attack group with USS Picuda (SS 382) and USS Redfish (SS 395).
  - July 24, 1945 | USS Pomfret (SS 391) shelled the Kuskaki Jima lighthouse and radio installations.
  - July 25, 1943 | USS Pompon (SS 267) torpedoed the 5,871 ton cargo ship Thames Maru and damaged two additional transports.
  - July 26, 1945 | USS Indianapolis arrives at Tinian with components and enriched uranium for Little Boy nuclear bomb.
  - July 29, 1944 | USS Parche (SS 384) sighted a convoy while cooperating with USS Steelhead (SS 280), closed in and sank the 4,471-ton cargo ship Manko Maru and the 10,238-ton tanker Koei Maru. During this night surface action she barely avoided being rammed by one ship.
  - July 30, 1919 | USS G-2 (Tuna) (SS 27) suddenly flooded during an inspection by a 6-man maintenance crew and sank at her moorings in Two Tree Channel near Niantic Bay, Connecticut. Too deep and too old to salvage, the submarine was struck from the Naval Vessel Register on Sept. 11, 1919.
  - July 31, 1959 | President Dwight D. Eisenhower responds to Secretary of the Navy William B. Franke's recommendation to name 3 SSBNs: USS Sam Houston, USS Thomas A. Edison and USS John Marshall.

## Ballistic missile headquarters opens in Titusville

Not Attributed, WESH.com, July 30

TITUSVILLE, Fla. -- With the hoisting of a flag on Monday, Titusville became the headquarters for a major United States Navy missile program.

The military launch business means hundreds of new, high-paying jobs.

Many people don't even realize the Navy tests its long-range submarine-launched missiles just off the Central Florida coast.

The Trident-two missile, capable of carrying 14 nuclear warheads, is an unimaginably destructive force that the Navy says prevents any adversary from starting a nuclear war.

Missile-builder Lockheed Martin raised the flag on its new headquarters for the missile program in Titusville.

Titusville is close to the missile test-launching site off the Cape, and a far cheaper place to live than the previous headquarters in the land of sky-high real estate, California. So, while the company likes the tax advantages and business climate, employees love the new location.

Within a couple of years, Lockheed Martin expects to have up to 1,100 missile employees in Brevard County.

They will fill up three buildings.

With the Navy building a new class of submarines to carry the missiles, the crew at the headquarters expects to be in business there until at least 2084.

Lockheed Martin is investing \$40 million in the Titusville area, not including salaries.

## Navy in deep water over lack of crew to operate \$50bn subs

Ben Packham, *The Australian*, July 29

A review of navy planning warns fundamental changes will be needed to ensure sufficient crews for the nation's \$50 billion next-generation submarines, including better pay, family-friendly conditions and recognition of submariners as an elite force.

The independent report, obtained under Freedom of Information laws, warned that doubling the submarine force from six Collins-class to 12 Attack-class boats posed significant challenges requiring "far-reaching" changes to training and posting of submariners. The paper comes as the navy struggles to find sufficient personnel to crew the vessels it already has, with the Anzac-class frigate HMAS Perth in dry dock since 2017 because of a shortage of qualified sailors.

The authors, retired vice-admiral David Shackleton and Reserve Rear Admiral Boyd Robinson, said allowing submariners to better balance their personal and professional lives was essential to finding and retaining talented Australians with multiple career options.

"Members of the submarine arm and, critically from a retention perspective, their families, will not unquestioningly accept they must unconditionally sacrifice their own aspirations for the duration of their navy service — even in an all-volunteer force," the review said.

A submarine engineering officer in his or her third year of service currently earns about \$114,000, including an \$18,309 submariners allowance and a \$13,991 service allowance.

The paper said new "targeted financial retention measures" could be required to ensure a "high rate of growth" in the submarine workforce.

However, it warned pay rises were not the long-term primary solution: "A simple and effective non-financial measure has been enforcing rules associated with respite from sea service."

The report said one weakness of the submariner training system was the deferral of "actual submarine suitability testing" until "later in the training continuum".

"Considerable investment may therefore be lost if a sailor fails the rigorous submarine suitability testing and training because there is not always opportunity for these sailors to complete their specialist training and qualification in the surface fleet," the report said.

Improved career paths were needed, along with recognition of submariners as belonging to a special class of naval officers.

Efforts to boost the Collins-class submarine workforce had been broadly successful, but future workforce shortages would not be addressed through traditional transfers elsewhere in the navy, the review said.

"We believe one of the fundamental changes required is for officers of the submarine arm to be inducted, trained and retained as a full naval career," it said.

"The demands on these officers are such they must be regarded differently from members of the wider navy for their unique skills and experience."

The report said that as of July 1, 2018, the nation's submarine workforce stood at 780 — sufficient to maintain five Collins-class crews. It said this was a "remarkable achievement" considering five years earlier it had just 497 submarine personnel.

Centre Alliance senator Rex Patrick said the navy had done well to address the shortage of submariners but delivering the extra workforce required to crew the future submarines would be a huge undertaking.

"It's hard to get blood out of a stone

once, much less twice. This is Australia's largest defence acquisition program. It is loaded with performance, schedule and price risks," he said.

"If we are fortunate enough to pull this off, the last thing we need are submarines tied up at the wharf because there aren't enough trained crew."

Defence Minister Linda Reynolds said Defence was undertaking long-term workforce analysis and planning to support the navy's future submarine and surface forces. "Navy has already made good progress toward an increased workforce with initial entry training courses at near maximum capacity. Navy's recruitment targets have increased by 40 per cent since early 2018," she said.

Defence's incoming government brief, obtained by Senator Patrick, also revealed personnel recruitment and retention remained key challenges.

The brief said despite a "relatively calm and stable maritime environment", the navy's "funded strength had reduced by 30 per cent over the two decades from 1982 to 2002".

The ability to service a ship or submarine at sea was described in the brief as being "fundamentally different to most professions".

"It requires technically competent, highly trained, fit and motivated people who are ready to go to sea and operate remotely — often without connectivity with loved ones for extended periods."

The Australian Strategic Policy Institute has also raised an alarm over Australian Defence Force numbers, finding it had failed to achieve "modest" personnel recruitment goals laid out in the most recent defence white paper, published in 2016. "Overall, it's only increased by 600 actual people against a target of around 1730 over the period since the white paper," it said in a June 5 briefing.

## Royal Navy Officer earns dolphins aboard USS Colorado

MC1 Steven Hoskins, The Dolphin, July 25

A Royal Navy officer earned the honor to wear the submarine warfare insignia during a ceremony at Naval Submarine Base, Groton, Connecticut, July 2.

Lt. Stephen Cox, a foreign exchange officer from the United Kingdom Royal Navy, qualified submarine after six-months of serving aboard the Virginia-class, fast-attack submarine USS Colorado (SSN 788).

The submarine warfare device, known as "dolphins" or "fish", is a uniform breast insignia worn by U.S. Navy Sailors and officers after successfully completing a rigorous qualification. The process includes months of study on all submarine systems and damage control methods, culminating in a qualification board that tests thorough knowledge of submarine construction and operations.

The commanding officer of USS Colorado, Cmdr. Jason Geddes, spoke about Cox's determination when presenting him with the warfare device.

"After only serving aboard approximately six-months, the hard work and effort it took to get his dolphins is pretty amazing. That just goes to show how much he has worked for it and how excited he is to be working with us, the United States Navy," said Geddes. "He has endeared himself to the crew; pretty much everyone on the ship respects Lt. Cox."

Earning the right to wear the insignia can be a very special moment for anyone who serves on a submarine. It signifies to the crew that that Sailor can be relied upon, and it highlights intuitive, professional pride and dedication.

"Earning dolphins shows that a Sailor can be trusted under high-stress situations, has high technical and leadership skills, responds to any situation and keeps the ship safe to do her mission," said Geddes.

During the ceremony Cox thanked the crew and expressed his gratitude to those who helped him earn his dolphins.

"I always wanted to see what serving with other submariners would be like, now I can say you're loyal, kind, and welcoming as long as people work hard," said Cox. "It has been an absolute privilege to serve with you and say that I wear our dolphins. And I will continue to do so when I return back to the U.K."

Cox is only the fifth Royal Navy officer to earn their dolphins aboard a U.S submarine.

The history of the submarine warfare insignia dates back to June 13, 1923. Captain Ernest J. King, Commander, Submarine Division Three, recommended the qualification to the Secretary of the Navy via the Bureau of Navigation. On March 20, 1924, the Chief of the Bureau of Navigation recommended the concept to then Secretary of the Navy, Theodore Roosevelt, Jr. who approved the design. Today the insignia of the U.S. submarine service is identified by two dolphins flanking a submarine. The Dolphins were chosen to represent the submarine service because of the similarity in which they dive and surface.

## **Retired Submariner Files Lawsuit Seeking Records on USS Thresher Sinking**

Julia Bergman, The Day, July 24

A retired submariner has filed a Freedom of Information Act lawsuit against the Navy, seeking records relating to the sinking of the USS Thresher more than 56 years ago.

James Bryant, 70, a retired Navy captain living in San Diego, Calif., said the information could help shed light on possible causes for the sinking that have not been made public. He filed the suit July 5 in U.S. District Court in Washington, D.C.

Bryant, who has publicly questioned the Navy's explanation of what happened, said that publicizing previously undisclosed information will allow experts, historians and the public to study the facts and evidence about the loss of the Thresher and the government's subsequent investigation. He is seeking, among other documents, the transcript, exhibits, photographs, charts, graphs, memoranda and technical reports produced during the investigation into the submarine's loss by a Naval Court of Inquiry in April and May of 1963.

"The intent is to inform the public that the loss of THRESHER may have resulted from the United States Government's intentional or unintentional failure to use appropriate precautions due to the tremendous pressure it was under to advance United States technology during an intense period of military-geopolitical competition with the Soviet Union," the lawsuit says.

The Navy did not respond to a request for comment by publication time.

On the morning of April 10, 1963, the Thresher reported by underwater telephone to the USS Skylark, designated as an escort to the submarine during sea trials, that it was starting a deep dive test.

Nearly 90 minutes later, the Thresher reported to the Skylark a message along the lines of: "Experiencing minor difficulties. Have positive up angle. Am attempting to blow. Will keep you informed," the disaster inquiry says.

Three minutes later, the Skylark received a garbled message believed to contain the words "... test depth," the inquiry says.

The Thresher sank approximately 220 miles east of Cape Cod. Everyone aboard -- 16 officers, 96 sailors and 17 civilians -- died.

The investigation by the court of inquiry found that the most likely cause of the sinking was catastrophic flooding from a ruptured seawater pipe in the engine room of the submarine.

Bryant, in his lawsuit, cites several works that debunk this explanation including that of his friend, Bruce Rule, a naval acoustic expert who testified during the investigation. Rule believes there was no flooding because the sounds of high-pressure water hitting the inside of the submarine were not detected during the analysis of acoustic data.

The Navy, at one point, planned to release more documents about the sinking of the Thresher and of the USS Scorpion in May 1968, according to a February 2012 memo from Rear Adm. Barry Bruner, then the director of the Navy's Undersea Warfare Division. The Day obtained the memo through a Freedom of Information request in 2018.

"This office no longer intends a one-time public release of all records associated with USS Scorpion and USS Thresher, and will not establish an electronic reading room on the Naval History and Heritage Command website," the memo says.

It goes on to say that the "material is mostly technical in nature, largely pertains to the subsequent search efforts, and does not contribute to any better understanding of the losses of USS Scorpion and USS Thresher. The publicity associated with such a release, and especially since the material does not add significantly to the historical record or provide any additional closure, will be unnecessarily traumatic for the remaining families and next of kin."

The memo says that the records are subject to "systemic declassification reviews," and that about 75 percent of the records have been declassified and are available for public release through FOIA.

Bryant contends that he has not received any of the documents he's requested on the Thresher through FOI requests, hence the lawsuit. He said he was hoping to get the documents before the dedication ceremony in late September for a memorial at Arlington National Cemetery honoring the Thresher crew -- "a fitting time to re-examine the loss."

Kevin Galeaz, who spearheaded efforts to erect the memorial, said the families are mixed on whether they want to re-examine the loss. Some still are curious about what happened, while others see no value in releasing more information to the public, he said.

"One of the family members said to me that the people who need this information have it and that is the people who build, operate and maintain our submarines," Galeaz said.

## **13 U.S. subs frequent waters off Vancouver Island**

Travis Paterson, Peninsula News Review, July 15

The photo by a Sooke tour guide of a U.S. submarine surfacing in the waters of the Salish Sea earlier this week caught the interest of many.

What made it so interesting, to some, is how often an underwater U.S. Navy vessel that cost about \$2 billion to build can be seen in the waters off southern Vancouver Island.

More than we realized.

Turns out there are 13 subs, all nuclear powered, stationed out of the nearby Naval Base Kitsap-Bangor, also referred to as the Bangor Trident Base. The direct distance (as the raven flies) is about 55 miles, or 88 kilometres, from Ogden Point to the Kitsap-Bangor base.

"We can confirm it was a U.S. submarine conducting a routine transit through the Strait of Juan de Fuca, parts of

**Crash Dive Base  
Rondout - Lake Bluff, IL**

which are in Canadian water,” noted spokesperson Lieut. Mack Jamieson, public affairs officer for the U.S. Navy’s Submarine Group 9.

The submarine recorded by tour boat operator Paul Pudwell is believed to be one of 10 Ohio class nuclear-powered ballistic missile-launching subs that make up Submarine Group Nine, all stationed out of Kitsap-Bangor. They are broken up into two squadrons, Squadron 17 features the USS Henry M. Jackson, USS Alabama, USS Nevada, USS Pennsylvania, USS Kentucky, USS Maine and USS Louisiana, while Squadron 19 features the namesake Ohio-class USS Ohio, USS Michigan, and the USS Nebraska. The Ohio subs are all built previous to 1997 and some have been in Bangor since the early 1980s.

Kitsap is also home to a trio of Seawolf class nuclear-powered attack subs (the SS Seawolf, USS Connecticut and USS Jimmy Carter), all built before 2005.

The reality is the U.S. Navy deploys submarines on missions all over the world and throughout the year, all from its Naval Base Kitsap in the Hood Canal.

Most missions are six months long.

The Ohio class subs cost about \$2 billion to build while the Seawolf class cost about \$3 billion each. Up to 150 officers and crew members man the subs.

Kitsap also hosts two aircraft carriers, the USS Nimitz and the USS Carl Vinson, when they are not deployed to places such as the Persian Gulf. Each has a crew of about 6,000, cost about \$4.5 billion and have about 90 jet fighters on board.

Paul Pudwell, the guide who filmed the sub earlier this week, said he sees about 20 submarines surface each year, as he’s on the water at least 200 out of 365 days. His video of the sub quickly picked up 8,000 views, mostly in Canada, with many interested in what kind of sub it was.



### Crash Dive Base Contact Information

Commander – Clayton Hill, 195 Clover Lane, Cedarburg, WI 53012;

[clay53012@yahoo.com](mailto:clay53012@yahoo.com)

Vice-Commander – Greg Miller, 964 Fischer Drive, Addison, IL; (630)543-7855 or

[fourkats4me@yahoo.com](mailto:fourkats4me@yahoo.com)

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

Treasurer – Glenn C. Barts, Sr., 2000 Jamestown Drive, Palatine, IL 60074; 847-934-7418; [gcbarts@msn.com](mailto:gcbarts@msn.com)

COB – Larry Warnke, [l\\_warnke@msn.com](mailto:l_warnke@msn.com)

Chaplain – Cris Pascual; [crispases@aol.com](mailto:crispases@aol.com); 285 Southridge, Gurnee, IL 60031; 847-855-0772

Membership – Tom Polzin, 1305 Winslow Circle, Woodstock, IL 60098; 847-867-8668; [tapolzin@aol.com](mailto:tapolzin@aol.com)

Storekeeper – Herman Mueller, 503 Lynn Terrace, Waukegan, IL 60085; 847-445-5034; [hermanandlorimueller@comcast.net](mailto:hermanandlorimueller@comcast.net)

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# 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 1<sup>st</sup> thru Dec 31<sup>st</sup>. 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 (\_\_\_\_\_) \_\_\_\_\_  
**Who is your sponsoring USSVI Regular Member?:** (Mandatory for Assoc Mbrs) \_\_\_\_\_  
 Associate Applicant is:  Veteran  Spouse of Veteran  Other (specify) \_\_\_\_\_

## 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 or mail this form, including your National and Base membership DUES (payable to 'Crash Dive Base') to Crash Dive Membership Chairman Tom Polzin, 1305 Winslow Circle, Woodstock, IL 60098; 847-867-8668