

Steel Valley Dolphins

Monthly Newsletter



<https://www.seaforces.org/usnships/ssn/SSN-708-USS-Minneapolis-St-Paul.htm>



USS Minneapolis-St. Paul SSN-708



The USSVI Requin Base supports the National Creed

"To perpetuate the memory of our shipmates who gave their lives in the pursuit of 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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Meeting Information

Meetings are held on the second Saturday of the month, normally at the Baden PA American Legion. Quarterly meetings are held around our membership area.

Our next meeting will be

June 14, 2025 @ 1230 hours

At American Legion Post 290, Columbiana, OH

Base Location



American Legion Post 641
271 State St
Baden PA 15005

From the Editor

Please send ideas for articles or copies of articles, with full credit information to me for consideration of submission in the SVD.

We are a SUBMARINE group. As such, the articles should be SUBMARINE or NAVY related.

Frank T. Vereb - fvereb2@gmail.com

MAKE A DIFFERENCE, ATTEND A MEETING!

Our Website

For additional information about what is happening at **YOUR** base, go to

<https://www.requinbase.org/>



USSVI National Officers

Office	Officer	Phone	eMail
National Commander	Jon Jaques	615-893-7800	jjaques@bellsouth.net
Senior Vice Commander	Timothy Carlisle	925-812-4239	timothywcarlisle@gmail.com
Junior Vice Commander	Thomas Williams	512-632-9439	texsubvet@yahoo.com
Secretary	David Farrugia	813-951-1898	DFarrugia@tampabay.rr.com
Treasurer	John Sidlovsky	757-328-9796	treasurer.ussvi.hrb@gmail.com
Past Commander	William Andrea	561-790-1287	wcandrea@bellsouth.net
Chaplain	James Sandman	615-975-4792	Jsandman85@gmail.com
Region Director Northeast	Jeffrey Walsh	860-449-2103	Neregiondir@yahoo.com
District Commander EN3	Thomas Denton	301-845-0049	gcmfish@verizon.net
National Office	Sharon Walsh	360-337-2978	ussvi@telebyte.net



USS Requin Base Officers

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Base Commander	Lou Hamill	412-445-3998	itgeek8088@gmail.com
1st Vice Commander	Vince Metz	412-613-5554	vincemetz007@hotmail.com
2nd Vice Commander	George Brown	724-622-5800	gandcbrown@gmail.com
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Treasurer	Lee M. Bookwalter	412-795-8337	booky143@verizon.net
Storekeeper	Frank Nicotra	412-835-6540	nicotrafank@gmail.com
Chaplain	Eric Bookmiller	724-485-2341	ebookmiller@comcast.net
Past Base Commander	Hubert C. Dietrich	412-486-2635	hueyfromglenshaw@aol.com
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Holland Club Chairman	Joe Campisi	412-322-3201	jcampisi654@comcast.net
Asst. Holland Club	Dick Geyer	724-822-0401	dgdiving@gmail.com
Technology Chair	Lou Hamill	412-445-3998	itgeek8088@gmail.com
Eagle Scout Chair	John Held	724-331-2479	petecompost@aol.com
Awards Chair	Dick Geyer	724-822-0401	dgdiving@gmail.com
Public Affairs Chair	Ed Derr	724-854-0781	rredde@gmail.com
Kap(SS)4Kid(SS) Chair	Bob Meyers	724-282-1524	jmeyers01@zoominternet.net



Tolling of the Boats for May

USS Lagarto (SS-371)

Lost on May 3, 1945 with the loss of 86 men near the Gulf of Siam. On her 2nd war patrol, she is believed to have been lost to a radar equipped minelayer. This minelayer was sunk by the USS Hawkbill (SS-366) 2 weeks later.

USS Scorpion (SSN-589)

USS Scorpion (SSN-589) was returning to Norfolk, VA from a Mediterranean deployment. On May 22, 1968 she reported her position to be about 50 miles south of the Azores. Scorpion was never heard from again. The exact cause of her loss has never been determined. 99 officers and men were lost.

USS Squalus (SS-192)

On May 23, 1939 USS Squalus suffered a catastrophic valve failure during a test dive off the Isle of Shoals. Partially flooded, the submarine sank to the bottom and came to rest keel down in 240 feet of water. Commander Charles Momsen and Navy divers on the USS Falcon (ASR-2) rescued 33 survivors using the diving bell he invented. 26 men drowned in the after compartments. Later Squalus was raised and re-commissioned as the USS Sailfish. In an ironic turn of fate, Sailfish sank the Japanese aircraft carrier carrying surviving crew members from Sculpin, which had located Squalus in 1939. Only one of them survived after spending the rest of the war as slave laborers in Japan.

USS Stickleback (SS-415)

Lost on May 28, 1958 when it sank off Hawaii while under tow after collision with USS Silverstein (DE-534). The entire crew was taken off prior to sinking.



Submarines commissioned during the month of May

Boat	Commissioned	<u>Wikipedia</u>	<u>NavSource</u>	<u>Eternal Patrol</u>
Grampus SS-4	5/28/1903	Wikipedia	NavSource	
Pike SS-6	5/28/1903	Wikipedia	NavSource	
F-4 SS-23	5/3/1913	Wikipedia	NavSource	Eternal Patrol
L-4 SS-43	5/4/1916	Wikipedia	NavSource	
O-4 SS-65	5/29/1918	Wikipedia	NavSource	
R-6 SS-83	5/1/1919	Wikipedia	NavSource	
S-2 SS-106	5/25/1920	Wikipedia	NavSource	
S-6 SS-111	5/17/1920	Wikipedia	NavSource	
S-29 SS-134	5/22/1924	Wikipedia	NavSource	
S-31 SS-136	5/11/1922	Wikipedia	NavSource	
S-38 SS-143	5/11/1923	Wikipedia	NavSource	
S-50 SS-161	5/20/1922	Wikipedia	NavSource	
Bonita SS-165	5/22/1926	Wikipedia	NavSource	
Narwhal SS-167	5/15/1930	Wikipedia	NavSource	
Grampus SS-207	5/23/1941	Wikipedia	NavSource	Eternal Patrol
Grenadier SS-210	5/1/1941	Wikipedia	NavSource	Eternal Patrol
Guardfish SS-217	5/8/1942	Wikipedia	NavSource	
Bluefish SS-222	5/24/1943	Wikipedia	NavSource	
Bonefish SS-223	5/31/1943	Wikipedia	NavSource	Eternal Patrol
Herring SS-233	5/4/1942	Wikipedia	NavSource	Eternal Patrol
Kingfish SS-234	5/20/1942	Wikipedia	NavSource	
Wahoo SS-238	5/15/1942	Wikipedia	NavSource	Eternal Patrol
Bowfin SS-287	5/1/1943	Wikipedia	NavSource	
Cabrilla SS-288	5/24/1943	Wikipedia	NavSource	
Cisco SS-290	5/10/1943	Wikipedia	NavSource	Eternal Patrol
Baya SS-318	5/20/1944	Wikipedia	NavSource	
Becuna SS-319	5/27/1944	Wikipedia	NavSource	
Chopper SS-342	5/25/1945	Wikipedia	NavSource	
Hawkbill SS-366	5/17/1944	Wikipedia	NavSource	
Segundo SS-398	5/9/1944	Wikipedia	NavSource	
Sea Cat SS-399	5/16/1944	Wikipedia	NavSource	
Sea Devil SS-400	5/24/1944	Wikipedia	NavSource	
Trepang SS-412	5/22/1944	Wikipedia	NavSource	
Irex SS-482	5/14/1945	Wikipedia	NavSource	
Wahoo SS-565	5/30/1952	Wikipedia	NavSource	
Permit SSN-594	5/29/1962	Wikipedia	NavSource	
Pollack SSN-603	5/26/1964	Wikipedia	NavSource	
John Marshall SSBN-611	5/21/1962	Wikipedia	NavSource	
John Adams SSBN-620	5/12/1964	Wikipedia	NavSource	
Tecumseh SSBN-628	5/29/1964	Wikipedia	NavSource	
Pogy SSN-647	5/15/1971	Wikipedia	NavSource	

Silversides SSN-679	5/5/1972	Wikipedia	NavSource
William H. Bates SSN-680	5/5/1973	Wikipedia	NavSource
Jacksonville SSN-699	5/16/1981	Wikipedia	NavSource
Albuquerque SSN-706	5/21/1983	Wikipedia	NavSource
Norfolk SSN-714	5/21/1983	Wikipedia	NavSource
Salt Lake City SSN-716	5/12/1984	Wikipedia	NavSource
Alabama SSBN-731	5/25/1985	Wikipedia	NavSource
Hawaii SSN-776	5/5/2007	Wikipedia	NavSource
North Carolina SSN-777	5/3/2008	Wikipedia	NavSource
Oregon SSN-793	5/28/2022	Wikipedia	NavSource



[An A-3 Polaris fired from USS *Woodrow Wilson* \(SSBN-624\) on October 15, 1969 with USS *Lowery* \(DD-770\) and USS *Observation Island* \(AG-154\) in background.](#)



Binnacle List

Eternal Patrol

In Remembrance

None	None	Donald A. Tamburello	TM1(SS)	5/5/1999
		Edmund John Figas	MOMM3(SS)	5/2/2012
		James A. Varney	E5	5/15/2014
		Richard R. Tate	MM2(SS)	5/15/2015
		John W. Yaksich	RD3(SS)	5/19/2017
		Robert W. Lindsay	MMCM(SS)	5/31/2017
		George Stass	ETC (SS)	5/13/2023

Birthdays

Member

Spouse

Anniversaries

Frank Nicotra	6/1
Joseph Monteleone	6/6
William Rodgers	6/11
Alexander Hamill	6/12
James Messer	6/14
Jim Wiehagen	6/14
Kenneth Crosby	6/15
Sandra Ellis	6/17
John Sutherin, Jr	6/17
John Lukasik	6/18
Robert Lindsey	6/21
Frank Vereb	6/22
John Sipes Jr.	6/23
M. David Cochenour II	6/25
Joseph Campisi	6/29
Richard McCullough	6/29

Robert Carman	6/2
Christina (Tina) Wyckoff	6/2
Sheila Burdin	6/4
Tammy Duffy	6/6
Mary Beth Flaugh	6/6
Kathy Wood	6/6
Danielle Greenwald	6/7
Sandy Hamill	6/8
Adriana Hoag	6/13
Mary Jane Derr	6/16
Karen Keys	6/18
Elizabeth Bistolos	6/29

Nancy & Clair Bouts	6/1
Vivian & John Mack	6/1
Deborah & Steven Kerch	6/3
Nancy & Charles Loskoch	6/6
Kelly & Stephen McKinney	6/7
Kimberly & John Swords	6/7
Adele & Herbert Wise	6/10
Holly & John Sipes Jr.	6/12
Patricia & Ronald Goron	6/14
Kathy & Robert J. Schmidt	6/14
Vicky & Aubrey Smith	6/15
Donna & C. William Greenlee	6/16
Stephanie & Peter Foster	6/17
Elaine & Daniel Plunkett	6/18
Carmella & Michael Markel	6/21
Helga & Larry Iden	6/30





Shipmates,

Once again, I would like to thank all those that were able to make it to the May meeting.

I would like to thank Bob Meyers for stepping up to be the Kap(SS)4Kid(SS) coordinator. We will now begin the process of seeking out local foundations that can assist us in attaining our goals.

We are still in need of a Chaplain. Eric Bookmiller is continuing his responsibilities at the meetings until a replacement is appointed. The Chaplain position requires the individual to oversee the spiritual needs of the base at meetings, memorials, funerals and other times of need.

Vince Metz is looking for shipmates to help plan an annual social picnic. If you are interested in assisting, please contact Vince.

We have a busy time ahead of us. Below are the upcoming events and **START TIMES**.

5/25	10:00 AM Tolling of the boats onboard USS Requin SS-481
5/25	2:00 PM Carnegie Parade meet at the municipal building parking lot.
5/26	10:00 AM Sewickley Parade meet at the flagpole at Broad Street and Frederick Avenue
5/26	10:00 AM Lawrenceville Parade starts at 36th and Butler
5/26	1:30 PM Coraopolis Parade meet at the park & ride between 4 th & 5 th street.

The Wall That Heals is coming to Shaler Township over Memorial Day Weekend.

Friday, May 23 - Monday, May 26, 2025

Anderson Field at the Shaler Area High School

1350 Anderson Road, Pittsburgh 15209

The Wall That Heals is a 3/4 size replica of the Vietnam Veterans Memorial in Washington, D.C. that travels throughout the country along with a mobile Education Center. The Wall will be coming to Shaler Township over Memorial Day Weekend at Anderson Field at the Shaler Area High School. Additional information about The Wall is available using the link below.

<https://www.vvmf.org/The-Wall-That-Heals/>



Meeting Minutes

These are the minutes as recorded at the base meeting and are not edited or moderated by the newsletter editor. You can address any issues or concerns in the minutes with the base secretary.

Requin Base Meeting Minutes
May 10, 2025
American Legion Post 641 Baden PA

Base Commander Lou Hamill called the meeting to order.

Attendees: Mike Allen, Eric Bookmiller, Lee & Patsy Bookwalter, Don Bright, Joe Campisi, Huey & Edie Dietrich Joe Elyard, Lyle Farmer, Dick & Beverly Geyer, Bob & Lynn Gourley, David Halliday, Lou Hamill, John Held, Jean Lemieux, Jim & Charlene List, Vince Metz, Bob & Jude Meyers, Frank Nicotra, Chuck Shrumpp, Jeff & Eileen Simon, Jack Sutherin, Chad Underkoffler, Frank Vereb, Andy & Emma Wolbrueck.

COB Bob Meyers led the Pledge Of Allegiance.

Base Commander Lou Hamill: We dedicate this meeting to our Shipmates on Eternal Patrol, to perpetuate their memories in our lives and to honor our Shipmates on active duty in the service of the first line of defense of our Nation. Let us at this time, with a moment of silent prayer, remember our Shipmates who made the supreme sacrifice that we may gather here in Peace.

Boats Lost:

USS LAGARTO (SS 371) May 3, 1945

USS SCORPION (SSN589) May 22, 1968

USS SQUALUS (SS 192) May 23, 1939 (Re-commissioned as USS SAILFISH (SS 192) 1940)

USS STICKELBACK (SS 415) May 30, 1958

We also remember our departed shipmates of the Requin Base: George Staas, Robert Lindsay, John Yaksich, Richard Tate, James Vamey, Ed Figas, and Donald Tamburello. Let us also remember the brave submariners who died performing their duties aboard submarines, some individually and some in groups, but where the submarine itself was not lost.

Chaplain Eric Bookmiller gave the Invocation.

Quote Of The Day: "Try to be a rainbow in someone's cloud."

Requin History: May 1, 1949, Requin sailed east for her first deployment with the Sixth Fleet. May 14, 1949, arriving at Gibraltar, Requin operated in the Mediterranean Sea. May 2, 1955, Requin sailed for her 5th Mediterranean deployment. Detached at the end of July, she returned to Norfolk VA and remained on the east coast with cruises to the Caribbean until November 1957 when she resumed duty with the Sixth Fleet. May 28, 1968, Requin departed Norfolk VA as part of search efforts for the missing nuclear attack submarine Scorpion SSN-589. May 24, 1990, Requin was towed to Tampa Shipyard for dry docking and hull repairs in preparation for her move to Pittsburgh PA.

Members introduced themselves and the boats they served on.

Secretary Jeff Simon reported that Minutes of the previous base meeting were published in the SVD. With no objections, the minutes were approved as published.

Treasurer Lee Bookwalter gave an accounting of base assets, expenditures, and deposits. With no ob-

jections, the report was approved.

Other Reports:

Binnacle List: None

Eternal Patrol: None

Base membership stands at 203

Storekeeper

Eagle Scouts presentations

Floats: both are ready for upcoming events

Mush Morton Award

Past Events:

Fish Rodeo was attended by Base members and the Nautilus float

Standdown at Baden American Legion Post 641.

Upcoming Events:

May 23 & 26 - Vietnam Wall, Shaler Anderson Field (Nautilus float will not attend as previously planned)

May 25 - 1000 hours, Tolling of the boats onboard USS Requin SS-481

May 25 - 1400 hours, Carnegie parade

May 26 - 1000 hours, Sewickley parade with Nautilus float

May 26 - 1000 hours, Lawrenceville parade with People Mover float

May 26 - 1330 hours, Coraopolis parade with both float

June 14 – 1230 hours, Base meeting Columbiana OH

Old Business:

A volunteer is needed to replace Eric Bookmiller as Base Chaplain.

Bob Meyers has volunteered to be coordinator for Kaps(SS)4Kid(SS) program.

Vince Metz is looking for assistance in planning for an annual picnic for base members and their families.

USS Requin Base Scholarship program information is now on the base website. One application has been received. The submission of applications will close on June 15.

New Business:

Veteran's Breakfast Club advertisements.

Brentwood has invited the Base to attend their July 4th parade.

Good of The Order:

None

Chaplain Eric Bookmiller gave Benediction.

Adjournment: The meeting was adjourned.

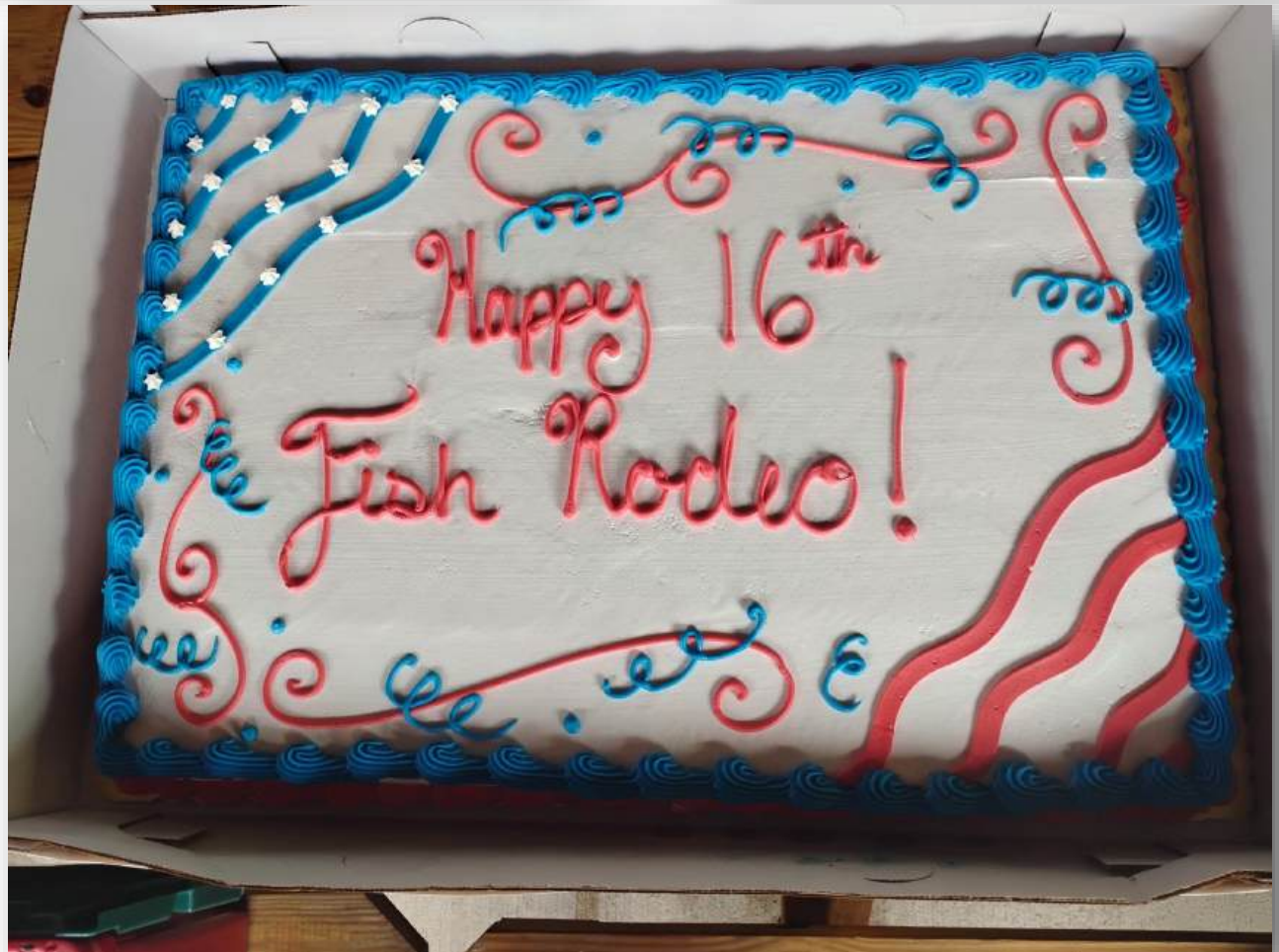
Next meeting: American Legion Post 290 in Columbiana OH at 1230 hours on June 14, 2025



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H



RODEO!!





Requin Base supports **Stand Down!**

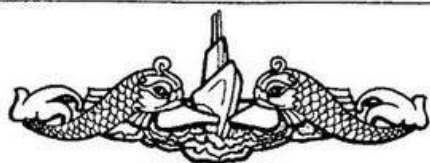




Mike Allen speaks at a Four Chaplins Ceremony ...

...and plays TAPS! Great work, Mike!





Submarine Sailors Never Retire

His tour of duty may be over, but he never retires, his enlistment never ends. The friendships made over the years on submarines are true and everlasting. Boat reunions help recall memories of friends from the past and stories of many good times enjoyed, as well as some that perhaps should be left as the experiences of war. Conventions bring the submarine family together, a family bursting with pride, love, and friendship.

The smell and taste of diesel fuel are gone, the orders to single up all lines, to haul in the gangway or station the maneuvering watch are no more part of his life, and the final diesel boat retired, but his pride and interest in submarines is just as strong. Those who have had the opportunity to venture aboard a nuclear submarine or go to sea on one, must admire the young sailors of today. Their friendship and eagerness to show off their boat can take you back to your first boat. Yes, the pride is still there. This is his boat, his home, his time he will remember.

When the unfortunate losses of the U.S.S. Thresher and the U.S.S. Scorpion were announced, and the sailors of the U.S.S. Bonefish lost their lives, every submariner's heart went out to those shipmates and their families.

They were a part of us and we care.
No, a submariner's enlistment never ends.
A submarine Sailor





PCU Idaho SSN - 799



<https://ussidahocommittee.org/>



<https://www.sublant.usff.navy.mil/SSN799/>



Shipwright Shop

Here is the link to the customer photos.
<https://requinbase.org/customer-photos/>



If you would like any of these items, contact Huey Dietrich or Frank Nicotra.

You may also place your order for these and other items at a base meeting.



Chaplain's Column

Greetings to all my fellow Requin Base shipmates, spouses, and associate members.

As always, I would like to ask everyone to keep those on the binnacle list in our thoughts and prayers this month.

Remember we are only as good as the information we get. If we don't know of a member passing, we cannot provide the appropriate honors for a fallen shipmate. If you know anyone who is sick or goes on eternal patrol, please give me a call at 724-485-2341 or email at ebookmiller@comcast.net. If you call and I don't answer, please leave a message. This is a land line phone so do not text this number.

If you wish to be placed on the binnacle list but do not want to disclose the specifics, I will maintain your confidentiality.

Eric Bookmiller



Store Keepers Report

Please visit our online store at

<https://requinbase.org/shop/>

You can have your items shipped to you at home via USPS [for a small fee], or pick them up at the next USSVI meeting.



Eagle Scouts

Please direct all Eagle Court of Honor requests to <https://requinbase.org/eagle-coh>





Say What???

Sonar Stack - A so-called “stack” of sonar displays housed in the Sonar Shack from which ST’s are able to detect and classify contacts. Some models allow the ST to detect “singing” from enemy vessels, as shown in the fine and accurate documentary, “The Hunt for Red October.”

Port and Starboard (aka Port and Stupid) - A slang description of a 2-party watch rotation wherein one party is on watch while the other sleeps. Can also be applied to duty days if lacking qualified people.

4/4/4/6/6 - A fun variation of Port and Stupid, often mixed with drills and training. 4 on 4 off 4 on 6 off 6 on.



Upcoming Events

Meeting

June 14, 2025
1230 hours

American Legion Post 290
44403 State Route 14
Columbiana, OH 44408

Base activities

May 23 & 26 - Vietnam Wall, Shaler Anderson Field (Nautilus float will not attend as previously planned)
May 25 - 1000 hours, Tolling of the boats onboard USS Requin SS-481
May 25 - 1400 hours, Carnegie parade
May 26 - 1000 hours, Sewickley parade with Nautilus float
May 26 - 1000 hours, Lawrenceville parade with People Mover float
May 26 - 1330 hours, Coraopolis parade with both float
June 14 - 1230 hours, Base meeting Columbiana OH



Membership

Primary Members	171	Holland Club	104	USSVI Life Members	84
Secondary Members	13	WWII	1	Base Life Members	71
Associate Members	20	Eternal Patrol	84	Joined Last Year	5
Total Members	204			Joined This Year	2



New Members

Joe Elyard qualified on the Salt Lake City SSN-716 as an ET2. Joe lives in Bedford with his first mate. Please e-mail Joe and welcome him aboard - t340crawler@gmail.com



USS Minneapolis-St. Paul (SSN-708)

Battle Flag (c. 1997) [https://](https://www.navsource.org/archives/08/08708.htm)

www.navsource.org/archives/08/08708.htm

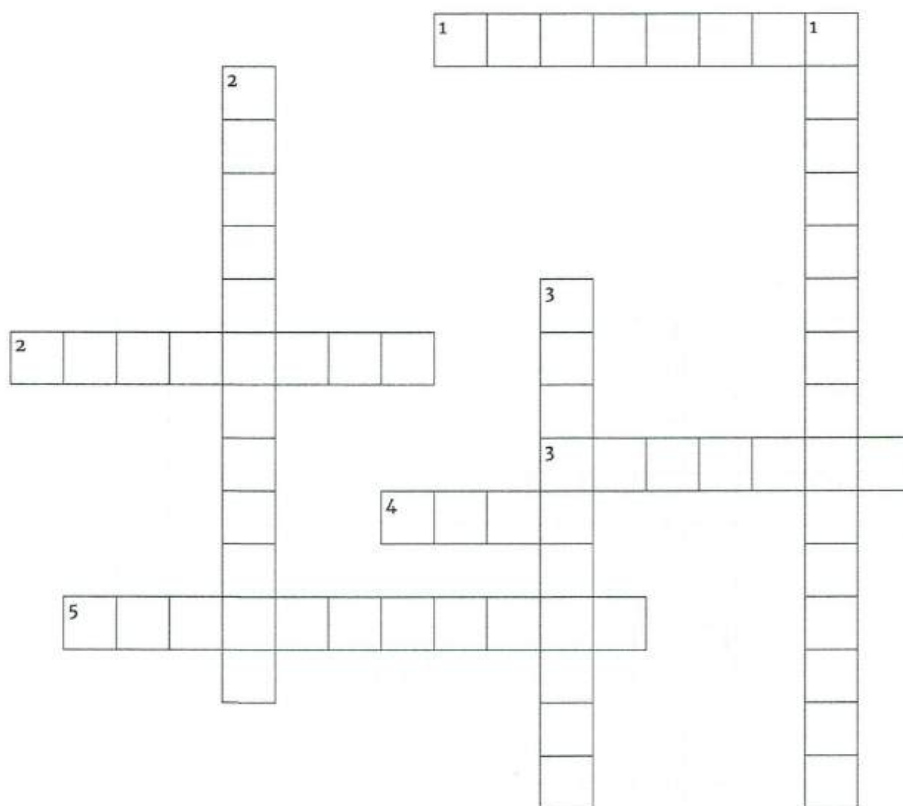
(2) Med Runs, (4) Battle "E", (5) MUCs, and (7) Cloak & Dagger Missions

In drydock at Newport News Naval Shipyard <https://www.seaforces.org/usnships/ssn/>

History	
Name	<i>Minneapolis-Saint Paul</i>
Namesake	Minneapolis-Saint Paul , Minnesota
Ordered	31 October 1973
Laid down	20 January 1981
Launched	19 March 1983
Commissioned	10 March 1984
Decommissioned	28 August 2008
Out of service	22 June 2007
Stricken	28 August 2008
Homeport	Pearl Harbor, HI
Status	Stricken, to be disposed of by submarine recycling.
General characteristics	
Class and type	Los Angeles-class submarine
Displacement	<ul style="list-style-type: none"> 5,695 tons light 6,068 tons full 373 tons dead
Length	110.3 m (361 ft 11 in)
Beam	10.0 m (32 ft 10 in)
Draft	9.7 m (31 ft 10 in)
Propulsion	1 × S6G reactor
Range	Unlimited distance; 20–25 years
Complement	12 officers, 98 enlisted



US Navy Crossword Puzzle 17



ACROSS

1. Lines Erected Around The Weather decks Of A Ship To Prevent Personnel From Falling Or Being Washed Over The Side
2. Candy, Gum, Or Cafeteria
3. Hospital Or Medical Clinic
4. L (Phonetic Alphabet)
5. Compartment In Which Anchor Chain Is Stowed

DOWN

1. Who Was The Youngest CPO Ever (Honorary)?
2. Birthplace Of The Navy
3. Hallway

Puzzle #17

FLATTOPS

M	G	S	R	G	I	Q	F	O	B	O	N	K	K	S
I	F	N	X	E	Y	X	L	Y	S	D	P	A	D	V
X	E	Y	I	Y	N	J	X	Z	K	S	F	W	D	S
P	R	M	Y	T	B	I	R	B	W	G	U	T	Y	U
C	S	B	I	H	R	G	R	E	M	D	M	B	S	I
S	E	W	J	L	U	O	S	A	W	L	Z	S	C	P
I	A	J	W	L	I	W	P	T	M	O	U	B	O	D
H	L	T	E	L	U	A	P	E	S	B	P	Y	R	W
P	V	R	J	Z	I	S	R	A	M	Z	U	A	P	H
U	Q	E	A	R	H	Z	F	Y	I	O	G	S	E	B
F	T	F	A	D	U	N	I	R	N	H	H	F	N	S
R	I	J	P	Z	M	U	L	T	I	R	O	L	E	S
F	C	N	S	L	Z	Y	N	O	S	T	U	D	A	U
W	O	Y	P	K	A	W	F	K	U	B	L	U	W	E
W	I	W	H	A	W	R	S	B	B	S	W	V	G	Q

EPAULET
HOMEPORING
MILIARY
MINISUB

MULTIROLE
RADM
SCORPENE
SEAPOWER

SUBMARINER

05/01/1943

USS Pogy (SS 266), in attack on a Japanese convoy, torpedoes and sinks the Japanese gunboat Keishin Maru off Iwaki, Japan.

05/02/1942

USS Drum (SS 228) sinks Japanese seaplane carrier, and USS Trout (SS 202) sinks a Japanese freighter off the southeast coast of Honshu.

05/02/1945

USS Springer (SS 414) torpedoes and sinks the Japanese frigate in the Yellow Sea and then sinks a Japanese coastal defense ship the next day.

05/03/1942

USS Spearfish (SS 190) evacuates naval and military officers, including nurses, from Corregidor before surrendering island to Japan.

05/03/2008

USS North Carolina (SSN 777) is commissioned at Port of Wilmington, N.C., before sailing for its homeport of Naval Submarine Base Groton in Groton, Conn.

05/05/2007

USS Hawaii (SSN 776) is commissioned at Groton, Conn. The Virginia-class submarine, the first to be named after the Aloha State, arrives at its homeport of Pearl Harbor July 23, 2009 following her maiden underway period.

05/10/1944

USS Cod (SS 224) attacks a large Japanese convoy and destroyer off the west coast of Luzon. USS Silversides (SS 236) attacks a Japanese convoy about 120 miles south-southwest of Guam.

05/10/1960

USS Triton (SSRN 586), commanded by Capt. Edward L. Beach, completes a submerged circumnavigation of the world in 84 days following many of the routes taken by Magellan.

05/14/1944

USS Bonefish (SS 223) attacks a Japanese convoy bound for Sibitu Passage, Borneo, and sinks Japanese destroyer Inazuma near Tawi Tawi, east of Borneo and survives counter-attacks by Japanese destroyer Hibiki. Also on this date, USS Aspro (SS 309) and USS Bowfin (SS 287) attack a Japanese convoy and sinks cargo ship Bisan Maru.

05/15/1969

The pre-commissioned submarine Guitarro (SSN 665) accidentally sinks while moored at U.S. Mare Island Naval Shipyard, Calif. Due to the damage, her commissioning date is rescheduled to Sept. 1972.

05/17/1942

USS Tautog (SS 199) sinks Japanese submarine I-28; USS Triton (SS 201) sinks the Japanese submarine (I 64), and USS Skipjack (SS 184) sinks a Japanese army transport ship.

05/20/1944

USS Angler (SS 240) sinks Japanese transport Otori Maru and survives depth charging by its escort, while both USS Silversides (SS 236) and USS Bluegill (SS 242) sink enemy vessels.

05/21/1983

USS Albuquerque (SSN 706) is commissioned at Submarine Base New London, Groton, Conn.

05/22/1968

USS Scorpion (SSN 589) is lost with her crew south-west of the Azores. In late Oct. 1968, her remains are found on the sea floor more than 10,000 feet below the surface by a deep-submergence vehicle towed from USNS Mizar (T-AGOR-11).

05/23/1939

USS Squalus (SS 192) suffers a catastrophic main induction valve failure during a test dive off the New Hampshire coast and is partially flooded, killing 26 crew members.

05/24/1939

Vice Adm. Allan McCann's Rescue Chamber is first used to rescue 33 men from the sunken USS Squalus (SS 192). Four Navy divers receive the Medal of Honor for their heroic actions on May 24-25 to rescue the trapped men.

05/25/1944

USS Flying Fish (SS 229) attacks a Japanese convoy and sinks guardboat Daito Maru and freighter Osaka Maru north of Palau.

05/25/1985

USS Alabama (SSN 731) is commissioned at Naval Submarine Base New London, Conn.

05/26/1943

USS Saury (SS 189) attacks a Japanese convoy south of Kyushu and sinks transport Kagi Maru, about 10 miles north of the Nansei Shoto. Also on this date, USS Whale (SS 239) sinks Japanese gunboat Shoei Maru (which is transporting men of the Guam Base Detachment) about 17 miles north-northwest of Rota, Mariana Islands.

05/27/1943

USS Runner (SS 275) departs Midway for her third war patrol but is never heard from again. Overdue and presumed lost in July 1943, she is struck from the Navy list that October.

05/28/1943

USS Peto (SS 265) sinks Japanese hydrographic-meteorological research ship Tenkai No.2 northeast of Mussau Island. Also on this date, USS Tunny (SS 282) sinks Japanese gunboat Shotoku Maru off the west coast of Rota, Mariana Islands.

05/28/1945

USS Ray (SS 271) sinks Japanese freighter Biko Maru northwest of Changshan. Also on this date, USS Blueback (SS 326) and USS Lamprey (SS 372) damage Japanese submarine chaser Ch1 in a surface gunnery action off Japara, N.E.I.

05/29/1945

USS Sterlet (SS 392) sinks Japanese army cargo ships Kuretake Maru and Tenyro Maru despite the close proximity of the escort Coast Defense Ship No. 65.

05/30/1944

USS Guitarro (SS 363) sinks Japanese freighter Shisen Maru, 60 miles south-east of Keelung, Formosa. Also on this date, USS Pompon (SS 267) sinks Japanese freighter Shiga Maru off Muroto Saki, Japan while USS Rasher (SS 269) sinks the gunboat Anshu Maru about 110 miles north-northeast of Halmahera.

05/31/1944

USS Barb (SS 220) and USS Herring (SS 233) attack Japanese shipping in the Sea of Okhotsk about 150 miles west of Matsuwa Island, Kuril Islands, sinking several ships.



U.S. Navy Plans Deployment of Sea-Launched Nuclear Cruise Missile for Submarine Fleet by 2034

By “Naval News Navy 2025”

Published 12 MAY 2025

The SLCM-N (Sea-Launched Cruise Missile-Nuclear) is envisioned as a nuclear-armed cruise missile deployable from Virginia-class attack submarines, offering a stealthy and survivable second-strike capability. Its development addresses the growing anti-access/area denial (A2/AD) strategies employed by adversaries, particularly in the Indo-Pacific region, where fixed land-based systems may be vulnerable. By leveraging the mobility and concealment of submarines, the SLCM-N enhances the U.S.'s ability to penetrate contested environments and maintain credible deterrence.

Strategically, the SLCM-N fills a gap in the U.S. nuclear triad by providing a theater-level nuclear option that does not rely on strategic bombers or intercontinental ballistic missiles. This flexibility is crucial in scenarios where proportional responses are necessary, and it strengthens extended deterrence commitments to allies. Moreover, the missile's deployment could complicate adversaries' defense planning, as distinguishing between conventional and nuclear-armed cruise missiles becomes challenging, potentially enhancing deterrence through ambiguity.



The U.S. Navy plans to reintroduce a nuclear-armed, sea-launched cruise missile by 2034 to enhance the strategic deterrence of its submarine fleet. (Picture source: U.S. DoD)

U.S. congress has allocated \$2 billion for the development of the SLCM-N and an additional \$400 million for its nuclear warhead, reflecting bipartisan support for modernizing the U.S. nuclear arsenal. This investment is part of a broader \$150 billion defense reconciliation bill aimed at enhancing strategic capabilities. Comparatively, Russia's development of the 9M730 Burevestnik, a nuclear-powered cruise missile with purported unlimited range, highlights a parallel pursuit of advanced nuclear delivery systems. While the Burevestnik remains in the testing phase with concerns over safety and reliability, the SLCM-N leverages existing technologies and platforms, potentially offering a more feasible and timely enhancement to the U.S. deterrent posture.

The SLCM-N's development occurs in a post-INF Treaty landscape, following the U.S.'s withdrawal in 2019 due to Russian non-compliance. This shift has led to a reevaluation of arms control frameworks and the pursuit of capabilities previously restricted under the treaty. The Trump administration's 2018 Nuclear Posture Review advocated for the SLCM-N to address regional deterrence gaps, a stance that has continued under subsequent administrations amid evolving threats.

Currently, the U.S. Navy's principal operational cruise missile is the Tomahawk Land Attack Missile (TLAM), specifically the Block IV and Block V variants. These conventionally armed missiles are launched from surface ships and attack submarines and have been in continuous service since the 1980s, with extensive combat use across multiple theaters. The Tomahawk Block V, introduced into service in 2021, features improved navigation, a new datalink for in-flight retargeting, and the capability to strike moving maritime targets in its Maritime Strike Tomahawk (MST) variant. The TLAM provides precision strike capabilities at ranges exceeding 1,600 kilometers, reinforcing the Navy's ability to project power from standoff distances in contested environments.

The Tomahawk's longevity and adaptability underscore the platform's value, but it is strictly non-nuclear, following the retirement of the nuclear-armed TLAM-N in the early 1990s. The SLCM-N would effectively reintroduce a nuclear option within this missile category, offering strategic planners a scalable deterrent tool in response to adversaries' regional nuclear threats, such as those posed by Russia and China. It would restore a level of deterrence absent since the end of the Cold War, complementing conventional cruise missile capabilities while introducing a new layer of strategic complexity.

The SLCM-N represents a strategic adaptation to contemporary security challenges, offering a flexible and survivable nuclear option that reinforces deterrence and assures allies. Its development signals a commitment to maintaining a credible nuclear posture in the face of advancing A2/AD capabilities and underscores the importance of modernizing the U.S. deterrent to address emerging threats in a dynamic global landscape.

China's 11,000-ton nuclear submarine with 6,000-mile range missiles poses threat to US

Equipped with 12 JL-2 ballistic missiles with nuclear warheads, the submarine offers advanced attack capability to bolster strike operations.

By: [Prabhat Ranjan Mishra](#)

Updated: May 02, 2025 12:04 PM EST

China's details of one of the key nuclear vessels have been revealed for the first time. The Type 094 nuclear-powered ballistic missile submarine is the "first credible" sea-based part of China's strategic "nuclear triad".

With six Type 094 submarines currently operating in the Chinese Navy fleet, the country is also developing its next-generation vessel, the Type 096.



China's Type 094A submarine has been in active service since 2020. (Representational image)
[Wikimedia Commons](#)

Ballistic missile submarines do not rely on external oxygen

Designed for stealth, the ballistic missile [submarines](#) do not rely on external oxygen or frequent refueling. This is because these vessels rely on nuclear reactors to power them. The vessel can remain on standby in the deep ocean for months to conduct a large-scale nuclear strike.

The submarine is equipped with 12 JL-2 ballistic missiles with nuclear warheads and offers advanced attack capability to bolster strike operations. Its missiles have a range of 4,350 miles, enough to hit the north-east of the United States.

Although the previous versions of the [vessels](#) were easy to detect as the submarines had a noise problem.

New version is quieter and carries more powerful missiles

The latest variation, the Type 094A, which has been in active service since 2020, is reportedly much quieter and carries the more powerful JL-3 ballistic missiles with a range of more than 10,000km (6,000 miles) – covering almost the entire American mainland from the South China Sea. The Type 096 is likely to carry up to 24 JL-3s, and it is expected to be quieter still, and equipped with more advanced sensors and weapons, reported [SCMP](#).

The pressurized water-cooled nuclear reactor drives the vessel's propulsion system and powers a single shaft via a [steam](#) turbine arrangement. Reports have claimed that modern power plant elements, with better vibration dampening, offer improvements in submerged speed and stealth performance.

Quieter propeller technologies

Using quieter propeller technologies or pump-jet propulsion can reduce a vessel's acoustic signatures. This is for underwater vessels to remain undetected in contested waters.

Reports have revealed that the crew composition aboard the Type 094 typically ranges from 120 to 140 personnel, covering all [operational](#) domains including navigation, reactor control, weapons deployment, sonar monitoring, and missile operations.

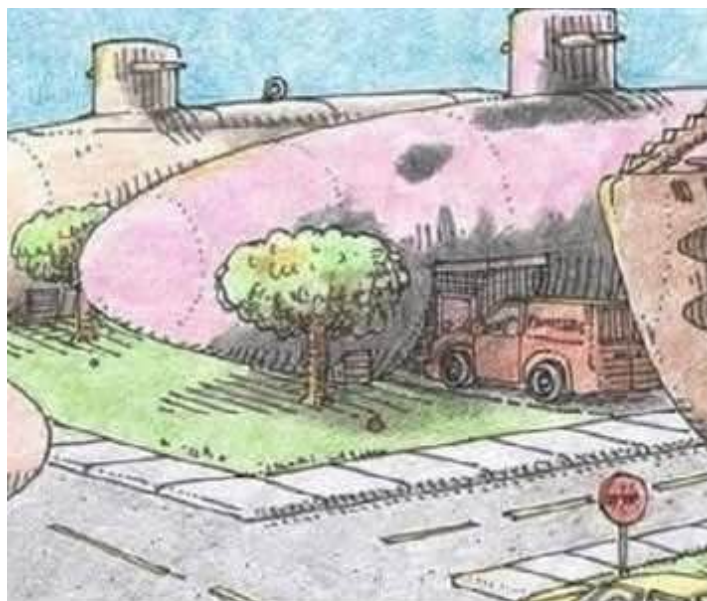
A dedicated team manages the strategic missile arsenal, reflecting the platform's primary role in China's nuclear triad. Crew training has been significantly improved in recent years, aligning with the PLAN's efforts to ensure continuous at-sea deterrence patrols, reported [Army Recognition](#).

Torpedo bolsters vessel's anti-submarine warfare capability

Fitted with six 533 mm torpedo tubes, the submarine's forward hull offers additional attack capability beyond its nuclear payload. The vessel can launch wire-guided, high-speed Yu-6 torpedoes, offering conventional defense capabilities.

The torpedo's range exceeds 18 miles and speeds up to 60 knots. The weapon bolsters the underwater vessel's capability to bolster its position in anti-submarine warfare (ASW) and anti-ship capabilities.

The vessel is also equipped with acoustic decoys, sonar countermeasures, and towed array sonar systems to detect threats.



NAVAL HOUSING SUB DIVISION

Los Angeles-class Attack Boats Still Critical Amid Submarine Shortage

By: Kris Osborn

Published: 01 May 2025

(Washington DC) The US Navy continues to operate with an attack submarine deficit, despite vigorous service and industry efforts to accelerate production of new Virginia-class attack submarines. The issue is critical for several key reasons, as the US Navy repeatedly emphasizes its need to sustain undersea superiority.

With the progressive retirement of the Los Angeles-class submarines, and the pace at which new Virginia-class boats are arriving, there has for years been what the US Navy refers to as a submarine “deficit.” This is critical for undersea technological superiority as well as pure “mass,” particularly as it pertains to the Pacific theater and a potential Chinese threat. Any potential Chinese attack on Taiwan would not only generate a need for submarines but also create the necessity to “mass” tactically significant numbers of submarines. A possible PLA amphibious attack on Taiwan would likely require a large US Navy undersea warfare capability

Los Angeles Boats

The US Navy and its industry partners have built as many as 62 Los Angeles-class submarines, yet only 20 remain as much of the fleet continues to reach the end of its service life. While they are now being replaced by a new-generation of high-tech Virginia-class boats, the Los Angeles class submarines formed the backbone of the US Navy’s undersea fleet for decades. They are still critical to maintaining the fleet. .

The submarines are heavily [armed for undersea warfare](#) and surface attack, as they are built with 25 torpedo-tube-launched weapons as well as Mark 60 CAPTOR mines. Added to this, the most recent two variants of the submarine are armed with 12 vertical launch tubes for Tomahawk III missiles. The latest variant of the class, the 688i, can launch the Mk67 Submarine Launched Mobile Mines, according to an interesting [essay by the US Naval Institute](#).

Los Angeles upgrades

The Los Angeles boats have been in service for nearly four decades, so it’s not surprising they would have been massively upgraded over the course of many years. Interestingly, the latest variants of the ships command and control system integrated an advanced suite of computing, weapons interface technologies and digital fire control. The latest variant of the combat system is referred to as the Mark 1 Combat Control System/All Digital Attack Center.

This system builds upon an earlier variant, called the Mk 117 FCS which was the first “all digital” fire-control system replacing legacy analog technology. The newest Mark 1 MCC, put in place in recent decades, is [networked with the submarine’s](#) sonar systems and Mk 48 torpedo and Towed Array Motion Analysis operability. This seems to indicate that signals detected from sonar could more quickly be integrated with weapons systems and fire control to enable a faster response in the event of enemy attack.

The Mk 1 MCC operates with an internal tracking, according to an essay from the Federal of American Scientists.

“The CSS internal tracker model provides processing for both towed array and spherical array trackers. Trackers are signal followers which generate bearing, arrival angle and frequency reports based on information received by an acoustic sensor. The CSS tracker model augments the sonar detection processing with corrections to detected SNRs due to the beam pattern shapes and effects. A tracker follows the strongest signal being received by an acoustic sensor. In addition to the effects caused by the array beam

pattern, filters are applied to incoming signals to narrow the focus of a tracker,” the FAS paper explains.

This filtering of incoming sensor or acoustic data likely massively improved targeting efficiency and identification, shortening the sensor-to-shooter loop so critical to prevailing in any undersea warfare engagement. This kind of discernment, if even in a conceptual sense, is likely to have influenced the development of modern computing and advanced algorithms capable of quickly organizing and streamlining incoming sensor data for the purpose of truncating the sensor-to-shooter curve.

Los Angeles Influence Virginia?

Therefore, the upgrades to the Los Angeles class seem quite significant in terms of internal networking and sensor data analysis, so it would stand to reason that the 688i variants of the Los Angeles likely informed the development of the US Navy’s Virginia-class boats. There appear to be several key areas where this would seem the most plausible, as the Virginia-class Block III submarines are not only built with advanced, high-speed computer processing but also driven by an automated “fly-by-wire” joystick controlled navigational system. With this “fly-by-wire” technology, a human operator can perform command and control functions while a computerized navigational system automates and sustains key functions such as speed and depth.

The Virginia Block III submarines also operate with a new generation of networking, such as a fiber-optic cable data transport system which enables commanders to see “periscope” like views from anywhere in the boat.



[An example of the Block III Virginia Class, the USS Delaware \(SSN 791\) conducts Bravo sea trials in the Atlantic Ocean. \(U.S. Navy photo courtesy of HII by Ashley Cowan/Released\)](#)



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