



August 2022

Published Monthly

STEEL VALLEY DOLPHINS
USSVI REQUIN BASE NEWSLETTER



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

September 10, 2022 @ 1230 hours

At Baden American Legion

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.

Lou Hamill - itgeek8088@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
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Senior Vice Commander	Jon Jaques	615-893-7800	jjagues@bellsouth.net
Junior Vice Commander	Steven Bell	704-824-3510	usnret82@carolina.rr.com
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Past Commander	John Markiewicz	904-743-2924	markiewiczjohn4@gmail.com
Chaplain	James Sandman	615-975-4792	Jsandman85@gmail.com
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District Commander EN3	Thomas Denton	301-845-0049	gcmfish@verizon.net
National Office		360-337-2978	office@ussvi.org



USS Requin Base Officers

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2nd Vice Commander	Chuck "Bat" Masterson	724-869-1938	mastersoncf@aol.com
Secretary	Jeff Simon	920-217-8633	jeffsimon@zoominternet.net
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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
Master at Arms			
Public Affairs Chair	Ed Derr	724-854-0781	rredde@gmail.com



Tolling of the Boats for August

USS Bullhead (SS-332)

Lost on August 6, 1945 with the loss of 84 crew members in the Lombok Strait while on her 3rd war patrol when sunk by a depth charge dropped by a Japanese Army plane. Bullhead was the last submarine lost during WWII.

USS Flier (SS-250)

Lost on August 13, 1944, with the loss of 78 crew members while on her 2nd war patrol. Flier was transiting on the surface when she was rocked by a massive explosion (probably a mine) and sank within less than a minute. 13 survivors, some injured, made it into the water and swam to shore. 8 survived and 6 days later friendly natives guided them to a Coast Watcher and they were evacuated by the USS Redfin (SS-272).

USS S-39 (SS-144)

Lost on August 13, 1942 after grounding on a reef south of Rossel Island while on her 3rd war patrol. The entire crew was able to get off and rescued by the HMAS Katoomba.

USS Harder (SS-257)

Lost on August 24, 1944 with the loss of 79 crew members from a depth charge attack by a minesweeper near Bataan while on her 6th war patrol. Harder had won a Presidential Unit Citation for her first 5 war patrols and CDR Dealey was awarded the Congressional Medal of Honor posthumously. Harder is tied for 9th in the number of enemy ships sunk.

USS Cochino (SS-345)

Lost on August 26, 1949 after being jolted by a violent polar gale off Norway caused an electrical fire and battery explosion that generated hydrogen and chlorine gasses. In extremely bad weather, men of Cochino and Tusk (SS-426) fought to save the submarine for 14 hours. After a 2nd battery explosion, Abandon Ship was ordered and Cochino sank. Tusk' screw rescued all of Cochino's men except for one civilian engineer. Six sailors from Tusk were lost during the rescue.

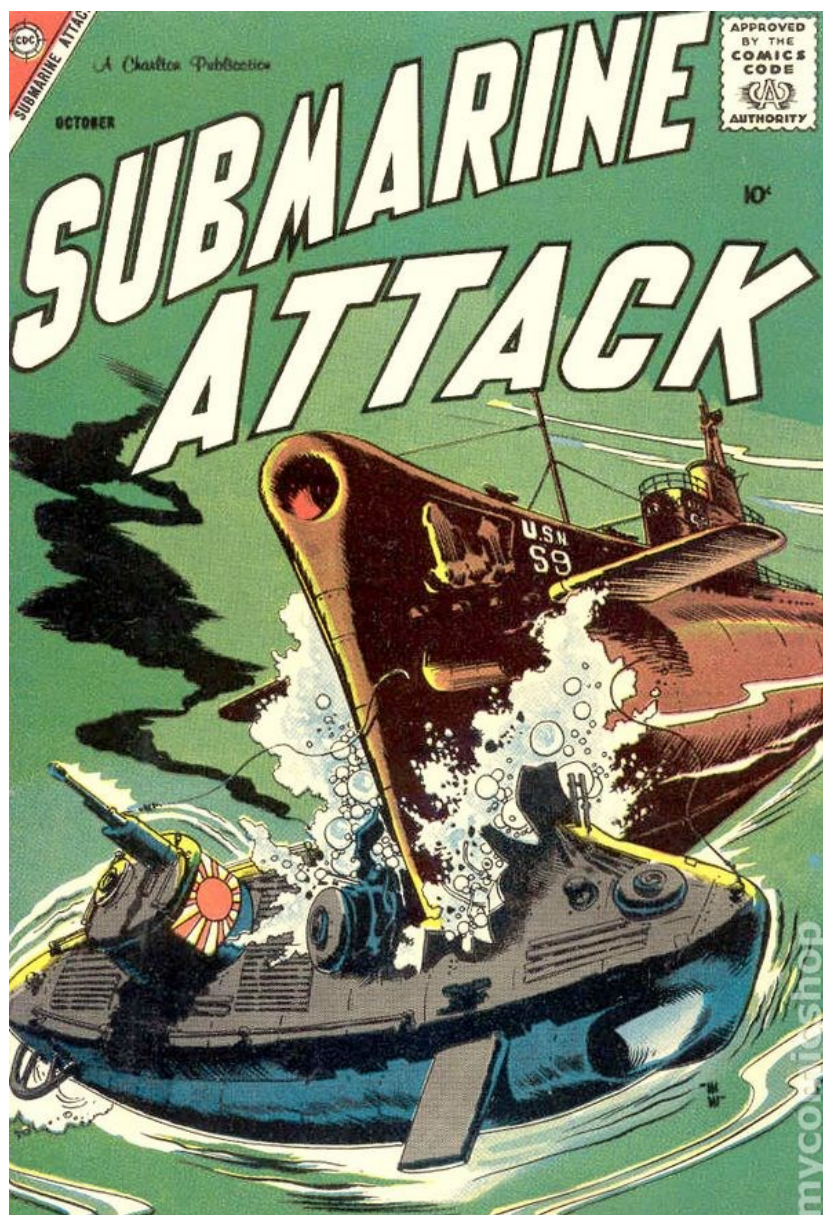




Submarines commissioned during the month of August

Boat	Commissioned	<u>Wikipedia</u>	<u>NavSource</u>	<u>Eternal Patrol</u>
F-3 SS-22	8/5/1912	<u>Wikipedia</u>	<u>NavSource</u>	
K-5 SS-36	8/22/1914	<u>Wikipedia</u>	<u>NavSource</u>	
L-10 SS-50	8/2/1916	<u>Wikipedia</u>	<u>NavSource</u>	
L-9 SS-49	8/4/1916	<u>Wikipedia</u>	<u>NavSource</u>	
L-11 SS-51	8/15/1916	<u>Wikipedia</u>	<u>NavSource</u>	
L-8 SS-48	8/30/1917	<u>Wikipedia</u>	<u>NavSource</u>	
O-16 SS-77	8/1/1918	<u>Wikipedia</u>	<u>NavSource</u>	
R-16 SS-93	8/5/1918	<u>Wikipedia</u>	<u>NavSource</u>	
O-10 SS-71	8/17/1918	<u>Wikipedia</u>	<u>NavSource</u>	
R-17 SS-94	8/17/1918	<u>Wikipedia</u>	<u>NavSource</u>	
O-15 SS-76	8/27/1918	<u>Wikipedia</u>	<u>NavSource</u>	
R-22 SS-99	8/1/1919	<u>Wikipedia</u>	<u>NavSource</u>	
R-10 SS-87	8/20/1919	<u>Wikipedia</u>	<u>NavSource</u>	
S-19 SS-124	8/24/1921	<u>Wikipedia</u>	<u>NavSource</u>	
S-21 SS-126	8/24/1921	<u>Wikipedia</u>	<u>NavSource</u>	
S-35 SS-140	8/17/1922	<u>Wikipedia</u>	<u>NavSource</u>	
S-24 SS-129	8/24/1923	<u>Wikipedia</u>	<u>NavSource</u>	
Porpoise SS-172	8/15/1935	<u>Wikipedia</u>	<u>NavSource</u>	
Triton SS-201	8/15/1940	<u>Wikipedia</u>	<u>NavSource</u>	<u>Eternal Patrol</u>
Thresher SS-200	8/27/1940	<u>Wikipedia</u>	<u>NavSource</u>	
Marlin SS-205	8/1/1941	<u>Wikipedia</u>	<u>NavSource</u>	
Gunnel SS-253	8/20/1942	<u>Wikipedia</u>	<u>NavSource</u>	
Sawfish SS-276	8/26/1942	<u>Wikipedia</u>	<u>NavSource</u>	
Corvina SS-226	8/6/1943	<u>Wikipedia</u>	<u>NavSource</u>	<u>Eternal Patrol</u>
Batfish SS-310	8/21/1943	<u>Wikipedia</u>	<u>NavSource</u>	
Dorado SS-248	8/28/1943	<u>Wikipedia</u>	<u>NavSource</u>	<u>Eternal Patrol</u>
Redfin SS-272	8/31/1943	<u>Wikipedia</u>	<u>NavSource</u>	
Spot SS-413	8/3/1944	<u>Wikipedia</u>	<u>NavSource</u>	
Sea Robin SS-407	8/7/1944	<u>Wikipedia</u>	<u>NavSource</u>	
Blower SS-325	8/10/1944	<u>Wikipedia</u>	<u>NavSource</u>	
Sennet SS-408	8/22/1944	<u>Wikipedia</u>	<u>NavSource</u>	
Piper SS-409	8/23/1944	<u>Wikipedia</u>	<u>NavSource</u>	
Blueback SS-326	8/28/1944	<u>Wikipedia</u>	<u>NavSource</u>	
Threadfin SS-410	8/30/1944	<u>Wikipedia</u>	<u>NavSource</u>	
Cobbler SS-344	8/8/1945	<u>Wikipedia</u>	<u>NavSource</u>	
Sirago SS-485	8/13/1945	<u>Wikipedia</u>	<u>NavSource</u>	
Mero SS-378	8/17/1945	<u>Wikipedia</u>	<u>NavSource</u>	
Cochino SS-345	8/25/1945	<u>Wikipedia</u>	<u>NavSource</u>	<u>Eternal Patrol</u>
Harder SS-568	8/19/1952	<u>Wikipedia</u>	<u>NavSource</u>	
Salmon SSR-573	8/25/1956	<u>Wikipedia</u>	<u>NavSource</u>	
Growler SSG-577	8/30/1958	<u>Wikipedia</u>	<u>NavSource</u>	

Thresher SSN-593	8/3/1961	Wikipedia	NavSource	Eternal Patrol
Ethan Allen SSBN-608	8/8/1961	Wikipedia	NavSource	
Barb SSN-596	8/24/1963	Wikipedia	NavSource	
Casimir Pulaski SSBN-633	8/14/1964	Wikipedia	NavSource	
Stonewall Jackson SSBN-634	8/26/1964	Wikipedia	NavSource	
Henry L. Stimson SSBN-655	8/20/1966	Wikipedia	NavSource	
Dolphin AGSS-555	8/17/1968	Wikipedia	NavSource	
Tautog SSN-639	8/17/1968	Wikipedia	NavSource	
Puffer SSN-652	8/9/1969	Wikipedia	NavSource	
Spadefish SSN-668	8/14/1969	Wikipedia	NavSource	
Trepang SSN-674	8/14/1970	Wikipedia	NavSource	
Parche SSN-683	8/17/1974	Wikipedia	NavSource	
Richard B. Russell SSN-687	8/16/1975	Wikipedia	NavSource	
Nevada SSBN-733	8/16/1986	Wikipedia	NavSource	
San Juan SSN-751	8/6/1988	Wikipedia	NavSource	
Tucson SSN-770	8/18/1995	Wikipedia	NavSource	
John Warner SSN-785	8/1/2015	Wikipedia	NavSource	





Binnacle List

Eternal Patrol



In Remembrance

		Name	Rate	Date
Mike Pellegrino	All Hands Present	Edward W. Yoder	RM2(SS)	8/3/2015
Beverly Geyer	And	Robert A. Campbell	EM3(SS)	8/31/2014
	Accounted For	Samuel J. McGrew	LT	8/15/2013
		Francis Neal Sever	SM2(SS)	8/27/2012
		John W. Irons Jr.	EM1(SS)	8/27/2009
		Frank S. Gogul	MOMM1(SS)	8/7/2002
		Louis E. Kleinlein	SOC(SS)	8/29/1998

Birthdays

Member		Spouse		Anniversaries	
Keith Small	9/2	Pamela Lucas	9/1	Judith & Chad Underkoffler	9/5
Andrew Wolbrueck	9/3	Jude Meyers	9/1	Mary Jane & Edwin Derr	9/7
Phillip Elias	9/4	Kelly Alters	9/2	Dolly & Paris vonRabenau	9/8
Brian Powers	9/7	Beverly Bence	9/4	Carol & Pete Poninsky	9/12
George Harrah, Jr	9/8	Eileen Klemz	9/6	Barbara & George Harrah	9/17
Michael Gasparovic	9/15	Carolyn Sills	9/6	Jacqueline & Robert Hall	9/20
Earl Riley	9/17	Carol Cochenour	9/8	Adriana & Mark Hoag	9/20
Robert Krautstrunk	9/18	Jill Campisi	9/11	Patricia & Frederick Koppenhaver	9/23
Hubert Dietrich	9/19	Barbara Boutelle	9/13	Karen & James Lewis	9/27
Edward Mason, Jr	9/19	Janice Johnston	9/15	Sandra & Edward Morgan	9/28
Harry Sills	9/19	Christine Ladrie	9/19	Rosemarie & Earl Riley	9/28
Bradley Davis	9/22	Flo Hemming	9/23	Eva Mathews & Scott Holzwarth	9/29
Sandra Carman	9/23	Patricia Cantwell	9/24	Joan & James Hughes	9/30
David Howton	9/25	Barbara Harrah	9/25		
Daniel Klemz	9/25	Valerie Wendell	9/25		
Blaine Kuhn	9/25	Mary Ann Kontir	9/29		
David Sawin	9/25	Connie Small	9/29		
John Swords	9/26	Yvonne McKenzie	9/30		
Richard McCarthy	9/27				
Thomas Burdin	9/29				





SHIPMATES – I want to say KUDOS to all the Swabbies and first mates that attended our August meeting. This was the first traveling meeting that was held at the American Legion Post 820 in Monroeville, Pa. By the way, the Post is a GOLD STAR Post. Each state has one and we were fortunate to be having our meeting in this one. There were over 40 members and first mates in attendance.

A special KUDOS goes to shipmate Mike Pellegrino, who was in charge of planning and organizing the entire event. He negotiated a great price and wonderful food with the caterer. Everyone said the food was really delicious. Many filled the take- out containers to take home. He also purchased a wonderful cake that “welcomed the submarine veterans”. Everyone enjoyed all the vittles!

The members of the post were extremely courteous and friendly! In fact the Commander, Regis Dugan, was so happy to host the Requin Base that he filled out his papers and joined the base – He is a 20 year Navy veteran and also a NUKE! He was assigned to the aircraft carrier – Nimitz for over 10 years.

It was great to see shipmates from all over the area and it made for such a memorable get-together. This is what TRAVELING meeting are all about – to visit members that have a tough time traveling to our home meeting Legion.

Speaking of Mike Pellegrino – he is going to speak with his doctor concerning a procedure on his heart valve – WE WISH HIM WELL!

The Columbus Day parade will be held on Saturday, October 8th in Bloomfield, which is along Liberty Ave & West Penn Hospital. That is the same day as our regular base meeting so we will be moving our meeting to October 15 (if available at the Golden Corral in Hermitage Pa) – hopefully we can confirm ASAP! The Golden Corral is the only non-veteran establishment, that has a Veteran-Mia table, that I know of. The night before, we are invited to the Navy League Ball. Shipmate Rick Elster has been assigned to get the information and share it with anyone who is interested on attending.

Admiral Sief answered my e-mail – “Thanks for the note! I’ve been at COMSUBGRU 7 for about three months, which has gone by very quickly, I have a great staff and we have very strong relationships with our allies and partners out here. Lots of travel for me as we are hopefully getting Covid. Please keep in touch and let me know if I can do anything for you from Japan”! Admirals Sief is a wonderful shipmate and I am glad he joined our base!

I sent out an e-mail concerning USSVI 2023 calendars. I will be ordering them very shortly and will be sent out to the members along with their dues slips.

Dues Collection Schedule:

September – Base Officers – Committee Persons – Associate Members

Life Members

October – Pa residence members

November – Out of State members

December – members who joined the base in 2022



Meeting Minutes

August 13, 2022
American Legion Post 820 Monroeville PA

Base Commander Huey Dietrich called the meeting to order.

Attendees: Carl Benson, John Bistolas, Eric Bookmiller, Lee & Patsy Bookwalter, Don Bright, Tom & Deneen Calabrese, Joe Campisi, Tom Clark, Huey & Edie Dietrich, Sandy Ellis, Rick & Judy Elster, Dick & Beverly Geyer, Lou Hamill, John Held, Mark Hoag, Scott Holzwarth, Alan Lukasik, Mike Markel, Bat Masterson, Vince Metz, Bob & Jude Meyers, Frank Nicotra, Mike Pellegrino, Harry Sills, Jeff Simon, Keith & Connie Small, Jack & Karen Sutherin, John Swords, Scott Thomas, Chad Underkoffler, Chuck Warren.

Base Commander Huey Dietrich: Quotes of the day: "The man that's too old to learn was probably always too old to learn"

Requin History: August 24, 1944 keel laid at Portsmouth Naval Shipyard. August 14, 1945 two weeks after her arrival and three days before starting her first war patrol, WWII ended and the Requin was recalled and ordered back to the Atlantic. August 1, 1952 Requin was back in European waters, during September she visited the United Kingdom, then in October the submarine transited the Straits Of Gibraltar for regular 6th Fleet duty. August 15, 1959 upon her conversion to fleet snorkel configuration, the Requin was given hull classification SS 481 and rejoined Subron 6 in Norfolk VA for operations as a normal attack submarine, a role she retained until her decommissioning. August 7, 1990 Requin left International Ship Repair in Tampa FL under tow to Baton Rouge LA. August 11, 1990 Requin was lifted onto barges and began her ride up the Mississippi River and Ohio River to Pittsburgh PA.

Base Commander Huey Dietrich: 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. 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.

Boats Lost:

USS BULLHEAD (SS 332)	August 6, 1945
USS FLIER (SS 250)	August 13, 1944
USS S 39 (SS 144)	August 16, 1942
USS HARDER (SS 257)	August 24, 1944
USS COCHINO (SS 345)	August 26, 1949
USS POMPANO (SS 181)	August 29, 1943

We also wish to remember our shipmates of the Requin Base: Robert Campbell, Frank Gogul, John Irons, Louis Kleinlein, Sam McGrew, Neal Sever, and Edward Yoder. 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.

COB/Chaplain Eric Bookmiller gave the Invocation

COB/Chaplain Eric Bookmiller lead the base in the Pledge Of Allegiance
Members introduced themselves and the boats they qualified on.

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

Treasurer Lee Bookwalter full accounting of base assets, expenditures, and deposits is not given at away meetings.

Other Reports:

Binnacle List: Mike Pellegrina, Beverly Geyer

Eternal Patrol: None

Membership stands at 193.

Storekeeper Frank Nicotra reported on items available.

Shipmate John Held reported on Scout court of honor presentations.

Shipmate Joe Campisi reported on USSVI license plates program.

Social Events

Columbus Day parade in Bloomfield PA on Saturday October 8th Base meeting will need to be moved to a different date.

Navy Ball October 14. Contact Rick Elster for details.

Old Business:

Science Center Kickoff for USS Requin revitalization project on July 20.

Meeting with Cod Base on July 30

New Business:

USSVI National Convention is being held in Buffalo NY, August 24 to 27. Google USSVI 2022 National Convention for information.

Letter from Admiral Sief was read.

Letter from Captain Deichler.

Good of The Order:

Parade trailer purchase price is still under discussion.

Report on Mush Morten Combat award ceremony was given.

COB/Chaplain Eric Bookmiller gave the Benediction and blessing of today's meal.

Adjournment: The meeting was adjourned.

Next meeting: American Legion Baden PA at 1230 hours on September 10, 2022

A-Gang Tools





USSVI Requin base was approached by the Submarine Officer Advance Course to design and sponsor the Mush Morton Combat Award. We are honored to present the final award design. We will be presenting the first and second awardees on the 19th of this month.

This award will be presented at the end of each graduating class which is approximately 6 times a year.

Mush Morton Combat Award

Presented to the individual that excels in several grade sheets that are developed from Approach and Attack Criteria. Superior skills are demonstrated in their abilities in combat as the Weapons Coordinator (WCC), Fire Control Coordinator (FCC), and Approach Officer (AO). Evaluation in these roles are in both EUCOM and PACOM combat scenarios that are at the Advanced level.



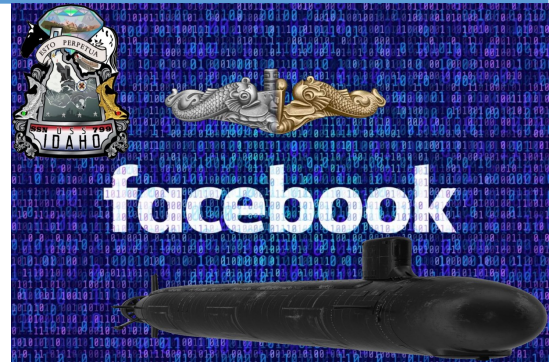
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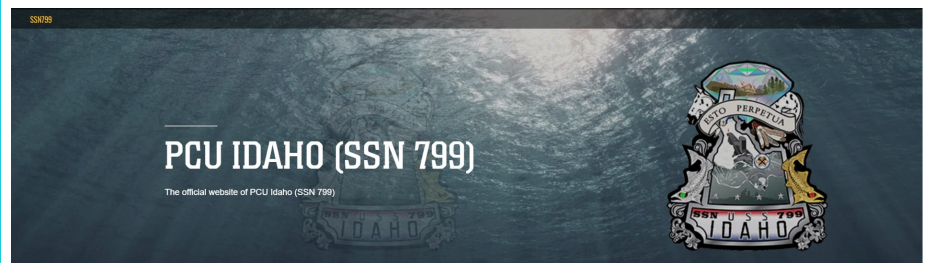
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PCU Idaho SSN - 799

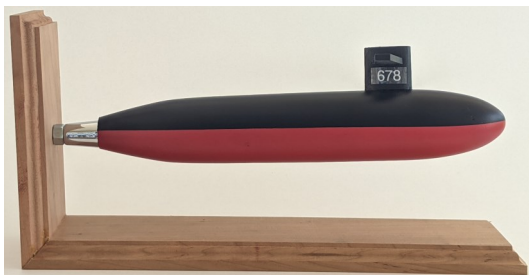


<https://www.facebook.com/SSN799>



Here is the link to the customer photos.

<https://requinbase.org/customer-photos/>



If you would like to order a submarine beer tap handle [with or without the stand], a challenge coin holder or a newly added cribbage board.

contact [Huey Dietrich](#) or

Place your order for these and other USS Idaho items at

<https://requinbase.org/product-category/uss-idaho/>



Chaplain's Column

Thankfully we have no one on eternal patrol to report and there are two individuals on the Binnacle List.

Mike Pelligrino is having heart surgery this week and Beverly Geyer is dealing with Leukemia. It was nice to see them both in good spirits at the last meeting in Monroeville. As I mentioned at the last meeting, I truly believe in the power of Prayer. I would like to ask everyone to keep Mike and Beverly 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 of a fallen shipmate. If you know anyone who is sick or goes on eternal patrol, please give me a call or email at the numbers below. If you wish to be placed on the binnacle list but do not want to disclose the specifics, I will maintain your confidentiality.

724-485-2341 This is a house phone so do not text this number.

Please leave a message if I do not answer'

Email- ebookmiller@comcast.net

Eric Bookmiller

Chaplain Requin Base



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.





Upcoming Events

Meeting

Sept 10, 2022
1230 hours

American Legion
Post 641
Baden PA

Base activities

Columbus Day Parade
Liberty Ave & West Penn Hospital

Date **Muster**
Oct 8



Membership

Primary Members	166	Holland Club	93	USSVI Life Members	71
Secondary Members	14	WWII	4	Base Life Members	56
Associate Members	13	Eternal Patrol	71	Joined Last Year	7
Total Members	193			Joined This Year	8



NEW MEMBERS:

Jim Swords qualified on the USS STONEWALL JACKSON SSBN-634 as a MT. He left the navy in 1978 as a MT1(SS). Jim lives in New Cumberland, W.V. with his first mate Kim. Please e-mail Jim and welcome him aboard – jhswords@comcast.net

Sean Williams qualified on the USS CHARLOTTE SSN-766 as a Lt. He left the navy in 2022 as a Lt. Sean lives in Wexford, Pa with his first mate Chloe. Please e-mail Sean and welcome him aboard – s.williams185@gmail.com

Andrew McGovern qualified on the USS PROVIDENCE SSN-719 as a Lt. He is on active duty serving in Groton Conn. as a Commander. He lives in Quacker Hill, Conn. with his first mate Robin. Please e-mail Commander Andy and welcome him aboard – Andy.S.McGovern@gmail.com



Eagle Scouts

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

Congratulations to:

Nathan Meyer T208



<http://www.oneternalpatrol.com/uss-wahoo-238.htm>



CDR Dudley W. (Mush) Morton

History	
Name	<i>Wahoo</i>
Builder	<u>Mare Island Naval Shipyard</u>
Laid down	28 June 1941
Launched	14 February 1942
Sponsored by	Mrs. William C. Barker, Jr.
Commissioned	15 May 1942
Stricken	6 December 1943
Fate	Sunk by Japanese ships and aircraft in <u>La Pérouse Strait</u> , 11 October 1943

General characteristics	
Class and type	<u>Gato-class diesel-electric submarine</u>
Displacement	1,525 long tons (1,549 t) surfaced 2,424 long tons (2,463 t) submerged
Length	311 ft 9 in (95.02 m)
Beam	27 ft 3 in (8.31 m)
Draft	17 ft (5.2 m) maximum
Propulsion	4 × <u>Fairbanks-Morse Model 38D8-1/8 10-cylinder opposed piston diesel engines driving electrical generators</u> 2 × 126-cell <u>Sargo batteries</u> 4 × high-speed <u>General Electric electric motors with reduction gears</u> 2 propellers 5,400 shp (4.0 MW) surfaced 2,740 shp (2.0 MW) submerged
Speed	21 <u>kn</u> (24 <u>mph</u> ; 39 <u>km/h</u>) surfaced 9 <u>kn</u> (10 <u>mph</u> ; 17 <u>km/h</u>) submerged
Range	11,000 <u>nmi</u> (13,000 <u>mi</u> ; 20,000 <u>km</u>) surfaced at 10 <u>kn</u> (12 <u>mph</u> ; 19 <u>km/h</u>)
Endurance	48 hours at 2 <u>kn</u> (2 <u>mph</u> ; 4 <u>km/h</u>) submerged 75 days on patrol
Test depth	300 ft (90 m)
Complement	6 officers, 54 enlisted
Armament	10 × 21 in (533 mm) <u>torpedo tubes</u> (six forward, four aft; 24 <u>Mark 14 torpedoes</u> 1 × 3 in (76 mm) / 50 <u>caliber deck gun</u> <u>Bofors 40 mm</u> and <u>Oerlikon 20 mm cannon</u>

08/01/1944

USS Puffer (SS 268) damages Japanese oiler, Sunosaki, northeast of Borneo.

08/03/1958

USS Nautilus (SSN 571) becomes the first submarine to cross the "top" of the world during Operation Sunshine when the boat passes under an arctic ice cap at the North Pole. "For the world, our country, and the Navy - the North Pole," declared the boat's commanding officer, Cmdr. William R. Anderson. The mission had been personally authorized by President Eisenhower as a response to the USSR's Sputnik program.

08/04/1943

USS Finback (SS 230) sinks Japanese cargo ship Kaisho Maru in the Java Sea off the north coast of Java while USS Seadragon (SS 194) damages Japanese transport Kembu Maru east of Ponape.

08/05/1944

USS Barbel (SS 316) sinks Japanese merchant passenger-cargo ship, Miyako Maru, off Tokuno Jima while USS Cero (SS 225) attacks a Japanese convoy off Minanao and sinks oiler, Tsurumi, in Davao Gulf.

08/06/1988

USS San Juan (SSN 751) is commissioned at New London, Conn. The Los Angeles-class nuclear-powered fast attack submarine is the third to be named after San Juan, Puerto Rico. The boat is assigned to Submarine Group Two

08/08/1942

USS Narwhal (SS 167) sinks Japanese crab boat, Bifuku Maru, southeast of Shiriya Saki while USS S-38 (SS 143) sinks Japanese transport, Meiyo Maru, at the southern entrance of St. George Channel, between New Britain and New Ireland. Also on this date, USS Silversides (SS 236) attacks a Japanese convoy emerging from Kobe Harbor and sinks freighter Nikkei Maru in Kii Strait.

08/10/1942

Off Kavieng, New Ireland, USS S-44 (SS 155) torpedoes and sinks the Japanese cruiser, Kako, as she retires from the Battle of Savo Island.

08/12/1944

USS Pompon (SS 267) and USS Puffer (SS 268) attack Japanese convoys and damage and sink Japanese destroyers.

08/13/1945

USS Atule (SS 403) sinks Japanese Coast Defense Vessel No.6 and damages Coast Defense Vessel No.16 off Hokkaido. Also on this date, USS Torsk (SS 423) sinks Japanese merchant cargo ship, Kaiho Maru.

08/14/1945

USS Spikefish (SS 404) sink the Japanese submarine (I 373), in the Sea of Japan. Also on this date, USS Torsk (SS 423) sinks Coast Defense Vessel (No.13), and Coast Defense Vessel No.47.

08/16/1944

USS Croaker (SS 246) sinks Japanese auxiliary minesweeper, Taito Maru.

08/16/1958

USS Seadragon (SSN 584) launches at Portsmouth Naval Shipyard. USS Seadragon decommissions in 1984.

08/16/1986

USS Nevada (SSBN 733) is commissioned at Groton, Conn. The Ohio-class ballistic-missile submarine is the fourth named after the Silver State.

08/17/1942

The submarines USS Nautilus (SS 168) and USS Argonaut (SM 1) land more than 200 Marines on Makin Island, Gilbert Islands, in the first amphibious attack made from submarines.

08/19/1943

USS Finback (SS 230) sinks the Japanese auxiliary submarine chaser (No.109) off the eastern Celebes.

08/22/1944

Submarines Haddo (SS 255) and Harder (SS 257) encounter three Japanese escort vessels off the mouth of Manila Bay. Haddo sinks Sado 35 miles west of Manila; Harder sinks Matsuwa and Hiburi about 50 miles west-southwest of Manila.

08/23/1944

USS Haddo (SS 255) torpedoes Japanese destroyer Asakaze as the enemy warship is escorting tanker, Niyo Maru, 20 miles southwest of Cape Bolinao, Luzon, Philippine Islands. Asakaze later sinks near Dasol Bay after attempts at salvage fail. Also on this date, USS Tang (SS 306) attacks a Japanese convoy off Honshu, sinking cargo ship, Tsukushi Maru off Hamamatsu.

08/24/2020

USS Idaho SSN-799 Keel is laid.

08/25/1944

USS Picuda (SS 382), in attack on Japanese convoy at the western entrance to the Babuyan Channel, sinks destroyer Yunagi 20 miles north-northeast of Cape Bojeador, Philippines and merchant tanker Kotoku Maru.

08/26/1949

While operating in stormy seas off northern Norway, USS Cochino (SS 345) suffers a series of serious battery explosions that result in her loss. Though Cochino's crew is successfully rescued by USS Tusk (SS 426), the submarine loses seven of her own men during this difficult effort.

08/27/1944

USS Stingray (SS 186), after being depth charged and lightly worked over while reconnoitering the designated spot lands a party of one Filipino officer, 14 men and 60 percent of the supplies earmarked for delivery to guerilla forces at Saddle Rock, Mayaira Point, on northwest shore of Luzon. Heavy Japanese shipping in the vicinity compels Stingrays departure before all stores land.

08/29/1915

After pontoons are brought to Hawaii from the west coast, and following extensive additional diving work, the submarine USS F-4 is raised from the bottom and taken into Honolulu Harbor for dry docking. Previously, in March 1915, during a routine dive a few miles off Honolulu, F-4 sinks in 51 fathoms of water, with the loss of her 21 crewmembers.

08/29/1944

USS Jack (SS 259) attacks Japanese convoy H3 and sinks minesweeper W28 and army cargo ship, Mexico Maru, northwest of Menado, Celebes.

08/30/1929

At New London, Conn., 26 men test the Momsen lung to exit an intentionally-bottomed submarine. The device was created by Lt. C.B. Momsen following the failure to save surviving crew members trapped in USS S-4 (SS 109) that sank after a collision with Coast Guard cutter USS Paulding in 1927.



Navy SSBN PEO: Data Clearly Supports Building More than 12 Columbia Subs

Posted on June 9, 2022 by Richard R. Burgess, Senior Editor

<https://seapowermagazine.org/navy-ssbn-peo-data-clearly-supports-building-more-than-12-columbia-subs/>



General Dynamics Electric Boat welder Maria Betance-Pizarro welds the initials of the sponsor of the future U.S. Navy ballistic missile submarine District of Columbia onto a metal plate at a ceremony at the Electric Boat facility in Quonset Point, Rhode Island, June 4. Looking on are the ship's sponsor, U.S. Rep. Eleanor Holmes Norton (D-District of Columbia), and officials from Electric Boat, other members of Congress, and officers of the U.S. Navy. U.S. NAVY / GENERAL DYNAMICS ELECTRIC BOAT

ARLINGTON, Va. — The admiral in charge of building the Navy's next-generation nuclear-powered ballistic missile submarine said there may be an advantage to building more than the 12 planned boats.

"I have clear data that says, 'It clearly makes more sense to have more than 12 [Columbia-class SSBNs] to meet the current requirements that [U.S.] Strategic Command has defined for us,'" said Rear Adm. Scott Pappano, program executive officer for Strategic Submarines, speaking during a June 9 Hudson Strategic Forces Seminar in Washington.

"I have the data that will show the risks of what the current program of record is, and here is how those risks are mitigated if I go to 13 or 14 or 15 or 16, how that affects those requirements," Pappano said. "It's probably a late '20s decision, sometimes before the end of the next block that we are doing."

The current U.S. Nuclear Posture Review defines the requirement for “at least” 12 Columbia-class SSBNs.

Pappano said building extra SSBNs would not be a technological problem but a matter making decisions early enough to keep submarine programs on schedule.

“It’s really getting both the cadence for the Columbia class and to be able to get back on cadence for Virginia [attack submarine],” he said.

The contract for building the first new SSBN, the future USS District of Columbia, calls for delivery 84 months of formal program start. Pappano’s goal is to deliver the boat in 78 months. With the construction started during the COVID-19 pandemic, construction “got a little bit slower start than we wanted” so it was lagging slightly behind 78 months but still ahead of the required maximum of 84 months.

“It’s not only delivering [the lead ship] on time ... but we’ve got to get the cadence right for the rest of the class,” he said. “We have to be delivering Columbia class at a one-per-year cadence [in fiscal 2026].”

With the future USS District of Columbia and USS Wisconsin under contract, the Navy originally had planned to build the next three boats in the next block to get economic order quantity of the SSBNs and the Virginia-class SSNs.

“We’re working right now with our stakeholders to include five boats in the second block,” he said, to make that block buy in 2026 and “at least a five-ship block” for the third block.

The 12 Columbia-class SSBNs will be replacing the 14 Ohio-class SSBNs that each are scheduled to be retired at 42 years of service. The first of the Ohio SSBNs to be retired will be inactivated in 2027.

“There is going to be a period of time [for] much of the ‘30s we have to have 10 ships ready for sea, out of a depot period, and we’re going to have exactly 10 for a lot of that time,” Pappano said. “If you look at it month by month, there are periods where we might dip below nine.”

He said the Navy is looking at starting advance procurement for each boat “a little bit early... about six monthsish” for Columbia boats two through 12, a plan supported in the 2023 budget request.

The first Columbia-class SSBN is required to be on patrol in the first quarter of fiscal 2031. Pappano said the Navy is looking at squeezing more service life out of five Ohio-class boats with short service-life extensions of the boats that are in the best condition. The admiral said that fiscal 2026 would be the time to make the decision, with the first Ohio extension completed in fiscal 2029, and each taking three years.

Pappano said one advantage of extending an Ohio-class boat is during the 2036-2039 time frame, a submarine will be needed to test-launch the D5LE2 version of the Trident ballistic missile in support of the Strategic Systems Program. This would avoid having to take a submarine off the strategic deterrence patrol cycle to test the missiles.

General Dynamics Electric Boat Awarded \$236.2 Million Contract Modification for Support of Operational Submarines

Posted on August 12, 2022 by Seapower Staff

<https://seapowermagazine.org/general-dynamics-electric-boat-awarded-236-2-million-contract-modification-for-support-of-operational-submarines/>



The Los Angeles-class attack submarine USS Hartford, shown underway in the Persian Gulf in 2009. U.S. NAVY

GROTON, Conn. — General Dynamics Electric Boat, a business unit of General Dynamics, was awarded a modification of the previously awarded U.S. Navy contract for engineering, technical, design and planning yard support for operational strategic and attack submarines, the company announced in an Aug. 12 release.

The contract modification has a value of \$236,182,606 million. Work will be performed in Groton, Connecticut; Kings Bay, Georgia; Bangor, Washington; Pearl Harbor, Hawaii; North Kingston, Rhode Island; and Newport, Rhode Island, and is expected to be completed by September 2023.

“The shipbuilders of Electric Boat are proud to continue our role providing lifecycle maintenance and modernization support to the U.S. Navy’s operational submarine fleet in keeping with our mission to provide sailors with the advantage that helps protect our nation,” said Kevin Graney, president of General Dynamics Electric Boat.

General Dynamics Electric Boat designs, builds, repairs and modernizes nuclear submarines for the U.S. Navy. Headquartered in Groton, Connecticut, the company employs approximately 18,000 people.

HII Marks Construction Milestone in Virginia-Class Submarine Massachusetts

Posted on August 10, 2022 by Seapower Staff

<https://seapowermagazine.org/hii-marks-construction-milestone-in-virginia-class-submarine-massachusetts/>



The USS Massachusetts, nearing completion. HII

NEWPORT NEWS, Va. — HII's Newport News Shipbuilding division has achieved a significant milestone in construction of Virginia-class submarine Massachusetts (SSN 798), the company said Aug. 10.

Shipbuilders working on Massachusetts recently reached pressure hull complete, meaning that all of the hull sections were joined to form a single, watertight unit. This is the last major construction milestone before the submarine is launched.

“Our highly skilled shipbuilders are driven to serve the nation by delivering great submarines that help ensure America’s undersea superiority,” said Jason Ward, Newport News Shipbuilding vice president of Virginia-class submarine construction. “Reaching this point in construction demonstrates our commitment to getting Massachusetts ready as soon as possible to become part of the U.S. Navy fleet.”

Newport News Shipbuilding is one of only two shipyards capable of designing and building nuclear-powered submarines. The advanced capabilities of Virginia-class submarines increase firepower, maneuverability and stealth.

This milestone on Massachusetts comes following the delivery of USS Montana (SSN 794) and launch of USS New Jersey (SSN 796) at Newport News Shipbuilding earlier in 2022, as the shipyard continues to invest in its workforce and facilities to make steady progress on delivering these important assets to the Navy. Massachusetts is the 25th Virginia-class fast attack submarine.

US Navy Exercises Option for L3Harris Submarine Imaging Masts

Posted on July 28, 2022 by Richard R. Burgess, Senior Editor

<https://seapowermagazine.org/us-navy-exercises-option-for-l3harris-submarine-imaging-masts/>



Sailors attached to the Virginia-class fast attack submarine USS Montana (SSN 794) man the boat during a commissioning ceremony in Norfolk, Va., June 25. L3Harris will provide imaging masts for Virginia- and Columbia-class submarines.
U.S. NAVY / Senior Chief Mass Communication Specialist John Smolinski

NORTHAMPTON, Mass. — The U.S. Navy exercised an option on a previously awarded L3Harris Technologies' contract to produce enhanced submarine imaging masts and spares, the company said July 27.

L3Harris will provide two configurations of its Type 20 low-profile mast to meet the Navy's operational requirements. Production will be performed at L3Harris' Northampton, Massachusetts, facility, with initial deliveries scheduled to begin in 2024.

As the world's largest submarine imaging system provider, L3Harris delivers precise, high-resolution optics and integrated sensor packages.

The Type 20 mast is a modular non-hull-penetrating imaging sensor that uses a telescoping universal modular mast to deliver improved high-definition visual imaging capabilities.

"The Type 20 low-profile mast is the next-generation imaging mast that will provide enhanced capabilities to the Virginia- and Columbia-class submarines," said Rosemary Chapdelaine, president, Maritime, L3Harris. "Under this contract, we will deliver technology advancements to support the U.S. Navy's mission and operational requirements, which will enable the users to see and control the submarine integrated imaging systems."

HOOVES & HORNS

BY A.W. ERWIN



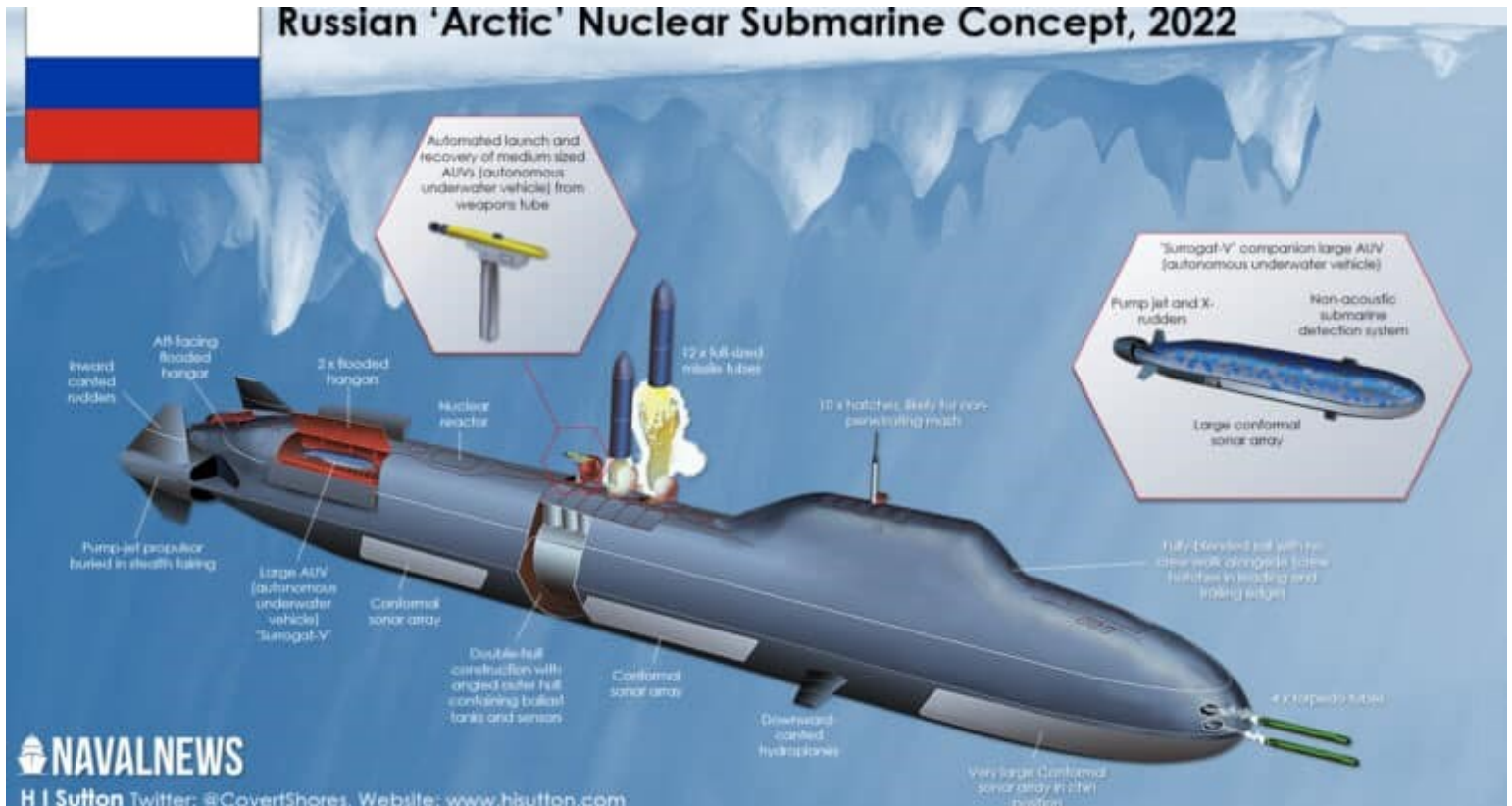
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Russia Reveals Radical New Stealth Missile Submarine

HI Sutton 16 Aug 2022

<https://www.navalnews.com/naval-news/2022/08/russia-reveals-radical-new-stealth-missile-submarine/>



Famous Russian ship design bureau Rubin has revealed its latest advanced submarine concept, the 'Arctic'. Original illustration based on analysis of official models, for NavalNews.com

Nuclear weapons are Russia's ultimate insurance policy against NATO intervention in Ukraine. As their importance is emphasised, an ambitious new ballistic missile submarine has been revealed. The design, with hints of the latest Western thinking, represents the next generation after the Borei class.

Russian submarine design bureau Rubin has unveiled its latest design for a ballistic missile submarine (SSBN) at the Army 2022 defense expo. The new boat, named 'Arcturus' (Арктур) after the brightest star in the northern celestial hemisphere, is a radical design.

Most striking about the design is that it has an angled outer hull with sloping sides and blended lines. It has a chine running all the way along the side, resembling a modern low-observable aircraft.

Submarines are, by their nature, stealthy. The Arcturus design takes this further than most however, adding an angled outer hull. This matches similar ideas in other countries for deflecting incoming active sonar. This is reminiscent of the German-designed Type-212CD which is being built for Germany and Norway. And the British Dreadnought Class ballistic missile submarine.

The angled outer hull, designed against active sonar, would be accompanied by traditional passive-sonar stealth. This involves mounting the machinery on rafts, to isolate sources of noise. There would also be anechoic coatings outside the pressure hull. Russian anechoic coatings are complex and are used extensively on their submarines.

The submarine has 12 missile silos. These are large enough for nuclear-armed ballistic missiles, which appears to be the primary mission. But one of the tubes is displayed with a launch and retrieval mechanism for a medium-sized AUV (autonomous underwater vehicle). This implies a multi-role capability. 12 tubes is fewer than current SSBNs but other submarine builders are going in the same direction. As the missiles get more potent, the number required to ensure unacceptable losses for an enemy gets fewer. Additionally the missiles are incredibly expensive to manufacture and maintain.

Specialist Underwater Drone: Surrogat-V

A new feature, not seen on previous designs, is that two (possibly 3) specialist AUVs are carried. 3 large free-flooding hangars are seen at the stern for Surrogat-V (Cypporat-B) AUVs. These companion AUVs are designed to operate in conjunction with the Arcturus submarine.

Previous AUV designs for Rubin which use the Surrogat name have been designed as decoys and training devices. These are claimed to be able to replicate other submarine's signatures.

However, Surrogat-V appears to be an anti-submarine warfare drone. It has a relatively large conformal sonar array, and a pump jet propulsor, suggesting high underwater speeds.



Surrogat-V (Cypporat-B) AUV, via Michael Jerdev (Twitter)

It is also equipped with SOKS (System Obnaruhenia Kilvaternovo Sleda), a nonacoustic submarine detection system. This 'sniffs' chemicals and radiation left in the wake of a submarine to help trail it. Russia and Britain both deploy similar systems for this. The inclusion of SOKs implies that the AUV is intended for anti-submarine warfare.

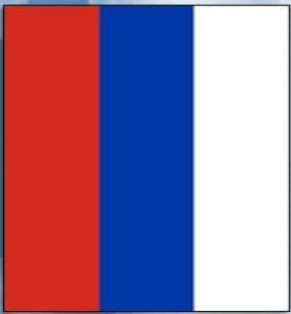
Another new model on display was the E-Amur (E-Amyp) design. This is a very small submarine with no traditional sail and X-rudders. Flank sonar arrays are grafted onto the outside, implying single-hull construction, similar to existing Lada / Amur class designs. Four torpedo tubes are carried.

Outlook For The Arcturus Submarine

Rubin has a long tradition of building impressive submarines. They designed the Typhoon class, still the largest subs ever built. And the Borei Class, which is replacing all older ballistic missile submarines (SSBNs), is too. So it is not surprising that their design concepts are ambitious and represent cutting-edge thinking.

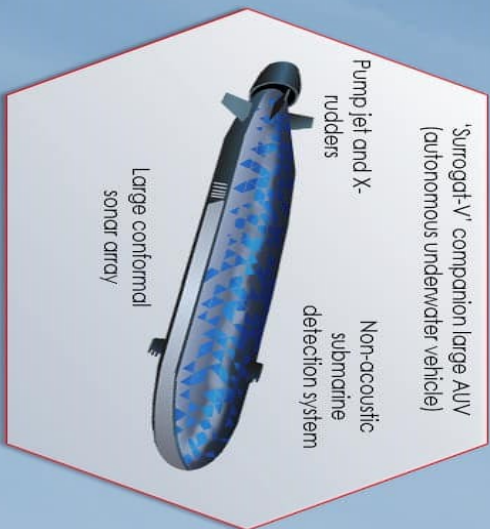
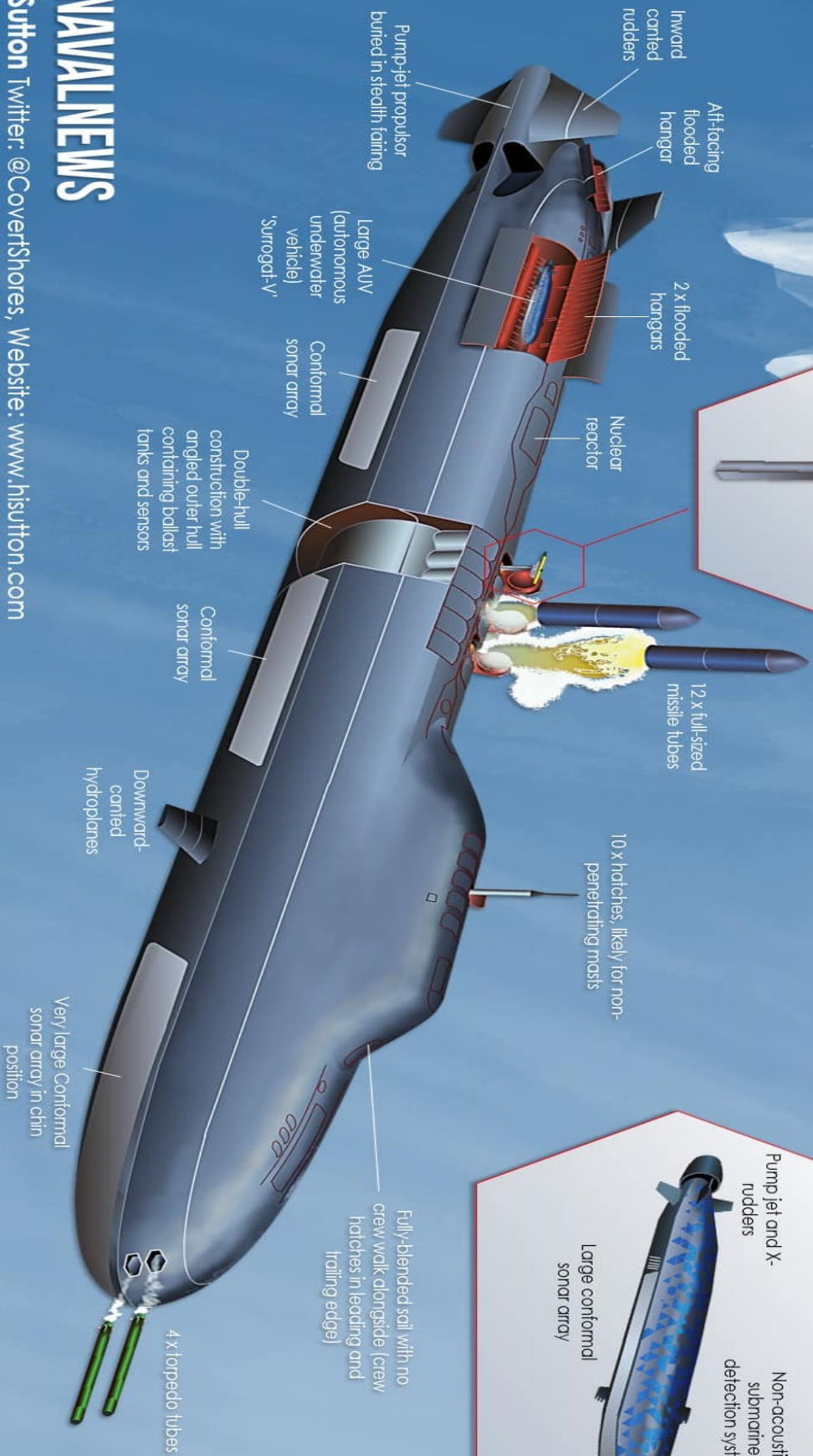
But the chances of Arcturus being built seem slim. The design is a company proposal rather than a sanctioned project, else it would have a project number. And the current Russian economic situation, and extensive delays in current submarine building, do not bode well for it.

But the design is interesting in its own right. And it shows the direction of thinking among Russian submarine designers. There may be hints of future designs which could actually make it into the water. Russia's submarine designers will do their best to keep up with the West, on paper if not in steel.



Russian 'Arctic' Nuclear Submarine Concept, 2022

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