



**Naval Submarine League  
Pacific Southwest Chapter  
Jul - Aug 2024 Newsletter**

<http://pacificsouthwest.navalsubleague.org>  
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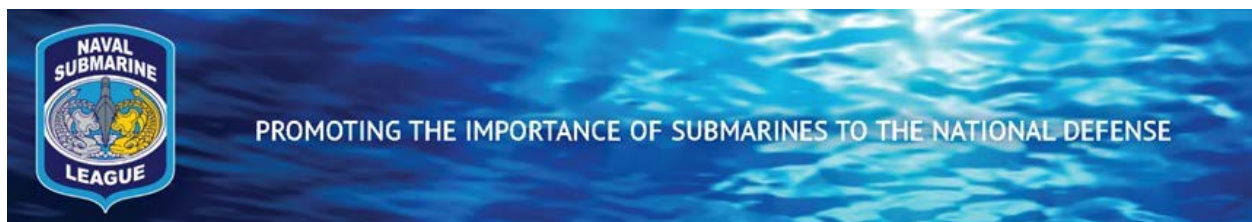


**Special NSLPACSW Summer Break Issue**



**Please plan to join us in September 2024  
for the next in-person luncheon / professional forum.  
Details will be announced in the September 2024 Newsletter**

*Bruce Renne, President ([pres@nslpacsw.com](mailto:pres@nslpacsw.com))*



**Highlights of the 11 June 2024 luncheon / professional forum with  
CDRE Ken Douglas, USN, Commander, Submarine Squadron 11,  
at the Oceanview Restaurant on Naval Base Point Loma**



*(L) Tropical Jim Bryant with Curtiss Wright representatives Omar Maestas & Sean Hartig.*



*(R) Gered Beeby is a long time friend of VADM Karl & Donna Kaup.*



*Dick Evert & John Thomas,*



*Steve Hahn, Bob Decesari & Steve Eppig*



*Jeff Fischbeck greets NSLPACSW  
President Bruce Renne.  
Bruce, it's great to have you back!*





*Bruce Renne called the meeting to order.*



*Chaplain Dan Robinson greeted the luncheon attendees before giving the invocation. LCDR Robinson will transfer to his next duty assignment at Balboa Naval Hospital in July.*



*Head table (clockwise from lower left): Bruce Renne (Chapter President), CDRE Ken Douglas (CSS-11), VADM (ret) Robert Thomas (Chapter VP), Terry McKearney (SDMAC), Joyce Murphy (Coronado Chapter, Navy League), Donna Kaup, CAPT (ret) Sam Ward (former Chapter President) & LT Mark Egan (NROTCU San Diego)*

## **Election of next year's NSLPACSW Chapter officers**

Sam Ward reported that all of the current Chapter officers volunteered to run for re-election. Absent any other candidates, all were confirmed by the elections that took place during the 11 June 2024 Chapter luncheon meeting. Your officers for next year are:

- President: Bruce Renne
- Vice President: VADM (ret) Robert Thomas, USN
- 2<sup>nd</sup> Vice President: CMDCM(SS) Brandon Wallis
- Treasurer: CAPT (ret) Jim Piburn, USN
- Secretary: Peter Lobner





CDRE Ken Douglas provided a briefing on his role as Commander, Submarine Squadron 11 and his dual role as Commander, Submarine Force U.S. Pacific Fleet, Representative West Coast.

CDRE Douglas' briefing slides are posted on the NSLPACSW website [here](#). This presentation includes the following overview of San Diego's submarine force of the future.

**COMSUBRON 11 DEFENSOR PACIS**

## SAN DIEGO SUBMARINE FORCE FUTURE

- Last 688 Class Homeport
- VA Class Arrival – 2035
- 7 SSN's by 2034
- UUV Expansion – Port Hueneme
- Potential VPM Homeport - 2040

USS Cheyenne entering drydock in Portsmouth for refueling

USS Virginia on sea trials

ORCA XLUVV

VACL Payload Module



Bruce Renne presented CDRE Douglas with a set of stone coasters bearing an image from a nautical map of San Diego Bay, including Naval Base Point Loma. CDRE Douglas will transfer to his next duty assignment after a change-of-command in August.

You'll find more photos from the June luncheon on the NSLPACSW website at the following links: [SLIDESHOW](#) (with captions) and [GALLERY](#).

## Los Angeles-class fast-attack submarine USS GREENEVILLE (SSN-772) arrived at its new homeport of Naval Base Point Loma

Welcome to San Diego! Under the command of CDR Chad Tella, USS GREENEVILLE and its crew of about 155 Sailors arrived at NBPL on 20 May 2024 following the completion of a 30-month Engineered Overhaul (EOH) at Portsmouth Naval Shipyard in Kittery, Maine. You'll find more details in the Submarine Squadron 11 announcement [here](#).



*USS GREENEVILLE arrives at Naval Base Point Loma.  
Sources: Wikipedia (emblem) & U.S. Navy photo by  
Mass Comms Specialist 1st Class Tiarra N. Brown*

## U.S. Navy's Submarine Industrial Base (SIB) program



The program, launched in 2022, is a partnership between the U.S. Navy and a critical network of Department of Defense suppliers, with the goal of enabling employers in the SIB to hire and retain employees with critical trade skills by connecting with career and technical training providers and career-seeking students. Naval Sea Systems Command (NAVSEA) [announced the current 2023 - 2024 Talent Pipeline Program](#) in November 2023. NAVSEA projects the need to hire 100,000 new skilled trade workers into the submarine industrial base over the next 10 years to support the Navy's programs to recapitalize its SSBN and SSN fleets and field replacements for its retiring SSGNs.

## **BUILD SUBMARINES**

This NAVSEA program is supported by the [Build Submarines website](#), which creates an online framework for suppliers to post their hiring needs and for candidates to post their profiles, browse opportunities and apply for specific jobs.



**WWII submariner GMC(SS) Henry “Hank” Kudzik, USN (Ret), veteran of the Battle of Midway, passed away on 11 May 2024, at the age of 99**

Gunner’s Mate Henry Kudzik served aboard *USS Nautilus* (SS-168) during the Battle of Midway. At the battle’s outset, *Nautilus* found herself being pursued and depth-charged by two Japanese destroyers. One of these destroyers, *Arashi*, raced from the encounter with *Nautilus* to rejoin the main Japanese fleet and was spotted by LCDR Wade



McClusky and his air group of SBD Dauntless dive bombers that were searching for the Japanese fleet. McClusky followed the course of the destroyer, found the main fleet and made the initial attacks on the Japanese carriers. At the conclusion of the Battle of Midway, four Japanese carriers had been badly damaged and later sank.



*USS Nautilus (SS-168) underway near Mare Island following repairs and alterations, August 1943. Note barrage balloons in abundance in the background  
Source: U.S. Navy Bureau of Ships Photograph BS-49950*

GMC(SS) Kudzik made eight war patrols on *Nautilus*, and following Midway, operated near the Japanese mainland. He later made six more war patrols on *USS Gar* (SS 206).

GMC(SS) Kudzik's other significant engagements during WWII included the Makin Island Raid, Bougainville, Papua New Guinea, Tarawa, Attu Island in the Aleutians, and Philippine Liberation. His awards include the Navy and Marine Commendation Medal, Navy Presidential Unit Citation, World War II Victory Medal, Philippine Presidential Unit Citation, and Philippine Liberation Medal.

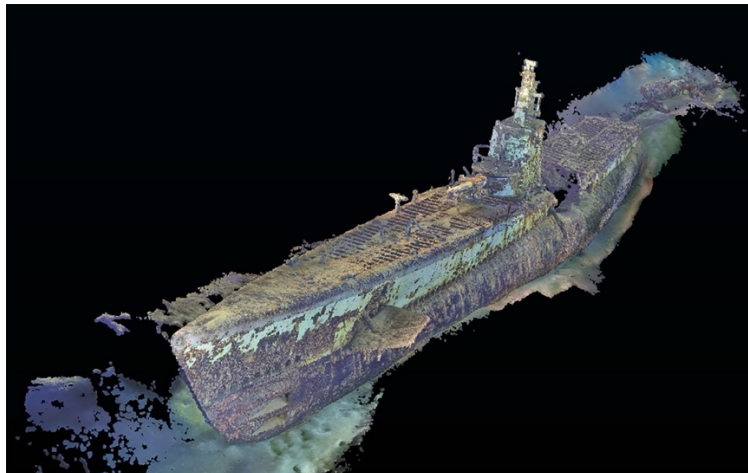
You can read a Naval Submarine League interview with GMC(SS) Kudzik in the September 2018 issue of *The Submarine Review*, starting on p. 63, [here](#).

GMC(SS) Kudzik was among the three veterans honored at the 81st Anniversary of the Battle of Midway Commemoration in June 2023 aboard the USS Midway Museum in San Diego. You can watch a short Fox 5 TV video report on this event, including brief comments by Kudzik, [here](#).

### **Resting place of the WWII submarine USS Harder (SS-257) has been found in the South China Sea, near Philippines' Luzon island**

On 22 May 2024, Tim Taylor, CEO of the [Lost 52 Project](#), announced that his team had located and surveyed the wreck of the USS Harder (SS-257) in the South China Sea, off the coast of the Philippines' northern island of Luzon. This discovery was [confirmed by the U.S. Navy](#) based on video footage taken of the wreckage, which shows the sub sitting upright on the bottom, mostly intact at a depth of 3,750 feet (1,140 m). A large hole on the port side just aft of the conning tower is visible, indicating that Harder likely received a direct hit by a depth charge.

Known for its slogan, "Hit 'em HARDER," this submarine, under the command of her legendary skipper, CDR Sam Dealey, sank the most Japanese warships during WWII. Harder was lost in August 1944 on its sixth war patrol.



*Image from 3-D model of USS Harder at the wreck site. Source: Lost 52 Project*

On the Lost 52 Project website, you can subscribe to their newsletter and also download archived newsletters.



## Have a submarine-themed picnic this summer

Find out how to make a real submarine sandwich, with all the fixings of summer, [here](#).



Source: PES via YouTube

How was this video made? PES has the answer for you [here](#).

A submarine-themed watermelon is sure to be a picnic favorite.



Source, both photos: Pinterest

Don't forget to make some submarine-themed desserts.

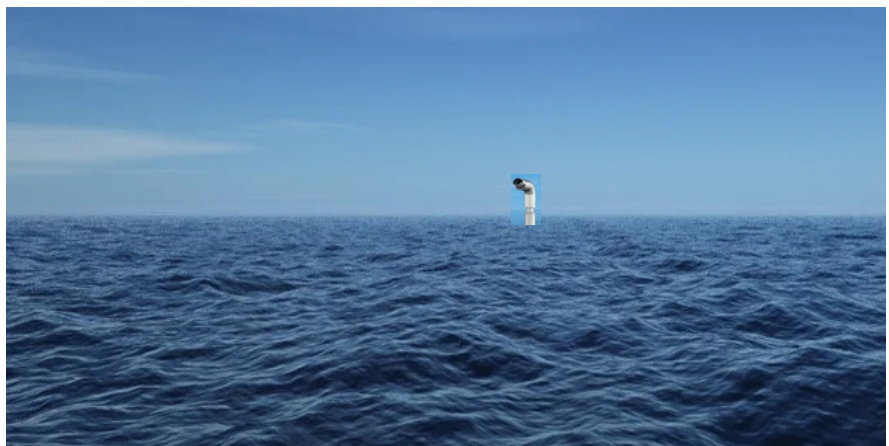


Submarine cupcake toppers. Source: Etsy



Submarine themed cakes. Source: Pinterest

...and then you can end the day with an [Argentine El Submarino hot chocolate drink](#) while watching a submarine race. Remember, the best El Submarinos are made with Argentine chocolate in the shape of little submarines.





## Visit a submarine museum or memorial this summer

There are 21 WWII and post-WWII submarines in the USA that are open to the public for visits. You'll find them all listed on the [submarinemuseums.org](http://submarinemuseums.org) website, along with links to additional details on each museum. More information is provided on the following NSL and USSVI websites:

- Naval Submarine League: On the NSL website, the [Heritage webpage](#) has links to 10 submarine museums and 3 memorials.
- U.S. Submarine Veterans, Inc (USSVI): Their very comprehensive "U.S. Submarine Memorials and Artifacts Locator File," is indexed by state and boat name and is available online here: <http://militaryhonors.sid-hill.us/mem/submem.htm>

Following is a selection of museums and submarine memorials to supplement NSL's online list.

- **The National WWII Museum** in New Orleans, LA (<https://www.nationalww2museum.org/visit>).

Be sure to check out their [USS Tang Submarine Experience](#), which places visitors aboard the most successful submarine in World War II for its fifth and final war patrol.



*Source: National WWII Museum*

- **National Museum of the US Navy** in the Washington Navy Yard in Washington D.C. (<https://www.history.navy.mil/content/history/museums/nmusn.html>)

The bathyscaphe Trieste is in the main exhibit hall. Also check out their exhibit, "[Dive! Dive! Dive! U.S. Navy Submarines](#)," which includes control panels from a 637-class attack sub.



Source: National Museum of the US Navy

- **Moro Bay Maritime Museum** in Moro Bay, CA (<https://morrobaymaritime.org/the-fleet/>)

If you find yourself on the California central coast this summer, you can make a quick stop to see the Deep Submergence Rescue Vessel *Avalon* (DSRV-2) in an outdoor display.



Source: Moro Bay Maritime Museum

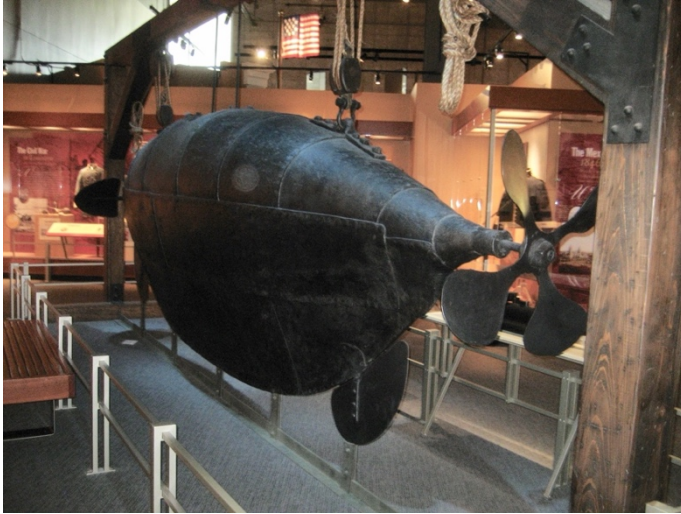
*Avalon* and its counterpart, *Mystic* (DSRV-1), were designed to rescue up to 24 people at a time from a stricken submarine sitting on the sea floor. Both entered service in 1977 and were deactivated in 2008.



*Mystic* has been restored and has been on display since 2021 at the [U.S. Naval Undersea Museum](#) in Keyport, WA.



- **Capitol Park Museum** in Baton Rouge, LA (<https://www.louisianastatemuseum.org/museum/capitol-park-museum>)



Here you'll find a lesser known Confederate submarine, the [Bayou St. John submarine](#). It apparently was scuttled in Bayou St. John during the Civil War and rediscovered during dredging operations in 1878. The submarine was restored prior to being installed at the Capitol Park Museum.

*Bayou St. John submarine.  
Source: Louisiana State Museums via Wikipedia*

- **52 Boats Memorial** at Liberty Station in San Diego CA (<https://52boatsmemorial.com/home.html>) and (<https://libtystation.com/events/centennial/a-walk-back-through-time/the-52-boats-memorial>)

This memorial pays tribute to the lives of 3,617 American submariners lost in World War II. Two walkways cross the park, which is lined with memorials that tell a brief history of each of the 52 submarines lost during the war and the critical difference each made to the outcome of the war.



*Source: libtystation.com*

- **National Submarine Memorial - West** at the Naval Weapons Station in Seal Beach, CA (<https://submarinememorial.org/index.html>)

This memorial features 52 granite stones arrayed in a broad arc representing the submarines lost in WWII and a Wall of Honor inscribed with the names of the 3,617 submariners who gave their lives in the Silent Service during WWII.



*Source: USSVI*

- **US SUBVETS WWII National Memorial East** in Thames River Heritage Park in Groton, CT (<https://www.thamesriverheritagepark.org/subvets-wwii-national-memorial-east/>)

With the conning tower of the USS Flasher (SS-249) as its centerpiece, 52 engraved granite stones around the concrete walkways honor each of the US submarines lost in World War II.



Source: [Thames River Heritage Park.org](https://www.thamesriverheritagepark.org)

- **Submarine Lifeguard League Monument** on Bay Front Boulevard in Pensacola, FL (<http://militaryhonors.sid-hill.us/mem/state-f.htm>)

Dedicated in 2002, this monument contains an etching of a submarine rescuing a downed aviator and a brief history of the Submarine Lifeguard League. It also lists the names of 86 submarines that rescued more than 500 downed aviators in the Pacific from 1943 to 1945. The most well-known pilot rescued was Navy LT George H.W. Bush, former President of the United States.



Source: [USSVI](http://USSVI.org), [Military honors by state](http://militaryhonors.sid-hill.us)



- **T. Stell Newman Visitor Center** in the National Historical Park on Guam (<https://www.nps.gov/wapa/t-stell-newman-visitor-center.htm>)

A WWII Japanese Type C class midget submarine (serial number "Ha-51") is on display in front of the park visitor center, just outside the main gate of Naval Base Guam. The submarine was recovered after it ran aground off the southeastern coast of Guam in shallow water in mid-August 1944 while on a mission to attack American facilities. See more information on the Type C sub [here](#).



**Visit some of the many smaller submarine memorials around the country that incorporate conning towers, sails and fins from decommissioned subs**

- **USS Parche Memorial** in Bremerton, WA (<https://www.atlasobscura.com/places/sail-of-the-uss-parche>)

The USS *Parche* (SSN-683) was a Sturgeon-class nuclear submarine launched in 1973. During its many years of service, it was awarded nine Presidential Unit Citations, 10 Navy Unit Commendations, 15 Navy Battle "E" awards, and 13 Navy Expeditionary Medals, making it the most decorated vessel in U.S. Navy history. The submarine's sail was preserved and is displayed in Harborside Park as the centerpiece of an outdoor plaza near the Puget Sound Navy Museum.

*Source: CrackdogX via Atlas Obscura*



- **Deterrent Park** on Naval Submarine Base Bangor in Bangor, WA ([https://www.ussjamesmonroeassn.org/?page\\_id=262](https://www.ussjamesmonroeassn.org/?page_id=262))

Deterrent Park commemorates the "41 for Freedom" Polaris Fleet Ballistic Missile (FBM) submarines. The park features a full-size replica of a SSBN topside and utilizes the actual sail and upper rudder of the *USS Woodrow Wilson* (SSBN-624), a Lafayette-class Polaris boat. In order to enter the Bangor Base to go to Deterrent Park you must have a valid military ID card

*Source: USS James Monroe Association*



- **USS Triton Sail Park** in Richland, WA (<https://portofbenton.com/our-properties-facilities/wine-tourism-agribusiness/uss-triton-sail-park/>) and (<https://www.nps.gov/places/000/uss-triton-sail-park.htm>)

*USS Triton* (SSN-586) was the first nuclear submarine to sail around the world submerged and also was the first to be retired from service. The sail of the USS Triton has been preserved and is on display in a riverside park that is part of the National Park Service's Manhattan Project National Historical Park.

On a Triton Sail tour, you can enter the sail itself, examine the original controls and periscope. The sail also includes a well-preserved conning tower, the submarine's command center where the captain directed attacks and navigation.



Source: NPS / Burghart

- **USS Indianapolis sail memorial** at the Indiana Military Museum in Vincennes, IN (<https://www.indianamilitarymuseum.com/visit>)

The extensive military displays at this museum include the sail of the Los Angeles-class *USS Indianapolis* (SSN-697) on a built up replica of the forward section of the hull.



Source: Indiana Military Museum



- **USS James K. Polk sail memorial** at the National Museum of Nuclear Science & History in Albuquerque, NM (<https://www.nuclearmuseum.org>)

*USS James K. Polk* (SSBN-645) was a Benjamin Franklin-class Polaris Fleet Ballistic Missile (FBM) submarine. It was decommissioned in 1999 and its sail is preserved and on display outside the museum.



Source: Balon Greyjoy via Wikipedia

- **USS Nathanael Greene sail memorial** at Port Canaveral, FL

The *USS Nathanael Greene* (SSBN-636) was a James Madison-class FBM submarine that was decommissioned in 1986. The sub's sail was preserved and is on display by the waterfront as a memorial to the original "41 for Freedom" FBM submarines.



Source: Latty Syverson via flickr

- **USS Lapon sail memorial and USS Nathanael Greene marker** at American Legion Post 639 in Springfield, MO (<https://www.hmdb.org/m.asp?m=70341>)

*USS Lapon* (SSN-661) was a Sturgeon-class nuclear attack sub that was decommissioned in 1992. Its sail is preserved and is on display outside American Legion Post 639 near the *USS Nathanael Greene* (SSBN-636) marker.



Source: Lee Hattabaugh via Historical Marker Database

- **USS Sailfish (former USS Squalus) conning tower memorial & USS Greyling sail memorial** at the Portsmouth Naval Shipyard (PNSY) in Kittery, ME (<https://webarchive.library.unt.edu/web/20161019020048/http://www.navsea.navy.mil/Home/Shipyards/Portsmouth/>) and (<https://www.pinterest.com/pin/563018682768938/>)

USS Squalus (SS-192) sank during sea trials in 1939. The McCann Rescue Chamber was rushed from New London and used to rescue many of the crew. Squalus was raised, rebuilt and recommissioned as USS Sailfish (retaining its original designation SS-192) just a year after she had sunk. The bridge and conning tower of Sailfish are on display at the shipyard as a memorial to the 26 officers and men lost on Squalus.

USS Greyling (SSN-646) was a Sturgeon-class fast attack sub built at PNSY, commissioned in 1969 and decommissioned in 1997. The sail is located in the heart of PNSY, in an area designated as “Workers’ Park”, which honors the thousands of employees who have worked at the facility during the past two centuries since PNSY was founded in 1800. Today PNSY is the Navy’s oldest publicly-owned shipyard.



(L) USS Sailfish conning tower. Source: PNSY, and (R) USS Greyling sail. Source: Don McClane via Pinterest

- **USS George Bancroft sail memorial** at Kings Bay Naval Submarine Base, GA (<https://www.exploregeorgia.org/st-marys/general/historic-sites-trails-tours/uss-bancroft-sail-exhibit>)

USS George Bancroft (SSBN-643) was a Benjamin Franklin-class Polaris FBM submarines whose sail was preserved after decommissioning in 1993 and has been incorporated into a full-size, land-locked replica of the hull, providing a view of an underway FBM submarine surfacing in a sea of grass outside the Franklin Gate at the Submarine Base.





*USS George Bancroft (SSBN-643) recreated. Source: exploregeorgia*

- **The Fin Projects: From Swords to Plowshares** at Magnuson Park at Sand Point in Seattle (1998) and at Pelican Harbor Park in North Bay Village, Miami, FL (2002) (<https://faculty.washington.edu/jtyoung/fins.html>)

These are two expansive outdoor art installations by John T. Young comprised of 22 fairwater planes from Cold War-era nuclear-powered attack submarines arranged to resemble the dorsal fins of a large school of fish, porpoise or Orcas. The Miami site includes a memorial component specific to U.S. submariners of the Cold War era rather than being just a public art installation as in Seattle.



*Fins in Seattle. Source: Dean Rutz / The Seattle Times*



*Fins in Miami. Source: USSVI, Military honors by state*

If you're travelling internationally this summer, you might want to check out Wikipedia's list of international submarine museums and memorials [here](#).

Have fun finding a submarine museum or memorial to visit during your summer travels.

### **Join a local submarine celebration**

While there will be a great number of local celebrations and fireworks displays across the nation on July 4<sup>th</sup>, here are a couple that uniquely involve submarines. If your summer travels put you nearby, consider joining one of these celebrations.

- **SubFest on July 4<sup>th</sup> at the Wisconsin Maritime Museum** in Manitowoc, WI (<https://www.wisconsinmaritime.org/programs-and-events/subfest/>)
  - The museum website notes, "There will be live music, food, submarine tours, historical presentations, fireworks, kid-friendly activities, a parade, and so much more!"
- **Arkansas Inland Maritime Museum and Pops on the River**, North Little Rock, AR. The museum Website & Facebook pages offer, "If you are looking for something to do on July 4th, be sure to purchase your tickets to watch the fireworks aboard the USS Razorback!" For more details:
  - Museum Facebook page: <https://www.facebook.com/AIMMuseum>
  - Pops on the River: <https://www.littlerock.com/events/annual-festivals-events/4th-of-july/>



*Fireworks over the Main Street Bridge & USS Razorback (SS394).  
Source: Celebrate on the submarine, City of North Little Rock*



## **Catch up on your summer reading**

### **Submarine Force news reported by the U.S. Naval Institute (USNI)**

- Gordon Arthur, “Attack Submarines Dominate Record High \$36.8 Australian Defense Budget,” USNI News, 20 May 2024: <https://news.usni.org/2024/05/20/attack-submarines-dominate-record-high-36-8-australian-defense-budget>
- John Grady, “Senators Quiz Navy Leaders on Proposed Sea-Launched Nuclear Cruise Missile,” USNI News, 24 May 2024: <https://news.usni.org/2024/05/24/senators-quiz-navy-leaders-on-proposed-sea-launched-nuclear-cruise-missile>
- Sam Lagrone, “Russian Nuclear Sub, Frigate with Long Range Land Attack Missiles Operating Off East Coast,” USNI News, 12 June 2024: <https://news.usni.org/2024/06/11/russian-nuclear-sub-frigate-with-long-range-land-attack-missiles-operating-off-east-coast>

### **Submarine Force news from Congressional Research Service (CRS) & GAO**

- “AUKUS Pillar 2 (Advanced Capabilities): Background and Issues for Congress,” Congressional Research Service, Report R47599, Updated 21 May 2024: <https://crsreports.congress.gov/product/pdf/R/R47599>
- “In Focus - Russia’s Nuclear Weapons,” Congressional Research Service, Report IF12671, Version 1, 21 May 2024: <https://crsreports.congress.gov/product/pdf/IF/IF12672>
- “Nuclear-Armed Sea-Launched Cruise Missile (SLCM-N),” Congressional Research Service, Report IF 112084, updated 31 May 2024: <https://crsreports.congress.gov/product/pdf/IF/IF12084>

### **Other U.S. submarine news**

- Warren Cornwall, “Alvin, the iconic research submersible, plunges deeper than ever,” Science, 21 May 2023: <https://www.science.org/content/article/em-alvin-em-iconic-research-submersible-plunges-deeper-ever>
- Lolita Baldor, “US submarine pulls into Guantanamo Bay a day after Russian warships arrive in Cuba,” Associated Press, 13 June 2024: <https://apnews.com/article/russia-cuba-us-submarine-ukraine-bac0519f4fdba30a5ef210447d50a671>

### **International submarine news - General**

- “Submarine Proliferation Resource Collection,” NTI – Building a Safer World, Updated 5 April 2024: <https://www.nti.org/analysis/resource-collections/submarine-proliferation-resource-collection/>

## International submarine news - UK

- John Hill, “Longest segment of the UK Dreadnought submarine constructed,” Naval Technology, 23 October 2023: <https://www.naval-technology.com/news/longest-segment-of-the-uk-dreadnought-submarine-constructed/>
- Peter Briggs, “SSN AUKUS is at the back of the queue,” The Strategist, 27 February 2024: <https://www.aspistrategist.org.au/ssn-aukus-is-at-the-back-of-the-queue/>
- “Babcock Awarded Contract To Refit UK Submarine HMS Victorious,” Naval News (Babcock press release), 1 March 2024: <https://www.navalnews.com/naval-news/2024/03/babcock-awarded-contract-to-refit-uk-submarine-hms-victorious/>
- Megan Eckstein, “AUKUS sub design deemed ‘mature’ as nations debate top technologies,” DefenseNews, 15 April 2024: <https://www.defensenews.com/naval/2024/04/15/aukus-sub-design-deemed-mature-as-nations-debate-top-technologies/>
- “SSN-AUKUS-Class Nuclear Attack Submarines, UK,” Naval Technology, 17 April 2024: <https://www.naval-technology.com/projects/ssn-aukus-class-nuclear-attack-submarines-uk/>



*SSN-AUKUS design concept. Source: BAE Systems*

- “Royal Navy's newest submarine officially named (Agamemnon) in Barrow,” Royal Navy, 23 April 2024: <https://www.royalnavy.mod.uk/news-and-latest-activity/news/2024/april/23/240423-royal-navy-newest-submarine-officially-named-in-barrow>



## International submarine news - France

- Xavier Vavasseur, “France Cuts Steel On Its First Next Gen SSBN – SNLE-3G,” NavalNews, 20 March 2024: <https://www.navalnews.com/naval-news/2024/03/france-cuts-steel-on-its-first-next-gen-ssbn-snle-3g/>
- Xavier Vavasseur, “France’s 2nd Suffren-Class Nuclear Powered Submarine Enters Service,” NavalNews, 6 April 2024: <https://www.navalnews.com/naval-news/2024/04/frances-2nd-suffren-class-nuclear-powered-submarine-enters-service/>
- Peter Suci, “Suffren-Class: France Now Has One of Best Nuclear Submarines on Earth,” National Interest, 12 April 2024: <https://nationalinterest.org/blog/buzz/suffren-class-france-now-has-one-best-nuclear-submarines-earth-210548>
- “AP PHOTOS: Aboard France’s aging nuclear submarines — old boats but new missions,” Associated Press, 16 April 2024: <https://apnews.com/article/nato-france-navy-submarine-photos-5251db6ce0af77f927c696e4bf0f526d>

## International submarine news - China

- Aaron Tu, “Report casts light on China’s submarine fleet,” Taipei News, 8 January 2024: <https://www.taipeitimes.com/News/taiwan/archives/2024/01/08/2003811792>

## International submarine news - Russia

- H.I. Sutton, “Russian Submarine Hit By Missiles Now In New Hiding Place In Sevastopol,” NavalNews, 7 June 2024: <https://www.navalnews.com/naval-news/2024/06/russian-submarine-hit-by-missiles-now-in-new-hiding-place-in-sevastopol/>

For more submarine news, visit the [NSL website](#).

### Mark your 2024 calendars for these upcoming events

- July – August 2024: **NSLPACSW Chapter summer recess**
- 10 September (Tuesday): **Next Chapter Luncheon**

Visit the NSLPACSW website for a more complete [2023/2024 calendar of events](#).

