



Naval Submarine League Pacific Southwest Chapter February 2023 Newsletter

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Our program for **FRIDAY, 17 February 2023:**
CAPT Amy Bauernschmidt, USN,
Commanding Officer, USS Abraham Lincoln (CVN 72)



Please plan to join us at the Oceanview on
Naval Base Point Loma (NBPL) for this
in-person Valentine's luncheon / forum.

CAPT Amy Bauernschmidt, USN

CAPT Amy Bauernschmidt is the first woman to serve as the executive officer and then as the commanding officer of a U.S. Navy aircraft carrier. CAPT Bauernschmidt assumed command of the USS Abraham Lincoln (CVN-72) on 19 August 2021.

She is a native of Milwaukee, WI and graduated in 1994 from the Naval Academy with a BS in Ocean Engineering. She earned a MA in National Security and Strategic Studies from the Naval War College, is a nuclear power school graduate, and a Naval Aviator.

Her sea tours include the "Wolfpack" of Helicopter Anti-submarine Squadron Light (HSL) 45, twice deployed with USS John Young (DD 973) in support of maritime interdiction operations in the Northern Arabian Gulf; aide-de-camp to Commander, Carrier Strike Group 7 deployed with USS John C. Stennis (CVN 74) supporting Northern Edge and Rim of the Pacific exercises; the "Warlords" of HSL-51, twice deployed aboard USS Kitty Hawk (CV 63); executive and commanding officer of the "Spartans" of Helicopter Maritime Strike Squadron (HSM) 70 deployed aboard USS George H.W. Bush (CVN 77) in support of Operation Enduring Freedom; Exec. officer, USS Abraham Lincoln (CVN 72); and Commanding officer, USS San Diego (LPD 22).

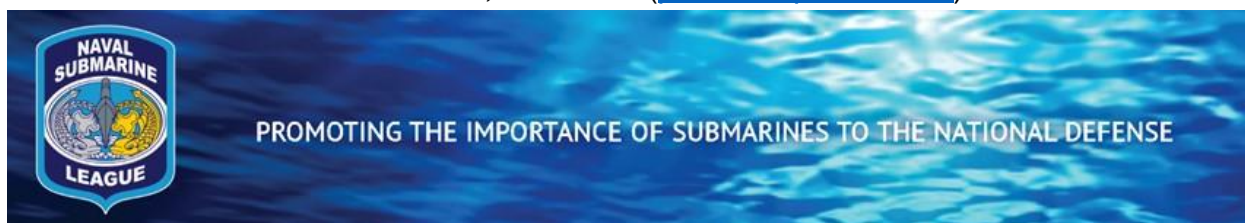
Ashore her tours include instructor pilot and quality assurance officer at the "Seahawks" of HSL-41; executive assistant and action officer to the Director, Joint Staff/J6; and senior military advisor to the Secretary of State's Office of Global Women's Issues enhancing women's peace and security through worldwide initiatives.

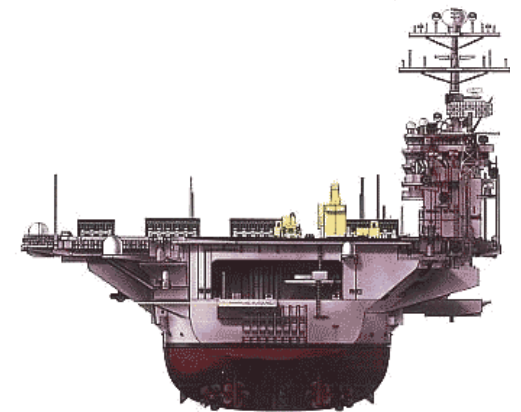
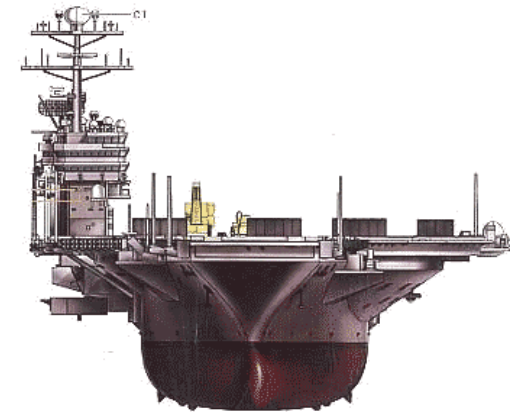
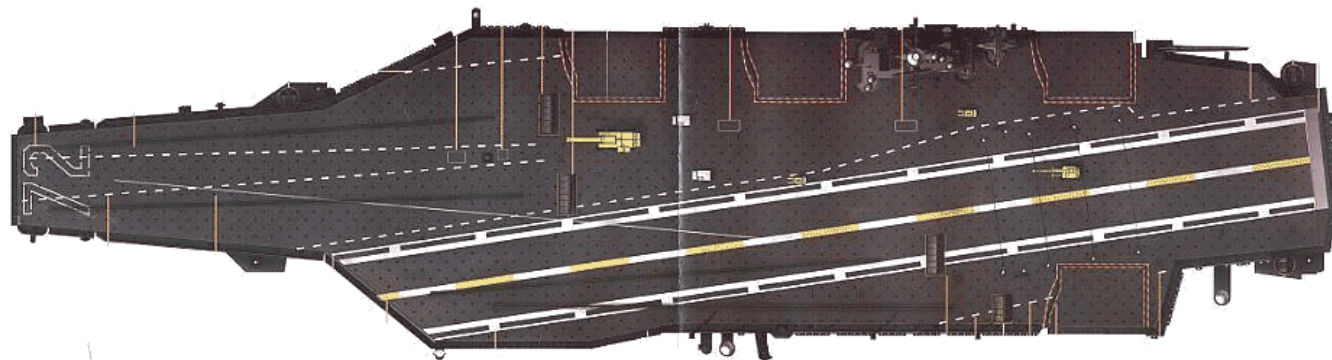
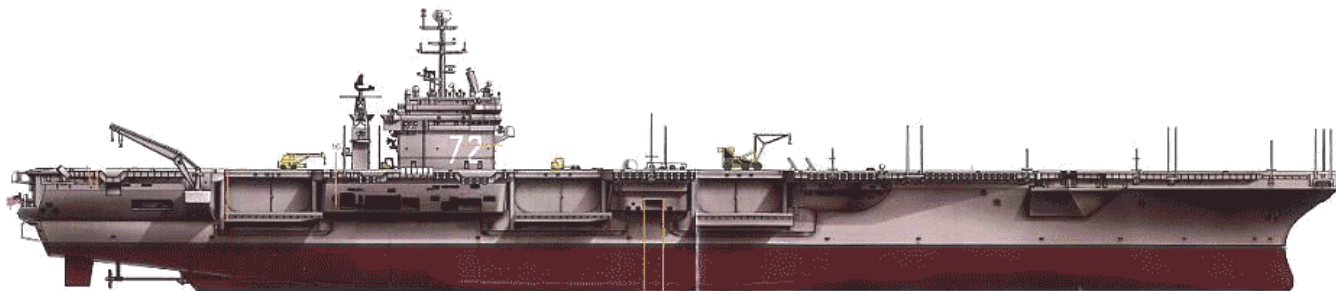
CAPT Bauernschmidt has accumulated over 3,000 flight hours in naval aircraft. Her personal awards include the Legion of Merit, Defense Meritorious Service Medal, Meritorious Service Medal, Navy/Marine Commendation Medal, Navy and Marine Corps Achievement Medal and various unit, campaign and service medals.



USS Abraham Lincoln (CVN 72) is the fifth ship in the Nimitz - class of nuclear powered aircraft carriers and is one of three CVNs homeported in San Diego, CA. The USS Abraham Lincoln, its strike group and air wing returned home to San Diego on August 11th after a seven-month deployment in the Pacific, during which it conducted presence patrols and participated in two exercises with Japanese forces, while also participating in the multinational Rim of the Pacific (RIMPAC) exercise in Hawaii. The carrier strike group included the guided-missile cruiser Mobile Bay and the guided-missile destroyers Gridley, Sampson, Spruance and Fitzgerald. All are elements of the U.S 3rd Fleet.

Bruce Renne, President (pres@nslpacsw.com)





www.the-blueprints.com

USS ABRAHAM LINCOLN (CVN 72).
Source: Dr. Dan Saranga via the-blueprints.com

**Highlights of our 10 January 2023 Luncheon / Forum at the Oceanview
on Naval Base Point Loma with Mr. Marty Cooper and
Vice Admiral Michael Boyle, Commander, U.S. 3rd Fleet**



Dick Ahlborn (L) and President Bruce Renne (R) greet the NSL 2022 Distinguished Submariner, Marty Cooper, and his wife and business partner Arlene Harris.



CAPT Ken Franklin, CO, Naval Base Point Loma greets naval aviator Dick Evert.

Sam Ward delivers the invocation to start the luncheon meeting.



VADM Michael Boyle (COMTHIRDFLT) with RADM (Ret) John Jolliffe (former Deputy COMTHIRDFLT)



L-R: CAPT Ken Franklin (CO, NBPL), Commodore Ken Douglas (COMSUBRON 11), VADM Michael Boyle (COMTHIRDFLT), Bruce Renne, Arlene Harris, Marty Cooper, Dick Ahlborn, RADM (Ret) John Jolliffe



L-R: RADM (Ret) Fran Holian, Don Mathiowetz, LCDR Steven Brinkley (3rd Fleet Staff), Sam Ward, LCDR Cody Davis (XO, NBPL), Larry Brenner, Cliff Wiese

After opening our January 2023 meeting, Bruce Renne introduced our Guest of Honor, Del Mar, CA resident Marty Cooper, who in August 2022 was selected as the Naval Submarine League's 2022 Distinguished Submariner. This award is given to a submarine-qualified person, enlisted or officer, whose extraordinary lifetime achievements have contributed to the submarine force, the Navy, or the nation.



On behalf of NSL, our Chapter had the honor of conferring this award in-person to Marty Cooper, which included a lifetime membership in NSL.

Marty served as an officer on the USS TANG (SS-563) and, after the Navy, he became a pioneer in the wireless communications industry, especially in radio spectrum management, with eleven patents in the field. On 3 April 1973, while working for Motorola, Marty Cooper placed the first public call from a cell phone. He led the Motorola team that produced the first handheld cellular mobile phone (a DynaTAC, also known as a "brick") in 1983. Cooper is co-founder of numerous communications companies with his wife and business partner Arlene Harris.



(Left) We watched a video of the 2022 NSL award ceremony, which Marty Cooper was unable to attend. (Right) Bruce Renne presented the award, which Marty graciously accepted.



Our main speaker, VADM Boyle (COMTHIRDFLT), joined Marty Cooper and Bruce Renne at the podium



VADM Boyle provided a comprehensive briefing on 3rd Fleet activities and explained how elements of 3rd Fleet deploy to participate in complex international exercises like RIMPAC, and to deploy to the Western Pacific in support of 7th Fleet.



Bruce Renne thanks VADM Boyle and presents a copy of "A Century of Submarines in San Diego."

We had 40 attendees at the January 2023 luncheon. You can view and download a more extensive set of photos from the January 2023 luncheon on the NSLPACSW website as a [slideshow](#) (with captions) for sequential viewing and as a [gallery](#) of the same photos.

Mark your calendars for these upcoming events

- Feb 17: Chapter Valentine's Luncheon – **It's on FRIDAY, not TUESDAY**
- Mar 14: Chapter Luncheon - **back to our regular TUESDAY meeting**
- Apr 14: Old Timers Luncheon and Tolling of the Boats
- Apr 15: Submarine Birthday Ball San Diego

Check the NSLPACSW website for a more complete [2022/2023 calendar of events](#).

How to Surface a Submarine in the Arctic Ocean

Our December 2022 speaker was Mr. Theo Goda, who is the Ice Exercise (ICEX) Program Manager at the ASL's Undersea Warfighting Development Center on Point Loma. Mr. Goda provided a comprehensive review of current ICEX activities, which require nuclear submarines to operate under the ice and surface through the ice.

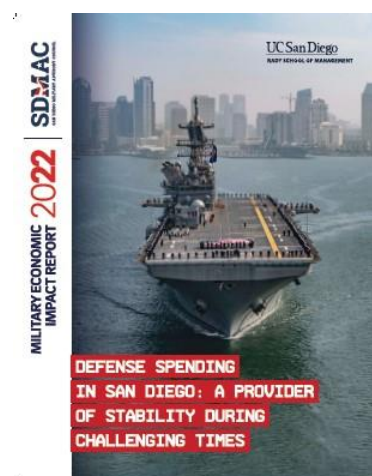
To help communicate to the public about ICEX, the U.S. Navy asked engineer Destin Sandlin to make a YouTube video on the subject. Aboard the USS TOLEDO (SSN-769), a Los Angeles Flight III-class (688i) submarine, Sandlin had unprecedented access (with certain security restrictions, of course) to capture excellent footage from which he produced his "Deep Dive" series of nine submarine YouTube videos. After Mr. Goda's ICEX briefing, a good place to start would be:

- How to Surface a Submarine in the Arctic Ocean - Smarter Every Day 260 (42.01 min): <https://www.youtube.com/watch?v=XFJnWp1tAdU>

Here are links to the other videos in the Smarter Every Day "Deep Dive" series:

- How I Boarded A US NAVY NUCLEAR SUBMARINE in the Arctic (ICEX 2020) - Smarter Every Day 237 (34.39 min): <https://www.youtube.com/watch?v=5d6SEQQbwtU&t=32s>
- Boarding A US NAVY NUCLEAR SUBMARINE in the Arctic - Smarter Every Day 240 (29.24 min): <https://www.youtube.com/watch?v=RXXMJAU6vY8>
- Crawling Down a Torpedo Tube - US NAVY Nuclear Submarine - Smarter Every Day 241 (20.32 min): <https://www.youtube.com/watch?v=UYEyhB0AGlw>
- How to Fight Fire or Flooding on a Nuclear Submarine - Smarter Every Day 244 (27.00 min): <https://www.youtube.com/watch?v=ajK1QMP7Zyl>
- How to Make Pizza on a Submarine - Smarter Every Day 246 (16.28 min): <https://www.youtube.com/watch?v=bPJUVKizh90>
- How Sonar Works (Submarine Shadow Zone) - Smarter Every Day 249 (26.41 min): <https://www.youtube.com/watch?v=AqqaYs7LjIM>
- How Do Nuclear Submarines Make Oxygen? - Smarter Every Day 251 (29.33 min): <https://www.youtube.com/watch?v=g3Ud6mHdhlQ>
- How to Poop on a Nuclear Submarine - Smarter Every Day 256 (23.24 min): <https://www.youtube.com/watch?v=SYFuA3xnkUE&t=1s>

San Diego Military Advisory Council (SDMAC) released their 2022 Military Economic Impact Report (MEIR)



On 14 December 2022, SDMAC released its 2022 Military Economic Impact Report (MEIR), which highlights the positive fiscal and societal impacts of federal defense budgets, veteran benefits and retirement pay, and civic involvement by our military-connected community in the San Diego region. This report is a product of SDMAC's partnership with UC San Diego's prestigious Rady School of Management. In the report, SDMAC noted, "As the home port for about 24% of all Navy vessels and 17% of Active Duty personnel, San Diego has one of the largest naval personnel concentrations in the country.....San Diego is home port to a wide variety of Navy ship classes, including Aircraft Carriers (CVN), Amphibious Ships (LHA, LHD, LPD, and LSD), Cruisers (CG), Destroyers (DDG and DDG-1000),

Littoral Combat Ships (LCS), Mine Countermeasure Ships (MCM), and Fast Attack Submarines (SSN)."

You can view and download the report here: <https://www.sdmac.org/impact-study/sdmac-2022-military-economic-impact-report-2022-meir/>

NSLPACSW is a member of SDMAC.

The Navy's Marine Mammal Program in the news



The Marine Mammal Program run by Naval Information Warfare Center-Pacific has been homeported at Naval Base Point Loma in San Diego since the 1960s. The program maintains a small force of bottlenose dolphins and sea lions that can be deployed to recover lost equipment, intercept intruders in ports, and detect buried sea mines. Several years ago, NSLPACSW organized a tour of the marine mammal facilities on NBPL for its members.

The program and its continued funding have been in the news recently. You can read the story here: https://www.military.com/daily-news/2022/12/31/60-years-navy-has-been-training-dolphins-and-sea-lions-keep-rivals-away-its-most-sensitive-hardware.html?ESRC=eb_230103.nl

Our program for March

The NSLPACSW luncheon / professional forum in March will be held at the Oceanview on TUESDAY, 14 March 2023. Our speaker will be RADM John "Mac" McLaughlin, USN (Ret.), President & CEO, USS Midway Museum.



NSLPACSW Luncheon / Professional Forum Reservations Information

<http://pacificsouthwest.navalsubleague.org>

Luncheon / Professional Forum

Naval Submarine League, Pacific Southwest Chapter

11:15 AM, **FRIDAY, 17 February, 2023**

Oceanview at Ballast Point, Building 501, Naval Base Point Loma.

Lunch is served at 11:50 AM.

The meeting is called to order about 30 minutes later and concludes after a Q & A session, usually a bit after 1:00 PM.

For Members and Guests:

The Luncheon/Forum price is **\$30 per person**, payable at the door with cash or check made payable to: NSLPACSW Chapter.

All active duty enlisted and officers O-1 to O-3 are guests of the Chapter and welcome to attend at no charge.

Make your reservations with Jim Piburn by e-mail:
treas@nslpacsw.com



- Include the names of members and guests attending.
- If you have a valid ID that allows you access to Naval Base Point Loma (an active duty, DoD CAC, retired military or Dependent ID or have a current Form 5512 on file at NBPL), then make your reservation by close of business **Monday, 13 February, 2023**.
- If you are unsure of your base access status, please contact Jim Piburn at treas@nslpacsw.com at least 2 weeks prior to the luncheon to work out access details.
- Any cancellations are required by noon **Tuesday, 14 February, 2023**.

