

Austal USA Breaks Ground on New Manufacturing Facility for Submarine Modules



From Austal USA

Mobile, Ala. – Austal USA celebrated the start of construction for a new manufacturing facility for submarine modules (MMF3) today. This new building, scheduled to be fully operational in late 2026, will significantly increase Austal USA's capacity to support the U.S. Navy Submarine Industrial Base (SIB).

The new building will provide 369,600 square feet of indoor manufacturing space purpose-built to manufacture submarine modules. The production from this building will support the U.S. Navy's goal of delivering one Columbia-class and two Virginia-class submarines annually. It will include a

material storage area, machine shop, assembly area, and waterfront improvements to support the shipment of the completed modules via barge.

This project, combined with the recent groundbreaking for another manufacturing building, represent over \$750M in expansion of Austal USA's Mobile facility further solidifying Austal USA's role as a major contributor to Alabama's economy. The two buildings, when fully operational, will add over 2,000 new jobs. In 2023, Austal USA's contracts were supported by 259 Alabama-based suppliers accounting for over \$115 million of business. This includes 185 small businesses, over 50 percent of the total spend.

"Austal USA's continued expansion in Mobile is a testament to Alabama's growing leadership in the defense industry and our commitment to supporting our nation's security needs," Governor Kay Ivey said. "This new facility for submarine module manufacturing reinforces Austal's vital role in delivering the advanced capabilities required by these vital submarine programs. The creation of 2,000 jobs and the investment in cutting-edge manufacturing technologies further demonstrates Austal's dedication to both Alabama's economy and our national defense."

"Austal USA is committed to supporting national security initiatives like the Navy's Virginia and Columbia-class submarine programs, evidenced by our aggressive infrastructure and workforce expansion efforts," commented Austal USA President Michelle Kruger. "The key to our success is the strong partnerships we have built with not only our customers but also our employees and the amazing community surrounding us. We are grateful for the unending support we continue to receive from the city and county of Mobile and the great state of Alabama."

In July Austal USA started construction on a new assembly building to enable the erection of large steel modules for

Navy and Coast Guard ships, including the Offshore Patrol Cutter (OPC) and TAGOS-25 programs. The building will occupy four and a half acres providing over 192,000 square feet of new indoor manufacturing space. This project will include a shiplift system that features an articulated lifting platform approximately 450 feet long by 125 feet wide. The shiplift will provide a safe and reliable system to launch ships as they are completed in the assembly buildings and will also enable bringing ships back on the land-side facility for repair and maintenance.

Upon completion of these buildings, Austal USA's Mobile, Ala. ship manufacturing facility will include a 117,000 square-foot steel panel line, two module manufacturing facilities totaling over one million square feet of covered manufacturing space optimized for serial production, and seven assembly bays providing over 400,000 square feet of indoor erection space. In all, the Mobile facility covers 180 acres and, when this project is complete, over 1.5 million square feet of indoor manufacturing space.

SECNAV Visits Georgia Tech Research Institute, Underscoring Commitment to Innovation and Collaboration



From SECNAV Public Affairs, 23 October 2024

ATLANTA – Oct. 23, 2024 – The Secretary of the Navy Hon. Carlos Del Toro visited the Georgia Tech Research Institute today to highlight the vital role of research and development in maintaining naval dominance and warfighting excellence. The Secretary addressed Georgia Tech students and faculty, and Naval Reserve Officers Training Corps students from Georgia Tech, Spelman College and Morehouse College, emphasizing the importance of their contributions to national security.

The Secretary's visit underscored the Navy's commitment to fostering strategic partnerships with academic institutions like Georgia Tech. GTRI, the applied research division of Georgia Tech, plays a crucial role in developing cutting-edge technologies for the Department of the Navy and the Department of Defense.

"Georgia Tech is a powerhouse of innovation, and GTRI's research is critical to ensuring our Sailors and Marines have the technological edge they need to prevail in any conflict," said Secretary Del Toro. "The work being done here,

particularly in areas like artificial intelligence, cyber-physical systems, and electromagnetic spectrum operations, is directly aligned with the Navy's strategic priorities."

The Secretary highlighted GTRI's contributions to the DON, including:

Collaborative Research: GTRI works closely with the Office of Naval Research (ONR) and other DoD entities to address specific technological needs.

R&D Contributions: GTRI develops advanced systems such as autonomous vehicles, millimeter wave radar technologies, and electronic warfare solutions.

Prototyping and Testing: GTRI provides facilities for testing and validating new technologies to meet military specifications.

Technology Transition: GTRI focuses on translating research outcomes into practical applications, enhancing operational capabilities for the Navy and broader defense community.

The Secretary's remarks also emphasized the importance of innovation in the face of evolving global challenges.

"To win the fight of the future, we must embrace and implement emerging technologies," said Del Toro. "We are in an innovation race, and it is one we must win."

The Secretary highlighted several DON innovation initiatives, including:

The Naval Science and Technology Strategy: This strategy guides the Navy and Marine Corps' investments in science and technology research.

The Naval Innovation Center (NIC) at the Naval Postgraduate School: The NIC accelerates the innovation process by bringing research concepts out of the lab and into the field faster.

The Department of the Navy's Science and Technology Board: This board provides independent advice and counsel on matters relating to science, technology, and acquisition.

The Disruptive Capabilities Office (DCO): The DCO identifies and implements already-available or emerging technologies to address the fleet's capability gaps.

"With today's enemies developing more advanced technological threats, we are grateful that the Secretary of the Navy made time to visit our Atlanta Region NROTC Midshipmen," said Atlanta Region NROTC Commanding Officer Capt. Jesus Rodriguez. "Our future Naval officers were provided with a once-in-a-lifetime opportunity when the Secretary personally impressed on them the importance of continued studies in science and technology. Our Midshipmen and NROTC staff are all appreciative for the opportunity to meet with and listen to our Navy's leadership emphasize the importance of our students' initiative in technological development during their Naval careers."

The Secretary concluded by issuing a call to action to the students in attendance.

"Innovation must permeate every aspect of our department's approach to deliver technologies and capabilities at a speed and scale necessary for our Navy and Marine Corps to confront the challenges of today and the future."

Read Secretary Del Toro's remarks [here](#).

US, Australian Naval Forces Conduct Bilateral Operations



BAY OF BENGAL (Oct. 20, 2024) – Royal Australian Navy Communication Information Systems Specialist Able Seaman Karl Jamieson (left), from Albany, Australia, talks with U.S. Navy Information Systems Technician Caleb Jones, from Phoenix, on a missile deck aboard the Arleigh Burke-class guided-missile destroyer USS Dewey (DDG 105) while operating in the Bay of Bengal, Oct. 20, 2024. (U.S. Navy photo by MC1 Greg Johnson)
By MC1 Gregory Johnson. Oct. 24, 2024

STRAIT OF MALACCA – The U.S. Navy (USN) and Royal Australian Navy (RAN) conducted bilateral operations in support of a free and open Indo-Pacific in the Strait of Malacca, Oct. 20-23.

Participating ships included the USN Arleigh Burke-class guided-missile destroyer USS Dewey (DDG 105) and the RAN Anzac-class frigate HMAS Stuart (FFH 153). The two ships took part in exercise Malabar 2024 earlier in October.

“This exercise further builds on our existing interoperability and combined readiness we have with the Royal Australian Navy,” said Vice Adm. Fred Kacher, commander, U.S. 7th Fleet. “Every time we operate together, we strengthen our capabilities and shared commitment to a free and open Indo-Pacific.”

Over four days, the ships engaged in a formation sailing exercise, an air defense exercise, maritime communications training, personnel cross-decks and visit, board, search and seizure drills.

“Conducting a joint sail with USS Dewey has been of great value, with multiple different activities conducted between the ships, including personnel exchange, boarding practices, manoeuvring in close company, and warfare drills,” said Cmdr. Warren Bechly, commanding officer, HMAS Stuart. “Whether it is large scale exercises, or ships in transit between the same ports, working with our allies and partners is always a valuable opportunity to build closer ties and enhance interoperability.”

The U.S. Navy regularly operates alongside our allies in the Indo-Pacific region as a demonstration of our shared commitment to the rules-based international order.

Bilateral operations such as this one provide valuable opportunities to train, exercise and develop tactical interoperability across allied navies in the Indo-Pacific.

Dewey is forward-deployed and assigned to Destroyer Squadron (DESRON) 15, the Navy’s largest DESRON and the U.S. 7th Fleet’s principal surface force.

U.S. 7th Fleet is the U.S. Navy’s largest forward-deployed numbered fleet, and routinely interacts and operates with

allies and partners in preserving a free and open Indo-Pacific region.

Navy's Third Operational F-35C Lightning II Squadron Achieves Safe For Flight Certification



An F-35C Lightning II from VFA-86 performs a touch and go aboard USS Nimitz (CVN 68) in the Pacific Ocean. (U.S. Navy photo by MC2 Carson Croom)

From Lt. John Choi, Oct. 23, 2024

VFA-86 has earned a Full Safe for Flight certification on the

F-35C.

The F-35C enhances the carrier strike group's ability to project power, supporting U.S. national security and integrating seamlessly with other carrier air wing assets.

"I couldn't be more proud of the Winder Team for this achievement," said Cmdr. Nathan Staples, VFA-86 Commanding Officer. "Our team has excelled since the transition began in February 2023, and I look forward to our future achievements and the standards we set for the Lightning II community."

The squadron's transition from the F/A-18, flown for 36 years, began in September 2023. Nearly 200 personnel completed training at Eglin AFB, Fla., and NAS Lemoore, while nine pilots finished their flight syllabus with VFA-125, the Navy's F-35C Fleet Replacement Squadron, while simultaneously executing tactical training events with Naval Aviation Warfighting Development Center and TOPGUN.

After achieving several key milestones, including a perfect score on the Conventional Weapons Technical Proficiency Inspection and the highest Maintenance Program Assist inspection score, VFA-86 earned Interim Safe for Flight certification in June 2024. In July, they conducted their first embarked operations aboard USS Nimitz (CVN 68), culminating in Full Safe for Flight certification.

"Our success is due to proactive management, engaged leadership, and a can-do attitude," said AFCM Rich Brickey, VFA-86 Maintenance Master Chief. "Our Sailors have excelled in every metric and will continue to do so whenever called upon."

Established in 1951, VFA-86 has flown nine different aircraft and supported combat operations in Vietnam, Bosnia, Iraq, Afghanistan, and Syria. As the Navy's newest F-35C squadron,

the Sidewinders remain committed to their motto: “When diplomacy fails... 86 'em!”

SECNAV Names Future SSN 813 for Atlanta

From SECNAV Public Affairs, 23 October 2024

ATLANTA (Oct 23, 2024) – Secretary of the Navy Carlos Del Toro announced that the future Virginia-class Nuclear-Powered Attack Submarine SSN 813 will be named USS Atlanta. Del Toro made the announcement during a ship naming ceremony at the Jimmy Carter Presidential Library and Museum, in Atlanta, on Oct. 23.

The future USS Atlanta honors the city of Atlanta, and the crews of the five previous Navy vessels named Atlanta.

The naming selection of the future USS Atlanta (SSN 813) continues the trend of naming Virginia-class submarines after cities. Secretary Del Toro previously named USS Long Island (SSN 809), USS San Francisco (SSN 810), USS Miami (SSN 811), and USS Baltimore (SSN 812).

“The city of Atlanta shares a storied and historic relationship with our Navy. Since the founding of our great nation, Atlantans from all walks of life have answered the call to service, including President Jimmy Carter, who helped advance our nuclear submarine program alongside Admiral Rickover, “the Father of the Nuclear Navy,” said Del Toro. “It has been 25 years since the Navy has had a ship named after the proud legacy of the city of Atlanta. Today, it is my honor and privilege to name the next Virginia-class submarine, SSN

813, USS Atlanta.”

Congresswoman Nikema Williams, from Georgia’s 5th Congressional District joined Secretary Del Toro for the ceremony honoring Atlanta.

“The naming of this ship is a testament to Atlanta’s history as the cradle of the civil rights movement,” said Williams. “As this vessel sails across the globe, it will carry with it the legacy of civil and human rights leaders like Congressman John Lewis and President Jimmy Carter, embodying Atlanta’s unbreakable spirit and the fight for justice that continues today.”

Atlanta Mayor Andre Dickens also served as a guest in the official party and highlighted the honor and meaning behind the naming of the Navy’s newest submarine.

“Thank you, Secretary Del Toro for allowing Atlanta to take its place among the great American cities with namesake vessels,” said Dickens. “We envision the future USS Atlanta sailing and submerging as a testament to some of the same values that this city holds...protecting this nation with courage and strength.

Secretary Del Toro also named the ship sponsor at the ceremony, former Atlanta Mayor Keisha Lance Bottoms.

“The ship’s sponsor fills a vital role throughout the life of a warship, serving as the bond between the ship, her crew, and the nation they serve,” said Del Toro. “I am honored that Mayor Bottoms accepted the invitation to serve as ship sponsor. As a leader and champion for the people of Atlanta, she represents the best of our nation, and I thank her for her lifelong commitment to our Navy, to our service men and women, and to the United States of America.”

The city of Atlanta has strong ties to American history. Founded in 1836, the city (originally named Terminus) was

incorporated as Atlanta in 1847. Following its destruction in the Civil War, Atlanta rapidly rebuilt, became the state capital in 1868, and is now an important center of industry, finance, and transportation. The greater Atlanta region was home to Naval Air Station Atlanta (1943-2009) and hosted squadrons from Reserve Carrier Air Wing 20, and Marine Aircraft Group 42.

The first *Atlanta*, a screw gunboat (1858-1859) was renamed *Sumpter* after commissioning. The second, a protected cruiser (1886-1912) primarily served in the Atlantic Ocean and Gulf of Mexico and as a barracks ship. The third *Atlanta* (CL-51), a light cruiser (1941-1942), screened Task Force 16 carriers *Enterprise* and *Hornet* during the Battle of Midway, supported the Guadalcanal campaign in July and August, and defended *Enterprise* at the Battle of the Eastern Solomons on 24 August 1942. From 12-13 November 1942, *Atlanta* took part in the Naval Battle of Guadalcanal, during which she helped sink the Japanese destroyer *Akatsuki*, and later received the Presidential Unit Citation and the embarked Flag Officer, Rear Admiral Norman Scott, was awarded a posthumous Medal of Honor. Suffering extensive torpedo damage, she was scuttled. The fourth *Atlanta* (CL 104), a light cruiser (1944-1970) served off Japan with the Fast Carrier Task Force where she conducted shore bombardment missions. The fifth *Atlanta* (SSN 712), a nuclear fast attack submarine (1982-1999), homeported in Norfolk, VA, completed multiple deployments and fleet readiness exercises during the Cold War before being decommissioned.

Attack submarines are designed to seek and destroy enemy submarines and surface ships; project power ashore with Tomahawk cruise missiles and Special Operation Forces (SOF); carry out Intelligence, Surveillance and Reconnaissance (ISR) missions; support battle group operations; and engage in mine warfare.

Navy Warfare Center Drives First Naval Strike Missile Launch Demo from Destroyer



USS Fitzgerald (DDG 62) conducts the first demonstration firing of a Naval Strike Missile from a U.S. Navy destroyer during RIMPAC.

From Thomas McMahon, Oct. 23, 2024

PORT HUENEME, California – Among the flurry of fleet activities in the recent Rim of the Pacific (RIMPAC) exercise in Hawaii was a milestone that Naval Surface Warfare Center, Port Hueneme Division (NSWC PHD) spearheaded – the first demonstration firing of a Naval Strike Missile (NSM) from a U.S. Navy destroyer.

USS Fitzgerald (DDG 62) fires the first naval strike missile from a U.S. destroyer while participating in RIMPAC 2024. (MC2

Jordan Jennings)

Working under a compressed timeline, NSWC PHD and its partners installed the first Over-the-Horizon (OTH) Weapon System on a destroyer, USS Fitzgerald (DDG 62), in time for it to launch an NSM at a decommissioned ship on July 18 during RIMPAC.

Other major players in the effort included Program Executive Office Integrated Warfare Systems (PEO IWS) 3H, Naval Air Warfare Center Weapons Division (NAWCWD) China Lake, General Dynamics Mission Systems and Kongsberg Defence & Aerospace AS.

“This was a high-visibility requirement for the Navy,” said Eric Romero, customer advocate for OTH with NSWC PHD in Port Hueneme, California.

OTH is a long-range surface-to-surface warfare system that launches NSMs, which are anti-ship guided missiles. The Navy has added the system to about a dozen Independence-variant littoral combat ships over the past five years.

In late September 2023, the Office of the Chief of Naval Operations challenged PEO IWS, which in turn tasked NSWC PHD, with installing an OTH on Arleigh Burke-class destroyer USS Fitzgerald in time to demonstrate it at RIMPAC 2024. That left only about nine months before the biennial international fleet exercise.

“We knew we were working on an aggressive schedule, but we had all the right personnel on the team to make sure we were successful in executing it,” Romero said.

NSWC PHD employees took on various projects to pull off the endeavor at this accelerated pace, from developing ship installation drawings to getting cybersecurity approval to

installing and testing the equipment.

The overall effort encompassed nearly 20 organizations, including five program offices, four warfare centers and a dozen external entities, according to Todd Jenkins, platform integration lead with NSWC PHD in San Diego.

“We were expecting a great deal of roadblocks due to the compressed timeline, but everyone came together to accomplish this monumental event,” Jenkins said.

Typically, this type of first-of-class installation takes at least two years, according to Robert “Tony” Honeycutt, Alteration Installation Team manager at NSWC PHD’s Virginia Beach Detachment in Virginia. A key factor in speeding up the process was proposing the OTH as a temporary change to USS Fitzgerald, which reduced the requirements for documentation and drawings compared to a permanent change.

Beyond streamlining the paperwork, Honeycutt and Jenkins met frequently with stakeholders from PEO IWS 3H and NAWCWD China Lake to overcome obstacles and stay on schedule.

“Basically, we were just driving it as hard as we could,” Honeycutt said. “As soon as we ran into a problem, we had a group powwow and figured out the solution.”

Another task that the team sped up was securing the cybersecurity accreditation known as authority to operate (ATO) for the OTH software that would be installed on the ship. The rigorous six-step process typically takes about a year, but in this case it had to be completed much quicker so the installation could start.

“We had to do the cyber ATO in two months,” Romero said.

The team installed the OTH on USS Fitzgerald at Naval Base San

Diego from mid-March to late May. The main components of the system are the launcher and an operator interface console. To make it compatible with the destroyer, the system also required a navigation adapter.

After installing the OTH, NSWC PHD trained crew members and helped them test the system while underway.

“We made sure they were trained up, such as to be self-sustaining as operators,” Romero said.

In Hawaii for RIMPAC in July, USS Fitzgerald participated with other ships and aircraft in a sinking exercise, known as a SINKEX. The target was a decommissioned amphibious ship about 50 nautical miles off the coast of Kauai.

With NSWC PHD team members monitoring remotely, USS Fitzgerald launched its first NSM from the OTH. The NSM successfully searched the target area, detected and prosecuted the target.

“It was a successful NSM live-fire shot launched from the OTH Weapon System,” Romero said.

Following the inaugural firing at RIMPAC, NSWC PHD personnel will help prepare USS Fitzgerald to go on deployment with the OTH.

While the new weapon system is still authorized as a temporary installation on USS Fitzgerald, the team is working to secure approval for it to stay on the ship indefinitely.

“We’re migrating the ship change document to a permanent change, as we want to keep the system aboard DDG 62,” Romero said.

The work done on DDG 62 will help inform the way forward on providing this capability to other DDGs.

Philly Shipyard Delivers Second National Security Multi-Mission Vessel, Patriot State



*Program designed to provide state-of-the-art training vessels
to five state maritime academies*

From Philly Shipyard, Sept. 26, 2024

PHILADELPHIA – September 26, 2024 – Philly Shipyard, Inc.

("Philly Shipyard"), the sole operating subsidiary of Philly Shipyard ASA (Oslo: PHLI), today delivered the *Patriot State*, the second of five new purpose-built, state-of-the-art training vessels for America's state maritime academies. The U.S. Department of Transportation's Maritime Administration (MARAD) new vessel program – known as National Security Multi-Mission Vessels (NSMVs) – was designed to provide world-class training for America's future mariners and to support humanitarian assistance and disaster relief missions in times of need. This second vessel, *Patriot State*, is being delivered to MARAD and will serve Massachusetts Maritime Academy.

"We stand tall and proud as we wave goodbye to the *Patriot State*." said Steinar Nerbovik, President and CEO of Philly Shipyard. "It is the second NSMV to be delivered in the program, and the journey to Massachusetts brings well-deserved recognition and excitement for the future of the vessel, the entire NSMV program, and our shipyard. Our workforce has dedicated much time and skill to ensuring a safe at-sea experience for the cadets and crew and a dependable learning environment for all future mariners."

Philly Shipyard was awarded the contract to build the NSMVs by TOTE Services, LLC ("TOTE Services"), a U.S.-based company hired by MARAD as the Vessel Construction Manager (VCM) to oversee the construction of the training vessels. The NSMV program is the first government sponsored ship building program to utilize the VCM model. This model places the responsibility for the selection and oversight of the shipyard on a government contractor that utilizes commercial best practices to manage the project.

NSMV I, *Empire State*, was delivered in September 2023 to serve SUNY Maritime College. NSMV III (Maine Maritime Academy) and NSMV IV (Texas A&M Maritime Academy) are both under construction in Philly Shipyard's outfitting and building docks, respectively. NSMV III is scheduled for delivery in 2025. The steel cutting for NSMV V (California Maritime

Academy) was completed earlier this year, placing all remaining vessels in various stages of production at Philly Shipyard.

“The Patriot State is the second of five NSMVs that TOTE Services is managing in partnership with Philly Shipyard. These vessels are a vital investment in the future of maritime in the U.S. and showcase the potential that arises when we utilize the right expertise and resources for the benefit of our country and future generations. TOTE Services’ role as the vessel construction manager for these ships highlights its 49-year legacy as a leader in American maritime,” commented Jeff Dixon, President of TOTE Services.

The NSMV program is an important investment in America’s shipbuilding industry, which supports nearly 400,000 U.S. jobs. Each NSMV will feature numerous instructional spaces, a full training bridge, and accommodations for up to 600 cadets to train in a first-rate maritime academic environment at sea. State maritime academies graduate more than half of all new officers each year – the merchant mariners who help keep cargoes and our economy moving. Many also support U.S. national security by crewing military sealift vessels.

Today’s delivery of the *Patriot State* marks an important milestone for the NSMV program as well as the VCM contract model. This innovative approach enables shipyards to apply commercial best practices for design and construction to government vessels. There is growing interest in the VCM contract model and its potential applicability to government shipbuilding programs to reduce costs, accelerate delivery times, and build more vessels.

About the National Security Multi-Mission Vessel (NSMV) Program

The U.S. Department of Transportation Maritime Administration’s (MARAD) NSMV program is designed to provide a

purpose-built, state-of-the-art training platform for the state maritime academies in New York, Massachusetts, Maine, Texas, and California, respectively.

This next-generation training fleet will address a critical shortage of qualified officers necessary to crew government and commercial owned sealift ships. In addition to providing world-class training for America's future mariners, the NSMVs will be available to support humanitarian assistance and disaster relief missions in times of need.

The NSMV will feature numerous instructional spaces, a full training bridge, and have space for up to 600 cadets to train in a first-rate maritime academic environment at sea. State maritime academies graduate more than half of all new officers each year—the merchant mariners who help keep cargoes and our economy moving. Many also support U.S. national security by crewing military sealift vessels.

In addition to being a state-of-the-art training and educational platform, each ship will feature modern hospital facilities, a helicopter pad, and the ability to accommodate up to 1,000 people in times of humanitarian need. Adding to the NSMV's capability, it will provide needed roll-on/roll-off and container storage capacity for use during disaster relief missions.

Ship specifications will be compatible with the pier length, draft restrictions, and mooring limitations at each of the maritime training academies.

Vessel specifications:

- Length: 159.85 m

- Breadth: 27.00 m

- Draft, scantling: 7.50 m
 - Total berthing: 760 people
 - Speed: 18 kts
 - Deadweight: 8,487 MT
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Navy Announces Commissioning Ceremony for the Future USS Beloit



From Karli Yeager, Commander, Naval Surface Force, U.S. Pacific Fleet Public Affairs

The U.S. Navy will commission the future USS Beloit (LCS 29), a Freedom-variant littoral combat ship, on Nov. 23, 2024, in Milwaukee, Wisconsin.

LCS 29 will be the first commissioned ship in naval service bearing the name of Beloit, Wisconsin.

The naming of LCS 29 honors the contributions the people of Beloit have made to the U.S. Navy, such as the Fairbanks Morse plant, which built engines that power many of the Navy's ships and submarines, including USS Beloit.

As the ship's sponsor, retired Army Maj. Gen. Marcia M. Anderson will lead the time-honored Navy tradition of giving the order during the ceremony to "Man our ship and bring her to life!" At that moment, the commissioning pennant is hoisted, and the Beloit becomes a proud ship of the fleet.

Following its commissioning, the Beloit will depart Milwaukee

for its homeport assignment of Naval Station Mayport in Jacksonville, Florida.

The future USS Beloit (LCS 29) commissioning ceremony will be livestreamed at www.dvidshub.net/webcast/35146. The webcast will begin at 9:45 a.m. EST and the ceremony begins at 10 a.m. EST, Nov. 23.

LCS 29 is a fast, optimally manned, mission-tailored surface combatant that operates in near-shore and open-ocean environments, winning against 21st-century coastal threats. Littoral Combat Ships integrate with joint, combined, manned, and unmanned teams to support forward presence, maritime security, sea control, and deterrence missions around the globe.

The mission of CNSP is to man, train, and equip the Surface Force to provide fleet commanders with credible naval power to control the sea and project power ashore.

NAVAIR Taps Mercury to Provide Advanced Data Transfer Systems for Navy Aircraft

ANDOVER, Mass., Oct. 21, 2024 (GLOBE NEWSWIRE) – Mercury Systems, Inc., a technology company that delivers mission-critical processing power to the edge, today announced it was awarded a five-year contract worth as much as \$131.3 million from the U.S. Naval Air Systems Command (NAVAIR) to continue providing secure data transfer systems for naval aircraft.

Mercury has been delivering [Advanced Data Transfer Systems](#) (ADTS) and components to the Navy since 2017 to support numerous rotary-wing and fixed-wing aircraft. These rugged, flexible, and proven systems simplify the secure transfer of data between planners on the ground and aircraft, significantly improving operational readiness of these airborne assets. The new indefinite delivery/indefinite quantity contract will allow Mercury to deliver upgraded power-thrifty ADTS units that incorporate the company's [JDAR](#) encryption module.

“Mercury has a strong partnership with the Navy, providing a range of data storage and transfer, video recorders, mission computers, and cockpit displays for the aircraft fleet,” said Roya Montakhab, Mercury’s SVP of Integrated Processing Solutions. “We are exceptionally proud to continue delivering ADTS systems that ensure critical government data is protected.”

Mercury’s ADTS features:

- Up to 3 TB (3 x 1 TB) solid state memory modules (each module available from 128 GB, 256 GB, or 1 TB) with up to 450/300 MB/s read/write transfer rates
- Optional crash survivable memory module: Up to 30 GB of storage
- 1 SATA port: optional for crash survivable flight data recorder
- Up to 250ms of response time
- MIL-STD-1553B, four 1,000 BASE-TX Gigabit ethernet,

analog/digital video/audio, and discrete interfaces

- External command over external communications circuit
 - Manual zeroize capabilities: via front panel switch
 - Meets information assurance requirements (S&U)
-

**Remembering Two Trailblazing
Aviators: Lt. Cmdr. Lyndsay
“Miley” Evans and Lt. Serena
“Dug” Wileman**



From Commander, Naval Air Forces Public Affairs, 22 October 2024

Lt. Cmdr. Lyndsay "Miley" Evans and Lt. Serena "Dug" Wileman will be remembered as role models, trailblazers, and women whose influence touched countless people on the flight deck and well beyond.

In the world of U.S. Naval Aviation, very few names will be forever imprinted with their squadrons, their communities, and their shipmates. Among them are Lt. Cmdr. Lyndsay "Miley" Evans and Lt. Serena "Dug" Wileman, two highly skilled, combat-decorated aviators who tragically lost their lives during a routine training flight near Mount Rainier on Oct. 15, 2024. More than just names and ranks, they were role models, trailblazers, and women whose influence touched countless people on the flight deck and well beyond.

They had recently returned from a deployment with their squadron, Electronic Attack Squadron (VAQ) 130, "Zappers," with whom they spent nine months at sea as a part of Carrier Air Wing Three (CVW-3) aboard USS Dwight D. Eisenhower (CVN 69) (IKE). Operating mostly from the Red Sea, they supported Operations INHERENT RESOLVE, PROSPERITY GUARDIAN, and POSEIDON ARCHER, where they were involved in the most dynamic combat action in defense of the strike group and freedom of navigation since World War II.

During their deployment, both Evans and Wileman distinguished themselves in combat operations. Their efforts directly contributed to the Navy's mission defending U.S. and Coalition forces while keeping the seas open and free with precision and purpose. These role models cemented legacies by making history that will inspire future generations of Naval officers and aviators.

Born to Lead: Lyndsay "Miley" Evans

Following her time at the University of Southern California, Los Angeles, Evans was commissioned through the Reserve Officers' Training Corps (ROTC) and earned her "Wings of Gold" as a Naval Flight Officer out of Naval Air Station (NAS) Pensacola. While familiar with the spotlight, Evans always carried herself as a humble yet strong leader – the quiet professional. As an EA-18G Electronic Warfare Officer (EWO) and veteran of two sea tours, she earned the respect of the entire Growler community for her tactical expertise, mentorship to those of all ranks and communities, and ability to bring out the best in everyone around her.

In 2023, Evans was part of the all-female Super Bowl flyover, a historic moment marking 50 years of women flying in the Navy. This event also symbolized the progress of women in aviation across all military branches. But for those who knew

her best, this was only one highlight in a notable career defined by high performance and distinction. After completing the challenging 12-week HAVOC graduate-level course at NAS Fallon (the TOPGUN of the Growler community), Evans earned the honor and responsibility of becoming a Growler Tactics Instructor (GTI). Living up to this responsibility daily, her approachable and knowledgeable demeanor enabled the training and development of countless junior EA-18G Pilots and EWOs. Therefore, it was no surprise to her mentors and peers when she was recognized as the FY2024 Growler Tactics Instructor of the Year, a prestigious honor earned through her tactical acumen and sustained leadership.

During her 2023-24 deployment with CVW-3 and the IKE Carrier Strike Group (IKE CSG) in the Red Sea, Evans coordinated and executed multiple combat strikes into Houthi-controlled territories in Yemen, making her one of the few women to fly combat missions over land. In her critical role as VAQ-130's Training Officer, she helped develop and execute new warfare tactics that required knowledge, innovation, and a comprehensive understanding of aerial warfare and electronic attack in a nascent theater against a constantly evolving threat. The tactics, techniques, and procedures for the EA-18G she pioneered defending against Houthi aggressions directly contributed to the successful defense of the entire CSG and will be used as a template for adaptability at the unrelenting pace of combat in future fights.

Evans was awarded two Single Action Air Medals for her exceptional performance during strikes on January 12 and 22, 2024. She also earned three Strike Flight Air Medals for her contributions to missions flown between December 21, 2023, and March 29, 2024.

The Heart and Soul: Serena "Dug" Wileman

A native of California and commissioned through Officer

Candidate School, Wileman was at the beginning of a promising and illustrious career. As a senior first-tour Naval Aviator, she established herself as an energetic, vocal, and positive influence in VAQ-130. Known for her heart of gold, passion, and unrelenting smile, Wileman was always committed to improve and grow, not only for herself but every Sailor and officer around her.

During her 2023-24 deployment, Wileman planned and subsequently flew multiple strikes into Houthi-controlled territories in Yemen, one of the few women to fly combat missions over land. Wileman's exceptional leadership was highlighted during VAQ-130's "Dirt Det," where she was designated the Officer in Charge. Overcoming the challenges of operating from an austere location, she successfully oversaw all detachment operations enabling the support of multiple flights in the defense of U.S. and Coalition forces in support of Operations INHERENT RESOLVE and PROSPERITY GUARDIAN.

Always a team player, Wileman was also a respected qualified Landing Signal Officer (LSO), a vital role in the squadron to ensure her fellow Naval Aviators safely recovered aboard the ship. Despite operating in a weapons engagement zone, her calm and collected demeanor under pressure showed during combat operations. Even when recovering alerts while IKE was being targeted and the CSG was under attack by Houthi terrorists, she executed flawlessly, bringing all CVW-3 aircraft aboard expeditiously and safely. From the LSO platform, Wileman always showcased her extraordinary composure and consistent ability to perform under pressure.

Due to her unrelenting efforts, Wileman accrued three Strike Flight Air Medals for her role in combat operations between December 17, 2023, and April 5, 2024.

Outside the cockpit, Wileman made everyone smile. She would brighten up any room and was known for her genuine care and

compassion for those around her. She always brought a sense of calm, in the good times and bad, whether it was through a joke, a game of cribbage, or a giant bear hug for a Sailor in need of one.

The Bonds That Endure

Evans' and Wileman's strong connection to their families were second to none. Evans was close with her parents, who were immensely proud of her many accomplishments and were overjoyed when welcoming her back to NAS Whidbey Island on July 13th.

Wileman met her husband, Brandon, during flight school. Also a Naval Aviator, Brandon shared in her passion for flight, and together they supported each other through the challenges and successes of their careers. Wileman's goal for follow-on orders after the Zappers was to remain co-located with Brandon.

Both Evans and Wileman shared lasting loyalty and commitment to their mentors, peers, and Sailors. They always lifted others up, even during the most challenging moments of deployment, knowing exactly how to take a quick break from the "stress" of the job and deployment and getting everyone's heads back in the game.

They also bonded over their love of dogs: Evans, a proud "dog mom" to Nyx (an Australian Shepherd), and Wileman to Riley (a Dachshund/Chihuahua mix – "Chiweenie"). The two often flew together, sharing a deep understanding of the intricacies of Naval Aviation, and complemented each other well. They shared many moments together, from leading critical missions in combat zones during deployment to helping their Sailors and each other weather the mental strain of long deployments.

These women's bond with each other reached well beyond the cockpit. They were both known for their humor and light-

hearted spirit. A memorable moment came at a beachside pool, where, during a liberty port in Souda Bay, Crete, Evans and Wileman shared a laugh as two male squadron mates struggled to move a heavy umbrella. "Centuries of oppression have finally paid off," they joked, representing the camaraderie and light heartedness that defined both of them.

A Legacy That Lives On

The legacy that Evans and Wileman leave behind is characterized by strength, courage, and inspiration. They embodied the very best of Naval Aviation and were examples that hard work, determination, and devotion to their passions could lead to exceptional achievements. They will remain role models for both women and men, embodying the true Navy warrior spirit.

Capt. Marvin Scott, Commander of CVW-3, said Evans and Wileman will be remembered for their tenacity, their outstanding contributions to the defense of others, and the positive energy they brought to Naval Aviation.

"I have personally flown with both of these Great Americans in both training and dynamic combat operations, and they always performed professionally and precisely. As true leaders in the Growler community, VAQ-130, and across my Air Wing, their contributions cannot be overstated; I could not be more proud to have served with each of them," said Scott. "Every member of the CVW-3 Battle Axe Team is heartbroken at the loss of these exceptional warriors; Dug and Miley truly represent the best that Naval Aviation has to offer, and they will absolutely be missed."

As the Navy mourns the loss of these two exceptional aviators, their stories will continue to inspire generations of service members. They represent the best of the Navy and Naval Aviation: warriors who were steadfast in the face of danger,

always prepared to lead, and compassionate to their fellow Sailors. Their memories will endure with the men and women of the Zappers, CVW-3, and the entire IKE CSG. Their legacies will live on, immortalized in the hearts of their families, friends, and all who had the privilege to serve alongside them.