

USS Laboon Returns Home from Combat Deployment



Photo By [Chief Petty Officer Matthew Jackson](#) | 240901-N-MJ491-1023 NORFOLK, Va. (September 1, 2024) Arleigh Burke-class guided missile destroyer USS Laboon (DDG 58), is guided by a tugboat during its return to homeport. Laboon, assigned to Dwight D. Eisenhower Carrier Strike Group (IKE CSG), returned to its homeport on Naval Station Norfolk on September 1 following a deployment to the U.S. 5th and 6th Fleet areas of operations. (U.S. Navy photo by Chief Mass Communication Specialist Matthew N. Jackson)

From U.S. Fleet Forces Command, Sept. 1, 2024

NORFOLK, Virginia – The Arleigh Burke-class guided-missile destroyer USS Laboon (DDG 58) returned to Naval Station Norfolk, Virginia, from an independent deployment to the U.S. 2nd, 5th, and 6th fleet areas of operation, Sept. 1.

Laboon deployed for 279 days to the Arabian Gulf, Red Sea,

Gulf of Oman, Gulf of Aden, Arabian Sea and the Mediterranean Sea providing deterrence and defense to U.S. partners.

Rear Adm. Kavon Hakimzadeh, commander, Carrier Strike Group (CSG) 2, was on the pier to welcome home the crew of Laboon.

“We are honored to welcome back the men and women of USS Laboon who have proven their proficiency and resolve throughout a demanding deployment,” said Hakimzadeh. “From safeguarding critical maritime routes to deterring threats in volatile regions, Laboon’s crew has exemplified the very best of our Navy’s tradition of excellence. We are deeply proud of what they have accomplished, and we thank each Sailor and their families for their unwavering dedication to our nation’s security.”

While independently deployed, Laboon participated in the multi-national Operation Prosperity Guardian to protect international shipping lanes in the Red Sea, the Bab al-Mandeb, and Gulf of Aden. In support of freedom of navigation, Laboon and her crew countered multiple attacks carried out by Iranian-backed Houthi terrorists in the Red Sea.

“It has been a challenging nine month deployment to hostile waters, but this team demonstrated time and again just how capable our warships are and that we have the best trained most professional warfighters in the world ready to bring the fight to any enemy,” said Cmdr. Eric Blomberg, Laboon’s commanding officer.

Chief Petty Officer Rickey Gisclair attributes Laboon’s success to training and teamwork.

“This deployment really embodied why we train so hard and every Sailor stepping up to fulfill their role in a challenging environment,” said Gisclair.

While on deployment, a refrain heard frequently onboard was: "If we have to fight; we fight and we win!" Laboon is named for Pittsburgh, Pa. native John Francis Laboon who left to serve his country as a U.S. Naval officer. After attending Carnegie Technical Institute (now Carnegie Mellon University), he was commissioned at the Naval Academy and served as the communications officer, gunnery and torpedo officer and executive officer on USS Peto (SS 265), a Gato-class submarine in World War II. During a Western Pacific patrol, while under intense enemy fire, he rescued a downed pilot from heavily-mined waters and was awarded the Silver Star. Shortly after the war, he left the Navy only to be called back to duty as a Chaplain to become Father John Francis Laboon or "Father Jake."

During their 5th Fleet operations, Laboon upheld the tradition of Father Jake, rescuing three mariners in distress in the Gulf of Aden who had been stranded adrift at sea for ten days.

U.S. 5th Fleet area of operations encompasses about 2.5 million square miles of water area and includes the Arabian Gulf, Gulf of Oman, Red Sea and parts of the Indian Ocean. The expanse comprises of 20 countries and includes three critical choke points at the Strait of Hormuz, the Suez Canal and the Bab al-Mandeb.

NAVEUR-NAVAF, headquartered in Naples, Italy, operates U.S. naval forces in the U.S. European Command (USEUCOM) and U.S. Africa Command (USAFRICOM) areas of responsibility. U.S. Sixth Fleet is permanently assigned to NAVEUR-NAVAF, and employs maritime forces through the full spectrum of joint and naval operations.

U.S. 2nd Fleet, reestablished in 2018 in response to the changing global security environment, develops and employs

maritime forces ready to fight across multiple domains in the Atlantic and Arctic to ensure access, deter aggression, and defend U.S., allied, and partner interests.

U.S. Fleet Forces Command (USFFC) is responsible for manning, training, equipping and employing more than 125 ships, 1,000 aircraft, and 103,000 active duty service members and government employees, and providing combat-ready forces forward to numbered fleets and combatant commanders around the globe in support of U.S. national interests. USFFC also serves as the Navy's Service Component Commander to both U.S. Northern Command and U.S. Strategic Command, and providing naval forces in support of joint missions as Commander, Naval Forces Northern Command (NAVNORTH) and Commander, Naval Forces Strategic Command (NAVSTRAT). USFFC is the Strategic Command Joint Force Maritime Component Commander (JFMCC STRAT), and executes Task Force Atlantic in coordination with U.S. Naval Forces Europe.

For any inquiries, contact usffc_nflt_pa@us.navy.mil. For more news from USFFC, visit www.usff.navy.mil and for more information visit www.facebook.com/usfleetforces or www.twitter.com/usfleetforces.

Hughes and Boost Mobile Demonstrate Automated, Multi-Transport Network Management

for Resiliency at the Tactical Edge

From Hughes Network Systems, Aug. 27, 2024

Standalone 5G Network with enterprise management and control ensure Primary Alternate Contingency Emergency (PACE) planning for warfighter communications

GERMANTOWN, Md., Aug. 27, 2024 – [Hughes Network Systems](#) and [Boost Mobile](#), EchoStar (Nasdaq: SATS) companies, successfully demonstrated optimized, multi-transport network management for the U.S. Navy. The demonstration, which took place earlier this year, tested remote network orchestration, wide area network (WAN) resiliency, and secure Radio Access Network (RAN) sharing between standalone Private 5G networks operating at the U.S. Navy Air Station, Whidbey Island, Washington, and a base in Hawaii.

Hughes collaborated with Boost Mobile, both of which are part of the EchoStar family of companies. Boost Mobile's innovative Open-RAN-based 5G networking technologies for US-wide public network deployment experience provided a rich heritage for the standalone, secure 5G networks on each base. In addition, Hughes implemented its intelligent network orchestration capabilities, Smart Network Edge (SNE) mission-planning technology, and Network Management System (NMS). Together, these technologies maintained communications in contested and congested environments.

"The combined team successfully demonstrated a flexible and resilient mission network that dynamically switched communications paths to ensure uninterrupted situational awareness," said Dr. Rajeev Gopal, vice president of Advanced Programs for the Defense Division at Hughes. "We are ready to implement smart network orchestration and secure Private 5G

networks, for the U.S. Department of Defense to ensure that users have critical command and control information when they need it most, even in disrupted, occasionally disconnected, and low-bandwidth conditions.”

The network supported Automated PACE planning, leveraging the powerful Hughes NMS and SNE technologies that dynamically utilize multiple transport paths to deliver situational awareness. These advanced automation techniques optimize capacity, QoS, and various time/space-based resource commitments to speed up changes and access to SATCOM resources. With command-in-the-loop, the Hughes technology can process new service requests in less than 5 seconds to accommodate new threats in the theatre and automatically distribute information across paths orchestrated by Hughes SNE. The NMS and SNE are critical enablers for state-of-the-art resilient communications utilizing multiple diverse transports, including GEO, MEO, LEO, and 5G systems.

The demonstration confirmed that the EchoStar Private 5G ORAN network can maintain secure connectivity for devices and applications when users travel outside the naval base. This capability supports a concept of operations where a device running on the Whidbey Island NAS 5G network can travel to another location and still securely access applications that reside at Whidbey Island. The Navy can use this secure internet access for missions requiring a user to relocate from one base to another.

Aug. 30 - Sept. 2 U.S. Central

Command Update

From U.S. Central Command

Sept. 2, 2024

Houthis attack two crude oil tankers

TAMPA, Fla. – On the morning of Sep. 2, the Iranian-backed Houthis attacked two crude oil tankers, the Panama flagged/owned, Greek operated MV BLUE LAGOON I and the Saudi flagged, owned, and operated MV AMJAD, with two ballistic missiles and a one-way attack uncrewed aerial system, hitting both vessels. Both vessels are laden with crude oil. The MV AMJAD is carrying approximately two million barrels of oil, almost twice the amount onboard the Greek-owned MV DELTA SOUNION, which the Houthis attacked on Aug. 21. Currently, salvage efforts are underway in the Southern Red Sea for the disabled MV DELTA SOUNION, which is still on fire and threatens the possibility of a major environmental disaster.

These reckless acts of terrorism by the Houthis continue to destabilize regional and global commerce, as well as put the lives of civilian mariners and maritime ecosystems at risk.

U.S. Central Command will continue to work with international partners and allies to protect commerce and mitigate potential impacts to the environment despite the irresponsible and careless actions of the Iranian-backed Houthis.

Sept. 2, 2024

TAMPA, Fla. – In the past 24 hours, U.S. Central Command (USCENTCOM) forces successfully destroyed two missile systems in a Houthi-controlled area of Yemen.

It was determined these systems presented an imminent threat to U.S. and coalition forces, and merchant vessels in the

region. These actions were taken to protect freedom of navigation and make international waters safer and more secure for U.S., coalition, and merchant vessels.

Aug. 31, 2024

TAMPA, Fla. – In the past 24 hours, U.S. Central Command (USCENTCOM) forces successfully destroyed one Iranian-backed Houthi uncrewed aerial vehicle (UAV) and one uncrewed surface vessel (USV) in Houthi-controlled areas of Yemen.

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Acting Sec. Su, Navy Sec. Del Toro Highlight Workforce Development, National Security at Newport News' Apprentice School

Toured site of PCU John F. Kennedy's construction, world's most capable, adaptable carrier

From the U.S. Department of Labor, Aug. 29, 2025

WASHINGTON – Acting Secretary of Labor Julie Su and Secretary of the Navy Carlos Del Toro visited Virginia today to see how the Apprentice School in Newport News – one of the nation's critical apprenticeship programs – is making construction of one of the world's most capable and adaptable aircraft carriers, the PCU John F. Kennedy, possible.

During their visit, Secretaries Su and Del Toro highlighted their shared commitment to strengthening the Department of Defense's organic and industrial base workforce.

"Our partnership with the U.S. Navy will enhance the quality of jobs for workers who play an essential role in protecting our nation," said Acting Secretary of Labor Julie Su. "The Department of Labor is committed to making sure our Navy has the strongest, most diverse and skilled workforce needed to ensure military readiness and modernization."

The U.S. Navy and the Department of Labor have partnered to help advance Secretary Del Toro's Maritime Statecraft Initiative and to create high-quality, good-paying jobs critical to national security, using practices included in the departments of Labor and Commerce's Good Jobs Principles to

fill the estimated 10,000 jobs needed per year over the next 10 years in the growing maritime industry.

“The U.S. Navy’s investments in the highest possible job quality for its workforce will help to reinvigorate America’s comprehensive maritime power,” said Secretary of the Navy Carlos Del Toro. “With skilled workers who represent the best of America, the defense industrial base and maritime ecosystem will continue to thrive with an ingenuity and dedication recognized around the world.”

Good Jobs Principles seek to create broad, equitable access to good jobs and attract the most diverse pool of talent possible, by reaching into traditionally underserved populations and communities. By doing so, the departments of Labor and Defense intend to build the skilled, diverse and ready workforce needed to strengthen the U.S. Navy in an era of intense strategic competition.

As part of his Maritime Statecraft strategy, Secretary Del Toro is rallying organized labor as an essential stakeholder in ensuring America’s maritime power. Currently, the Navy is piloting a program to train experienced union welders to join a rotational expeditionary workforce that deploys to shipyards nationwide to support naval objectives. In October, the first class of 169 union welders will begin work on PCU John F. Kennedy at Newport News.

In this joint effort, the departments will pursue the following key outcomes:

- Expanded equitable workforce development pathways to good jobs through pre-apprenticeship and Registered Apprenticeship programs.

- Broader active partnership with the Department of Labor’s Job Corps program.

- Developed and expanded partnerships with agencies, including the department's Employment and Training Administration, Veterans Employment and Training Service, and Women's Bureau to advance to advance workforce development initiatives aligned with the Good Jobs Principles.

Founded in 1919, the Apprentice School at Newport News Shipbuilding offers eight advanced programs of study and apprenticeships in 19 shipbuilding disciplines for terms from four to eight years. Offering apprentices the opportunity to earn college credit, receive competitive pay and benefits and learn a trade, the institution is accredited by the Commission of the Council on Occupational Education and registered with the Virginia Apprenticeship Council. The Apprentice School is a Department of Labor Apprenticeship Ambassador.

68th Annual Tailhook Symposium Concludes



Rear Adm. Doug Verissimo, commander, Naval Air Force Atlantic, speaks during the 2024 Tailhook Symposium in Reno, Nevada. The symposium brought together Navy and Marine Corps aviators and industry partners to discuss significant issues impacting the Naval Aviation Enterprise. (U.S. Navy photo by Mass Communication Specialist 1st Class Ryan J. Batchelder)
By [Petty Officer 1st Class Aron Montan](#), [Commander, Naval Air Forces](#)

RENO, Nev. – U.S. Navy and Marine Corps aviators, veterans, industry partners and supporters attended the 2024 Tailhook Association symposium, Aug. 22-24, at the Grand Sierra Resort in Reno, Nevada. The symposium consisted of various speaking panels, junior officer engagements, an awards luncheon, winging ceremony and a banquet.

Guest speakers included Adm. Sam Paparo, commander U.S. Indo-Pacific Command; Adm. Daryl Caudle, commander, U.S. Fleet Forces Command; Vice Adm. Dan Cheever, commander Naval Air Forces; Rear Adm. Michael Donnelly, director, Air Warfare Division; Rear Adm. Daniel P. Martin, commander, Naval Safety

Command; and Rear Adm. Marc Miguez, commander, Carrier Strike Group Two.

The 68th Tailhook Symposium focused on today's warfighters and topics relevant to the modern landscape of the Naval Aviation Enterprise (NAE). This year's theme of "Be Ready" emphasized the importance of alignment and teamwork between warfighters and industry partners to ensure mission readiness.

"Naval aviation is essential to our maritime nation," said Cheever. "Sea control requires air superiority, and air superiority is what naval aviation provides. The U.S. Navy's indispensable aircraft carriers, carrier air wings and the Tailhookers who operate on them are key to our ability to win."

The three-day event kicked off with an integrated air dominance panel and NAE update to industry partners, emphasizing their contributions to naval aviation. On the second day of the event, Cheever moderated a flag officer panel facilitated discussion between flag officers and Navy and Marine Corps attendees.

"The Navy, enabled by naval aviation, provides credible capability for deterrence, sea control, preservation of peace, response in crisis and power projection to win decisively in combat," said Cheever. "When coupled with our expeditionary forces, USMC, joint forces, allies and partners and industry partners, we are a formidable and key part of distributed maritime operations."

Additionally, a panel of junior officers from Carrier Air Wing Three, embarked on the USS Dwight D. Eisenhower (CVN 69), shared their experiences of operating in a combat zone, emphasizing the intense coordination required during missions and the personal growth they gained facing unprecedented challenges. They highlighted the camaraderie among the crew

and the critical role their training played in ensuring successful operations under high-pressure conditions.

Tailhook 2024 concluded with a winging ceremony where student naval aviators received their “Wings of Gold,” marking their transition to fully qualified naval aviators.


The Tailhook Association is an independent, nonprofit organization supporting aircraft carrier and other sea-based aviation.

The NAE benefits national security by improving the operational readiness of Naval Aviation. The NAE provides a collaborative forum for leaders to deliberate and resolve interdependent issues affecting multiple stakeholders across the whole of naval aviation.

As the type commander for naval aviation, Commander, Naval Air Forces’ mission is to “man, train and equip deployable, combat-ready Naval Aviation forces that win in combat.”

SECNAV Del Toro and Mayor Adams Announce International Naval Review 250

From SECNAV Public Affairs, 29 August 2024

Secretary of the Navy Carlos Del Toro and New York City Mayor Eric Adams announced on August 29th that the Navy and the City of New York will host International Naval Review 250 (INR 250) from July 3rd through July 8th in 2026. 

Washington, D.C., New York City, NY – Secretary of the Navy Carlos Del Toro and New York City Mayor Eric Adams announced on August 29th that the Navy and the City of New York will host International Naval Review 250 (INR 250) from July 3rd through July 8th in 2026,

“There’s no better place to celebrate 250 years of American history than in New York City’s harbor,” said New York City Mayor Eric Adams. “From the early days of our country to the present day, New York City has been an unmatched international port, welcoming every corner of the globe to our shores and remaining a leading economic hub. In 2026, our city looks forward to hosting the globe to celebrate and commemorate our nation’s past, present, and future.”

As part of the Semiquincentennial (250th) celebration of the United States, INR 250 will showcase America’s unwavering support to maritime security, economic prosperity, and freedom of the seas for all nations. It will connect Americans with the Navy’s longstanding role, as set forth in the U.S. Constitution, to protect American shores from foreign predation and preserve access to international trade. This extraordinary gathering will also pay tribute to countless generations of Americans who have served, sacrificed and continue to serve in defense of our nation and national maritime interests.

“New York City has always been and remains a historic maritime powerhouse,” said NYC Department of Veterans’ Services’ Commissioner James W. Hendon. “From the Brooklyn Navy Yard, where iconic ships like the USS Arizona were built, to its ongoing significance in fostering international naval partnerships, New York City has been and will always remain a gateway to global trade and maritime innovation. Hosting the International Naval Review on the nation’s 250th birthday, yet again proves that New York City is the most Veteran and military friendly city in the world.”

From the early days of exploration and independence to the present era of global maritime commerce and strategic competition, the United States has always recognized its vital connection to the sea. INR 250 will offer a unique opportunity to reflect on the proud heritage, achievements and sacrifices that have shaped our nation's maritime legacy.

"For 250 years, our Navy and Marine Corps Team – composed of our Sailors, Marines, Navy Civilians, Merchant Mariners, and supported by America's shipyard workforce – have built, crewed and sailed across the globe, defending liberty, promoting freedom and advancing maritime statecraft on behalf of our nation," said Secretary Del Toro. "Our naval heritage is intertwined with the earliest days of American independence, and INR 250 speaks to our longstanding connection with New York City and its harbor."

The U.S. Navy is inviting international navies, maritime forces and coast guards from over 130 Allied and partner nations to join INR250 and celebrations throughout the week from July 3-8. Scores of foreign warships, aircraft, and delegations will join the U.S. Fleet in the Port of New York and New Jersey. Like previous reviews, warships and vessels from federal, state, City of New York, and other partners will anchor as far south as the Verrazano Bridge and as far north as the George Washington Bridge.

An aerial review and flyover for INR250 will include all types of military, historic, and other aircraft and will likely be among the largest gathering of aircraft for a review in decades. The U.S. Navy and the City of New York will showcase one of the largest gatherings of Tall Sailing ships from around the world for the International Parade of Tall Ships coinciding with INR250.

In addition to INR 250, Sail4th 250, working alongside the

U.S. Navy, will oversee what promises to be the greatest gathering of international tall ships in celebration of America's 250th birthday on July 4, 2026 in the Port of New York and New Jersey. The International Parade of Tall Ships will feature 30 international Tall Ships accompanied by hundreds of other historic, leisure, and sailing vessels. The "Parade of Sail" will span from the Verrazzano Bridge to the George Washington Bridge.

"Sail4th 250 is proud to be working with the U.S. Navy, the City of New York, the US Coast Guard, and countless others to continue the long tradition of bringing the international Tall Ships to the world's most famous harbor for this historic milestone event – America's Semiquincentennial," added Sail4th 250 President Chris O'Brien.

The International Parade of Tall Ships started with the 1964 World's Fair led by Operation Sail. For America's 250th celebration, Sail4th 250 will build on this maritime spectacle, not seen since July 4, 2000 during the millennium celebration.

Mayor Adams and Secretary Del Toro also announced the shift of the annual Fleet Week New York to coincide with INR 250. It will include events featuring the Navy Flight Demonstration Squadron, the Blue Angels, large-scale outreach events, public engagements for U.S. and international Sailors, static displays, and other engagements throughout the Tri-State area. These events will be open to the public and international visitors.

INR 250 will display the strength and capabilities of the modern U.S. Navy, which continues to play a critical role in ensuring our nation's security as well as global maritime security alongside Allies and partners. By gathering like-minded navies and maritime forces from around the globe, INR 250 will demonstrate the United States' commitment to

international cooperation and maritime security.

INR 250 will be the 7th international naval review hosted in the United States and the 4th held in the Port of New York and New Jersey, following 1976, 1986, and 2000 reviews. With New York as its centerpiece, INR 250 will commence a series of events with U.S. Navy and international Tall Sailing ship participation, to include Fleet Weeks, and port visits in East Coast and Gulf port cities of New Orleans, Norfolk, Baltimore, and Boston.

Secretary Del Toro and Mayor Adams look forward to collaboration with the federal partners, the States of New York and New Jersey, and City of New York leadership, and the American people as we countdown to America's Semiquincentennial and the International Naval Review 250.

USS Cowpens Decommissioned After 33 Years of Service



NAVAL BASE SAN DIEGO (Aug. 27, 2024) – Retired Vice Adm. Edward Moore delivers remarks at the decommissioning ceremony for the Ticonderoga-class guided-missile cruiser USS Cowpens (CG 63) at Naval Base San Diego Aug. 27, 2024. Cowpens was commissioned in 1991, marking 33 years as a United States Ship. (U.S. Navy photo by Mass Communication Specialist 1st Class Claire M. DuBois)

From Chief Petty Officer Mark Faram, 28 August 2024

SAN DIEGO – Ticonderoga-class guided-missile cruiser USS Cowpens (CG 63) was recognized for more than 33 years of naval service during the decommissioning ceremony at Naval Base San Diego on August 27.

Hundreds gathered to celebrate the ship's distinguished history of naval service. Cowpens's Commanding Officer, Cmdr. Jac O. Ullman III spoke of the ship's legacy and its crew.

“A guiding principle in the last chapter onboard, has been to honor the legacy of Cowpens”, said Ullman. “To honor the grit, determination, and creativity of the Continental Army and

Militiamen from that cold battlefield. To honor the service of those on the first USS Cowpens – CVL 25 – and to honor the legacy of those who served before us during Mighty Moo's 33 year career... We have done just that."

USS Cowpens participated in many operations and exercises, contributing significantly to U.S. naval power projection and security. From enforcing no-fly zones to conducting maritime security operations, the ship demonstrated versatility and capability across a range of mission profiles.

One of the notable milestones in Cowpens's history was its participation in Operation Enduring Freedom. Tasked with providing air defense and maritime security. The ship played a vital role in the early stages of the global war on terror, showcasing the Navy's ability to respond swiftly to emerging threats.

The ship's prowess was further demonstrated during Operation Iraqi Freedom, providing crucial support for coalition forces in the Persian Gulf region. From conducting surveillance to launching precision strikes, USS Cowpens contributed to the success of coalition efforts to stabilize Iraq.

"From 1983 onward, these ships [Cowpens] defended our nation's interests, supported critical combat operations, and ensured freedom of the seas; more than that, they brought AEGIS and VLS, revolutionary technologies into the hands of our warfighters", said Rear Adm. Ted LeClair, Deputy Commander of Naval Surface Force, U.S. Pacific Fleet.

"Cowpens, the seventeenth AEGIS ship built, provided the value of these advancements. As AEGIS and VLS have evolved in both the Cruiser and Destroyer variants, Cowpens continuously demonstrated their effectiveness and lethality."

Also in attendance was Cowpens sponsor, Mrs. Lucy Mustin and

the first commanding officer of Cowpens, Vice Adm. Edward Moore (Ret.).

“At the end of this day, no matter when we were crewmembers, we can all agree we served on the best ship, the most formidable warship, in the best Navy, and in the best country in the world”, said Moore. “I know in my heart that long after we leave this pier today, we will, from time to time, continue to reflect on our service to country, ship, and each other.”

Additionally, the ship played a key role in humanitarian assistance and disaster relief operations, providing aid to regions devastated by natural disasters such as the 2004 Indian Ocean tsunami and the 2011 earthquake and tsunami in Japan. These operations underscored the Navy’s commitment to global stability and humanitarian values.

The second ship to bear the name, Cowpens was built in Bath, Maine, and commissioned March 9, 1991, in Charleston, South Carolina. Named after the pivotal Battle of Cowpens during the American Revolutionary War, the ship has faithfully served the nation for more than three decades, embodying the valor and resilience of its namesake.

After the decommissioning and inactivation, the ship will be towed to the Navy’s Inactive Ship facility in Pearl Harbor, Hawaii where it will be in a Logistic Support Asset (LSA) status.

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.

The U.S. Navy Collaborates with Colleges and Universities to Transition Cutting-Edge Capabilities to the Fleet

New “Investment Horizons” Framework Accelerates Technology Transitions from Academia to Defense

ARLINGTON, Va., August 27, 2024 – As the world grapples with increasing geopolitical tensions and the race for technological dominance intensifies, the Office of Naval Research (ONR), led by Corey Love, PhD, is partnering with Stanford University’s [Technology Transfer for Defense \(TT4D\)](#) program, led by Jeff Decker, PhD, to take decisive action to ensure the U.S. military remains at the forefront of innovation. The partnership between the two institutions is accelerating the transfer of technologies from dozens of academic labs around the country to military application. The [“Investment Horizons”](#) framework, recently developed under the guidance of Acting Chief Technology Officer Justin Fanelli, is a groundbreaking initiative designed to streamline and fastrack the transition of emerging technologies from academic research to military application.

The new framework used by the ONR-Stanford partnership, is redefining how the U.S. Navy identifies, develops, and integrates innovative solutions, ensuring technological superiority in an increasingly competitive global landscape. Transitioning these cutting-edge technologies addresses national security threats in an era defined by rapid change and strategic competition. The results are already tangible. Technologies developed in university labs are being scaled and

deployed across the military, enhancing the operational readiness of U.S. forces and strengthening the defense industrial base. "Investment Horizons" categorizes technologies into four strategic stages:

- Horizon 3 (Evaluating): Technologies that offer new capabilities, such as advanced energy storage solutions, are identified and assessed for potential military application. For instance, Nickel-Zinc battery research by Prof. Chris Rhodes and Dr. Debra Rolison at Texas State University, is currently under evaluation for use in Undersea Underwater Vehicles, with funding from ONR. The NiZn technology has already been fully vetted and is commercially scalable and now its military use is under evaluation.
- Horizon 2 (Emerging): Promising technologies undergo pilot programs to evaluate their scalability and integration into military operations. An example of Horizon 2 under the ONR NEPTUNE program, is the work of Prof. Steve Leeb at MIT who is testing new methods of energy management and monitoring on shipboard systems. These methods utilize AI-assisted electrical load-balancing technologies, which already exist, but these technologies must be assessed for their potential to be integrated and scaled across the U.S. Navy's fleet in such a way that maintains the operational effectiveness of U.S. naval vessels.
- Horizon 1 (Investing/Extracting): Proven technologies are scaled for widespread deployment across the Navy, ensuring sustained operational effectiveness. Many university labs across the country conduct pilot tests of basic science applications which may or may not yield meaningful solutions to current and anticipated Navy

challenges. The U.S. Navy invests in new potential technologies at institutions around the country to ensure the future of the US industrial base.

- Horizon 0 (Retiring): Outdated technologies are phased out, allowing resources to be reallocated to more promising innovations aligned with the Navy's strategic goals.

"The urgency of what is currently going on in our world in terms of conflict, demands that we accelerate the transition of game-changing technologies into the military, ensuring our forces are equipped with the most advanced tools available," said Justin Fanelli, acting chief technology officer with the United States Department of the Navy. "Through collaboration with institutions like Stanford University, we're now able to move from research to deployment faster than ever, which is essential given today's global challenges."

ONR's NEPTUNE program and Stanford's Technology Transition for Defense program play a pivotal role in this effort. Dr. Decker emphasizes the strategic importance of aligning academic research with military needs.

"The collaboration between Stanford University and the U.S. Navy is a powerful example of how academia can drive significant advancements in defense technology," said Dr. Decker, managing director of the Technology Transfer for Defense program at Stanford University and with the Precourt Institute for Energy and a Social Science research scholar at Stanford. "The Investment Horizons framework is not just about adopting new technologies – it's about ensuring that these innovations are strategically aligned with the long-term needs of the military at a time when global competition is at its fiercest."

With ongoing global conflicts in Africa, Middle East, Europe,

and the Indo-Pacific, the need for rapid and effective technology transitions has never been more critical. The Investment Horizons framework, supported by the innovative efforts of ONR programs like NEPTUNE and NURP and academic partnerships, is positioning the U.S. Navy military to maintain its edge in this new era of Great Power Competition.

To learn more about the ONR Investment Horizons framework, visit onr.navy.mil; for more information on the Technology Transfer for Defense program at Stanford University, visit techtransferfordefense.stanford.edu.

National Call to Maritime Service Website launched

27 August 2024

WASHINGTON – Assistant Secretary of the Navy (Manpower and Reserve Affairs), the Hon. Franklin R. Parker today announced the launch of the National Call to Maritime Service (NCTMS) and Naval Civilian Careers (NCC) websites in Syracuse, New York.

During a joint Navy Week Proclamation with Onondaga County Executive, Ryan McMahon, and Syracuse Mayor Ben Walsh, the Hon. Parker highlighted the broad range of opportunities to serve in the Department of the Navy, both in and out of uniform, and appealed to the audience to explore how they might answer the call.

“Service to country looks different for everyone—it might be in a uniform or public service or as a volunteer in your local

community, but as a life path, it carries profound personal and national significance,” said Hon. Parker. “We need every generation to understand the important role service plays in the fabric of our Nation, and we are encouraging the next generation to take part in building the Nation’s maritime defense and, ultimately, protecting our national security.”

In May 2024, the Secretary of the Navy, Carlos Del Toro, issued the NCTMS to emphasize the benefits and importance of service to country. NCTMS is a call to our Nation’s youth, educators, veterans and leaders, as well as every citizen who values freedom, to consider how they might contribute. NCTMS encourages everyone to explore the different career paths within the DON at www.secnav.mil/calltomaritimeservice.

Developed as a portal, the website allows individuals to embrace their curiosity around service and explore areas they may never have considered. It helps determine what best resonates with the individual and directs them to adjoining sites where they can learn more about the wealth of opportunities offered with the Navy and Marine Corps, as well as other jobs in support of maritime service – both military and civilian.

“We are grateful to have Secretary Parker here to officially kick off Syracuse Navy Week and make such an important announcement about the National Call to Maritime Service,” said Mayor Walsh. “Syracuse, and the hard-working, service-oriented nature of our citizens, is the perfect backdrop for this announcement, and we are standing by to answer the call.”

The Navy Week program has served as the Navy’s principal outreach effort into areas of the nation without a significant Navy presence, with over 300 Navy Weeks held in 95 different U.S. cities. The program is designed to share with Americans how their Navy is deployed around the world and around the clock, and why a strong Navy is vital to protecting the

American way of life.

To learn more about the NCTMS and the various ways that you can serve your country, please visit <https://www.secnv.navy.mil/calltomaritimeservice/Pages/default.aspx>.

Navy Awards Contract For Continued AN/UPX-50 Interrogator Redesign



Operations Specialist 3rd Class Rikisha Cormier, assigned to the amphibious assault ship USS Boxer (LHD 4), identifies air contacts from the combat information center during a previous

underway in the eastern Pacific Ocean. The new contract enhances the combat information center with the continued redesign of the AN/UPX-50(C) digital interrogator assemblies.

Aug 28, 2024

NAVAL AIR SYSTEMS COMMAND, Patuxent River, Md.—The U.S. Navy awarded a \$24 million contract to BAE Systems for the continued redesign of the AN/UPX-50(C) digital interrogator assemblies.

The cost-plus-fixed-fee contract is a modification to a previously issued basic ordering agreement to address parts obsolescence and implement solutions to achieve compliance with the latest specifications, qualification and certification standards for the Navy. Additionally, this order adds tasking for the integration of Target Report Processing capabilities into the Common Core DI, formerly hosted in the Interrogator Set, AN/UPX-24(V).

The redesigned interrogator features a common modular design and systems architecture that allows for customized configurations and performance optimization. The design of this next generation interrogator allows for faster updates to Identification Friend or Foe technology in air defense, weapon systems, air traffic control and range instrumentation for several decades.

Work is scheduled to be complete in late 2026.