

Raytheon Technologies unveils next-generation electro-optical intelligent-sensing capability

[Release from Raytheon Technologies](#)

April 24, 2023

RAIVEN reduces pilot workload while accelerating engagement decisions much faster than adversaries

ARLINGTON, Va., April 24, 2023 /PRNewswire/ – Raytheon Technologies (NYSE: RTX) today announced the launch of RAIVEN, a revolutionary electro-optical intelligent-sensing capability, which will enable pilots to have faster and more precise threat identification.

RAIVEN can identify objects optically and spectrally simultaneously in real-time – a single electro-optical/infrared, or EO/IR, system has never been able to do this before.

RAIVEN's 'intelligent-sensing' capability uses artificial intelligence, hyperspectral imaging, and light detection and ranging, or LiDAR, to enable operators to see up to five times farther and clearer than traditional optical imaging. This helps increase platform survivability and gives the warfighter decision advantage over peer threats.

"The future battlespace will consist of a myriad of threats from all directions evolving at an unprecedented pace," said Torrey Cady, vice president of Surveillance and Targeting Systems at Raytheon Intelligence & Space. "RAIVEN improves

platform survivability and keeps the warfighter safe by providing accurate, persistent target observation coupled with accelerated information sharing. This combination enables a decision-making process that simultaneously reduces pilot workload while accelerating engagement decisions to prosecute targets much faster than adversaries.”

Paired with AI, RAIVEN synthesizes reams of data into a detailed picture of the battlespace and the threats within it. The AI automatically detects and identifies threats, delivering a level of automation for the operator to choose what decisions need to be made – providing a critical capability while drastically reducing operator workload.

RAIVEN is a modular, open system that builds upon the successes of Raytheon Technologies’ combat-proven Multi-Spectral Targeting System family of sensors. RAIVEN provides more mission versatility and capability than ever before – all within the same size, weight and power specifications.

The first version of RAIVEN, RT-1000, can support a wide array of missions, including the U.S. Army’s Future Vertical Lift modernization effort, with the first flight test being conducted in 2024.

Work for this program is being done in McKinney, Texas.

Navy Announces Commitment of \$6 million to Kalaeloa

Community Revitalization



Photo By [Petty Officer 2nd Class Greg Hall](#) | BARBER'S POINT, Hawaii – Assistant Secretary of the Navy for Energy, Installations, and Environment (EI&E) and Chief Sustainability Officer Meredith Berger speaks with members of the Hawaii Military Affairs Council, after announcing the commitment of \$6 million of funding to modernize the electrical grid supplying the Kalaeloa community Apr. 25, 2023. Berger's visit to Hawaii helps demonstrate the work of the Department of the Navy and the EI&E portfolio and highlight the importance of Communities, Climate Action, and Critical Infrastructure. (U.S. Navy photo by Mass Communication Specialist 2nd Class Greg Hall)

[Release from Commander, Navy Region Hawaii Public Affairs](#)

JOINT BASE PEARL HARBOR-HICKAM, Hawaii – Assistant Secretary of the Navy for Energy, Installations, and Environment (EI&E)

and Chief Sustainability Officer Meredith Berger announced a key commitment of \$6 million to an historic Oahu community that the Navy long called home. Working with Hawaiian Electric (HECO), Hawaii Community Development Authority, Hawaii Congressional delegations, local elected officials, and other community partners, the Department of the Navy's commitment of funding will modernize the electrical grid supplying the Kalaeloa community.

Specifically, this financial support will enable the design and construction of a new distribution system to improve reliability, facilitate the transition of all utility customers to become part of the Hawaiian Electric system – a first step towards the Hawaii Community Development Authority's Kalaeloa Master Plan and other revitalization, and resilience efforts for this area and its people.

"This community has history and significance, and is one that our institution and our people have called home. We believe in the vision for its future," said Berger. "The commitment we announce today, the planned collaboration with key partners, and the potential we see in the long-term plan here are all efforts we are proud to support."

With the commitment of initial funding, the Navy and HECO will create and assess a work plan to support the planning, development, approval processes and affiliated phased timing to achieve this critical first step towards the planned revitalization.

"We are grateful to share the common goal of community

building with the Navy, and are thankful for the work of our congressional delegation, state and county lawmakers, Secretary Berger, the Navy, Community members and everyone else involved, because this will ensure the Kalaeloa community has the reliable electricity it needs to thrive,” said Craig Nakamoto, executive director of Hawaii Community Development Authority. “This critical infrastructure improvement will encourage long needed growth and revitalization, including housing and mixed-use development, in the Kalaeloa community.”

Kalaeloa is located on the site of former Naval Air Station Barbers Point that was active for 57 years of service from 1942 until 1999 when it was closed as part of the Base Realignment and Closure (BRAC) process and transferred to the state of Hawaii.

“In my portfolio I focus on three ‘Cs’: communities, critical infrastructure, and climate action,” Berger said. “Strong critical infrastructure is foundational to a community and today we take a first step toward making a more resilient Kalaeloa.”

Secretary Berger is visiting Hawaii as part of a series of visits across the country from Earth Day to Arbor Day to demonstrate the work of the Department of the Navy and the EI&E portfolio to highlight the importance of Communities, Climate Action, and Critical Infrastructure.

<https://www.dvidshub.net/news/443364/navy-announces-commitment-6-million-kalaeloa-community-revitalization>

USS San Juan (SSN 751) conducts brief stop off Iceland's coast



[Release from U.S. Naval Forces Europe-Africa/U.S. Sixth Fleet Public Affairs](#)

By U.S. Naval Forces Europe-Africa/U.S. Sixth Fleet Public Affairs

NORTH ATLANTIC OCEAN —

The Los Angeles-class fast-attack submarine USS San Juan (SSN 751) conducted a brief stop for supplies and personnel off

Iceland's west coast while operating in the High North, April 26, 2023.

San Juan's presence in the region comes after the Icelandic Minister for Foreign Affairs informed the United States that U.S. Navy submarines will be allowed to make such short visits in Iceland to receive supplies and exchange crew members, as the Allies work to increase monitoring and response capacity in the North Atlantic.

This visit enhances regional maritime domain awareness and increases the safety of underwater infrastructure such as submarine cables. It also paves the way for future stops as needed and as supportable.

"We thank our Icelandic Allies for allowing San Juan to conduct this brief stop for supplies and personnel in Icelandic waters," said Capt. John Craddock, Commander Task Force 69. "This visit demonstrates the strength of the Iceland-U.S. strategic relationship and our mutual commitment to maritime domain awareness and increased response capabilities in the Arctic and North Atlantic. The ability to conduct these stops out of Iceland greatly increases our operational flexibility in the Greenland-Iceland-U.K. Gap."

Iceland and the United States, both founding members of NATO, enjoy a decades-long strategic relationship built on a foundation of shared values and common approaches to regional challenges and opportunities. Iceland has provided host country support to U.S. and Allied maritime patrol and reconnaissance aircraft (MPRA) from Keflavik Air Base.

Iceland also hosted exercise Northern Viking in April 2022, a joint and coalition live exercise which strengthened interoperability and force readiness among Iceland, the U.S., and Allied nations, and is currently supporting NATO's annual anti-submarine warfare exercise Dynamic Mongoose.

Allowing U.S. submarines in Icelandic waters is part of

Iceland's defense commitments and an important contribution to the common defense of the NATO member states. San Juan does not carry nuclear weapons and its visit comes in cooperation with Iceland's Radiation Protection Authority, Coast Guard and the Office of the Inspector General of Police.

For more than 80 years, U.S. Naval Forces Europe-U.S. Naval Forces Africa (NAVEUR-NAVAF) has forged strategic relationships with allies and partners, leveraging a foundation of shared values to preserve security and stability.

Headquartered in Naples, Italy, NAVEUR-NAVAF 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.

**SHIPS ARRIVE IN FORT
LAUDERDALE FOR FLEET WEEK
PORT EVERGLADES**



[Release from Navy Region Southeast](#)

24 April 2023

FORT LAUDERDALE, Florida – For the next week, Southeast Florida residents will have the opportunity to see and tour Navy and U.S. Coast Guard ships as the 32nd Fleet Week Port Everglades kicks into gear.

U.S. Navy destroyer, USS Cole (DDG 67), a ship commissioned in 1996 in Fort Lauderdale, was the first to arrive followed by the amphibious dock ship USS New York (LPD 21), expeditionary fast transport USNS Newport (T-EPF-12) and the fast attack submarine USS Indiana (SSN 789) early, Sunday morning, April 23. USCGC William Flores (WPC-1103) will arrive Monday.

Reservations were taken to tour the ships and more than 9,000

slots were filled in advance of the arrival for Monday through Saturday tours.

The Navy Band will perform at more than 15 venues across the city including performing the national anthem for the Florida Panthers playoff game April 23 and the Miami Marlins Friday, April 28.

"We look forward to being in Port Everglades to spend time with the outstanding citizens of South Florida," said Rear Adm. Tom Williams, commander, Expeditionary Strike Group TWO. "We are proud to be able show the community our ships as well as the outstanding Sailors, Marines, Coast Guardsmen and Merchant Mariners who make our Naval Service – Navy, Marine Corps, Coast Guard and Military Sealift Command – the very best in the world."

In addition to the ships; equipment displays, Marine and Navy recruiting information and Navy environmental programs will be available for visitors to see as they wait for their tours.

More than 100 servicemembers will also endeavor to say "thank you" to the local community through volunteer efforts at various locations across Fort Lauderdale. Sailors and Coast Guardsmen will mentor and visit with students from several area schools, help refurbish areas around the Naval Air History Museum, visit veterans at a senior facility, and support youth fitness at two separate YMCA events.

Monday brings a new event where the ships will host more than 800 JROTC students from Broward County Schools for tours as part of a Fleet Week STEM summit. About 300 JROTC cadets from Miami will visit Tuesday morning as part of the youth VIP tours.

The Sailors will also participate in a series of other events including: an all-hands welcome ceremony involving the mayor; a salute to veterans event and a salute to women in the

military; a traditional chili cook-off against local fire and police teams; and a Damage Control Olympics competition which will pit teams of Sailors from each ship and the USCG against each other through a series of challenging events at a damage control trainer.

Arleigh Burke-class Aegis-equipped guided-missile destroyer, USS Cole is homeported at Naval Station Norfolk, Virginia. USS Cole is named in honor of Marine Sgt. Darrell S. Cole, a machine gunner who was killed in action at the Battle of Iwo Jima, Japan, on Feb. 19, 1945, during World War II.

USS New York is the fifth ship in the San Antonio-class amphibious transport dock, and the sixth ship of the U.S. Navy to be named after the great state of New York. A special tribute to the people that died on 9/11 is the 7 and $\frac{1}{2}$ tons of steel recovered from the World Trade Center and cast as USS New York's bow stem.

USS Indiana was the 16th Virginia-class fast-attack submarine built. Fast-attack submarines like USS Indiana are multi-mission platforms enabling five of the six Navy maritime strategy core capabilities – sea control, power projection, forward presence, maritime security and deterrence.

USNS Newport is a 338-foot-long aluminum catamaran designed to be fast, flexible and maneuverable, even in austere ports, making it ideal for rapidly transporting troops and equipment within a theater of operations. The ship can be tasked with, anything from carrying containerized portable hospitals to support disaster relief to transporting tanks and troops. The ship is the twelfth Spearhead-class expeditionary fast transport and operated by Military Sealift Command

Information on events and activities may be found by visiting <https://Browardnavydaysinc.Org/> or on Facebook

at <https://www.facebook.com/FleetWeekPortEverglades>

Flag Officer Announcements

[Release from the Department of Defense](#)

APRIL 24, 2023

Secretary of Defense Lloyd J. Austin III announced today that the president has made the following nominations:

Navy Vice Adm. Charles B. Cooper II for reappointment to the grade of vice admiral, with assignment as deputy commander, U.S. Central Command, MacDill Air Force Base, Florida. Cooper is currently serving as commander, U.S. Naval Forces, Central Command; commander, Fifth Fleet; and commander, Combined Maritime Forces, Manama, Bahrain.

Navy Rear Adm. Yvette M. Davids for appointment to the grade of vice admiral, with assignment as superintendent, U.S. Naval Academy, Annapolis, Maryland. Davids is currently serving as director, Learning to Action Board, Office of the Chief of Naval Operations, Washington, D.C.

Navy Rear Adm. Christopher S. Gray for appointment to the grade of vice admiral, with assignment as commander, Navy Installations Command, Washington, D.C. Gray is currently serving as commander, Navy Region Mid-Atlantic, Norfolk, Virginia.

Navy Rear Adm. John E. Gumbleton for appointment to the grade of vice admiral, with assignment as deputy commander, U.S. Fleet Forces Command, Norfolk, Virginia. Gumbleton is

currently serving as deputy assistant secretary of the Navy for Budget; and director, Fiscal Management Division, N82, Office of the Chief of Naval Operations, Washington, D.C.

Navy Rear Admiral Brendan R. McLane for appointment to the grade of vice admiral, with assignment as commander, Naval Surface Forces; and commander, Naval Surface Force, U.S. Pacific Fleet, San Diego, California. McLane is currently serving as commander, Naval Surface Force, Atlantic, Norfolk, Virginia.

Navy Rear Adm. James E. Pitts for appointment to the grade of vice admiral, with assignment as deputy chief of naval operations for Warfighting Requirements and Capabilities, N9, Office of the Chief of Naval Operation, Washington, D.C. Pitts is currently serving as director, Warfighting Integration, N9I, Office of the Chief of Naval Operations, Washington, D.C.

Vietnam War Commemoration to Host ‘Epic Event’

Arlington, VA – The United States of America Vietnam War Commemoration is set to host its [biggest event to date](#) to honor Vietnam veterans, said Major General Ed Chrystal and Commander Brian Wierzbicki, acting director and chief of public engagement, respectively, in a media roundtable held on April 25.

The “Welcome Home! A Nation Honors our Vietnam Veterans and their Families,” event will be held on the National Mall in Washington, D.C. May 11-13. The Commemoration expects thousands to attend over the three-day event, featuring

special guest speakers and concerts. The opening ceremony, concerts, and speaking events will also be streamed live for those who cannot attend in person.

“This national once-in-a-lifetime event will honor Vietnam veterans and their enduring legacy of service inspiring Americans to thank them and their families for their service and sacrifice,” the Commemoration stated in a press release.

In 2008, Congress authorized the establishment of the Vietnam War Commemoration, signed into law by President George W. Bush in January of that year. President Obama inaugurated Commemoration at the Vietnam Veterans Memorial in 2012. Since that time, the Commemoration has worked to build partnerships to reach as many of the approximately 7 million Vietnam veterans both in the U.S. and abroad.

So far, the Commemoration has reached approximately 3.7 million Vietnam veterans, according to Wierzbicki. The Welcome Home event is designed to “serve as a catalyst” to reach others so that they may be recognized and thanked, he said. Both Wierzbicki and Chrystal talked about the importance of honoring our veterans, stating that, “how we treat those who fought our past wars will have a direct impact” on who will be willing to fight our wars in the future.

You can read more about the United States of America Vietnam War Commemoration and the upcoming Welcome Home! event [at the organization's website](#).

USCGC Resolute returns home

following 63-day Caribbean patrol



[Release from U.S. Coast Guard Atlantic Area](#)

ST. PETERSBURG, Fla. – The crew of the USCGC Resolute (WMEC 620) returned to their home port in St. Petersburg, Tuesday, following a 63-day patrol in the Gulf of Mexico, Florida Straits and Caribbean Sea.

Patrolling the Seventh Coast Guard District's area of responsibility in support of Operation Vigilant Sentry, Resolute's crew conducted migrant interdiction operations protecting the United States' southern maritime border. Working alongside Coast Guard and joint interagency assets, Resolute's primary mission was to detect, deter, and intercept unsafe and illegal maritime ventures bound for the United

States.

Throughout the patrol, Resolute's crew interdicted three migrant vessels and rescued 40 migrants from unseaworthy vessels attempting to make the dangerous voyage across the Florida Straits. Resolute's crew also supported and cared for an additional 190 migrants interdicted by other Coast Guard assets. Most notably, following Resolute's rescue of 17 migrants from Cay Sal Bank, a remote island near the Bahamas, the crew medically evacuated an unresponsive Cuban migrant by a Coast Guard MH-60T Jayhawk helicopter crew from Air Station Clearwater to a nearby medical facility.

"I could not be prouder of this crew and what they were able to accomplish during this patrol," said Cmdr. Michael Ross, the commanding officer of Resolute. "They answered the call and responded to every case with dignity, compassion and professionalism."

Resolute is a 210-foot, Reliance-class medium endurance cutter. The cutter's primary missions are counter drug operations, migrant interdiction and search and rescue in support of U.S. Coast Guard operations throughout the Western Hemisphere.

For information on how to join the U.S. Coast Guard, visit [GoCoastGuard.com](https://www.go CoastGuard.com) to learn about active duty, reserve, officer, and enlisted opportunities. Information on how to apply to the U.S. Coast Guard Academy can be found [here](#).

MQ-9B SEAGUARDIAN® FEATURED

IN US NAVY'S GROUP SAIL EXERCISE



[Release from General Atomics – Aeronautical Systems International](#)

SAN DIEGO – 25 April 2023 – The U.S. Navy's Group Sail Exercise, held over a six-day period in Hawaiian military operating areas, featured one of the world's most advanced Unmanned Aircraft Systems (UAS) – the MQ-9B SeaGuardian® supplied by General Atomics Aeronautical Systems, Inc. (GA-ASI). SeaGuardian conducted Maritime Intelligence, Surveillance and Reconnaissance (MISR), Anti-Submarine Warfare (ASW), Long Range Fires, and simulated Battle Damage Assessment as part of Group Sail, which supported Carrier Strike Groups FIFTEEN and ONE.

During the exercise, which ran April 12-17, 2023, SeaGuardian integrated with U.S. Navy ships (carriers, cruisers, and destroyers) and aircraft (F-35C, F/A-18, EA-18G, E-2D, MH-60, and P-8) to support various naval missions that included

Maritime Domain Awareness, Surface Warfare, Information Warfare, and numerous time-sensitive targeting objectives and simulated Battle Damage Assessments.

“We were thrilled that the U.S. Navy requested SeaGuardian be part of the Group Sail training event,” said GA-ASI President David R. Alexander. “We know the many successes of SeaGuardian during the USN’s RIMPAC 2022 exercise was a big reason the SeaGuardian was invited back to Hawaii to support Group Sail.”

In addition to its contributions during Group Sail, the SeaGuardian self-deployed from GA-ASI’s Desert Horizons flight operations facility in El Mirage, Calif., to Marine Corps Base Hawaii, covering over 2,500 nautical miles in a single flight and demonstrating SeaGuardian’s unrivalled expeditionary attributes. The aircraft self-deployed back to El Mirage following the exercise.

USCGC Forward returns home following counterdrug patrol in the Caribbean Sea



[Release from U.S. Coast Guard Atlantic Area](#)

April 24, 2023

PORTSMOUTH, Va. – The crew of the USCGC Forward (WMEC 911) returned to their home port in Portsmouth, Saturday, following a multi-week training exercise and counterdrug deployment in the central Caribbean Sea.

While underway in the Seventh Coast Guard District's area of responsibility and in support of Joint Interagency Task Force–South, Forward traveled more than 6,000 miles conducting counterdrug operations as part of a multi-faceted approach to combatting illicit narcotics trafficking across maritime borders.

Part of this effort included international partnerships with the HNLMS Holland (P840) of the Royal Netherlands Navy and other U.S. military vessels, including USCGC Campbell (WMEC 909), USCGC Margaret Norvell (WPC 1105), and USS Little Rock

(CL 92).

Throughout the patrol, Forward held approximately 4,700 pounds of cocaine on deck worth an estimated \$81 million. Forward intercepted three suspected narcotics smugglers earlier this month and held nine others throughout the patrol. On Tuesday, the crew conducted a further offload to partner agencies in Port Everglades, Florida.

“The crew lived up to our namesake ‘Ever the Sentinel’ and was ready to take on any mission,” said Cmdr. Staci Rutsch, Forward’s commanding officer. “Forward’s crew demonstrated the Coast Guard’s resiliency and adaptability by maintaining proficiency in interagency and international operations while upholding the ability to meet the nation’s maritime demands. I am truly impressed and thankful for their devotion to duty.”

Forward is a 270-foot, Famous-class medium endurance cutter. The cutter’s list of mission sets include law enforcement, search and rescue, protection of living marine resources, homeland security and defense operations, international training and humanitarian operations throughout the Western Hemisphere.

For information on how to join the U.S. Coast Guard, visit www.GoCoastGuard.com to learn more about active duty and reserve officer and enlisted opportunities. Information on how to apply to the U.S. Coast Guard Academy can be found at www.uscga.edu. For more, follow us on Facebook, Instagram and Twitter.

CNO Travels to New England Shipyards with Congressional Delegation; Emphasizes Value of Shipyards to the Navy



[Release from the CNO Public Affairs](#)

24 April 2023

PORTSMOUTH NAVAL SHIPYARD, Maine – Chief of Naval Operations (CNO) Adm. Mike Gilday traveled to Bath, and Kittery, Maine, where he and congressional leaders visited General Dynamics Bath Iron Works (BIW) and Portsmouth Naval Shipyard (PNS), April 24.

In Bath, Gilday met with Sens. Susan Collins and Angus King, and together they visited shipyard facilities, toured the

Orion Training Academy, and met with Sailors aboard the future USS Carl M. Levin (DDG 120).

“Our partnership with industry is critical to our Navy and our national security... we must continue to build ships, submarines and aircraft to meet the challenges of today and tomorrow,” said Gilday. “I’m grateful for the work and the improvements being made at Bath Iron Works to ensure our warfighters continue to receive cutting edge capabilities and extraordinary ships.”

At the shipyard, Gilday and the congressional delegation met with Bath Iron Works President Mr. Chuck Krugh and other BIW executives. The leaders discussed challenges of the shipyard, as well as workforce and programmatic improvements across the company.

Aboard Levin, Gilday met with the ship’s command triad and presented awards to Sailors.

“It is a great opportunity to visit the crew of the future USS Carl M. Levin for a second time, and see how far the ship has come in a year,” said Gilday. “A ship is nothing without the crew, and I am confident the USS Carl M. Levin will do great things for our nation because of these incredible Sailors.”

Following his visit to BIW, Gilday traveled to Kittery to visit Portsmouth Naval Shipyard and was accompanied by Collins and Sen. Maggie Hassan. Throughout the visit, they spoke with personnel and toured one of the facilities the Navy uses to overhaul, repair, and modernize its submarine fleet.

CNO was met by PNS leadership, who accompanied him as he met with Sailors, received a Shipyard Infrastructure Optimization Program (SIOP) overview, and toured the yard.

“SIOP is critically important to the future success of our shipyards and force; this once-in-a-century effort is essential to Navy readiness and our budget request reflects

that,” said Gilday. “Everyone here at Portsmouth Naval Shipyard is a part of the Navy team and has an important role in making sure our nation maintains the strongest Navy in the world.”

After his briefs, CNO toured PNS’s reactor servicing complex and dry dock areas.

The visit marked Gilday’s third trip to Bath Iron Works and his second to Portsmouth Naval Shipyard.