

# HII's Ingalls Shipbuilding Authenticates Keel Of Amphibious Assault Ship Fallujah (LHA 9)



[Release from HII](#)

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PASCAGOULA, Miss., Sept. 20, 2023 (GLOBE NEWSWIRE) – HII's (NYSE: HII) Ingalls Shipbuilding division authenticated the keel today for the *America*-class amphibious ship *Fallujah* (LHA 9). The ship's sponsor, Donna Berger, former first lady of the Marine Corps and spouse of Gen. David H. Berger, 38<sup>th</sup> commandant of the Marine Corps, was in attendance to declare the keel "truly and fairly laid."

During the authentication ceremony Ingalls Welder Seveta Gray welded the initials of the sponsor onto a ceremonial keel plate that will remain with the ship throughout its life.

“Ingalls is honored to mark this important milestone with our shipbuilders and so many of our critical partners here today,” Ingalls Shipbuilding President Kari Wilkinson said. “Whether representing namesake, customer, community or shipyard, today’s keel event demonstrates the unique connection we have to one another through this industry and through our respective devotion to service.”

Photos accompanying this release are available at: <https://hii.com/news/hii-ingalls-shipbuilding-authenticates-keel-fallujah-lha-9>.

Ingalls was pleased to host Under Secretary of the Navy Erik Raven who also provided remarks at the ceremony.

“The USS *Fallujah*, like her predecessors the USS *America*, USS *Tripoli* and USS *Bougainville*, will one day join the amphibious fleet, and serve as the centerpiece for amphibious ready groups and Marine Expeditionary Units,” Raven said. “L-class ships like the future USS *Fallujah* make our Navy and Marine Corps a potent fighting team, forward-postured around the globe, ready to respond to crisis and disaster.”

The future USS *Fallujah* (LHA 9) is the fourth *America-class* large-deck amphibious assault ship built at Ingalls Shipbuilding and the second ship in the class to be built with a well deck. Similar to *Bougainville*, *Fallujah* will retain the aviation capability of the *America-class* design while adding the surface assault capability of a well deck and a larger flight deck configured for F-35B Joint Strike Fighter and MV-22 Osprey aircraft. These large-deck amphibious assault ships also include top-of-the-line medical facilities with full operating suites and triage capabilities.

The *America* class is a multi-functional and versatile ship that is capable of operating in a high density, multi-threat environment as an integral member of an expeditionary strike group, an amphibious task force or an amphibious ready group.

Ingalls has delivered 15 large-deck amphibious ships to the U.S. Navy. The shipyard delivered the first in the new *America* class of amphibious assault ships (LHA 6) in 2014. The second ship in the *America* class, USS *Tripoli* (LHA 7), was delivered to the Navy in early 2020 and *Bougainville* (LHA 8) and *Fallujah* (LHA 9) are currently under construction.

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## **NOAA awards contract for renovations to research ship pier in North Charleston, SC**



[Release from NOAA](#)

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**September 21, 2023**

NOAA has awarded \$59.8 million to Manson Construction Company

to renovate the agency's pier facility in North Charleston, South Carolina. The pier is integral to safe and efficient research ship operations in the area, with work expected to be completed in 2026.

The renovations will include demolishing and building a new pier that includes shoreside power for ships, as well as a warehouse, sea wall and living shoreline, and other supporting infrastructure. Reconstruction of the pier and other facility upgrades will allow NOAA ships [Ronald H. Brown](#) and [Nancy Foster](#) to once again have a designated place to dock and better accommodate research missions in the Atlantic. Both ships are homeported in Charleston.

"Many of NOAA's investments in infrastructure over the next several years are made possible because of funds from the Inflation Reduction Act," said NOAA Administrator Rick Spinrad, Ph.D. "Projects like this one to replace an aging NOAA facility along with other efforts to improve our supercomputing capacity and strengthen NOAA's hurricane hunter fleet would not be possible without this historic funding."

The design and construction of the pier and supporting infrastructure is funded in part by the [Inflation Reduction Act](#) – a historic \$3.3 billion investment to help communities, including tribes and vulnerable populations, prepare, adapt and build resilience to weather and climate events in pursuit of a climate-ready nation. The act also supports improvements to weather and climate data and services, and strengthens NOAA's fleet of research airplanes and ships.

"Our ships cannot efficiently complete their critical work without safe and reliable shoreside infrastructure," said NOAA Corps Rear Adm. Nancy Hann, director of [NOAA Marine and Aviation Operations](#) and the [NOAA Commissioned Officer Corps](#). "Investing in our infrastructure ensures that NOAA can meet essential at-sea data collection requirements for the economic security, public safety and national security for many years

to come. This award comes on the heels of our [ribbon-cutting ceremony in Ketchikan, Alaska](#), for our new facility there and I am grateful for these facilities to support our ships.”

This contract was awarded following a request for proposals that was open January–May 2023.

NOAA’s fleet of 15 research and survey ships are operated, managed and maintained by NOAA Marine and Aviation Operations. The fleet ranges from large oceanographic research vessels capable of exploring the world’s deepest ocean, to smaller ships responsible for charting the shallow bays and inlets of the U.S. The vessels support a wide range of marine activities, including fisheries surveys, nautical charting and ocean and climate studies. NOAA ships are operated by NOAA Corps officers and civilian professional mariners.

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**Coast Guard offloads more than \$160 million in illegal narcotics**



## [Release from U.S. Coast Guard 7th District](#)

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### Coast Guard 7th District

MIAMI – The crew of Coast Guard Cutter Confidence offloaded more than 12,100 pounds of cocaine worth more than \$160 million in Miami, Tuesday.

Coast Guard and partner agency crews interdicted the illegal drugs during nine separate cases in the international waters of the Caribbean Sea.

“Our team worked extremely hard, day-in and day-out, to stop illicit narcotics from reaching the United States,” said Cmdr. Thomas Martin, commanding officer of Confidence. “I am honored to serve with such a proficient crew and share in their success.”

The following assets and agencies were involved in the multiple interdictions:

- USCG Cutter Confidence (WMEC 619)
  - USCG Cutter Valiant (WMEC 621)
  - USCG Tactical Law Enforcement Team – Pacific
  - Royal Netherlands Navy Ship HNLMS Groningen (P843)
  - Royal British Navy Ship HMS Dauntless (D33)
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- U.S. Customs and Border Protection, Air and Marine Operations (AMO) aircrew
  - Joint Interagency Task Force South

“Yesterday’s contraband offload represents what can be achieved when U.S. and international defense and law enforcement agencies work together to combat the entry of illicit drugs into the United States,” said Lt. Fernando Pla, duty enforcement officer for Coast Guard District Seven. “This teamwork continues to deter the illicit drug trafficking market and is a testament to the hard work of these crews.”

Along with the illicit narcotics, 17 suspected smugglers were apprehended and face prosecution in federal courts by the Department of Justice.

Detecting and interdicting illegal drug traffickers on the high seas involves significant interagency and international coordination. The Joint Interagency Task Force South in Key West, Florida conducts the detection and monitoring of aerial and maritime transit of illegal drugs. Once interdiction becomes imminent, the law enforcement phase of the operation begins, and control of the operation shifts to the U.S. Coast Guard throughout the interdiction and apprehension. Interdictions in the Caribbean Sea are performed by members of the U.S. Coast Guard under the authority and control of the Coast Guard’s Seventh District, headquartered in Miami.

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# Koa Moana Marines Host Puma Training for Palau Maritime Law Enforcement



KOROR, PALAU

09.14.2023

Story by [Staff Sgt. Courtney White](#)

[1st Marine Logistics Group](#)

U.S. Marines with Task Force Koa Moana 23 concluded the Task Force Koa Moana RQ-20B Puma Training Course with a graduation ceremony at the Palau Joint Operations Center, Bureau of Maritime Security and Fish & Wildlife Protection, Koror,

Palau, Sept. 14, 2023.

The three-week Marine-led course taught 11 Palauan Maritime Law Enforcement Officers how to use the RQ-20B Puma drone, which is an unmanned aircraft system used for surveillance and intelligence gathering.

“Originally, we were going to just teach them how to fly the Puma,” said Staff Sgt. Alex Lane, a native of Rockford, Illinois and the course supervisor. “But, we turned it into a train-the-trainer; we train the Palauans and then they teach their fellow Palauans how to accurately operate the drone during their operations at sea and also here in their homeland of Palau.”

According to Lane, the students learned how to deal with maintenance issues as well as how to fly, launch and land the Puma.

“They were five-day instructional weeks, where we would be doing one to two days of classroom work,” said Lane. “The third day would be us flying it at the pier on land, and then the following two days would be us flying it off the boat. We would take it about a mile out and they are able to practice while the boats are moving, so they can get used to how they would normally use it in a maritime domain.”

The Palauan Maritime Law Enforcement Officers have had RQ-20B Pumas for approximately two years, but within the first year, they lost a majority of their operators to other job capacities and have not had anyone trained to fly them recently.

“We came out here and they had operators who had no knowledge and no experience,” said Lane. “Within just five days, they were full-fledged operators. The next week they were teaching

us as the instructors to see where their knowledge was at. Then the next week, they were teaching their fellow Palauans. For individuals who had no knowledge of how to fly a drone, they picked it up so fast. I was extremely impressed with them.”

The goal of the course is to enable the officers to use the Puma system on every single operation that they will embark on.

“They will be using it for search and rescue operations and as a deterrent for suspicious vessels,” said Lane. “They can fly it near them and it will be like ‘hey, this is Palau, you can’t come into our water.’ It is also the same for illegal, unregulated or unreported fishing. It will be a better reconnaissance and surveillance asset for them. They will be able to see these wrong doings and be able to get a clear picture of it and more information to relay to the nation of Palau. It makes everyone’s job easier.”

According to the Marine instructors, the students picked up on the skills quickly and were able to proficiently conduct operations.

“I think it went extremely well; we learned so much about these new technologies that we didn’t have and I think it will be very useful for us to use and utilize during our trips and for surveillance,” said Monique Hideo, a Police Officer 2 at the Palau Division of Maritime Security. “The Marines have so much knowledge about drones. It was a great experience to learn under people who really know their stuff. The Marines were amazing at making us feel confident. I would say if they weren’t there to teach us, we would be less likely to be confident behind the controller.”

During the training, the students would be designated as a mission operator or as a vehicle operator and would have

practical application exercises.

“I would say the best part was actually having the drones in the air,” said Hideo. “You could just imagine all the good things it could do when an emergency actually happens, because all of these features would be so helpful.”

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# Targeting Capability a Priority for Navy's Triton UAV



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By [Richard R. Burgess, Senior Editor](#)

ARLINGTON, Va. – Equipping the Navy’s MQ-4C Triton high-altitude, long-endurance unmanned aerial vehicle (UAV) with a targeting capability is a priority that would enhance the system’s capabilities to support distributed maritime operations, the UAV’s builder said.

The MQ-4C with the multi-intelligence Integrated Functional Capability 4 (IFC-4) achieved Initial Operational Capability (IOC) earlier this month when Unmanned Patrol Squadron 19 (VUP-19) deployed a detachment to Guam to establish an orbit. The squadron had deployed a two-aircraft detachment to Guam in 2020 for Early Operational Capability (EOC) with the IFC-3 configuration.

Rho Cauley Bruner, Northrop Grumman’s Triton program director, said in an interview with Seapower that her program office is now “fully immersed in delivering [the IFC-4] configuration” in both retrofits to earlier-produced Tritons and “now we’re at that stage in the production line where we’re building the IFC-4 configuration from the ground up.”

“As we look to the future, one of the things that’s really important to us is to have the system be as readily modifiable to accommodate threats as they develop and technologies as they mature, so, in partnership with the U.S. Navy, we continue to execute our strategy for advanced development,” Bruner said. “That would enable advanced capabilities insertion and mission expansion to keep pace with the threat.

Triton sensors and other mission systems were deployed on a surrogate aircraft—a flying test bed—for targeting missions during Exercise Northern Edge.

“The goal of that was to demonstrate persistent long-range targeting capability,” Bruner said. “That demo was done around the Gulf of Alaska and really did demonstrate that Triton has incredible potential to enhance that Distributed Maritime Operations concept that has been evolving over the last

several years.

“Adding the targeting capability to Triton [is] going to be a priority for our customer,” she said.

The Navy’s program of record currently is 27 MQ-4Cs, including the three development aircraft (including one formerly owned by Northrop Grumman for development), the two initial IFC-3 EOC aircraft, and 22 production versions. Australia, a key partner in the Triton program, is procuring four Tritons for the Royal Australian Air Force.

Bruner said that “we believe that six to seven Tritons would be optimal to help Australia conduct surveillance in its areas of interest.”

The U.S. Navy plans to establish three orbits with its Triton UAV force and establish a second squadron, VUP-11, in fiscal 2026.

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## **Crowley, BWXT Debut Nuclear Power Generation Vessel Concept**



## [Release from Crowley](#)

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(JACKSONVILLE, Fla.; Sept. 20, 2023) – Global shipping and energy supply chain leader Crowley has teamed with nuclear power leader BWX Technologies, Inc. (NYSE: BWXT) through a memorandum of understanding for a ship concept that has the potential to generate alternative, zero-carbon emission energy for defense and disaster needs by including a microreactor on board.

The new memorandum of understanding with BWXT's Advanced Technologies subsidiary will allow both companies to jointly pursue and develop opportunities relative to the design, engineering and development of new shallow-draft hull ships that will supply small-scale nuclear energy to shoreside locations. The new ships would feature the latest technology available for factory fabricated microreactors, readily deployed into a shipyard configuration for ease of installation on the vessel. The onboard power plant would supply energy to shore facilities, such as military bases in remote island locations, backup utility grids after disasters,

and provide power in other scenarios where traditional electricity sources are damaged or not possible.

The new vessel concept envisions a 378-foot ship that pulls from the logistics and marine capabilities of Crowley, a longtime operator with in-house vessel design by its Crowley Engineering Services, and the nuclear capabilities of BWXT, a leading supplier of nuclear components, fuel and services to the U.S. government at the highest levels of safety and security for more than 60 years. Both Crowley and BWXT are based in the United States and have been in business for more than a century.

“Our cooperation with BWXT will move Crowley for the first time into the nuclear energy sector, a key part of our commitment to sustainable, alternative energy sources. This concept supports the U.S. Department of Energy’s goal of maintaining U.S. leadership in nuclear energy technology as well as many the U.S. Department of Defense’s strategic goals for operational energy,” said Shiju Zacharia, senior vice president and general manager, Crowley Government Solutions.

This new vessel concept pairs traditional propulsion while carrying a modular reactor between 5 and 50 megawatts that can be activated upon arrival at the destination and be deactivated and transported after the power supply is discontinued. Buoyed power delivery cables will enable the ships to deploy energy connections to shore. Shallow draft hulls allow the vessels to maneuver to strategically deliver power for military activities or if disasters limit harbor access.

“We are excited to work alongside Crowley to leverage our ongoing reactor development and demonstration programs, advancing nuclear technology into new and novel markets to deliver zero carbon emissions energy generation to strategic locations,” said Joe Miller, president of BWXT Advanced Technologies LLC.

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# General Dynamics Electric Boat awarded \$517 million for Virginia-class submarine parts



Release from General Dynamics Electric Boat

GROTON, Conn. (Sept. 20, 2023) – General Dynamics Electric Boat, a business unit of General Dynamics (NYSE: GD), announced today it was [awarded](#) a \$517.2 million delivery order against a previously issued basic ordering agreement for procurement and delivery of initial Virginia-class attack submarine spare parts to support maintenance availabilities.

Work will be performed in Groton and Pawcatuck, Connecticut.

“The shipbuilders of Electric Boat are proud to continue our role providing lifecycle maintenance support to the U.S. Navy’s operational submarine fleet in keeping with our mission to provide sailors with the advantage that helps protect our nation,” said Kevin Graney, president of General Dynamics Electric Boat.

General Dynamics Electric Boat designs, builds, repairs and modernizes nuclear submarines for the U.S. Navy. Headquartered in Groton, Connecticut, the company employs approximately 21,000 people. More information about General Dynamics Electric Boat is available at [gdeb.com](http://gdeb.com).

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# **Australia Awards L3Harris AUD\$328 Million Maritime Underwater Tracking Range Contract**

Release from L3Harris

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PERTH, Australia, Sept. 20, 2023 – The Australian Department of Defence awarded L3Harris Technologies (NYSE:LHX) a contract, valued at up to AUD\$328 million, to deliver new Maritime Underwater Tracking Ranges (MUTR) for the Royal Australian Navy (RAN).

The SEA1350 Phase 3 MUTR program will provide undersea warfare support including a sub-surface tracking capability to aid

current and future Australian Defence Force assets, warfighting tactics and proficiency. This program also enables sovereign readiness by safeguarding Australia's maritime approaches and sea lines of communication.

"We're committed to growing Australian defence capabilities by leveraging our global technology and experience to develop Australia's sovereign maritime underwater tracking range approach," said Alan Clements, Corporate Vice President and Australia Country Executive, L3Harris. "This is an important competence now and into the future as we continue to modernize and enhance maritime platforms and systems."

Through a series of sensors, the tracking ranges will capture and relay information on the location and movement of assets that are operating within the tracking field. The MUTR will facilitate exercises in deep ocean and littoral waters, involving surface and sub-surface assets simultaneously. The ranges are integral to the Commonwealth being able to swiftly test and evaluate the readiness of platforms and their weapon systems, especially in support of Australia's strategic shipbuilding program.

L3Harris will build the MUTR in Western Australia and will provide the RAN with sub-surface tracking capability and optimized preparedness. The MUTR will support Australia's emphasis on anti-submarine warfare capability and enable littoral test and evaluation enhancements through the next decade.

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## **French - Led      Combined      Task**

# Force 150 seized more illegal narcotics in the Arabian Sea



[Release from U.S. Naval Forces Central Command Public Affairs](#)

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By U.S. Naval Forces Central Command Public Affairs | September 20, 2023

MANAMA, Bahrain – On September 7, UK warship HMS Lancaster (F229), operating in support of the French-led Combined Task Force (CTF) 150 seized more than 450kg of illegal drugs including heroin and hashish in the Arabian Sea.

With a street value of approximately \$9.5 million this is the first narcotics seizure since the French Navy took over command of CTF 150 from the UK in July. The Combined Maritime Forces (CMF) remain committed to disrupting criminal and

terrorist activities by restricting their freedom of maneuver in the maritime environment.

Capt Yannick Bossu, CTF 150 Commanding officer said, “This seizure demonstrates once again the operational effectiveness of CTF 150 and illustrates the UK and France’s commitment to maritime security alongside their regional and international partners.”

Cmdr Chris Sharp, HMS Lancaster Commanding Officer remarked, “This success again demonstrates how international partners can work together in stopping illegal maritime activity which funds terrorist activity. This was a great success shared by all those involved.”

CTF 150 is one of the five operational forces of CMF, a 38-nation maritime partnership headquartered in Bahrain. CMF strengthens the maritime security in this strategic area, by countering activities that finance terrorism and international crime. This is the twelfth time that France commanded CTF 150.

<https://www.cusnc.navy.mil/>

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# **Australia Announces Procurement of Fourth MQ-4C Triton UAV**

By Richard R. Burgess, Senior Editor

ARLINGTON, Va.—The Australian Defence Force (ADF) will procure a fourth MQ-4C Triton high-altitude, long-endurance unmanned

aerial vehicle UAV), the Australian government announced in a Sept. 19 release.

The Triton's builder, Northrop Grumman Corporation, is scheduled to deliver Australia's first Triton and its ground and support systems in 2024. The UAVs will be operated from RAAF Tindal, in the Northern Territories by 9 Squadron, which will be headquartered RAAF Edinburgh, South Australia.

"Defence Industry Minister Patna Conroy said the purchase of the additional Triton will enhance operations from Australia's northern bases, a priority under the Defence Strategic Review," the release said.

Northrop Grumman continues production of the latest configuration of the Triton, the multi-intelligence Integrated Functional Configuration 4 (IFC-4) for the U.S. Navy. Earlier this month, the U.S. Navy declared Initial Operational Capability for the Triton, which has been deployed to Guam to establish its first orbit. The Triton deployed to Guam in 2020 for Early Operational Capability. The Navy's program of record for the Triton calls for 27 aircraft, including the development aircraft.

Australia also plans to upgrade its fleet of 14 P-8A Poseidon maritime patrol aircraft between 2026 and 2030 with "enhancements to anti-submarine warfare, maritime strike and intelligence collection capabilities," the release said.