

USS Bulkeley, Latest FDNF-E ship, Arrives in New Homeport Rota, Spain



The Arleigh Burke-class guided-missile destroyer USS Bulkeley (DDG 84) pulls into port at Naval Station (NAVSTA) Rota, Spain after completing a homeport shift, Aug. 17, 2022. *U.S. NAVY / Mass Communication Specialist 2nd Class Jacob Owen*

NAVAL STATION ROTA, Spain – The Arleigh Burke-class guided-missile destroyer USS Bulkeley (DDG 84) arrived in its new homeport, Naval Station Rota, Spain, as the U.S. Navy's last Forward Deployed Naval Forces–Europe (FDNF-E) destroyer scheduled to shift its homeport to Rota, Spain, Aug. 17, 2022, the ship's public affairs office said in a release.

Prior to arriving in Rota, Bulkeley visited Las Palmas, Spain, for a scheduled port visit. The visit marked Bulkeley's

arrival in the U.S. Naval Forces Europe-Africa (NAVEUR-NAVAF) area of operations and is the first port stop since the ship departed Naval Station Norfolk, Aug. 4, as part of the U.S. Navy's long-range plan to rotate the Rota-based destroyers of the Forward Deployed Naval Forces-Europe (FDNF-E) force.

"I could not be more proud of the crew," said Cmdr. Arturo Trejo, Bulkeley's executive officer. "The massive effort it takes to conduct a homeport shift is a representation of the hard work and brilliance everyday Americans and our allies do on a daily basis."

Arriving in a new homeport also brings unique opportunities to the Bulkeley crew.

"The crew of Bulkeley is happy to arrive in our new home, and we are looking forward to a continued partnership with our host nation, Spain, as well as continuing to foster the strong relationship with our NATO allies," said the ship's Command Master Chief Jeremiah Hoyt. "We'll have a few days to settle in, but we are ready to get back out and operate in the most dynamic environment in the U.S. Navy's surface fleet."

Earlier this year, USS Paul Ignatius (DDG 117), another FDNF-E ship, shifted its homeport to Rota, Spain. With Paul Ignatius and Bulkeley's arrival, fellow destroyers USS Porter (DDG 78) and USS Ross (DDG 71) will conclude their time stationed in Rota, heading back to the continental United States for their own home port shifts later this fall. These shifts mark the final scheduled homeport shifts in the long-planned FDNF-E rotation. These FDNF-E ships have the flexibility to operate throughout the waters of Europe and Africa, from the Cape of Good Hope to the Arctic Circle, demonstrating their mastery of the maritime domain.

"The Wolfpack aboard USS Bulkeley is excited to finally be joining our allies as part of Forward Deployed Naval Forces – Europe," said Capt. Mac Harkin, Bulkeley's commanding officer.

“We are grateful to our Spanish partners for welcoming us to Rota.”

Bulkeley will operate under Commander, Task Force 65 and Destroyer Squadron 60 in support of NATO’s Integrated Air Missile Defense architecture. These FDNF-E ships have the flexibility to operate throughout the waters of Europe and Africa, from the Cape of Good Hope to the Arctic Circle, demonstrating their mastery of the maritime domain.

Commissioned on Dec. 8, 2001, the ship is named in honor of Medal of Honor recipient Rear Adm. John Duncan Bulkeley, whose 55 years of naval service included action in both the Pacific and Atlantic theaters during World War II and the Korean War. Bulkeley was awarded the Medal of Honor for his actions as commander of Motor Torpedo Boat Squadron 3 in Philippine waters from December 7, 1941, to April 10, 1942. He died on April 6, 1996, and is buried at Arlington National Cemetery.

Pilot Safe after Ejection from Navy T-45C Crash near NAS Kingsville, Texas



Lt. Joseph Dejunco, from Atlanta, assigned to the aircraft carrier USS Gerald R. Ford (CVN 78) air department, signals a T-45C Goshawk attached to Training Air Wing (TW) 2 to launch from the flight deck, March 17, 2021. *U.S. NAVY / Mass Communication Specialist 3rd Class Riley McDowell*

CORPUS CHRISTI – On Aug. 16 at approximately 12:00 p.m. CDT, a U.S. Navy T-45C Goshawk jet trainer aircraft assigned to Training Air Wing 2 at Naval Air Station Kingsville, Texas, crashed on approach to NAS Kingsville, the Chief of Naval Air Training Public Affairs Office said in a release.

One instructor pilot was aboard and ejected from the aircraft. The pilot has been transported to Christus Spohn Hospital-Kleberg for further evaluation.

The aircraft impacted an empty field on Navy property just north of the airfield. NAS Kingsville Emergency Services and Kingsville Sheriff's Office responded to the scene. No civilians were harmed in this incident.

The pilot was conducting a routine training flight that originated at NAS Kingsville. The incident is under investigation.

This loss is the first for a T-45 this calendar year. Three were lost in 2021.

Keel Authenticated for Future USS Jeremiah Denton



Ingalls welder Troy Maddox traces the sponsors' initials on a keel plate that will be permanently placed in Jeremiah Denton (DDG 129) on August 16, 2022 at Huntington Ingalls Industries (HII) Ingalls Shipbuilding division, Pascagoula, Mississippi.
Michael Duhe

WASHINGTON – The keel for the future USS Jeremiah Denton (DDG 129), a Flight III Arleigh-Burke class destroyer was ceremonially laid at Huntington Ingalls Industries (HII) Ingalls Shipbuilding division, August 16, Team Ships Public Affairs said in a release.

The ship is named for former Senator Jeremiah Denton, Jr., a Vietnam War veteran who was awarded the Navy Cross for his heroism as a prisoner of war. Following his Navy career, he

was elected to the U.S. Senate representing his home state of Alabama in 1980.

The contemporary keel laying ceremony represents the joining together of a ship's modular components at the land level. The keel is authenticated with the ship sponsors' initials etched into a ceremonial keel plate as part of the ceremony. Co-sponsors of DDG 129 are the daughters of the namesake, Madeline Denton Doak and Mary Denton Lewis.

"We are honored to build a ship named for the late Senator Denton and to have his family present to celebrate this important milestone on the path to delivering another Flight III destroyer to the Fleet," said Capt. Seth Miller, DDG 51 class program manager, Program Executive Office (PEO) Ships. "The USS Jeremiah Denton is the Navy's next great warship, which will provide power projection with the latest advanced combat capability."

The DDG 51 Flight III upgrade is centered on the AN/SPY-6(V)1 Air and Missile Defense Radar and incorporates upgrades to the electrical power and cooling capacity plus additional associated changes to provide greatly enhanced warfighting capability to the fleet. Flight III is the latest Flight upgrade in the more than 30-year history of the class, building on the proud legacy of Flight I, II and IIA ships before it.

HII's Ingalls Shipbuilding is also in production on the future USS Lenah Sutcliffe Higbee (DDG 123), the future USS Jack H. Lucas (DDG 125), the future USS Ted Stevens (DDG 128) and the future USS George M. Neal (DDG 131).

Marine Corps Awards BAE Systems \$88 million Contract for ACV-30 Test Vehicles



An Amphibious Combat Vehicle (ACV) with the 3rd Assault Amphibian Battalion, 1st Marine Division disembarks the well deck of the amphibious transport dock USS Anchorage (LPD 23) during waterborne training. Anchorage is underway conducting routine operations in U.S. 3rd Fleet. *U.S. NAVY / Mass Communication Specialist 2nd Class Hector Carrera*

STAFFORD, Va. – The U.S. Marine Corps has awarded BAE Systems an \$88 million contract to build multiple ACV-30 Production-Representative Test Vehicles (PRTVs), BAE Systems said in an Aug. 15 release. Once delivered, the PRTVs will undergo a period of testing prior to a full-rate production decision.

The ACV-30 mounts a stabilized, medium caliber Remote Turret System manufactured by KONGSBERG. The 30mm RT-20 is a remotely controlled and operated weapons system that enhances crew

protection. The remote turret eliminates the space requirement of legacy lethality systems. It provides more space to transport troops or mission essential equipment, and reduces weight for better mobility.

"We are committed to equipping the Marine Corps with the best technology available to provide them with a decisive edge," said John Swift, vice president of amphibious programs at BAE Systems. "We have carefully chosen proven industry partners who are equally committed to ensuring Marines have the capabilities to dominate on the battlefield."

The ACV represents the optimum balance of sea/land mobility and survivability, with future growth potential. The ACV was born out of a combination of BAE Systems' amphibious vehicles legacy and Iveco Defence Vehicles' long history of producing more than 30,000 multi-purpose armored vehicles.

"The unmanned KONGSBERG RT-20 medium caliber turret is designed to meet the current and future needs of the Marine Corps as they move forward in implementing the future operating vision known as Force Design 2030," said Scott Burk, president of KONGSBERG Protech Systems USA. "The fielding of this vehicle system provides the Marines with a low risk, and operationally proven solution."

The ACV-30 is one of four variants in the ACV Family of Vehicles. BAE Systems is under contract for a personnel variant (ACV-P), a command variant (ACV-C), and a recovery variant (ACV-R).

In addition, BAE Systems has received task instructions from the U.S. Marine Corps to complete a study of incorporating a Command, Control, Communication and Computers/Unmanned Aerial Systems mission payload into an Amphibious Combat Vehicle (ACV) variant.

ACV production and support is taking place at BAE Systems locations in: Stafford, Virginia; San Jose, California;

Sterling Heights, Michigan; Aiken, South Carolina; and York, Pennsylvania.

Marine Corps' G/ATOR Demonstrates Advanced Fire-Control Radar Capability



G/ATOR supporting a series of live-fire tests in White Sands Missile Range, New Mexico. *Northrop Grumman*

BALTIMORE — Northrop Grumman Corporation's AN/TPS-80 [Ground/Air Task Oriented Radar \(G/ATOR\)](#) multifunction sensor successfully detected and tracked multiple cruise missile threats simultaneously during a recent live-fire test at White

Sands Missile Range, New Mexico, the company said in an Aug. 15 release. G/ATOR successfully tracked each target immediately after launch and passed relevant information in real time to intercept numerous cruise missile targets from multiple angles.

The tests were part of the U.S. Marine Corps' mid-tier acquisition rapid prototyping effort, known as the Ground Based Air Defense Medium-Range Intercept Capability (GBAD MRIC), a developmental program established to protect high-value areas and assets from airborne threats such as cruise missiles and aircraft.

"During this test event, the AN/TPS-80 demonstrated a combination of performance capabilities during a realistic representation of an adversary attack," said Michael Hahn, director, advanced land radar solutions, Northrop Grumman. "G/ATOR is an expeditionary radar and is unrivaled in its ability to simultaneously provide weapons quality tracks on numerous, concurrent airborne targets while maintaining 360-degree surveillance coverage. The software-defined nature of the AN/TPS-80 was critical in rapidly developing and demonstrating this advanced capability in support of challenging threat scenarios to support the Marine Corps."

The rapid emplacement and displacement of the AN/TPS-80 means troops can quickly stand up this mission capability in the field, perform the mission, and rapidly move assets to avoid vulnerability of enemy targeting. Unlike traditional sensors, multifunction systems like G/ATOR consolidate multiple capabilities into a single sensor, decreasing the size, weight and power requirements. G/ATOR is one piece of the solution providing the joint forces with an operational picture and deep breadth of data to operate in today's contested environment, in support of the Marine Corps' Force Design 2030 strategy.

The GBAD MRIC program, led by the Marine Corps, integrates

existing systems – specifically, G/ATOR and the Common Aviation Command and Control System (CAC2S) – with components of the Israeli Iron Dome System including the Tamir interceptor to provide integrated surveillance and coverage.

Kaman Fuzing Receives Boeing Order for SLAM-ER Arming Fuzes

MIDDLETOWN, Conn. – Kaman Corp.'s Kaman Precision Products Fuzing division located in Middletown, Connecticut, has received an award from The Boeing Company for the Standoff Land-Attack Missile – Expanded Response (SLAM-ER) program, Kaman said in a release. Kaman is contracted to support engineering for obsolescence redesign and production of 650 safe and arming fuze systems for the SLAM-ER advanced precision-guided, air-launched cruise missile. This award has a total value of approximately \$38 million and secures deliveries in support of the SLAM-ER program through 2028.

Kaman's workforce of highly skilled engineers, technicians, assemblers, and support personnel in Middletown will support this program. "We are excited to support Boeing and NAVAIR on this vital program and are committed to delivering safe and arming devices in support of U.S. allies," stated Darlene Smith, vice president and general manager of the Kaman Precision Products Segment.

Kaman Precision Products Fuzing, a division of Kaman, possesses extensive knowledge of energetics and explosives for complex electro-mechanical devices. The experience and detailed product knowledge have established Kaman as a world

class production and test facility. Kaman designs and manufactures missile and bomb fuzes that are highly reliable and recognized throughout the defense industry.

GE's LM2500 Engines to Power India's 1st Indigenous Aircraft Carrier

EVENDALE, Ohio – The Indian Navy's newest carrier, the Vikrant, was commissioned Aug. 16 with four GE LM2500 engines powering the ship with 88 MW giving it a maximum speed of 28 knots, the company said in a release. The addition of the Vikrant to the Indian Navy's fleet is a significant accomplishment for the Government's "Make In India" initiative, as 76% of the content is indigenous, adding India to an elite group of nations with indigenous aircraft carriers (IAC). With the commissioning of the Vikrant, the Indian Navy has 18 GE Marine engines in service, with additional engines in production to support the ongoing Project 17A ship construction.

The IAC project started in 2007, and when selected, GE Marine announced the LM2500 marine gas turbines would power the ship and be built by Indian partner Hindustan Aeronautics Limited (HAL). The 262-meter-long carrier has 14 decks, can accommodate a crew of 1,700, and is capable of operating 30 aircraft.

The Vikrant underwent four phases of sea trials of major equipment and systems between August 2021 and July 2022. "On this monumental day for the Indian Navy, having commissioned their first indigenous aircraft carrier, GE Marine is proud to

be the power behind its propulsion. We are committed to supporting India's indigenous military programs through our long-standing in-country relationships," said GE's Kris Shepherd, vice president and general manager, GE Marine.

For more than 30 years, GE has worked with HAL, which assembles, inspects, and tests all LM2500 gas turbines built for the Indian Navy. The LM2500 gas turbine kits were manufactured at GE's Evendale, Ohio, facility and assembled and tested by HAL's Industrial & Marine Gas Turbine Division in Bangalore, India. HAL is one of the world's leading aerospace companies involved in the manufacture and maintenance of aircraft, helicopters, avionics and aerospace defense equipment.

Coast Guard to Mark Beginning of Construction of a National Coast Guard Museum



The future home of the National Coast Guard Museum in New London, Connecticut. *U.S. COAST GUARD*

NEW LONDON, Conn. – The Coast Guard will be hosting a formal ceremony to commemorate the construction of a National Coast Guard Museum in New London, Connecticut, Friday, Aug. 19 at 2:00 p.m., on the City Pier in New London, Connecticut, the Coast Guard Academy said in an Aug. 15 release

Rep. Rosa DeLauro, D-Connecticut; Rep. Joe Courtney, D-Connecticut, Adm. Linda Fagan, commandant of the Coast Guard; and local government officials will attend the event.

Principle speakers will give remarks during a formal “keel-laying” ceremony to commemorate the construction of a National Coast Guard Museum that will memorialize over 230 years of service into one central location to honor the legacy and heritage of the world’s greatest Coast Guard. The Coast Guard Band, silent drill team and operational assets will also be part of the event.

A longstanding tradition in the shipbuilding industry, a

“keel-laying” celebrates the laying down of a ship’s keel, marking the start of its construction. Although modern shipbuilding techniques have evolved and the ceremony is now properly called a “keel authentication”, the Coast Guard is drawing from the traditions and nomenclature of old when inaugurating the building of the nation’s first and only National Coast Guard Museum.

Joint Strike Fighter Lot 15 Ceiling Allows 28 F-35s for Navy, Marine Corps



An F-35C Lightning II, assigned to the “Black Knights” of Marine Fighter Attack Squadron (VMFA) 314, prepares to launch from the flight deck of the Nimitz-class aircraft carrier USS

Participating in Operations Island Chief, Blue Pacific 2022



The USCGC Oliver Henry (WPC 1140) crew arrives in Manus, Papua New Guinea, on Aug. 14, 2022, from Guam as part of a patrol headed south to assist partner nations in upholding and asserting their sovereignty while protecting U.S. national interests. *U.S. Coast Guard / SW3 Victor Villanueva, NMCB-FOUR MANUS, Papua New Guinea* – The U.S. Coast Guard is participating with partners to support the Pacific Islands Forum Fisheries Agency-led Operation Island Chief and the larger Operation Blue Pacific through patrols in the Western Pacific in August and September 2022, the Coast Guard’s Micronesia Sector said in an Aug. 14 release.

“Employing our unique authorities, capabilities, and access within Oceania is a privilege. We are eager to further integrate with our Allies and regional partners to protect national interests and combat illicit maritime activity such as illegal, unreported, and unregulated fishing,” said Capt.

Nick Simmons, U.S. Coast Guard Forces Micronesia/Sector Guam commander. "Strengthening governance and modeling professional maritime behavior on the high seas and the surrounding waters is one way to counter predatory activity and reinforce the Pacific as a positive center of gravity and sustainable economy."

The operation covers a substantial area of the Pacific on the high seas and the exclusive economic zones of the Federated States of Micronesia, Papua New Guinea, Australia, and the Solomon Islands, while renewing relationships bolstered by local knowledge and expertise.

The USCGC Oliver Henry (WPC 1140), a 154-foot Sentinel-class fast response cutter, and crew deployed from Guam are making their first port call of the patrol in Manus, Papua New Guinea. During the patrol, the cutter will also have aerial support from a forward deployed HC-130 Hercules airplane crew from U.S. Coast Guard Air Station Barbers Point and New Zealand Defence Force P-3 Orion airplane crew. Where possible, the crew will also conduct subject matter expert exchanges and engagements.

Operation Island Chief is one of four operations conducted annually under FFA. It includes the Pacific waters of 11 participating FFA member nations – Fiji, Federated States of Micronesia, Kiribati, Palau, Papua New Guinea, Nauru, the Marshall Islands, Samoa, the Solomon Islands, Tuvalu, and Vanuatu.

"The Oliver Henry crew are committed to regional collaboration and sharing best practices to strengthen our relationships and information sharing," said Lt. Freddy Hofschneider, commanding officer of Oliver Henry. "The U.S. Coast Guard has been a dedicated partner in the region for decades. We appreciate the support of our colleagues as we take this ship across vast distances in this region, making some transits and port calls for the first time."

A significant emphasis of the operation for the U.S. Coast Guard is the ongoing emphasis on fisheries and resource protection.

“The Pacific Ocean is home to some of the world’s most abundant fisheries,” said Simmons. “These fisheries are living marine resources, part of the global food chain, representing food security and an economic engine for many of the Pacific Island Nations. By leveraging our cutters, aircraft, and intelligence professionals, the U.S. Coast Guard continues our strong partnership with the Pacific Islands Forum Fisheries Agency and its members to protect this vital marine ecosystem and ensure continued economic prosperity and a thriving ocean for future generations.”

According to FFA, partners are seeing increasing success through multilateral operations in the Pacific to tackle IUUF. These operations evolved from a focus on protecting against illegal boats entering the fisheries to policing the operations of licensed vessels that haven’t followed the rules and regulations governing their activities. The Pacific region is a vast expanse, and collaboration across the many partners, providing personnel and assets, is crucial to ongoing success.

The Oliver Henry is the 40th Sentinel-class fast response cutter. The ship arrived in Guam and was commissioned along with its sister ships, Myrtle Hazard and Frederick Hatch, in July 2021. In the time since, the crew has participated in several search and rescues cases, completed a counternarcotics patrol off Guam with the Japan Coast Guard patrol vessel Mizuho, and conducted sovereignty and fisheries patrols in the Forces Micronesia/Sector Guam area of responsibility.