

U.S. Affirms Support for Philippines Over Disputed Islands



Philippine Navy frigate BRP Antonio Luna (FF 151) arrives at Joint Base Pearl Harbor-Hickam to participate in the Rim of the Pacific 2022. *U.S. NAVY / Mass Communication Specialist 3rd Class Demitrius J. Williams*

MANILA, Philippines – Demonstrators gathered outside the Chinese embassy in Manila on July 12 to mark the sixth anniversary of 2016 international court arbitration ruling that invalidated Beijing's vast territorial claims in the South China Sea. The Philippines say China continues to harass its vessels and personnel near the disputed islands and in the country's exclusive economic zone.

In a statement issued by the U.S. Embassy in Manila on July 12, U.S. Secretary of State Antony Blinken called on the

Peoples Republic of China to comply with the decision by an arbitration tribunal after the Philippine government complained in 2013 about China's increasingly assertive claims and aggressive actions around its islands in the South China Sea.

China has unilaterally claimed that virtually all islands in the South China Sea belongs to it.

Blinken said the Arbitral Tribunal, which was constituted at The Hague under the 1982 Law of the Sea Convention, delivered a unanimous decision, which is final and binding on the Philippines and the PRC. "In its ruling, the Tribunal firmly rejected the PRC's expansive South China Sea maritime claims as having no basis in international law. The Tribunal also stated that the PRC has no lawful claim to the areas determined by the Arbitral Tribunal to be part of the Philippines' exclusive economic zone and continental shelf. We also reaffirm that an armed attack on Philippine armed forces, public vessels, or aircraft in the South China Sea would invoke U.S. mutual defense commitments under Article IV of the 1951 U.S.-Philippines Mutual Defense Treaty."

In a May address at George Washington University, Blinken said China is advancing unlawful maritime claims in the South China Sea and undermining peace and security, freedom of navigation, and commerce.

Philippine Foreign Secretary Enrique Manalo said Tuesday called the 2016 arbitration ruling an "indisputable" decision.

"These findings are no longer within the reach of denial and rebuttal and are conclusive as they are indisputable," said Manalo. "The award is final."

Despite rhetoric by the previous president of the Philippines, Rodrigo Duterte, where he said the Philippines would move away from U.S. influence and establish closer ties with China, he later had a change of heart when his

overtures failed to deliver results.

The new Philippine President Ferdinand Marcos Jr., who assumed office on June 30, and his government are expected to seek closer ties with the U.S. And today, the U.S.-Philippines partnership remains strong.

In August of last year, Adm. John C. Aquilino, commander of U.S. Indo-Pacific Command, traveled to the Philippines to mark the 70th anniversary of the U.S.-Philippine Mutual Defense Treaty and reaffirm the U.S. commitment to the alliance with the Philippines.

“Both of our nations have made it clear that we are committed to the alliance, and that we remain prepared to fight alongside and defend each other using all of our capabilities to preserve peace and stability in the region – just as we have before,” Aquilino said.

On May 23 of this year, Aquilino and the chief of staff of the armed forces of the Philippines, Gen. Andres Centino, signed the Maritime Security (Bantay Dagat) Framework at USINDOPACOM headquarters on Camp Smith, Hawaii. According to a statement from INDOPACOM, “Bantay Dagat” is a Tagalog term that means “Guardian of the Sea,” illustrating U.S. and Philippine resolve to improve regional maritime domain awareness and confront maritime challenges together. The framework is designed to enable a holistic, intergovernmental approach to maritime security through the interoperability of U.S. and Philippine maritime forces and option to include interagency organizations, and is a testament to the strength of the U.S.-Philippines alliance.”

The Philippine navy’s 2,600-ton, 351-foot guided-missile frigate BRP Antonio Luna (FF-151) is currently participating in the 2022 Rim of the Pacific exercises off Hawaii.

General Atomics EMALS, AAG Systems on CVN 78 Reach 10,000 'Cats and Traps' Milestone



Sailors and their families and friends observe the USS Gerald R. Ford's (CVN 78) 10,000th recovery from the flight deck, June 25. Friends and family members were invited aboard Ford to experience a day in the life of a Sailor at sea first-hand. *U.S. NAVY / Mass Communications Specialist 2nd Class Jackson Adkins*

SAN DIEGO – General Atomics Electromagnetic Systems announced July 12 that 10,000 catapult launches and arrested landings using the Electromagnetic Aircraft Launch System and Advanced Arresting Gear have been successfully and safely completed

aboard USS Gerald R. Ford (CVN 78).

The first-in-class aircraft carrier completed planned incremental availability in March 2022 and is now preparing for its upcoming deployment.

“Over the past two years, EMALS and AAG have been rigorously exercised utilizing aircraft in the current air wing. The systems continue to perform successfully in operational, carrier qualification, and training environments and under all weather conditions,” said Scott Forney, president of GA-EMS. “EMALS and AAG offer robust capabilities that are proving transformative, providing greater availability, efficiency and flexibility to safely launch the air wing of today while standing ready to support new aircraft as they join the air wing of the future. We are extremely proud of our team and the ship’s crew as they continue to meet each new milestone and steadily work toward bringing ‘Warship 78’ to the fleet.”

Under multiple contracts with the Navy, General Atomics Electromagnetic Systems is now supporting CVN 78 sustainment requirements and delivering EMALS and AAG for the next two Ford-class carriers currently under construction, John F. Kennedy (CVN 79) and Enterprise (CVN 80). GA-EMS is also working with the Navy to determine EMALS and AAG contract and schedule requirements for the fourth Ford-class aircraft carrier, Doris Miller (CVN 81).

Fairbanks Morse Defense Launches Training and Service

Center Campus



Fairbanks Morse Defense has invested \$13 million to create a campus that expands service and hands-on training opportunities for technicians and customers. *FAIRBANKS MORSE DEFENSE*

BELOIT, Wis. – Fairbanks Morse Defense is launching a 45,000-square-foot training and service center campus in Chesapeake, Virginia.

The defense contractor will move its existing service center from Norfolk, Virginia, to the Chesapeake campus to add a state-of-the-art training facility and further expand advanced service support for its customers. The move represents a \$13 million investment in the community.

“We are excited to have Fairbanks Morse Defense as the newest member of our business community,” said Rick West, mayor of Chesapeake. “The Hampton Roads region has a long and storied history in the defense industry and having Fairbanks Morse Defense locate its new state-of-the-art facility in the city of Chesapeake underscores the city’s commitment to our military and its partners. We look forward to working with Fairbanks Morse Defense as it continues to grow in

Chesapeake.”

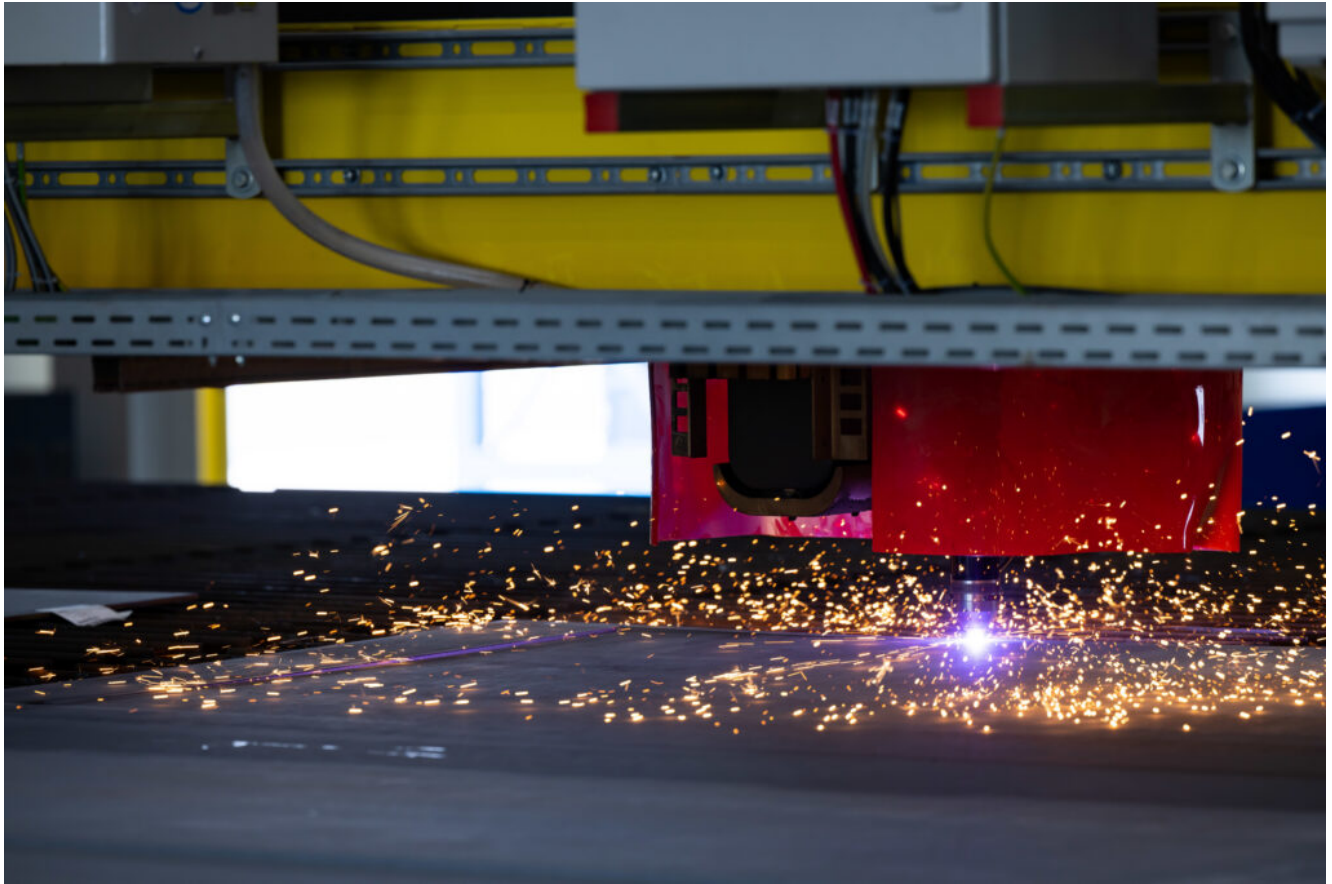
The company’s new training and service center campus, located at 733 Curtis Saunders Court, is near Norfolk, Virginia, the largest U.S. Navy and Military Sealift Command fleet concentration in the United States. The U.S. Coast Guard also has a strong presence in the area.

“Training is the forefront of good maintenance practices, and Fairbanks Morse Defense’s training center is incorporating our cutting-edge mixed reality training technology to provide the most comprehensive, interactive marine equipment training solution available,” said FMD President of Services Jamie McMullin. “This location will strengthen FMD’s position as the preferred service solutions and training provider for our core customers while enhancing our rigorous factory-certified training programs for our large network of field service technicians.”

The site also provides room for growth, allowing FMD and its expanded family of brands to use additional space as the company integrates new turnkey products, service solutions, and training programs into the training and service center offerings.

Upon completion in 2023, the site will create approximately 50 new jobs.

Start of Construction Marked for T-ATS 11



The start of construction of the T-ATS 11 on the new steel line at Austal USA in Mobile, Alabama. *AUSTAL USA*

WASHINGTON – Construction began on the Navy’s newest towing, salvage and rescue ship, T-ATS 11, at Austal USA’s Mobile, Alabama shipyard on July 11, Team Ships Public Affairs said July 12.

The Navajo-class (T-ATS) provides ocean-going tug, salvage, and rescue capabilities to support fleet operations. T-ATS replaces and fulfills the capabilities that were previously provided by the Fleet Ocean Tug (T-ATF 166) and Rescue and Salvage Ships (T-ARS 50) class ships.

“It’s always a great Navy day when we start construction of a new ship to be used to do the nation’s bidding,” said Rear Adm. Tom Anderson, program executive officer, Ships. “It’s an exceptional Navy day when the start of construction also marks the expansion of the shipbuilding industrial base, as it does today, as Austal puts its new facility to work building its very first steel ship, a Navajo-class Towing, Salvage and Rescue Ship, T-ATS 11.”

Navajo-class ships will be Multi-Mission Common Hull Platforms based on commercial offshore Anchor Handling Tug Supply (AHTS) vessels. T-ATS supports current missions including towing, salvage, rescue, oil spill response, humanitarian assistance and wide area search and surveillance. They also enable future rapid capability initiatives, supporting modular payloads with hotel services and appropriate interfaces.

T-ATS 11 marks the first steel ship in Austal's ship construction program. Austal is also contracted to build T-ATS 12, with options for additional ships.

HII Hits Milestone on Aircraft Carrier John F. Kennedy



Machinist Mate Second Class Allington Scotland, left, and New Shipbuilding Construction Supervisor Keith Wright inspect the 1,000th compartment space turned over to the crew of John F. Kennedy (CVN 79). *HII*

NEWPORT NEWS, Va. – HII, America's only builder of nuclear-powered aircraft carriers, announced July 11 that its Newport News Shipbuilding division reached a significant milestone in the compartment and systems construction of aircraft carrier John F. Kennedy (CVN 79).

Newport News recently turned over to the ship's crew the 1,000th compartment of the 2,615 total spaces. The milestone reflects the shipyard's steady progress toward delivery of the ship to the Navy. Newport News has also installed more than 9.8 million feet of cable, or more than 1,800 miles, of the approximately 10.5 million feet of cable on John F. Kennedy.

The most recently completed spaces include electrical and engineering. This allows sailors assigned to the pre-commissioning unit to increase training on the ship while final outfitting and testing progresses.

“Our shipbuilders are highly skilled, determined and working incredibly hard to bring Kennedy to life,” said Lucas Hicks, vice president, New Construction Aircraft Carrier Programs CVN 78 and CVN 79. “This is about equipping our Sailors with the most advanced aircraft carrier ever built for the U.S. Navy. We are proud to execute for the customer, and finalize the remaining equipment, systems and compartments that will bring us closer to delivering the ship to the Navy.”

John F. Kennedy, the second ship in the Ford class, is scheduled to be delivered to the Navy in 2024. Two other Ford-class aircraft carriers are currently under construction at Newport News, Enterprise (CVN 80) and Doris Miller (CVN 81).

The Ford-class aircraft carriers are the first to be designed 100% digitally. Although the ships were designed in a digital environment, paper drawings are still used during the construction process. John F. Kennedy represents a transition to a new digital construction process, with shipbuilders beginning to use visual work instructions on laptops and tablets rather than paper drawings. Enterprise will be the first carrier totally built using the digital tools.

Ford-class enhancements incorporated into the design include flight deck changes, improved weapons handling systems and a redesigned island, all resulting in increased aircraft sortie generation rates. The Ford class also features new nuclear power plants, increased electrical power-generation capacity, allowance for future technologies, and reduced workload for Sailors, translating to a smaller crew size and reduced operating costs for the Navy. Construction processes on Ford-class carriers are enabled by workforce learning that took place on USS Gerald R. Ford (CVN 78) and those lessons are being applied throughout the Ford class, HII said.

Royal Navy, Assisted by US Navy's 5th Fleet, Seizes Smuggled Iranian Missiles



HMS Montrose seized Iranian weapons from speedboats earlier this year, including surface-to-air missiles and engines for land-attack cruise missiles. *ROYAL NAVY*

LONDON – In early 2022, while on routine maritime security operations, Royal Navy ship HMS Montrose seized Iranian weapons from speedboats being operated by smugglers in international waters south of Iran, the U.K Ministry of Defence said July 7. The weapons seized included surface-to-air-missiles and engines for land attack cruise missiles, in contravention of UN Security Council resolution 2216

(2015).

This is the first time a British naval warship has interdicted a vessel carrying such sophisticated weapons from Iran.

The seizures, which occurred on Jan. 28 and Feb. 25, took place in the early hours of the morning. HMS Montrose's Wildcat helicopter was scanning for vessels smuggling illicit goods. The helicopter crew spotted small vessels moving at speed away from the Iranian coast.

During the February interdiction, U.S. Navy Arleigh Burke-class guided-missile destroyer USS Gridley supported efforts by deploying a Seahawk helicopter to provide critical overwatch during the operation. On both occasions, the Wildcat helicopter pursued the vessels and reported back to HMS Montrose that they could see suspicious cargo on deck.

A team of Royal Marines approached the vessels on two rigid-hulled inflatable boats before securing and searching the vessel. Dozens of packages containing advanced weaponry were discovered, confiscated and brought back to HMS Montrose.

"The U.K. is committed to upholding international law, from standing up to aggression in Europe to interdicting illegal shipments of weaponry that perpetuates instability in the Middle East," said Minister for the Armed Forces James Heappey. "The U.K. will continue to work in support of an enduring peace in Yemen and is committed to international maritime security so that commercial shipping can transit safely without threat of disruption."

The seized packages were returned to the U.K. for technical analysis, which revealed the shipment contained multiple rocket engines for the Iranian-produced 351 land-attack cruise missile and a batch of 358 surface-to-air missiles.

The 351 is a cruise missile with a range of 1,000 kilometers, regularly used by the Houthis to strike targets in the Kingdom

of Saudi Arabia and was also the type of weapon used to attack Abu Dhabi on Jan. 17, which killed three civilians.

On June 24, the Ministry of Defence hosted a panel of experts established pursuant to Security Council resolution 2140 (2014), which concerns the conflict in Yemen. The panel inspected the seized weapons and received a technical brief by the U.K.'s defense intelligence analysts.

“These interdictions demonstrate the professionalism and commitment of the Royal Navy to promoting stability in this region,” said Cmdr. Claire Thompson, commanding Officer of HMS Montrose. “I am extremely proud of my crew – the Royal Navy Sailors, aircrew and Royal Marines involved in these endeavors and the significant positive impact they are having in maintaining the international rules-based order at sea.”

The U.K. retains a permanent presence in the Middle East, with HMS Montrose having been deployed to the region since early 2019, actively supporting multinational maritime security operations and protecting the interests of the United Kingdom and its allies. The ship operates under the control and direction of the UK Maritime Component Command, based in Bahrain.

Boeing Delivers 150th P-8 Maritime Patrol Aircraft



The newest Boeing P-8 maritime patrol and reconnaissance aircraft takes to the skies over Puget Sound, Washington. *BOEING*

SEATTLE – The newest Boeing P-8 maritime patrol, reconnaissance aircraft took to the skies over Puget Sound bringing the total number of P-8s delivered to 150, the company said July 7. The 150th multi-mission P-8 will be operated by Air Test and Evaluation Squadron One (VX-1) based at Naval Air Station Patuxent River, Maryland.

“There are now 150 P-8s around the world delivering confidence and an unmatched capability to our global customers,” said Stu Voboril, vice president and program manager of P-8 Programs. “Our focus has been, and will be, on delivering the world’s best maritime patrol aircraft.”

Amassing more than 450,000 mishap-free flight hours, the global P-8 fleet includes 112 aircraft delivered to the U.S. Navy, 12 to Australia, 12 to India, nine to the United Kingdom and five to Norway. First deliveries to New Zealand, Korea and Germany are scheduled for 2022, 2023 and 2024 respectively.

The aircraft are designed for antisubmarine warfare, anti-surface warfare, intelligence, surveillance and reconnaissance and search and rescue.

The 150 P-8s in service do not include six test aircraft provided to the U.S. Navy during the initial stages of the program. Boeing tested those aircraft during development to assess capabilities and performance. As development of system enhancements and new technology continues, the test aircraft perform a critical role in ensuring Boeing provides state-of-the-art capabilities to global P-8 customers.

Coyote Aerial Target has 100th Launch



Northrop Grumman's GQM 163-A Coyote, a target vehicle used to simulate advanced anti-ship cruise missile threats. *NORTHROP GRUMMAN*

CHANDLER, Ariz. – Northrop Grumman Corp. is celebrating the

100th launch of its GQM-163A Coyote target vehicle, which continues to support testing ship anti-cruise missile defenses for U.S. and allied navies, the company said July 7.

The Coyote is a threat-representative target the U.S. Navy uses to prepare, train and qualify systems and crews aboard naval vessels. Northrop Grumman originally designed the target as a Mach 2.5+ sea-skimming target and later added the capability to attain Mach 3.5+ as a diving target from an altitude of over 50,000 feet.

“The unique speed, performance and versatility of this target has enabled us to meet multiple mission scenarios for our customer for over two decades,” said Rich Straka, vice president of launch vehicles at Northrop Grumman. “As the only supersonic sea-skimming target produced in the United States, the Coyote is part of a family of tactical targets that ensures U.S. Navy systems are ready and capable to defend against threats.”

Naval Air Systems Command awarded Northrop Grumman this program in 2000 with its initial launch in 2003. The total contract value is over \$329 million. Along with this successful launch, the team has delivered more than 145 targets to the U.S. Navy. The U.S. Navy has ordered 218 targets to date with more options in the years ahead.

Northrop	Grumman	Begins
Building	New	Missile

Integration Facility



The Navy's Advanced Anti-Radiation Guided Missile-Extended Range (AARGM-ER) completes its first live fire event July 19 off the coast of Point Mugu Sea Test Range in California. *U.S. NAVY*

ROCKET CITY, W.Va. – Northrop Grumman Corporation announced July 6 the construction of a new 113,000 square foot facility in West Virginia that will increase the company's capacity within the defense industrial base to ensure delivery of current and future weapons to meet warfighter needs.

"Our new missile integration facility is a factory of the future, designed to affordably produce high quantities of missiles to meet increasing customer demand," said Mary Petryszyn, corporate vice president and president of Northrop Grumman Defense Systems. "Northrop Grumman's investments in manufacturing capacity, digital processes and emerging technologies translates into the rapid deployment of capability into the field."

Once completed in 2024, the missile integration facility will have the capacity to support production of up to 600 strike missiles per year. The facility's production operations will commence with the second lot of the Advanced Anti-Radiation Guided Missile – Extended Range low-rate initial production. Unlike traditional missile integration facilities, Northrop Grumman's facility is not limited to producing one type of missile but is easily modified to manage the integration of current and new missile programs.

Northrop Grumman will incorporate the latest in digital manufacturing including automation and the use of smart manufacturing equipment and modular work cells. These manufacturing approaches will allow the company to optimize quality, reduce costs, and maximize production capacity and production times to deliver missiles to the warfighter quickly.

The facility is expected to include expanded manufacturing workforce skillsets, adding engineering and manufacturing jobs to the area, reinforcing Northrop Grumman's leadership as one of West Virginia's largest manufacturing employers.

HII's Ingalls Shipbuilding to Hire 2,000-Plus Full-Time Shipbuilders



An employee from HII's Ingalls Shipbuilding division grinds metal during construction of a ship. *HII* PASCAGOULA, Miss. – HII's Ingalls Shipbuilding division plans to hire more than 2,000 full-time shipbuilders as part of its future workforce plans, the company said July 6.

The new shipbuilders will join a skilled workforce that delivers critical capabilities to HII's national security customers, including amphibious warships, destroyers and national security cutters. Ingalls Shipbuilding is located on an 800-acre facility, having recently completed a state-of-the-art upgrade that includes covered workspaces to keep shipbuilders dry and cool.

"With a shipbuilding legacy of nearly 84 years, Ingalls offers careers dedicated to a service mission – building ships that protect and defend our freedoms," said Ingalls Shipbuilding President Kari Wilkinson. "We are excited to be adding new members to our team and to be providing a variety of stable career opportunities to our community."

Ingalls Shipbuilding's talent acquisition team will be hosting a hiring event from 9 a.m. to 12 p.m. on Saturday, July 9, at the Ingalls Maritime Training Academy located on Jerry St. Pé

Highway. Ingalls will be hiring pipe fitters, pipe welders, structural welders, ship fitters and seeking applicants for entry-level opportunities.

Competitive starting wages, day-one benefits, 12 paid holidays annually and opportunities for advancement make Ingalls a great place to work, the company said.

“With over 500 different jobs, there is no limit to what you can do at Ingalls,” said Susan Jacobs, vice president of human resources and administration. “Shipbuilding is hard work, but we strive to make sure our shipbuilders have the tools and conveniences they need to do the hard work well.”

In recent years, Ingalls Shipbuilding facility upgrades have also included additional hydration stations, improved access to work sites and tool rooms, and expanded meal choices in the shipyard, including a Chick-fil-A.