

# Saildrone USVs Set for 7th Arctic Mission



A Saildrone Explorer at work. *SAILDRONE*

ARLINGTON, Va. – Saildrone is set to conduct an Arctic research mission for the seventh consecutive year with its autonomous unmanned surface vessels (USVs) powered by wind and sun. The company is conducting the missions with six of its smallest USV, the 23-foot-long Explorer.

The six USVs are being launched from Dutch Harbor, a port in the Aleutian Islands. Four will collect data in the Bering Sea and two will collect data in the Chukchi and Beaufort Seas in the Arctic Ocean.

The voyages are being conducted to collect atmospheric, oceanographic and bathymetric data for the National Oceanic and Atmospheric Administration (NOAA) and NASA. The sensors on

board the Saildrones will be collecting data on carbon dioxide dissolved in the water; bathymetry; climate and weather – including heat, radiation, carbon and atmospheric variables; wind speed and direction; and radiation and temperatures.

“Every year we have increased our capabilities,” said Rich Jenkins, Saildrone’s CEO, who noted that the Explorer USVs have “incredible reliability.”

For maritime domain awareness, the Explorers also are fitted with 360-degree cameras that record visual information 24/7 using machine learning algorithms to spot anomalies, such as a passing vessel, imaging every five seconds.

“We’ve amassed hundreds of millions of images of the open ocean from the Arctic down to the Southern Ocean,” Jenkins said. “We train the machine-learning model to recognize things visually” such as vessels, icebergs, birds, whales, dolphins, etc.

Data on vessels can be fused with data from the Automatic Information System for increased maritime domain awareness. Saildrone leases the services of Iridium commercial satellites for transmitting data between a USV and a ground station.

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## **Oshkosh Defense Receives \$152M Order for JLTVs to U.S. Military and NATO Allies**



U.S. Marines with Battalion Landing Team 3/5, 31st Marine Expeditionary Unit (MEU), land on the beach in a joint light tactical vehicle (JLTV) to begin a light armored reconnaissance raid rehearsal at Camp Schwab, Okinawa, Japan, June 19, 2021. *U.S. MARINE CORPS / Sgt. Daisha R. Ramirez*  
OSHKOSH, Wis. – The U.S. Army Contracting Command – Detroit Arsenal has awarded Oshkosh Defense, a wholly owned subsidiary of Oshkosh Corp., a \$152 million order for Joint Light Tactical Wheeled Vehicles (JLTV), companion trailers, and associated kits, the company said in a July 1 release.

The order includes Oshkosh JLTVs, trailers and kits for the U.S. Army, U.S. Marine Corps, U.S. Air Force, and U.S. Navy, as well as NATO allies Lithuania, North Macedonia, Slovenia, and Romania.

Since winning the competitive JLTV contract in 2015, Oshkosh has built over 12,500 JLTVs, fielded vehicles to over 40 U.S. and international military installations, and received commitments from eight NATO, Allied, and Coalition partners.

“We’ve spent over 10 years developing our vehicle, followed by nearly six years of manufacturing the vehicle in both low rate

and full rate production,” said George Mansfield, vice president and general manager of Joint Programs, Oshkosh Defense. “We’ve refined the manufacturing process, matured our robust supply chain, and fulfilled the light tactical vehicle capability gap in eight additional countries with our proven platform. No one else can say that. And we have no plans to stop building the Oshkosh JLTV anytime soon.”

The U.S. Army recently increased Oshkosh’s option ceiling under the current contract from 18,170 to 23,163 vehicles to support critical missions worldwide.

“Oshkosh Defense is incredibly pleased with the reception the JLTV continues to receive around the world,” said John Lazar, vice president and general manager of International Programs, Oshkosh Defense. “The JLTV provides unprecedented levels of off-road mobility, survivability, and hosted firepower on a light tactical vehicle platform. We had a busy Spring and the momentum surrounding the platform continues to grow.”

In May, the North Macedonia minister of defense, Radmila Sekerinska, was able to ride in the JLTV for the first time. Sekerinska later tweeted, “These new American-made light armored vehicles will become part of the Army facilities. Today at Krivolak, we were convinced of their exceptional performance. This is what our Army looks like in #NATO.”

Later in June, the Slovenian deputy prime minister and minister of defense Matej Tonin, remarked at a JLTV acceptance ceremony, “Modernization of the Slovenian Army has finally begun. With the new light armored vehicles Oshkosh 4x4, our Soldiers will be more successful and safer in tasks at home and abroad.”

To date, Oshkosh has received orders or commitments from the following NATO, Allied, and Coalition partners including the United Kingdom, Belgium, Montenegro, Slovenia, Lithuania, Brazil, Romania, and North Macedonia.

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# First USMC F-35C squadron Declares Full Operational Capability



U.S. Marines with Marine Fighter Attack Squadron 314 and Marine Aerial Refueler Transport Squadron 352, Marine Aircraft Group 11, 3rd Marine Aircraft Wing, conduct a new expeditionary landing demonstration with M-31 arresting gear Interim Flight Clearance (IFC), on Marine Corps Air Ground Combat Center Twentynine Palms, Calif., Dec. 3rd, 2020. *U.S. MARINE CORPS / Cpl. Leilani Cervantes*

MARINE CORPS AIR STATION MIRAMAR, Calif. – As the Marine Corps continues to make changes to meet the demands of the rapidly evolving future operating environment, Marine Fighter Attack Squadron (VMFA) 314 has reached a new milestone in Marine Corps history as they declare their full operational

capability (FOC) for the F-35C Lightning II, according to 3rd Marine Aircraft Wing (MAW) spokesman 1st Lt. Charles Allen in a July 1 release.

“VMFA-314 is the first F-35C squadron in the Marine Corps to declare FOC. They are now full up round and bring the incredible 5th generation capability to 3rd MAW. They will deploy as part of a Carrier Strike Group next year.” said Maj. Gen. Christopher Mahoney, 3rd MAW commanding general. “FOC for the Black Knights is yet another step forward in achieving Force Design objectives. The Black Knights are ready- 3rd MAW is ready.”

FOC is significant in its confirmation that VMFA-314 is fully prepared and equipped successfully deploy aboard U.S. Navy aircraft carriers, marking the first FOC declaration for Marine Corps. This inaugural event is met after VMFA-314 received their first F-35C on January 21, 2020, when their first jet arrived at Marine Corps Air Station (MCAS) Miramar from Naval Air Station Lemoore.

“Many hours were spent maintaining aircraft, launching and recovering aircraft in Miramar, at other military facilities, and aboard the ship to conduct the training required to meet these goals,” said Major Derek Heinz, VMFA-314 operations officer. “The Marines of VMFA-314 have gained confidence in fighting this aircraft and feel confident we can do so in combat if called upon.”

VMFA-314 is currently continuing its preparations toward future deployments by conducting tailored ship's training availability (TSTA), marking the first F-35C squadron to conduct TSTA in the Marine Corps. This training will consist of communication rehearsals, medical drills, flight operations, and shipboard drills conducted while underway, ensuring the squadron is prepared to deploy in support of maritime campaigns.

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# Exercise Sea Breeze Underway in the Black Sea



Special forces from several countries participated in Exercise Sea Breeze 2021 in Ukraine, June 30, 2021. Exercise Sea Breeze is a multinational maritime exercise cohosted by the U.S. 6th Fleet and the Ukrainian Navy since 1997. Sea Breeze 2021 is designed to enhance interoperability of participating nations and strengthens maritime security and peace in the region.  
*U.S. NAVY / UKR SOF*

U.S. 6th Fleet and the Ukrainian Navy are cohosting the annual naval Exercise Sea Breeze 2021 (SB21) in the Black Sea region. SB21 kicked off on June 28 and runs through July 10.

According to a statement from the U.S. 6th Fleet, SB21 will “focus on multiple warfare areas including amphibious warfare, land maneuver warfare, diving operations, maritime

interdiction operations, air defense, special operations integration, anti-submarine warfare, and search and rescue operations.”

The first Sea Breeze exercise took place in 1997, and it has grown steadily to involve more nations and participants. “This year’s iteration has the largest number of participating nations in the exercise’s history with 32 countries from six continents providing 5,000 troops, 32 ships, 40 aircraft, and 18 special operations and dive teams scheduled to participate,” said Lt. Bobby Dixon, a spokesman for the 6th Fleet.

Nations participating in SB21 include Albania, Australia, Brazil, Bulgaria, Canada, Denmark, Egypt, Estonia, France, Georgia, Greece, Israel, Italy, Japan, Latvia, Lithuania, Moldova, Morocco, Norway, Pakistan, Poland, Romania, Senegal, Spain, South Korea, Sweden, Tunisia, Turkey, Ukraine, United Arab Emirates, United Kingdom, and the United States. Participants will engage in realistic maritime training to build experience and teamwork and strengthen interoperability.

NATO has participated in Sea Breeze since the beginning, and the annual exercise’s popularity has continued to grow in popularity over the years.

The ships and embarked aircraft of Standing NATO Maritime Group 2 will take part in the exercise. The exercise will focus on multiple warfare areas including amphibious warfare, land maneuver warfare, diving operations, maritime interdiction operations, air defense, special operations integration, anti-submarine warfare, and search and rescue operations in the Black Sea region.

According to a NATO press release, “This is good example to how allies and partners provide unique training opportunities, designed to enhance readiness, improve collaboration, and interoperability in the Black Sea region.”

“Sea Breeze allows allies and partners to come together and operate in the Black Sea and build capabilities and to conduct coordinated operations in international waters,” said Capt. Kyle Gantt, the deputy commodore and the deputy commander of Task Force 65.

Task Force 65, based at Rota, Spain, is the U.S. Navy’s forward-deployed destroyer squadron in Europe, and represents the United States annually as the lead task force executing exercise Sea Breeze.

Gantt said Sea Breeze improves partner capabilities and interoperability. “I’ve been very impressed with the capability of the Ukrainian navy,” said Gantt. “All of the exercises are conducted using standard procedures, which are common among our allies and we use when operating with our partners.”

The exercise is following appropriate COVID 19 protocols. “Last year, significant limitation was imposed due to COVID-19 pandemic and there were no ships were able to visit Ukrainian ports. This year training will be conducted to the fullest extent,” said Rear Adm. Oleksiy Neyezhpapa, commander of the Ukrainian navy. “More foreign equipment will be deployed than in the Sea Breeze of the past year.”

Capt. Cameron Chen, commander of Task Force 68, said the training and coordination with the Sea Breeze partners will help build and increase the capabilities of the Ukrainian military. “We are the Naval Expeditionary Force component for Sixth Fleet. We provide EOD [explosive ordnance disposal], divers, MCM [mine countermeasure] capability, and naval construction force and maritime expeditionary security to Europe and Africa. More Iterations like this, more exercises and continued partnerships, I think, is the key to strengthening ties and improving capabilities in the region.”

Since Russia’s illegal annexation of Crimea in 2014, NATO has

increased its presence in the Black Sea. According to a statement from Supreme Headquarters Allied Powers Europe, NATO supports Ukraine's sovereignty and territorial integrity within its internationally recognized borders, extending to its territorial waters.

"NATO does not and will not recognize Russia's illegal and illegitimate annexation of Crimea and denounces its temporary occupation," the statement said. "NATO continues to operate in international waters and the alliance's actions are always defensive in nature, proportionate in posture, and in line with international laws and conventions. The multinational character of NATO deployments, and transparency in all of its exercises and activities, reflects allies' fundamental commitment to the principles of collective defense, transatlantic unity, and interoperability in order to maintain peace and preserve security."

### **No Provocation**

Russia consistently monitors allied operations in the Black Sea with interest. This June, Russia fired warning shots at a Royal Navy destroyer that it said was in Russian waters, harassed a Dutch frigate, and has "spoofed" AIS tracking information to show allied ships near Crimea when they were actually faraway or in port in Odessa.

Gantt said the exercise was not intended to provoke Russia.

"This is a long-planned exercise. In fact, this is an exercise that has happened since 1997. In fact, this is the 21st iteration. This is in no way a reactive exercise. This is a longstanding commitment to an exercise in the Black Sea co-hosted by the United States and the Ukrainian navies. All nations have the right to operate in international waters, and this exercise will take place either in Ukraine or in international waters."

"Russia routinely observes our operations, and it is their

right to do so when they're doing that in international waters," said Gantt. "What we expect is that all nations will operate professionally at sea. We expect that all nations will respect the international laws and norms that govern safe and professional operations at sea. I expect that from Russia and I expect that from all of the forces here operating in Sea Breeze."

Gantt pointed out that the U.S. and Russia have a longstanding Incidents at Sea agreement (INCSEA) to reduce the chance of an incident at sea between the two countries and, in the event that one occurred, to prevent it from escalating.

"INCSEA provides a standardized set of communications to make sure there is no question when ships communicate with each other how they are – what their intentions are, and it's a longstanding process that, quite frankly, removes risk. That's an important part of what we're doing here with Sea Breeze. We are demonstrating to the world that the Black Sea is an international sea; it is open and available for the free transport of commerce, of shipping, for all nations, and it is not owned by any one nation."

As in past years, Sea Breeze serves to demonstrate the commitment of the U.S., NATO and partner nations to the stability and prosperity of the region.

"We are committed to maintaining the safety and security of the Black Sea," said Chargé d'affaires Kristina Kvien of the U.S. Embassy in Ukraine.

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# **President Nominates Two Marines for 3-Star Rank**

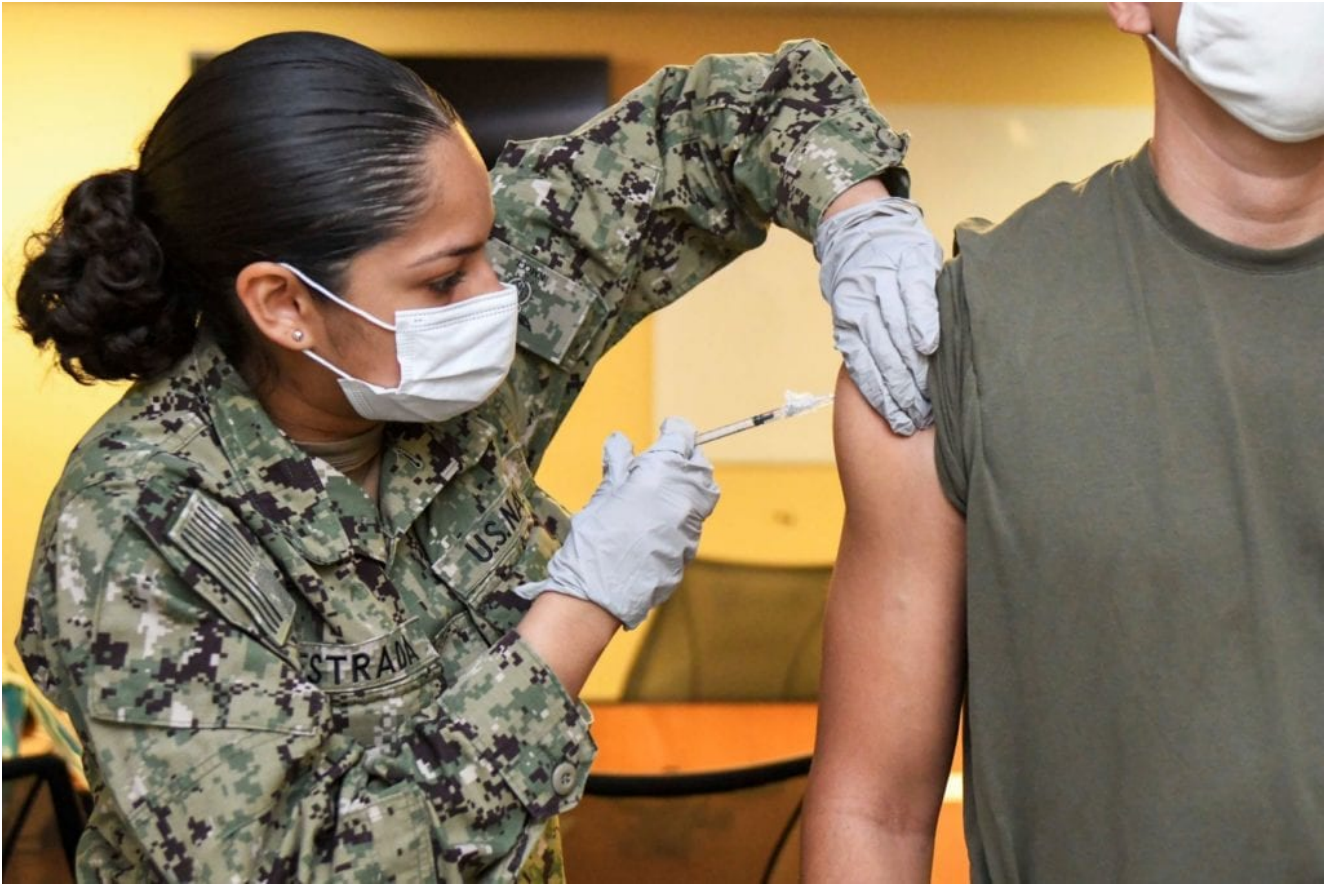
ARLINGTON, Va. – Secretary of Defense Lloyd J. Austin III announced July 2 that the president has made the following nominations:

Marine Corps Maj. Gen. Christopher J. Mahoney for appointment to the rank of lieutenant general, and assignment as deputy commandant for programs and resources, Headquarters, U.S. Marine Corps. Mahoney is currently serving as commanding general, 3d Marine Aircraft Wing, San Diego, California.

Marine Corps Maj. Gen. Stephen D. Sklenka for appointment to the rank of lieutenant general, and assignment as deputy commander, U.S. Indo-Pacific Command. Sklenka is currently serving as the J-5, director for strategic planning and policy, U.S. Indo-Pacific Command, Oahu, Hawaii.

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## **Navy Has the Highest COVID Vaccination Rate in DoD; Marine Corps the Lowest**



Navy Seaman Denisse Estrada-Suarez administers the COVID-19 vaccine during a Tiger Team visit to Marine Forces Special Operations Command at Camp Lejeune, N.C., June 15, 2021. *NAVAL MEDICAL CENTER CAMP LEJEUNE*

ARLINGTON, Va. – The U.S. Navy has the highest rate, 77%, of active duty personnel who have gotten at least one vaccination shot against COVID-19 virus, while the Marine Corps, at 58%, has the lowest, according to Defense Department health officials.

At a June 29 Pentagon briefing to update reporters on the Defense Department’s success in battling the coronavirus pandemic, officials announced efforts to determine why just 68% of the military overall have been vaccinated with at least one dose, and how to encourage more services members to roll up their sleeves to get their first and follow-on shots.

“The pandemic is not over, and we are not done with all-out efforts to encourage vaccination,” said Dr. Terry Adirim, acting Assistant Secretary of Defense for Health Affairs.

In addition to the Navy at one end of the active duty vaccination rate and the Marines at the other, officials said the first shot vaccination rate was 70% for the Army and 61% for the Air Force. There were no numbers for the Space Force and officials did not address reasons for the disparity of vaccination numbers among the services.

While COVID-19 case counts are dropping across the department and base commanders have been reducing local health protection condition (HPCON) levels, Adirim said recent data shows the unvaccinated or under-vaccinated are more susceptible to COVID variants, which are far more dangerous, especially the delta variant.

According to the military health system, the delta variant of COVID-19 is more transmittable, causes more severe disease, and results in higher cases of hospitalization and death than any other strain of the virus.

Of the 21 military personnel currently hospitalized with COVID, none were vaccinated, said Army Lt. Gen. Ronald Place, director of Defense Health Agency. He and Adirim said they were concerned about the risks posed to unvaccinated personnel at installations located in states and counties in the United States with low vaccination rates.

“The Delta variant poses a threat to unvaccinated personnel,” said Adirim, adding that the best way to beat it was through vaccination. Officials noted that a single dose of anti-COVID vaccine was only 33% effective against the Delta variant, while getting a second dose was 88% effective.

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# Bollinger Shipyards Delivers 45th Fast Response Cutter to Coast Guard



USCGC Emlen Tunnell in Key West, Florida. *BOLLINGER SHIPYARDS LOCKPORT, La.* – Bollinger Shipyards LLC has delivered the USCGC Emlen Tunnell to the U.S. Coast Guard in Key West, Florida, the company said in a July 1 release. This is the 168th vessel Bollinger has delivered to the U.S. Coast Guard over a 35-year period and the 45th Fast Response Cutter (FRC) delivered under the current program.

Named in honor of Coast Guard hero and National Football League great Emlen Tunnell, the cutter is the fourth of six FRCs to be home-ported in Manama, Bahrain. They will replace the aging 110-foot Island Class Patrol Boats, built by

Bollinger Shipyards 30 years ago, supporting the Patrol Forces Southwest Asia (PATFORSWA), the U.S. Coast Guard's largest overseas presence outside the United States.

"With recent incursions in the Arabian Gulf, it is a top priority to ensure that the brave men and women of the Coast Guard have the most state-of-the-art, advanced vessels as they work to ensure maritime security in the region," said Bollinger President and CEO Ben Bordelon. "Bollinger is proud to continue enhancing and supporting the U.S. Coast Guard's operational presence in the Middle East and ensuring it remains the preferred partner around the world."

Earlier this year at the commissioning ceremony of the USCGC Charles Moulthrop, U.S. Coast Guard Commandant Adm. Karl Schultz lauded the "enhanced seakeeping" capabilities of the PATFORSWA-bound FRCs, saying "these ships are truly going to be game changing in their new theater of operations" and "offer increased opportunities for integrated joint operations with our Navy and Marine Corps colleagues" as the Coast Guard seeks to be part of the whole-of-government solution set in the region.

PATFORSWA is composed of six cutters, shoreside support personnel, and the Maritime Engagement Team. The unit's mission is to train, organize, equip, support and deploy combat-ready Coast Guard Forces in support of U.S. Central Command and national security objectives. PATFORSWA works with Naval Forces Central Command in furthering their goals to conduct persistent maritime operations to forward U.S. interests, deter and counter disruptive countries, defeat violent extremism and strengthen partner nations' maritime capabilities in order to promote a secure maritime environment.

Each FRC is named for an enlisted Coast Guard hero who distinguished themselves in the line of duty. Emlen Tunnell was instrumental in saving the lives of two shipmates in two

different heroic actions. His exploits as a Coast Guardsman and then as a ground-breaking African American in the world of professional sports, Tunnell, through his incredible achievements both on and off the field, demonstrated the Coast Guard's core values of honor, respect and devotion to duty.

Tunnell played college football at Toledo before and after World War II – he enlisted from 1943 to 1946 – and continued his collegiate career at the University of Iowa. After leaving college in 1948, he hitchhiked from his home in Pennsylvania to New York for a tryout with the New York Giants. Tunnell was the first Black player signed by the Giants and later played for the Green Bay Packers. He ended up playing 14 seasons in the NFL and when he retired as a player, he held league records with 1,282 interception return yards, 258 punt returns, 2,209 punt return yards, and 79 interceptions, the second most interceptions in NFL history today. He then became a scout and one of the league's first Black assistant coaches, helping fully integrate both the Giants and the Packers. In 1967, Tunnell was the first Black man and the first defensive specialist to be enshrined in Canton.

The FRC is an operational “game changer,” according to senior Coast Guard officials. FRCs are consistently being deployed in support of the full range of missions within the United States Coast Guard and other branches of our armed services. This is due to its exceptional performance, expanded operational reach and capabilities, and ability to transform and adapt to the mission. FRCs have conducted operations as far as the Marshall Islands – a 4,400 nautical mile trip from their homeport. Measuring in at 154-feet, FRCs have a flank speed of 28 knots, state of the art C4ISR suite and stern launch and recovery ramp for a 26-foot, over-the-horizon interceptor cutter boat.

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# Pacific Fleet Commander Says He Has a Duty To Prevent Seizure of Taiwan



Commander, U.S. Pacific Fleet Adm. Sam Paparo speaks to Forward Deployed Naval Forces, Commander, Fleet Activities Sasebo and tenant command leadership onboard CFAS June 9, 2021. *U.S. NAVY / Mass Communication Specialist 3rd Class Jasmine Ikusebiala*

ARLINGTON, Va. – The commander of U.S. Pacific Fleet says he is concerned about People’s Republic of China (PRC) as a pacing threat, but he is also confident in his forces, allies and operational designs to thwart any attempt by China to seize Taiwan by force.

“China is a pacing threat,” Adm. Sam Paparo said June 29 during the final webinar of the West 2021 symposium of the Armed Forces Communications and Electronics Association, and the U.S. Naval Institute. Paparo said he interpreted that to mean China’s development of its own combat capability, particularly maritime capability, “is the factor that we’re taking into account in making our own investments in our own combat capabilities.”

Paparo, who took command of the Pacific Fleet in May, said he completely agreed with the former head of Indo-Pacific Command, Adm. Philip Davidson, who told a Senate hearing in March that China might attempt to take over Taiwan in six years, as part of its aim to expand its influence across the region and supplant the U.S. leadership role in the rules-based international order by 2050. China claims Taiwan, a position officially supported by the United States.

“I worry about China’s intentions,” Paparo said. “It doesn’t make a difference to me, whether it is tomorrow, next year or

whether it is in six years. At Pacific Fleet and Indo-Pacific Command we have a duty to be ready to respond to threats to U.S. security.”

That duty includes delivering a fleet “capable of thwarting any effort on the part of the Chinese to upend that [world] order, to include the unification by force of Taiwan to the People’s Republic of China,” the admiral said. “But I also feel confident in our Sailors, Marines and Coast Guardsmen ... as well as our operational designs to thwart such an effort with the teamwork of our allies and partners.”

Asked if there was any further discussion of creating a numbered fleet for the Indian Ocean, Paparo noted that by Navy doctrine, every numbered fleet is a tactical three star headquarters that can be deployed worldwide against any task.

“No numbered fleet, anywhere in the world has a monopoly on any battle space. They are broadly associated with bits of geography by convention,” he said. While hard to imagine the 5<sup>th</sup>, 6<sup>th</sup> or 7<sup>th</sup> fleets being separated from the geographic areas where they have deep relationships as a function of their placement, the 4<sup>th</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> fleets “are up and ready rounds that can be deployed to the point of need.”

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## **CH-53K Helicopter Cost Trending Downward, Marine General Says**



U.S. Marine Corps Maj. Gen. Michael S. Cederholm flies the

CH-53K "King Stallion" at Marine Corps Base Camp Lejeune, North Carolina, June 12, 2021. *U.S. MARINE CORPS / Cpl. Yuritzzy Gomez*

ARLINGTON, Va. – The unit cost of the Marine Corps' new heavy-lift helicopter is trending in the right direction as the helicopter prepares for its Initial Operational Test and Evaluation (IOT&E), a senior Marine Corps officer told Congress.

Rep. Vicki Hartzler, R-Missouri, during a June 30 hearing of the subcommittee on Tactical Air and Land Forces for the House Armed Services Committee, asked Lt. Gen. Mark Wise, the Corps' deputy commandant for aviation, about the cost of a CH-53K King Stallion being \$125 million, more than the cost of an F-35 strike fighter. She noted the proposed 2022 budget requested nine CH-53Ks, down from the 11 planned earlier for 2022. She also asked if the Marine Corps' requirement for 200 CH-53Ks would be reduced in light of the Corps' planned reduction of heavy helicopter squadrons from eight to five.

Wise replied that unit cost for the CH-53Ks in Low-Rate Production Lot 5 in fiscal 2021 was \$97 million and for Lot 6 in fiscal 2022 was projected to be \$94 million, lower than the cost of an F-35, "and trending in the right direction."

The general also said the Corps originally determined the requirement for CH-53Ks to be about 220 aircraft but reduced the official number to 200 because of affordability. He said the requirement will remain at 200 aircraft for the foreseeable future.

"If there is a reduction, it will probably be less than we would normally think had we actually bought the program of record that was the requirement to begin with," Wise said. "As we get to determining what that number is, any reduction would not happen until the end of program buys. That would reduce the likelihood that the cost would rise, depending on the last

lot buys.”

The general noted the 200 number was based on an projected attrition rate that had not been updated.

“So, it could go below 200 – and it ma y– but I’m not sure it’s going to go grossly below” 200, he said.

Wise said progress has been made through risk-reduction initiatives in dealing with technical issues such as engine gas re-ingestion.

“As we get ready to start into IOT&E – we’re actually starting next month – we’re seeing some fairly impressive readiness rates for the test birds that are going to be doing that operational test,” he said.

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## **Representative Suggests Including Lawmakers in Navy War Gaming to Help Inform Advocacy**



Naval Postgraduate School students participate in analytic wargames they designed to explore solutions for some of the Defense Department’s most pressing national security concerns. Rep. Mike Gallagher (R-Wisconsin) says he’d like to see some congressional participation in Navy wargaming allowed this year. *NAVAL POSTGRADUATE SCHOOL / Javier Chagoya*

ARLINGTON, Va. – The U.S. Department of the Navy (DoN) should invite supporters in Congress to the wargaming process “so we can better advocate for the Navy,” a House Armed Services

Committee member has suggested.

During a Washington think tank event June 28 on the state of the U.S. maritime industrial base and competition with China, Rep. Mike Gallagher (R-Wisconsin) said he would like to see Chief of Naval Operations Adm. Mike Gilday, Marine Corps Commandant Gen. David Berger and other Pentagon officials “join a few of us navalists in Congress,” in a room with just a map “and just in simple terms, have them walk us through their theory of the case for what they think the PLA [People’s Liberation Army] is trying to do. What we need to do to counter.”

Irritated by the limited time lawmakers get to question military leaders during public committee hearings, Gallagher called for better communication between Navy and Marine Corps leaders and congressional supporters during a virtual joint appearance with fellow HASC member, Rep. Rob Wittman (R-Virginia), presented by the Hudson Institute. “So, I’m an advocate for allowing some congressional participation in Navy wargaming this year,” Gallagher said.

Without directly commenting on Gallagher’s idea, Wittman acknowledged “folks want to know and hear more, especially, as Rep. Gallagher said, outside the committee hearing side.”

Wittman and Gallagher joined several senators in introducing the Supplying Help to Infrastructure in Ports, Yards, and America’s Repair Docks (SHIPYARD) Act of 2021 in April. The proposed legislation would provide \$25 billion to make investments needed to optimize, improve, and rebuild shipyard facilities, electrical infrastructure, environmental systems, and the equipment of public and private shipyards in the U.S. that support the U.S. Navy fleet.

The act would designate \$21 billion for the Navy’s four public shipyards in Virginia, Maine, Hawaii, and Washington, \$2 billion for major Navy private new construction shipyards, and

\$2 billion for Navy private repair shipyards.

Wittman and Gallagher noted U.S. shipyards were having trouble servicing the current 296-ship fleet and would be insufficient to maintain a 355-ship needed to counter the PLA Navy (PLAN) in China, which now has the world's largest navy with an overall battle force of 350 ships and submarines.

"We are far behind China in the trajectory of building our Navy. We are far behind China in the shipyard infrastructure that we need," Wittman said.

He noted the U.S. Navy's fiscal 2022 budget request seeks only eight ships, but plans to retire 15 ships, seven of them cruisers. "The question is, if you're going to be reducing the number of ships you build, how do you sustain an industrial base – not just the physical facilities but also the manpower?"

Gallagher said PLAN has grown its battle force by 117 ships since 2005 and over the same period, the U.S. Navy battle force has grown by just five ships.

"That is not the right trendline," he said.