

# National Museum of the Surface Navy Selects Applied Minds LLC for Phase 1 Design



U.S. Marines with the Assault Amphibian School listen to David Ashman, a tour guide with the USS Iowa museum, during a tour of the museum at the Port of Los Angeles, San Pedro, California, July 22. *U.S. MARINE CORPS / Lance Cpl. Hope Straley*

SAN PEDRO, Calif. – The National Museum of the Surface Navy at the Battleship Iowa, the museum for America’s Surface Navy located aboard the historic Battleship USS Iowa Museum, announced Aug. 1 the selection of Applied Minds LLC as designer for the first phase of the innovative museum.

Scheduled to open in 2025, the National Museum of the Surface Navy will be designed to raise awareness of the America’s Surface Navy and its past, present, and future roles in

maintaining freedom of the seas.

Led by Bran Ferren, formerly of Disney Imagineering, the team from Applied Minds will incorporate the historic Battleship USS Iowa as the platform for a unique, immersive experience. The team will be responsible for designing exhibits and experiences that educate visitors of the Surface Navy's role in maintaining safe and open sea lanes to ensure that our nation remains strong economically.

"The activation of the Iowa as the nation's first and only national museum dedicated to the men and women of the Surface Navy poses challenges from the standpoints of both creativity and technology," said retired Navy Rear Adm. Mike Shatynski, chairman of the board of the National Museum of the Surface Navy. "Retaining Applied Minds gives us a highly experienced team of creative and innovative professionals that is uniquely qualified and credentialed to design the world-class experience that our visitors will demand, and that the former, current and future Sailors of the Surface Navy deserve."

"The vision for the nation's first museum dedicated to America's Surface Navy is both exciting and forward-thinking, and we're thrilled to have been selected as the team to bring those ideas, concepts, and dreams to life," said Steven Hubrechts, chief of staff at Applied Minds. "Bringing together the extensive and proven experience in creativity and technology design at Applied Minds with the museum's visionary team will undoubtedly result in the development of a world-class museum that will become the standard for the next evolution in museums."

In addition to the phase one design project to be undertaken by Applied Minds, space preparation and infrastructure improvements for the museum are already underway aboard Battleship USS Iowa Museum thanks to the generous donations of seed donors.

For additional information about the National Museum of the Surface Navy and to become a Plank Owner, visit the website at <https://surfacenavymuseum.org>.

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## Indo-Pacific Maritime Security Exchange Provides Exclamation Point to RIMPAC



Ships sail in formation during sail in formation during Rim of the Pacific 2022, July 28. *U.S. NAVY / Mass Communication Specialist 3rd Class Ian Thomas*

HONOLULU – As this year's biennial, multinational Rim of the Pacific naval exercise is drawing to a close, naval experts will gather in Honolulu to conduct the 2022 Indo-Pacific Maritime Security Exchange, or IMSE, essentially punctuating

the end of RIMPAC with an exclamation point.

The conference is hosted by the Honolulu chapter of the Navy League and is being held at the Hawaii Convention Center Aug. 4-5.

According to retired Capt. Larry Osborn, a combination of three things makes IMSE unique – the location, the hybrid format and the enduring theme of building partnerships while focusing each year on a pertinent issue. The focus area for IMSE 2022 is “information sharing.”

As for location, “Honolulu, located in the mid-Pacific, is the only place where a U.S. combatant command is co-located with all its components,” said Osborn.

Produced as a hybrid event, Osborn said, “IMSE reaches across the Indo-Pacific and around the world with a live webinar broadcast while the in-person participants and attendees gather in a non-threatening, non-government venue to network informally and strengthen relationships.”



IMSE has no official relationship with RIMPAC, but it’s not a coincidence that IMSE happens right after the exercise. The event will explore this “largest of all” multi-national exercise to learn how the maritime services from 26 nations share information and operate together effectively as a cohesive force.

Since it’s a RIMPAC year, there will be representatives of a number of Indo-Pacific militaries already here. “We schedule

IMSE to follow right after the RIMPAC closing to take advantage of the many foreign leaders present in Honolulu at that time,” Osborn said.

IMSE 2022 will feature a number of senior leaders from the region, to include remarks from the Australian and Korean heads of navy. Adm. Sam Paparo, U.S. Pacific Fleet commander, will open the conference with a luncheon keynote. Discussion about the Quadrilateral Security Dialogue will include perspective from Indian, Japanese and U.S. senior leaders. Finally, a panel of ship commanding officers from the U.S., Malaysia, Australia, Korea, and the Philippines will share their RIMPAC experience.

Anyone can register at [imsehawaii.org](https://imsehawaii.org) to attend IMSE 2022 virtually via a live webinar or in person. Registration will stay open until the conference opening. Navy League members attending in person receive a discount.

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## **Langley Confirmed to Head Africa Command as Four-Star General**



Lt. Gen. Michael Langley. *U.S. MARINE CORPS*

WASHINGTON – Lt. Gen. Michael Langley has been confirmed by the U.S. Senate to be the first African-American four-star general in the U.S. Marine Corps, Senate Majority Leader Chuck Schumer announced Aug. 1.

Langley was nominated to be commander of U.S. Africa Command in Stuttgart, Germany, on June 9. He will be promoted to general at a ceremony in Washington, D.C., on Saturday, Aug. 6, the Marine Corps announced Aug. 2. Langley is currently serving as commander, U.S. Marine Corps Forces Command; commanding general, Fleet Marine Force Atlantic; and commander, Marine Corps Forces North, Norfolk, Virginia.

“He’s been a Marine for more than 35 years. He’s led an impressive career. And he’s now the first Black four-star general in the history of the Marines,” Schumer posted on Twitter.

“It is a great honor to be the president’s nominee to lead U.S. Africom,” Langley said at his July 21 nomination hearing before the Senate Armed Services Committee. “I am grateful for the trust and confidence extended by him, the secretary of defense, the chairman of the joint chiefs of staff and the commandant of the Marine Corps.”

A native of Shreveport, Louisiana, Langley graduated from the University of Texas at Arlington and commissioned in 1985. He commanded at every level from platoon to regiment, including Battery K, 5<sup>th</sup> Battalion, 11th Marines in support of Operation Wildfire in the Western United States; battalion and regimental commands in 12th Marines forward deployed in Okinawa, Japan; and both the 201st Regional Corps Advisory Command-Central and Regional Support Command – Southwest in support of Operation Enduring Freedom in Afghanistan.

As a general officer, his command assignments include deputy commanding general, II Marine Expeditionary Force and commanding general, 2d Marine Expeditionary Brigade; commander, Marine Forces Europe and Africa; and deputy commanding general, Fleet Marine Force, Atlantic and deputy commander, Marine Forces Command and Marine Forces Northern Command.

Langley holds multiple advanced degrees including Masters in National Security Strategic Studies from the U.S. Naval War College and Strategic Studies from the U.S. Army War College.

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# USS Fort Lauderdale Commissioned in Namesake City



The future USS Fort Lauderdale (LPD 28) currently moored in Port Everglades, in its namesake city Fort Lauderdale, Florida, getting ready for its commissioning ceremony. *U.S. NAVY / Sgt. Gavin Shelton, USMC*

FORT LAUDERDALE, Fla. – The U.S. Navy commissioned its newest amphibious transport dock ship, USS Fort Lauderdale (LPD 28), on July 30 in its namesake Florida city, Commander, Naval Surface Forces Public Affairs said July 30.

“To the Sailors and Marines who will serve aboard USS Fort Lauderdale, thank you and your families in advance for the service you will fulfill and sacrifices you may endure,” said Secretary of the Navy Carlos Del Toro, who spoke at the event. “The moment you bring this amphibious transport dock to life, you will strengthen the integrated deterrence capability of our entire joint force.”

Guest speakers for the event also included Kari Wilkinson, president of Ingalls Shipbuilding; Gen. Eric Smith, assistant commandant of the Marine Corps and Fort Lauderdale Mayor Dean Trantlis. The principal speaker was U.S. Rep. Debbie Wasserman Schultz (D-Florida).

“It is such an honor to be involved in the commissioning of the USS Ft. Lauderdale. It’s another chapter to the momentous history, friendship, and respect that the city has with the U.S. Navy,” Schultz said. “As chair of the Military Construction and Veterans Affairs Appropriations Subcommittee, my support for our military is unwavering. I will always stand by our service members and veterans, and honor those who continue to serve.”

Ship sponsor Meredith A. Berger gave the first order to “man our ship and bring her to life.”

“The Navy names ships for people, places, and ideas that are special. The Navy certainly picked a special place when naming the USS Fort Lauderdale,” she said. “I am honored to be the sponsor for this incredible ship.”

Built by the Huntington Ingalls Industries in Pascagoula, Mississippi, Fort Lauderdale was launched March 28, 2020, and christened Aug. 21, 2021. The ship was delivered to U.S. Navy Nov. 30, 2021.

“Finally, if there is one thing that history has shown us from

the days of antiquity it is that the stakes of the competition for control of the seas are high and for our part, USS Fort Lauderdale stands ready to deliver on any day, and at any time,” said Capt. James Quaresimo, the ship’s commanding officer. “And those that may wish to challenge us – they should pause. For we are equipped with America’s unstoppable secret weapon that our enemies will never be able to duplicate and that is the fierce, dedicated and unstoppable, men and women of the United States Navy and Marine Corps.”

The ceremony marks the official transition of the USS Fort Lauderdale into the fleet and caps a weeklong series of events celebrating the ship and its namesake city.

Amphibious transport dock ships are warships that embark, transport and land elements of a landing force for a variety of expeditionary warfare missions.

USS Fort Lauderdale will be homeported at Naval Station Norfolk, Virginia.

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## **L3Harris, US Navy to Demo Maritime Autonomous Capabilities at RIMPAC**



The large unmanned surface vessel Nomad arrives at Pearl Harbor to participate in Rim of the Pacific 2022. *U.S. NAVY / Mass Communication Specialist 3rd Class Demitrius J. Williams*  
MELBOURNE, Fla. – L3Harris Technologies, in collaboration with the U.S. Navy, will demonstrate how unmanned surface vehicle technologies can provide critical support for traditional maritime forces during the Rim of the Pacific Exercise 2022, the company said Aug. 1.

RIMPAC is being held June 29 through Aug. 4 off the coast of Pearl Harbor, Hawaii.

The Navy will operate its medium-displacement unmanned surface vehicle, Nomad, outfitted with numerous L3Harris autonomous technologies that enable it to perform strategic missions safely and accurately without the need for onboard support staff. The technology includes L3Harris control, electro-optical and communications systems.

Nomad supports different maritime missions, including information, surveillance and reconnaissance, and maritime domain awareness missions. It can operate in an autonomous mode, including maintaining vessel awareness and complying with international collision avoidance guidelines and can be

remotely piloted from an onshore or ship-based ground control station.

“RIMPAC provides a great opportunity to demonstrate how unmanned autonomous technology can support maritime forces,” said Rosemary Chapdelaine, president of Maritime at L3Harris. “Lessons learned from this exercise will enable us to continue developing and integrating autonomous capabilities in collaboration with the Naval Sea Systems Command, Unmanned Maritime Systems.”

Twenty-six nations, surface ships, submarines, national land forces, aircraft and nearly 25,000 personnel are expected to participate in this year’s RIMPAC.

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## **Royal Navy’s New Ship Will be an Autonomy and Lethality Accelerator**



The U.K. Royal Navy's experimental vessel XV Patrick Blackett.  
*U.K. ROYAL NAVY*

PORTSMOUTH, UK – The Royal Navy welcomed the experimental vessel XV Patrick Blackett (X01) on July 29 in a ceremony at Portsmouth, United Kingdom.

The Royal Navy refers to the new ship, which has the hull number X01, as an “autonomy and lethality accelerator” and a “maritime sandbox,” dedicated to exploring and demonstrating new, innovative technology at sea.

The ship, designed as an offshore support vessel, was acquired from the Dutch shipbuilder Damen and optimized for Royal Navy use. Its inherent modularity allows various systems and capabilities to be installed in the Royal Navy's PODS (Persistently Operationally Deployed Systems), or secured on deck, and plugged in to the ship's network to be evaluated.

The 135-foot ship will have a top speed of about 20 knots and have a crew of five. It is not expected to be operated autonomously without a crew.

The ship's namesake, physicist Patrick Blackett, served in the Royal Navy in WW I and later made groundbreaking contributions during WW II in the field of operational research. He won a Nobel Prize for his work in 1948.

The vessel will be operated as part of the Royal Navy's "NavyX" organization, which, according to its website, "rapidly develops, tests and trials cutting-edge equipment, with the aim of getting new technology off the drawing board and into the hands of our people on operations at a pace. Operating across all maritime environments – over water, on water, underwater and the littoral. By empowering a team with diverse experience, NavyX will exponentially accelerate our speed of learning and our capacity to procure and integrate these best-in-class technologies."