



“Navigator”
H O' OKELE
FOR THE NAVY AND AIR FORCE TEAM IN HAWAII

AUGUST 2022

RIMPAC CONCLUDES

Pg. 10



MULTINATIONAL PARTNERS CONDUCT DIVE TRAINING

U.S. Navy, Mexico navy, Royal Australian navy and Royal Canada navy divers conduct a training dive on the sunken harbor tug Nashua (YTB 774) during RIMPAC 2022. Twenty-six nations, 38 ships, three submarines, more than 170 aircraft and 25,000 personnel participate in RIMPAC from June 29 to Aug. 4 in and around the Hawaiian Islands and Southern California. (Photo by MCC Eric Chan)



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ON THE COVER:

The Arleigh Burke-class guided-missile destroyer USS Chafee (DDG 90) launches an SM-2 missile alongside ships from the Royal Canadian Navy as part of the Surface to Air Missile Exercise (SAMEX) during Rim of the Pacific (RIMPAC) 2022, July 19.

(Photo by MC2 Gwendelyn L. Ohrzada)



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Your Navy Team in Hawaii

Commander, Navy Region Hawaii oversees two installations: Joint Base Pearl Harbor-Hickam on Oahu and Pacific Missile Range Facility, Barking Sands, on Kauai. We provide oversight for the ten surface ships homeported at JBPHH. Navy aircraft squadrons are also co-located at Marine Corps Base Hawaii, Kaneohe, Oahu, and training is sometimes also conducted on other islands, but most Navy assets are located at JBPHH and PMRF. These two installations serve fleet, fighter and family under the direction of Commander, Navy Installations Command.

The guided-missile cruiser and destroyers of Commander, Naval Surface Force Pacific deploy independently or as part of a group for Commander, U.S. Third Fleet and in the Seventh Fleet and Fifth Fleet areas of responsibility. The Navy, including your Navy team in Hawaii, builds partnerships and strengthens interoperability in the Pacific. Each year, Navy ships, submarines and aircraft from Hawaii participate in various training exercises with allies and friends in the Pacific and Indian Oceans to strengthen interoperability. Navy service members and civilians conduct humanitarian assistance and disaster response missions in the South Pacific and in Asia. Working with the U.S. Coast Guard, the Navy in Hawaii provides drug interdiction and fisheries enforcement operations for Commander, U.S. Pacific Fleet. In even-numbered years, Hawaii hosts the biennial summer Rim of the Pacific Exercise, the world's largest military maritime exercise, featuring more than two dozen nations and 25,000 personnel.

The Navy family in Hawaii comprises around 50,000 people, most of whom are active duty service members and their families, and includes nearly 15,000 civilians and contractors as part of our workforce.

JBPHH includes the Pearl Harbor waterfront, Hickam flight line, Wahiawa annex and several other areas in West Oahu and provides a major logistics and other support hub for the military and military families. Supporting the nation's ballistic missile defense initiative, the Pacific Missile Range Facility on the western coast of "The Garden Island," is the world's largest instrumented multidimensional testing and training missile range.

We provide services to the U.S. Pacific Command, one of DOD's six geographic combatant commands, with an area of responsibility covering half the globe. We directly support two component commands whose headquarters are on JBPHH: Commander, U.S. Pacific Fleet and Commander, U.S. Pacific Air Force. Close to our own Region/MIDPAC headquarters command is Commander, Submarine Force, U.S. Pacific Fleet. With 18 forward-deployable combat-ready U.S. Navy submarines, Pearl Harbor is home to the largest submarine presence in the Pacific. The Pearl Harbor Naval Shipyard, on JBPHH, is the largest ship repair facility between the West Coast and the Far East. Within our region, we support more than 100 tenant commands.

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In the September issue, Ho'okele will feature highlights on National Hispanic Heritage Month, U.S. Air Force birthday, Disaster Preparedness Month, Hurricane preparedness, 9/11 and more.



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Navy Region Hawaii

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NAVY INSTALLS NEW GROUNDWATER MONITORING WELLS AT RED HILL

Story by Navy Region Hawaii Public Affairs

In the ongoing effort to ensure water safety at Red Hill and the surrounding area, the Navy has installed two of 10 new planned groundwater monitoring wells near the location of the Nov. 20, 2021, fuel spill at the Red Hill Bulk Fuel Storage Facility.

The installation of these new wells and resulting expanded monitoring capability will help in making informed and environmentally protective decisions.

The Navy is working with the Hawaii Department of Health (DOH), the U.S. Environmental Protection Agency (EPA), and other stakeholders to install the new monitoring wells, referred to as plume delineation wells, in the immediate vicinity of Red Hill to test for the presence of contaminants and to evaluate potential impacts to the local aquifer.

The remaining eight plume delineation wells are in the process of permitting and drilling, with completion expected in April 2023. The next two plume delineation wells will be completed in August, while the remaining six wells are in the permit and drilling process and expected to be completed within the next 10 months.

“This is an important step in our ongoing work to provide safe drinking water and protect the aquifer and the environment,” said Rear Adm. Steve Barnett, Navy Region Hawaii commander. “We are aligned with the Hawaii Department of Health and other stakeholders in this effort and remain committed to informing the public of actions that are taking place while we work on completing requirements for the defueling plan.”

The Navy has taken initial samples from the completed wells, designated P-01 and P-02, and will share all validated sampling results with DOH and EPA. Samples are being sent to an independent, certified laboratory on the mainland.

The Navy is also planning to install 12 additional groundwater “sentinel” monitoring wells between Red Hill and neighboring drinking water sources in order to provide a warning if any contamination in the aquifer were to migrate. Under the required permitting process, the first of these wells are planned to begin installation in August 2022, with completion

of the final well expected in September 2023.

The Navy has contacted owners and operators of other groundwater monitoring wells in the vicinity of Red Hill in order to gain a broader understanding of the aquifer and its groundwater dynamics.

The Navy has continuously collected data from 21 previously-established groundwater monitoring wells around the fuel storage tanks at Red Hill. Since May 2021, there have been intermittent detections of total petroleum hydrocarbon (TPH) above DOH’s Environmental Action Level (EAL) in some of those monitoring wells, but the data did not present a clear pattern to infer contamination movement. The Navy continues to partner with DOH on data analysis.

Sampling results from the Navy’s groundwater monitoring wells are shared with DOH and EPA as soon as the laboratory validates the results. DOH makes the data available on their website at <https://health.hawaii.gov/ust/red-hill/update-may-6-2021-release-monitoring-data-posted-weekly/>

In addition to groundwater sampling, the Navy has continued to install new soil vapor monitoring ports near the Nov. 20 release site. Soil vapor monitoring allows the Navy to conduct more localized soil gas vapor sampling to better characterize and understand any contamination “hot spots” immediately below the access tunnel. Installation of deep soil vapor monitoring ports is planned to be complete in August 2022, and intermediate-depth ports will be installed in November 2022.

The Navy will continue to coordinate with DOH and EPA to better understand the underground conditions in the area of Red Hill and evaluate potential remediation activities. Additional remediation activities may include removing contaminated soil or employing bio-remediation techniques to accelerate the natural degradation of petroleum compounds.

For more information on these actions, go to the news section of <http://www.navy.mil/jointbasewater>.

For more information on long-term monitoring of the Navy water distribution system, go to <https://jbphh-safewaters.org>.

“This is an important step in our ongoing work to provide safe drinking water and protect the aquifer and the environment.”

- Rear Adm. Steve Barnett, commander, Navy Region Hawaii

USS FRANK E. PETERSEN RESCUES STRANDED MARINER

Courtesy story, U.S. 3rd Fleet Public Affairs

The U.S. Navy rescued a stranded mariner July 5 after his sailboat became disabled during a trans-Pacific voyage.

The mariner, a 75-year-old American citizen, had been adrift without sail or power for 12 days when he was rescued by personnel aboard USS Frank E. Petersen, Jr. (DDG 121), 300 miles south of Oahu, and transported aboard the ship to Joint Base Pearl Harbor-Hickam, July 6.

"This search and rescue operation speaks to the capability of the U.S. Navy to respond quickly, aggressively, and safely across a lot of ocean to save a life and have positive mission impact," said Cmdr. Daniel A. Hancock, the on-scene commander of the rescue effort and commanding officer of Frank E. Peterson. "I am proud of the crew's professionalism in response to short-notice, real-world tasking."

The ship worked in coordination with the Joint Rescue Coordination Center and the U.S. Coast Guard's 14th District, who provided the information needed to locate and contact the sailboat and were waiting at the pier to escort him for customs and caretaking.

"The combined effort and coordination displayed by everyone involved resulted in an efficient and successful rescue," said Lt. Charles Lesperance, an operations unit controller for Joint Rescue Coordination Center Honolulu. "These partnerships in the Pacific are essential in creating a force multiplier to cover such a large area of operation."

Additionally, the 14th District provided aerial support with a HC-130J long-range search and rescue aircraft to verify the location of the sailboat in advance of the ship's arrival, verify the condition of the vessel and see the mariner aboard.

Once aboard the ship, Frank E. Peterson personnel provided the mariner medical attention, as well as food, water and the opportunity for rest after his ordeal. He had been underway for 54 days.

"The safe rescue of this mariner reflects their character and tenacity, and emulates the daring, toughness, and mission success of our namesake, Lt. General Frank E. Petersen, Jr.," said Hancock. "This is a capable warship but her real strength is without a doubt her determined crew."

The mariner had lived aboard the sailboat for the past three years and had been sailing from New Zealand.

Frank E. Petersen Jr. commissioned on May 14 in Charleston, South Carolina, and is the Navy's newest Arleigh Burke-class guided-missile destroyer.



USS PORT ROYAL RETURNS HOME



Story and photos by Lt. j.g. Victoria Estrada and Lt. j.g. Bo Hyun An
Naval Surface Group Middle Pacific Public Affairs



The Ticonderoga-class guided-missile cruiser USS Port Royal (CG 73) returned to its homeport of Pearl Harbor after successfully completing a scheduled deployment to the U.S. 5th and 7th Fleet areas of operations.

Commander duties while in the Arabian Gulf.

The crew's hard work continued on their personal and professional development with 47 Sailors joining the ranks of enlisted surface warfare specialist qualified personnel and three officers qualifying in Surface Warfare.



This deployment took Port Royal through 40,000 miles of water, nine strait transits and port visits to Guam, Japan, Singapore, Bahrain, and Kuwait.

Even with the crew's hard work, they managed to find downtime with a swim call and two community relations events, multiple steel beach picnics and Morale, Welfare, and Recreation (MWR) events. Port Royal Sailors worked tirelessly to ensure they remained at the forefront of our naval fighting force throughout this deployment, cementing her legacy as a ship that truly had "The Will to Win."



The Port Royal team conducted a variety of at-sea operations with the Abraham Lincoln Strike Group as the Ballistic Missile Defense Commander. Port Royal also conducted combined maritime operations with the Kuwait Naval Force and hosted Vice Adm. Charles Cooper, commander, U.S. 5th Fleet, along with multiple high-ranking members of the Kuwait Military Forces to boost international relations.

Port Royal is a Ticonderoga-class guided-missile cruiser. U.S. Navy guided-missile cruisers provide multi-mission offensive and defensive capabilities, and can operate independently, or as part of carrier battle groups, surface action groups, amphibious ready groups and underway replenishment groups.

Port Royal also stood Sector Air Defense Commander, Ballistic Missile Defense Commander, and Air and Missile Defense



NAVY REGION HAWAII'S FEDERAL FIRE DEPARTMENT RENDERS MUTUAL AID TO OAHU COMMUNITIES

Story by Grady Fontana
Naval Medical Forces Pacific

The Department of Defense's (DoD) presence in Hawaii has deep historical roots, and adds to the overall security of the state and the nation. Hawaii's ideal location in the Pacific hosts a strategic headquarters for military activities in the Asia-Pacific region.

At the same time, this presence in Hawaii has had a significant positive impact on the local economy, jobs and business opportunities.

These reasons punctuate why the military community continues to have strong support among the residents of Hawaii, and local government organizations. The relationship is more than an association between federal and state—it's a partnership.

During the COVID-19 omicron variant surge in late December 2021, more than 200 Oahu first responders were out of work, either because they were infected with COVID-19, or they were in COVID-19 quarantine protocol, according to Douglas Asano, assistant fire chief, Federal Fire Department (FFD) Hawaii. Thereby, reducing the capacity of the Oahu 911 Emergency Management System (EMS).

As a partner in the community, Navy Region Hawaii's (NRH) FFD aided Oahu first responders in providing emergency medical services during the omicron surge that placed a strain on City and County of Honolulu's EMS resources.

These first responders included Honolulu paramedics and emergency medical technicians, which were a vital part of the Oahu EMS system.

During the 2021 holidays (December to January), which was the peak of the surge, the omicron case count swelled to 5,659 a day, while the demand for emergency ambulance resources greatly increased. The community EMS system staffing shortage led to Honolulu EMS 911 ambulances being temporarily shut down across the island.

When approximately 10% of the Honolulu EMS workforce was out with COVID-19 infections, NRH FFD EMS stepped in and provided back-up ambulance providers for mutual aid.

As a result, NRH FFD received a significant increase in mutual aid requested calls. During that period, FFD EMS units responded to 55 mutual aid calls from the City and County of Honolulu with seven of them being patients of critical

cardiopulmonary cardiac arrest.

"Our FFD EMS units were handling higher than expected mutual aid requests from Honolulu EMS during that time, and we were glad that Federal Fire Department Hawaii was able to assist the community," said Asano. "Our ethos in the EMS division is 'Find a Way!' and we did. No FFD EMS ambulances were closed during the omicron surge and we increased our support to neighboring communities by four times the normal call volume of mutual aid assistance calls during those concerning two months."

FFD was there to support the state and the communities of Oahu. In some of those critical calls, FFD EMS was able to save lives.

"Together with our state and city partners we were able to manage this pandemic surge crisis and truly make a difference in lives," said Asano. "I'm extremely proud of our EMS providers and acknowledge that their service often comes at the cost of their own physical well-being, mental health, and precious time with family and loved ones. They embody the best our fire department has to offer and I am proud of each one of them for the service they provide."

FFD is primarily responsible for protecting the lives and property of U.S. service members and their families, as well as DoD civilians and contractor employees working on DoD installations in Oahu.

On the island of Oahu, there are 10 major military installations: Joint Base Pearl Harbor-Hickam, Tripler Army Medical Center, Naval Computer and Telecommunications Area Master Station-Pacific, Marine Corps Base Hawaii-Kaneohe Bay, Naval Magazine-West Loch, Helemano Military Reservation, Wheeler Army Airfield, Schofield Barracks, Marine Corps Base Hawaii-Camp Smith, and Fort Shafter. Together, about 110,000 DoD military beneficiaries are based on the island of Oahu.

According to Asano, the capacity of FFD Hawaii's system to absorb disturbance, and still retain its basic function and structure in a complex environment, was the true test of their system's resiliency.

"Its ability to absorb this shock and cope with it, shows how increasingly important it is here on our island community to have partnerships," said Asano.

"Our FFD EMS units were handling higher than expected mutual aid requests from Honolulu EMS during that time, and we were glad that Federal Fire Department Hawaii was able to assist the community."

- Douglas Asano, assistant fire chief, FFD Hawaii

(Photos by MC2 Greg Hall)



RIMPAC CONCLUDES

CAPABLE, ADAPTIVE PARTNERS

Courtesy story, U.S. 3rd Fleet Public Affairs

The world's largest international maritime exercise concluded Aug. 4 following more than a month of realistic, relevant combined operations training conducted in and around the Hawaiian Islands and Southern California.

Twenty-six nations, 38 surface ships, three submarines, nine national land forces, more than 30 unmanned systems, approximately 170 aircraft and over 25,000 personnel participated in the 28th edition of the biennial Rim of the Pacific (RIMPAC).

RIMPAC 2022 Combined Task Force Commander, U.S. Navy Vice Adm. Michael Boyle expressed that returning to a full-scale exercise, with multiple exercise firsts, has been a success across all domains.

“By coming together as Capable, Adaptive Partners, and in the scale that we are, we are making a statement about our commitment to work together, to foster and sustain those relationships that are critical to ensuring the safety of the sea lanes and the security of the world’s interconnected oceans,” Vice Adm. Boyle said.

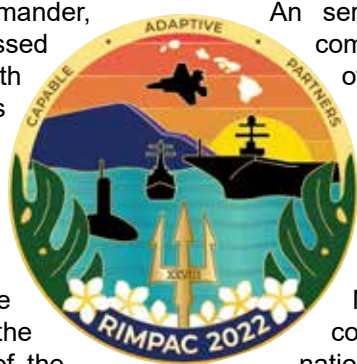
Japan Maritime Self-Defense Force Rear Admiral Toshiyuki Hirata filled the role of Vice Commander, and commanded the Humanitarian Assistance and Disaster Relief (HADR) portion of the exercise that operated with local hospital personnel. This year’s RIMPAC included two Maritime Self-Defense Force escort ships and the Ground Self-Defense Force’s Western Army.

Rear Adm. Hirata said that in the current security environment, it is important for the international community to work together. “It is of great significance to deepen and strengthen the relationship of trust.”

For the first time, Republic of Korea Rear Adm. Sangmin An served as the Commander of the exercise’s combined amphibious task force, with the Republic of Singapore Navy Col. Kwan Hon Chuong serving as the amphibious force’s Sea Combat Commander, and Royal Australian Navy Capt. Michael Osborn serving as the Sea Logistics Commander.

RIMPAC’s Deputy Commander, Royal Canadian Navy Rear Adm. Christopher Robinson, said the collaboration and cohesiveness between partner nations enhanced their operations.

“This exercise provides tremendous training value, enabling partners to build skills and refine procedures through working together. Part of this comes from seeing how other partners approach similar scenarios, offering new perspectives”, Robinson said. “The value of this collaboration goes further, in that it also enables us to build and foster those relationships and networks that are so incredibly valuable as we operate together in future operations throughout the region.”



A few of the first-time achievements included:

- Two U.S. Marine Corps MV-22 Osprey aircraft embarked in Australian amphibious ship HMAS Canberra for the whole duration of the exercise.
- While participating in RIMPAC for the first time, HMNZS Aotearoa conducted numerous Replenishment at Sea operations with partner nations including France, Australia, Canada, Malaysia and the U.S.
- Royal Malaysian Ship KD Leskir (F26) conducted their first live missile firing outside Malaysian waters.
- First embedded use of the MQ-9A and MQ-9B unmanned aerial vehicles, and the unmanned surface vessels Nomad, Ranger, Sea Hawk and Sea Hunter; with data and knowledge sharing amongst 13 countries, including Australia, Canada, Japan, Korea, Malaysia, Philippines, Peru, India, France, Chile, Mexico, Singapore and Indonesia.
- Nine nations participated in the RIMPAC Amphibious Assault (Australia, Chile, Indonesia, Malaysia, Mexico, Republic of Korea, Sri Lanka, Tonga and U.S.).

This year’s exercise included units and personnel from Australia, Brunei, Canada, Chile, Colombia, Denmark, Ecuador, France, Germany, India, Indonesia, Israel, Japan, Malaysia, Mexico, Netherlands, New Zealand, Peru, the Republic of Korea, the Republic of the Philippines, Singapore, Sri Lanka, Thailand, Tonga, the United Kingdom and the United States.

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- #RIMPAC2022 #CapableAdaptivePartners



(Photos by MC2 Jaimar Carson-Bondurant, MC3 Dylan Lavin, Christopher Szumlanski, and Royal Malaysian Navy)



MULTINATIONAL PARTNERS CONDUCT MULTI-DOMAIN SINKING EXERCISE

Courtesy story, U.S. 3rd Fleet Public Affairs

Multinational partners conducted a multi-domain sinking exercise (SINKEX) in the Hawaiian Islands operating area as part of exercise Rim of the Pacific (RIMPAC) 2022, July 22.

Air, land, and sea units from Japan and the U.S. sank the decommissioned Austin-class amphibious transport dock ship ex-USS Denver (LPD 9) in waters more than 15,000 feet deep and over 50 nautical miles North of Kauai. With oversight and coordination by the multinational combined task force, the SINKEX enabled partner nations to gain proficiency in tactics, targeting and live firing against a surface target at sea.

From the land, the Japanese Ground Self-Defense Force and U.S. Army shot Type 12 surface-to-ship missiles and practice rockets.

Japanese Ground Self-Defense Force (JGSDF) Maj. Gen. Shigeo Kaida, director of the Operations Support & Training Department at the Ground Staff Office in the Japanese Ministry of Defense, talked about the importance of the training opportunity the SINKEX provided.

"This sink-at-the-sea exercise demonstrates current operational capabilities and tactical skills, and provides a valuable opportunity to coordinate and collaborate between Japanese Type 12 Surface-to-Ship Missiles (SSM) and the U.S. Army High Mobility Artillery Rocket System (HIMARS) to conduct a live fire and comprehensive exercise," said Kaida. "Alliances with partner nations are a key element to secure our regional stability and enhance our capabilities of deterrence and response in the Indo-Pacific region."

From the air, U.S. Navy F/A-18F Super Hornets assigned to Strike Fighter Squadron shot a long range anti-ship missile. U.S. Army AH-64 Apache helicopters shot air-to-ground Hellfire missiles, rockets, and 30mm guns.

U.S. Marine Corps F/A-18C/D Hornets assigned to Marine Fighter Attack Squadron 232, Marine Air-Ground Task Force 7, fired an air-launched cruise missile, air-to-surface anti-radiation missiles, an air-to-ground anti-radiation missile, and joint direct attack munitions.

Royal Canadian Air Force Brigadier-General Mark Goulden, commander of the RIMPAC Combined Force Air Component Command, is responsible for operations in the air domain across the exercise and discussed the challenges of a SINKEX and amount of teamwork involved to successfully complete the mission.

"SINKEX is more than the end result. It takes a team of capable, adaptive partners from different nations and disciplines to come together to find, fix, track, target, engage and assess with the agility and precision required to put the right ordnance in the right place, at the right time, every time," said Goulden.

"The SINKEXs at RIMPAC provide us with a uniquely complex and challenging environment for partner forces to hone those important skills. Being able to work together was our goal, and SINKEX is a demonstration of our success."

U.S. Marine Corps Forces, Pacific Deputy Commander Brig. Gen. Joseph R. Clearfield serves as the Fleet Marine Force Commanding General oversees all Marine Corps Forces assigned to RIMPAC.

"The role of Marine Corps aircraft, alongside forces from our partners and allies in this SINKEX, is an awesome display of the versatile combat power the combined force brings to the fight," said Clearfield. "It was a bittersweet moment for me, having served aboard USS Denver during my career. But what a way for her to go out! This exercise shows the power of partnerships in the region."

Finally, from the sea, U.S. Navy guided-missile destroyer USS Chafee (DDG 90) shot its Mark 45 5-inch gun.

Former Navy vessels used in SINKEXs are prepared in strict compliance with regulations prescribed and enforced by the Environmental Protection Agency under a general permit the Navy holds pursuant to the Marine Protection, Research and Sanctuaries Act.

Each SINKEX is required to sink the hulk in at least 1,000 fathoms (6,000 feet) of water and at least 50 nautical miles from land. Surveys are conducted to ensure that humans and marine mammals are not in an area where they could be harmed during the event. Prior to the vessel being transported for participation in a SINKEX, each vessel is put through a rigorous cleaning process, including the removal of all polychlorinated

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biphenyls (PCBs), transformers and large capacitors, all small capacitors to the greatest extent practical, trash, floatable materials, mercury or fluorocarbon-containing materials and readily detachable solid PCB items. Petroleum is also cleaned from tanks, piping and reservoirs.

Ex-Denver, the third U.S. Navy ship to bear the name of American pioneer James William Denver and the capital of the state of Colorado, was commissioned Oct. 26, 1968. Over its history, the ship played a significant role in several operations, most notably Operation Frequent Wind, the evacuation of Saigon, Vietnam in April 1975. The ship was decommissioned as the oldest deployable warship in the Navy after 46 years of service at Joint Base Pearl Harbor-Hickam Aug. 14, 2014.

Twenty-six nations, 38 ships, three submarines, more than 170 aircraft, more than 30 unmanned systems and 25,000 personnel are participating in RIMPAC from June 29 to Aug. 4 in and around the Hawaiian Islands and Southern California.

The world's largest international maritime exercise, RIMPAC provides a unique training opportunity while fostering and sustaining cooperative relationships among participants critical to ensuring the safety of sea lanes and security on the world's oceans.

RIMPAC 2022 is the 28th exercise in the series that began in 1971.

(Photos by MC2 Samantha Jetzer, MC3 Javier Reyes, Sgt. Gary Singleton, and Canadian Forces S1 Melissa Gonzalez)



UNMANNED SURFACE VESSELS OPERATE AT RIMPAC

Courtesy story, U.S. 3rd Fleet Public Affairs

Four prototype unmanned surface vessels (USV) participated in the Rim of the Pacific 2022 exercise, known as RIMPAC, delivering warfighting capabilities and extending the reach of the manned U.S. fleet with fewer risks to the warfighter.

Though unmanned systems have participated in exercises before, the involvement of four different vehicles, operating both autonomously and by manned teams, is a major milestone.

The vessels Seahawk, Sea Hunter, Nomad and Ranger, executed a range of missions. The prototypes worked side-by-side with exercise participants, carrying payloads, providing intelligence, and most significantly, gathering data in a real-world environment to determine how they will function in the larger fleet.

The significance of the occasion is not lost on Navy Capt. Scot Searles, program manager of the Unmanned Maritime Systems (PMS 406) program office.

“The integration of autonomous USVs with manned combatants will give fleet commanders much-needed enhancements to maritime domain awareness, thereby increasing decision speed and lethality in surface warfare,” Searles said.

PMS 406, the office responsible for the participating RIMPAC prototypes, is a program office within the Program Executive Office, Unmanned and Small Combatants (PEO USC).

“While our prototyping efforts have grown and matured significantly in the last four years, their performance in the RIMPAC exercise marks another significant milestone in manned-unmanned teams,” Searles said.

The manned-unmanned team, in the case of RIMPAC, included service members and civilians supporting the mission from various organizations all over the country.

The PMS 406 assets participating in RIMPAC are the Overlord Unmanned Surface Vehicles called Nomad and Ranger and the Medium Unmanned Surface Vehicles called Sea Hunter and Seahawk. Though primarily operated and maintained under the control of PMS 406, personnel from Unmanned Surface Vessel Division One within Surface Development Squadron One control much of the practical execution.

Brian Fitzpatrick, PMS 406 principal assistant program manager for Unmanned Surface Vessels, said, “RIMPAC is an incredible opportunity to not only show that we can develop these vessels, but we’re also showing the Navy’s commitment to unmanned and manned teams.”

RIMPAC is the largest joint maritime exercise in the world. Lasting over five weeks and spanning massive areas in the Pacific Ocean, the exercise included hundreds of ships, submarines and aircraft—along with over 25,000 personnel.

Twenty-six nations, 38 ships, three submarines, more than 170 aircraft and 25,000 personnel participated in RIMPAC from June 29 to Aug. 4 in and around the Hawaiian Islands and Southern California. The world’s largest international maritime exercise, RIMPAC provided a unique training opportunity while fostering and sustaining cooperative relationships among participants critical to ensuring the safety of sea lanes and security on the world’s oceans. RIMPAC 2022 is the 28th exercise in the series that began in 1971.



RANGER



SEA HUNTER



NOMAD



SEA HAWK

“While our prototyping efforts have grown and matured significantly in the last four years, their performance in the RIMPAC exercise marks another significant milestone in manned-unmanned teams.”

- Capt. Scot Searles, program manager of UMS

(Photos by MCC Shannon Renfroe and MC1 Tyler Fraser)

FACES OF RIMPAC

STRENGTHENING PARTNERSHIPS

CAPABLE, ADAPTIVE PARTNERS

A campaign about diverse views from RIMPAC participants from different nations.



Chief Petty Officer Carlos Cortez
CNS *Almirante Lynch (FF 07)*

"I'm very proud to represent my navy and my country in this exercise. This is my second RIMPAC. I was here in the same unit in 2018. I'm excited to show that we are trained at the same level like other navies."



Lt. Adrian
FS *Prairial (F731)*

"It is the first time I am participating in RIMPAC to represent France here in RIMPAC this year. We are the only French ship participating and involved in this exercise. For me, it's very good and I'm very proud of it."



Lt. Tomisawa Sakahito
JMSDF *JS Izumo (DDH 183)*

"I am honored to serve as one of the representatives of our country. I believe that through this kind of exercise, RIMPAC will demonstrate every participating country has the capability to respond to any situation and have adaptive partnerships."



Lt. Cmdr. Ahmad Zarrig Ramli
Royal Malaysian Navy *KD Lekir (F-26)*

"This is the largest premiere exercise in the world, so I think it's a good motto to have this year at RIMPAC - capable, adaptive, and partners. To be with a capable navy especially the hosting nation, it gives a lot of impact to us."



Cpl. Alberto Emmanuel Reyna Baltazar and Lt. j.g. Constanza Kuk
ARM *Benito Juarez (F-101)*

"I feel very proud to represent my country. RIMPAC 2022 will help the navigation division aboard to better our experience and learn different areas of operation for this ship."



Able Seaman Sharni Simpson
Royal Australian Navy

"As it is my first overseas deployment, it feels pretty amazing representing my country on RIMPAC. I've been able to see what it's like to be a part of a multinational exercise."



Cmdr. Irvin Ian M. Robles
BRP *Antonio Luna (FF 151)*

"RIMPAC offers an avenue for us to test most of our new systems on board so that we could further improve and develop as an organization. It's an honor to represent the country, especially in one of the biggest exercises in the world."



Sailor 1st Class Shelby Soderstron
HMCS *Winnipeg (FFH 338)*

"I'm excited for RIMPAC because it is my first time doing it and I'm excited to work with all the other nations. This is a chance for Canada to prove that we are capable and adaptive in any situation, and a chance to work with our partners and allies."



Cmdr. Javier Loaiza
Colombian Navy

"This is my second RIMPAC, the first one was in 2018. To me, RIMPAC is a great and an excellent opportunity to get new knowledge, to meet other countries, and to interoperate."



HONORING THE PAST



HAPPY 232nd BIRTHDAY US COAST GUARD

SHAPING THE FUTURE

#232SEMPERPARATUS

#TOMORROWLOOKSDIFFERENT

#greatlifehawaii

A quick guide to what's going on with MWR, CYP and MFSC.

Scan our QR codes!

Arts & Crafts Center
See the full calendar of classes.




Liberty Program
See this month's Liberty activities calendar.



Outdoor Recreation
Need some gear for your next adventure? Check out our rentals here!



Makai Recreation Center
See our full list of classes here.



Military & Family Support Center
See our full list of classes here.




Arts & Crafts

Monthly Craft Fair
August 20 | 9a.m.–2p.m.
Every third Saturday at the Hickam Arts & Crafts Center. Shop handmade products and find something special!

Everything Food & Drink

Friday Rooftop Pau Hana at Wright Brothers Cafe & Grille
Fridays, 4–8p.m.
Enjoy drinks and a limited pau hana menu while watching the sun set at our open-air rooftop lounge.

DJ Bingo at Tradewinds
Saturdays, 7p.m.
Test your song knowledge & win prizes!

DJ Trivia at Tradewinds
Tuesdays, 7p.m.
Think you know it all? Prove it at Trivia night!

Liberty Programs

Hike, Discover, Explore!
Liberty is getting you out of that chair and moving outside with hikes almost every weekend in August. Make the most of your time in Hawaii and join Liberty on adventures around the island.

Outdoor Recreation

MWR Recreational Equipment Rental
MWR Recreational Equipment Rental is your one stop shop for all your party and outdoor recreation equipment! Among the items MWR offers are bounce houses, patio chairs and umbrellas, coolers, grills, cotton candy and popcorn machines, and more!



Makai Recreation Center

Brazilian Jiu-Jitsu
Tuesdays & Thursdays (Youth) | 5:30p.m.
Tuesdays & Thursdays (Adult) | 6:30p.m.
Learn a complete grappling system, using clinches, takedowns, ground transitions and submissions for competition or self defense. Try a FREE class with coach Tyler BJJ Black Belt! Email vma.vmahia@gmail.com for more information or to sign up!

MFSC

Halfway through the year, a good time to recommit to something new! Classes available in financial planning, personal development, relocation, transition & employment. To register or check out the available class listings at jbphh.greatlifehawaii.com/support/military-family-support-center/mfsc-class-schedule-registration.



STAY CONNECTED AND FOLLOW US ONLINE!

@GreatLifeHawaii | GreatLifeHawaii.com



Visit <https://jbphh.greatlifehawaii.com/summer> to see all the fun events MWR has lined up for you and your family this season. There's still some summer left, so join us at these events/activities.

Aug. 1–31 Kids Bowl Free Summer. Monday through Thursday from 1–4p.m. at Hickam Bowling Center. Kids 12 years and younger get one FREE game of bowling with each paid adult game. Shoe rental for the child is included. Limit one free child game per paid adult game.

Aug. 1–31 Teens Bowl Free. 5–7p.m. on Mondays and Wednesdays at Hickam Bowling Center and Wednesdays and Thursdays at Pier Side Bowling Center. Youth ages 13–19 get one FREE game of bowling during these times. Limit one free game per day. Shoe rental not included.

Aug. 13 CYP Hiring Fair. 10a.m.–2p.m. at Peltier Child Development Center. Love children? Looking for a career that travels with you? Visit us at the Hiring Fair! All positions start at \$15 & earn up to \$2000 in new hire incentives!

#greatlifehawaii

A quick guide to what's going on with MWR, CYP and MFSC.

AUG. 18 BBQ WITH MOE CASON

Presented by AFE

Silver Dolphin Bistro hosts a BBQ with special guest BBQ Pit Masters celebrity chef Moe Cason! 11a.m.–12:30p.m.



AUG. 20 JBPHH HALF MARATHON

Challenge yourself to finish this 13.1 mile course right on the Hickam side of the base. Register online at active.com. Cost is \$45 until Aug. 5, then prices go up after that, so sign up now!



PHOTO OF THE MONTH

Celebrate World Photo Day (Aug. 19)
The military life can mean adventures far from your hometown. Share photos of time you spent around the world on Aug. 19. Tag us @greatlifehawaii

BASE jumping from Angel Falls, Venezuela, the tallest waterfall in the world.
Photo credit: Lara Katine

THIS MONTH'S EXTRA:

CELEBRATE THE DOG DAYS OF SUMMER

No holidays this month...need an excuse to celebrate? Here are some fun observances in August, for every week!

- Aug. 5 International Beer Day
- Aug. 6 Root Beer Float Day
- Aug. 8 National Cat Day
- Aug. 10 National S'mores Day
- Aug. 16 National Tell a Joke Day
- Aug. 26 National Dog Day
- Aug. 31 Eat Outside Day



More to see on the other side! ▶





14TH ANNUAL JOINT BASE PEARL HARBOR HICKAM HALF MARATHON

Saturday, August 20, 2022

START AND FINISH AT HICKAM TRACK | CHECK IN: 4:30AM | EVENT BEGINS AT 5:30AM

Challenge yourself at this annual event! Runners, walkers and strollers are allowed to participate.

MUST HAVE BASE ACCESS!

REGISTRATION:

Entry fee is \$45 (includes t-shirt). Register in person at Hickam Memorial Fitness Center or register online at active.com. Race Day Registration starts at 4:30am (bring completed entry form). No t-shirts for Race Day registration and NO REFUNDS. Run limited to the first 800 participants.

AWARDS:

Prizes will be awarded to the top 3 finishers in each category: Overall Male & Female, Active Duty Male & Female, Male & Female Stroller and Male and Female age categories - Youth (17 and younger), 18-29, 30-39, 40-49, 50-59 and 60+.

PACKET PICK UP AT HICKAM MEMORIAL FITNESS CENTER:

Pick up at Hickam Memorial Fitness Center on August 12 from Noon-5pm & August 13 from 8am-Noon

COURSE:

Route is flat and fast. Run will start and finish at the Earhart Track. Race across Hickam Field and see the original buildings, scarred with bullet holes that remind us of a time never to be forgotten. Known as the Garden City, you will also appreciate the unique botanical and architectural landscape of this Pacific treasure.

FREE PARKING:

Parking is available in the open lot near Memorial Movie Theatre. Limited parking is available across from the Earhart Track (look for parking directional signs).

ADDITIONAL INFORMATION:

Entry form, waiver, and map are available at the Hickam Memorial Fitness Center or online at www.greatlifehawaii.com. Or simply register using Active.com.

For more information, call 448-2214

OFFICIAL ENTRY FORM PLEASE USE INK, PRINT CLEARLY AND FILL OUT ENTIRE FORM. WWW.GREATLIFEHAWAII.COM

GENERAL INFORMATION

Sex: M F Date of Birth: _____ Age (on race day): _____

Full Name (Last, First): _____

Mailing Address/City/State/ZIP: _____

Phone (day/evening): _____

Shirt size: S M L XL XXL (additional \$5.00)

Stroller Active Duty

E-mail Address: _____

Branch of Service and Rank: _____

EMERGENCY CONTACT

Full Name (Last, First): _____

Relationship: _____ Phone (day/evening): _____

Home address/City/State/ZIP: _____

REGISTRATION FEE

To register, visit the Hickam Memorial Fitness Center or submit the non-refundable registration fee with this registration form to the address below.

\$45: June 15 - August 5 (includes t-shirt)

\$55: August 6 - August 18

\$65: Race Day Registration (No T-shirt, CASH ONLY)

PAYMENT METHOD

1. In Person at Hickam Memorial Fitness Center
2. Online at <https://www.active.com/honolulu-hi/running/distance-running-races/14th-annual-jbphh-half-marathon-2022>



ONLINE REGISTRATION CLOSES ON AUGUST 6, 2022 AT MIDNIGHT.

ALL PARTICIPANTS MUST READ AND SIGN THIS WAIVER: In consideration of my participation, I, the undersigned hereby waive any and all claim for myself, my heirs, executors and administrators against the U.S. Air Force and NAF officials of the Joint Base Pearl Harbor-Hickam Half Marathon for any illness or injury, which may directly or indirectly result from participation to include ordinary negligence, actions or omissions of any agent, official participant or spectator of this event. I grant full permission for the free use of my name and any pictures or any record of this event for any purpose whatsoever. I further state that I am in proper physical condition to participate in this event. I affirm that I am of legal age and am freely signing this agreement. By signing below, I state that I read this form and fully understand this release for all claims, and agree to be bound by the provisions of this contract.

I HEREBY CERTIFY THAT I AM 18 (EIGHTEEN) YEARS OF AGE OR OLDER. I HAVE READ THIS DOCUMENT AND I UNDERSTAND ITS CONTENTS.

All participants must sign here: _____ Date: _____

Signature of parent or guardian if participant is under age of 18: _____ Date: _____

14th Annual Joint Base Pearl Harbor-Hickam Half Marathon - Saturday, August 20, 2022