

THE KWAJALEIN HOURGLASS



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DANCERS FROM EBEYE PERFORM AT THE USAG-KA MANIT DAY CELEBRATION SEPT. 28 AT KWAJALEIN'S MARSHALLESE CULTURAL CENTER.

 JESSICA DAMBRUCH



📷 COURTESY PHOTO

Dan Farnham, center, and fellow members of the Kwajalein MIA Project, address attendees at a Vet’s Hall fundraiser Sept. 21.

KWAJALEIN MIA PROJECT RAISES \$30K TO SUPPORT SEARCH

BY JESSICA DAMBRUCH

What started as a music jam turned into a windfall for the Kwajalein MIA Project. “We thought we’d make maybe a few thousand dollars,” said Kwajalein resident Tim Roberge, of a recent KMP fundraiser event. Members of the Kwajalein community gathered at the Vet’s Hall for an evening of live music and raffles. Many contributed donated gift items for a live auction at the first large event at the Vet’s Hall since 2018.

Roberge may have underestimated Kwajalein’s desire to support a good cause. At the night’s end, the community had raised \$30,000 in support of KMP’s mission to recover servicemembers missing in the waters of Kwajalein Lagoon.

The outpouring of support was overwhelming, said KMP founder and director Dan Farnham. The last large fundraiser the organization performed brought in \$13,500 in 2015, shortly after the group was organized.

“[This] exceeded our wildest dreams,” said Farnham.

Per the original plan for the evening, Kwaj musicians from Kwajalein and Roi jammed to entertain event-goers. In between sets there was fierce competition for an array of items.

Among the items donated were sunset sailboat rides, luxury gifts, home-cooked meals for groups of friends and décor items. An original ink print painting of an octopus by island resident Grant Day went for more than \$5,000.

The KMP is a local non-governmental volunteer organization comprised of historians, scuba divers and researchers with expert knowledge of archaeology, aviation and explosive ordnance disposal in the search for missing U.S. servicemembers lost in WWII-era aviation incidents in the Marshall Islands. Over the

years, they have grown to now directly support the Defense POW/MIA Accounting Agency.

The KMP project began in August 2011 as the Kingfisher project, as team members searched for an OS2N -1 “Kingfisher” scout plane. The project was formalized under the American Legion Post 44 in March 2015, then expanded its search to include all MIA-related losses in the Kwajalein lagoon.

It feels good to be able to support the effort, said Roberge, a longtime member and event auctioneer.

“We didn’t even do very much to make this come together,” said event coordinator Christa Wingfield. “We had only a few days. People brought their own beverages. We didn’t serve food. We just provided everyone the opportunity to come together and support a good cause.”

“The MIA Project gets back to why we are here in the first place,” added Roberge. “WWII and the mission are why

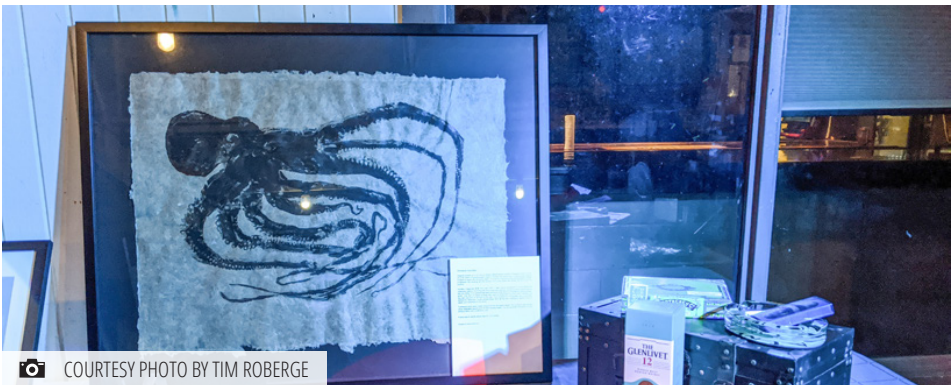
we are here.”

According to the MIA Project website, 85 percent of funds raised through fundraising activities go to support research endeavors for the project. The fundraiser funds will assuredly bolster the project in its efforts in the months to come.

Farnham thanked all of the volunteers who helped make the event happen.

“It takes a big team to make an effort like this MIA project work,” he said. “The KMP team could not be out there doing what we’re doing without the support of the entire community. It truly is one big team effort. Of the nine MIA-related aircraft that went down in the lagoon during WWII, we have found four. And it’s because of support like this from each of you and the rest of the community that we are still able to drive forward to find the remaining five aircraft. And we will. It’s not a question of if; it’s only a matter of when. Again, because of you and the rest of the Kwaj and Roi community and beyond.”

For more information about the Kwajalein MIA Project, please visit <https://kwajaleinmiaproject.us/>.



📷 COURTESY PHOTO BY TIM ROBERGE

The fabled octopus painting: This original work by Kwaj resident Grant Day was sold at the live auction for more than \$5,000. The painting is an example of gyotaku, a traditional Japanese art form whereby an extraordinary catch is documented with a sumi ink print made on rice paper.

THE KWAJALEIN HOURGLASS

The Kwajalein Hourglass is named for the insignia of the U.S. Army’s 7th Infantry Division, which liberated the island from the forces of Imperial Japan on Feb. 4, 1944. The Kwajalein Hourglass is an authorized publication for military personnel, federal employees, contractor workers and their families assigned to U.S. Army Garrison-Kwajalein Atoll.

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EMBASSY TEAM SHOWS SUPPORT

Personnel from U.S. Embassy Majuro show their support to end violence against women after participating in an awareness march by Women United Together Marshall Islands last week. From left: U.S. Embassy Majuro Consular Officer Dewey Moore, U.S. Ambassador to the Republic of the Marshall Islands Roxanne Cabral and U.S. Department of the Interior Grants Specialist Fred Nysta.

WUTMI is a non-governmental organization based in the Republic of the Marshall Islands focused on solutions to issues such as alcohol, substance and child abuse, gender violence, disaster and risk management. Members come from 22 different islands, according to WUTMI.com, giving the organization a particularly large regional presence.



U.S. EMBASSY MAJURO PHOTO



U.S. ARMY PHOTO BY JESSICA DAMBRUCH

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USAG-KA NEWS



U.S. ARMY PHOTO BY MIKE BRANTLEY, USAG-KA PAO

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1) Former USAG-KA Commander Col. James DeOre, left, is joined by Debbie DeOre, Tamika and Kennedy Gaskins, and Command Sgt. Maj. Kenyatta Gaskins at the Assumption of Responsibility Ceremony Oct. 5, 2018 at the Corlett Recreation Center. 2) USAG-KA Commander Col. Jeremy Bartel, left, awards Command Sgt. Maj. Kenyatta Gaskins the Legion of Merit award in recognition of his service on Kwajalein as the garrison's senior enlisted advisor.

BY JESSICA DAMBRUCH

U.S. Army Garrison-Kwajalein Atoll bids farewell and best wishes to the Gaskins family as they complete their tour of duty on island. Gaskins departs next week for his next assignment at the Pentagon in Washington, D.C. Command Sgt. Maj. Kenyatta Gas-

kins arrived on Kwajalein in September 2018 with his wife, Tamika and daughter, Kennedy. Upon beginning his tour, he said he was eager to support the U.S. Army mission and eager to meet and work with the citizens of the Republic of the Marshall Islands. Looking back on his tour at the September Kwajalein Town Hall, Gaskins

thanked the community. "At this point in my career, this is where I needed to be," said Gaskins. "Thanks, all of you." In Marshallese, "Jeramon nom Kom" means "best wishes to you all." Kwajalein thanks the Gaskins family for their friendship and guidance during their time on island.



KWAJALEIN CELEBRATES MANIT DAY

BY JESSICA DAMBRUCH

Kwajalein residents gathered for a fun-filled afternoon and chance to learn about Marshallese culture on USAG-KA Mani Day, Sept. 28.

The event was a combination of volunteer efforts across Kwajalein Atoll. The Marshallese Cultural Society, Kwajalein Yokwe Yuk Women's Club, members of the Island Memorial Chapel and community members from USAG-KA assisted in hosting guests from Ebeye and Ennubirr. USAG-KA MWR provided tents for shade and relaxation as guests arrived to enjoy activities throughout the afternoon.

The event began with a welcome address by U.S. Army Garrison-Kwajalein Atoll Host Nation Director Maj. Daniel

Young, MCS President Grant Day and Iroi Laplap Kotak Loeak. Next, attendees headed to the Marshallese Cultural Center lawn for the unearthing of the day's main course.

A savory scent drifted through the air as Barment Edwin, Thompson Tarwoj, Helbert Alfred and Labtak Langrus lifted the hot, baked leaves that covered the community meal. Together with Ennubirr volunteers, the men spent the morning preparing a main course of earth-roasted pork to accompany traditionally prepared seafood, like woor, or Marshallese lobster, coconut dishes, breadfruit and pandanus.

While they enjoyed their meal, attendees checked out traditional Marshallese cultural arts. A team of coconut huskers sliced the tops off the fruit and served re-

freshing coconut water under the large kamani tree. Nearby under a shade tent, shell wuuts, or crowns, and jewelry were available for sale along with large baskets woven by visiting artisans from Ebeye. The weaving team even helped a few Kwaj residents learn how to make simple woven objects.

Throughout the afternoon, attendees enjoyed live musical performances by the Mon La Mike Band. The musicians also provided tunes to accompany guest dance performances.

Wearing brightly colored traditional dress in colors representative of their respective islands, each group of dancers raised the bar for the next performance.

Marshallese Ri'Katak students from Kwajalein High School performed their



U.S. ARMY PHOTO BY JESSICA DAMBRUCH

Dancers from Ennubirr perform at the Mani Day event on U.S. Army Garrison-Kwajalein Atoll Sept. 28 at the Marshallese Cultural Center. This year's event was organized by USAG-KA Command, the Liaison Office for the Republic of the Marshall Islands and the Marshallese Cultural Society.

annual dance number in blue and white attire. Ebeye's Kwoj Bok Non Won wore green and blue. Ebeye's Wokak, Wokelok, Iekolok, a men's group, picked up the pace with a stick dance. Last but not least, wearing fiery red and yellow, the Ennubirr Dance Group finished the day with three dance numbers.

On behalf of USAG-KA Command, Young thanked the many volunteers who facilitated the event and was grateful to Ennubirr and the RMI Liaison Lanny Kabua for his insight into preparing the event.

Planning began months ago, and while Mani Day included favorite annual activities, Ennubirr's contributions and presence made the community celebration whole.

"I don't know if many people know this, but Ennubirr is the third most populated island in the Marshall Islands," said Young, following the event. "We were so pleased they could be a part of our celebration."

USAG-KA RMI Relations Specialist Mike Sakaio said another major difference was in the event's timing. The celebration began later in the day to avoid the heat.

"We shifted [the event] from noon to later in the afternoon and evening," said Sakaio. "We welcomed the Ennubirr community's large presence and their participation. We are grateful to the people that made [Mani Day] successful. USAG-KA would particularly like to thank Irojilaplap Kotak Loeak,

Irojilaplap and Senator Michael Kabua and RMI Liaison Lanny Kabua for organizing the efforts of everyone from Ennubirr, Ebeye and the outer islands. The incredible participation of the people of Ennubirr made this year's Mani Day celebration extra special. They prepared the delicious food, going all out, and showcased traditional dancers and weavers. They were amazing."

Following the event, USAG-KA Commander Col. Jeremy Bartel thanked the organizers, volunteers and participants for the Mani Day Celebration.

"I especially thank our Marshallese friends and neighbors for sharing their culture and friendship with the USAG-KA community," said Bartel. "It was an unforgettable experience."



1) This wasn't just another Mani Monday: Litokne Kabua, left, and Anta James Kabua prepare to sample traditional Marshallese foods. 2) Ebeye dance group Kwoj Bok Non Won performs at Mani Day. 3) This plate is loaded with sliced, baked breadfruit, pandanus, a whole baked crab and much more. 4) Palm frond weaving continued through the afternoon. These young, green fronds will continue drying to make a sturdy basket. 5) Bed Shamory jams out with the Mon La Mike Band. 6) Pictured here, Kye Lorok and fellow members of Ebeye's Wajjej Wokkok lokolok perform a stick dance at Mani Day. You might also know them as WWI.



1) First time USAG-KA Mani Day attendees Iroijlaplap Kotak Loeak, chairman of the Council of Iroij, and his wife, Batty Loeak, watch dance performances in the shade of a tent at the Marshallese Cultural Center. 2) Anne-Francois Hisle, right, learns how to weave palm fronds with Ebeye weavers. 3) Grant Day, left, president of the Marshallese Cultural Society, and USAG-KA Host Nation Director Maj. Daniel Young, right, welcome attendees to the ceremony. 4). A local chef checks out the slow-roasted pork at the beginning of the ceremony. 5) Lana Kabua, left, and fellow Ri'Katak student dancers are the first to perform on Mani Day.



PHOTO BY TERENCE CANTARELLA, CIRCA 1961

ORIGINS OF PACIFIC MISSILE RANGE FACILITY, KWAJALEIN

Tracking The Past is a series that explores the singular history of Kwajalein Atoll, the historical saga of American anti-ballistic missile defense and other aerospace and strategic odds and ends.

BY JORDAN VINSON

Through the late 1950s, fear of nuclear attack in the Cold War universally manifested itself in a strong defense against long-range strategic bombers able to fly across the Arctic and drop nuclear weapons on cities and military and industrial centers. By the early 1950s, in a pitched aerospace development battle, both the U.S. and USSR were producing planes capable of flying faster and higher, increasingly out of reach of traditional anti-aircraft defenses.

To defend against Soviet 3M, Tu-95 and Tu-4 bombers, the U.S. Army called on Bell Labs, then an unchallenged juggernaut in the industrial laboratory and military contracting field, to develop the first anti-aircraft missile, the Nike Ajax system.

Through the 1950s and 1960s, more than 300 Nike Ajax batteries would be built around cities like Philadelphia, Chicago, Los Angeles and Washington, with more than 14,000 Ajax missiles on the ready to take down Soviet bombers daring to leap over the pole and strike American targets.

Likewise, to defend against America's growing fleets of B-47s and B-52s, the Soviets developed the S-25 system, featuring its V-300 surface-to-air missile, ready to strike down any U.S. sorties venturing too close to Moscow.

As this aerospace race continued, both the Soviets and Americans began development of even faster bombers capable of flying at supersonic speeds and at even higher altitudes. How could the U.S. defend against Soviet M-50 Bounders and Tu-22 Blinders ripping over American airspace at 750 mph and at altitudes surpassing 50,000 feet?

The answer came in the form of an even faster Ajax missile outfitted with a W-31 nuclear warhead, which would greatly increase the "miss distance" between the defensive missile warhead and a targeted supersonic jet bomber, in addition to taking out several bombers flying in tight formation. The idea was akin to using a boosted fission nuclear bomb as buckshot to dramatically increase the warhead's kill radius and overall lethali-

ty: killing two birds with one stone.

Thus, the Nike-B program, also known as the Nike Hercules anti-aircraft system, was born, again from design bureaus at Bell Labs, Douglas Aircraft Company and Western Electric. Through the mid-1960s, Hercules missiles armed with 20 kiloton nuclear warheads would be installed alongside upgraded radars and Ajax missiles at more than 300 Nike batteries emplaced at city outskirts, remote farmlands and strategic hilltops throughout the United States. Some Nike Hercules batteries would even go overseas to bases in friendly nations like Italy, Korea, Germany and Spain.

However, even before the first Hercules missiles rolled out of Douglas Aircraft's factories in Santa Monica, California, new threats arose: long-range offensive ballistic missiles armed with high-yield nuclear weapons.

While the Air Force had made progress on the Atlas intercontinental ballistic missile program by the mid-1950s, the Soviets' Central Design Bureau of Experimental Machine Building had also made progress on their R-7 Semyorka, a behemoth ICBM designed to carry a heavy thermonuclear warhead to its target thousands of miles away. By 1957, the Air Force was test launching Atlas missiles from Cape Canaveral, while the Soviet Strategic Rocket Forces was performing a series of 12 R-7 launches from the Baikonur Cosmodrome in southern Kazakhstan. One of those launches made history.

On Oct. 4, 1957, the Soviets launched the Sputnik I satellite into orbit aboard a modified R-7, catching the world by surprise and creating a Pearl Harbor effect on public opinion: America was losing the space race.

To the Eisenhower administration and the Department of Defense, however, the Soviets' advances in rocketry posed a much more serious existential threat.

By the mid-1950s, American leaders knew the USSR would soon reach a point in the near future in which R-7s, along with other, increasingly sophisticated ICBMs, could launch off pads in Central Asia, heave warheads through space over the Arctic and drop them on American cities at atmospheric re-entry speeds of 14,000 mph. While long-range Soviet strategic bombers were still a considerable threat, defended against to some degree by the Nike Hercules an-

ti-aircraft batteries emplaced throughout the country, there was no defense against nuclear-armed long-range missiles.

Anticipating the ICBM threat, the Army Ordnance Missile Defense Command at Redstone Arsenal, Alabama had in March 1955 asked Bell Labs to do an 18-month study into the viability of developing a nuclear-armed missile that could be launched toward an incoming ICBM warhead, intercept it at a point in space and destroy the enemy warhead via the defensive warhead's nuclear blast.

It would be a monumental challenge, with many scientists in various government agencies and institutions opposing the basic grounds of the problem, stating it would be impossible to intercept a target traveling at 4.5 miles per second even with the aid of a nuclear blast radius. However, after performing 50,000 intercept simulations on equipment used to validate Nike Ajax and Nike Hercules, Bell Labs scientists concluded it was possible, even with technology of the day, to perform missile intercepts. The Army agreed.

So too had the Soviets. Four years before Western Electric received the contract to design and build out a prototype anti-ballistic missile system, the USSR's top government scientists had gathered in Moscow in September 1953 to debate the merits of pursuing a program to attempt to intercept and kill incoming American Atlas ICBMs. The proposal didn't go without serious opposition. Alexander Mints, a respected physicist who directed Russia's Radiotechnical Laboratory said the idea "is such a stupidity as shooting an [artillery] projectile at another projectile. ... The proposal cannot be technically implemented ... and this should be the answer to an illiterate proposal of 'military dreamers.'"

There were believers in the room, of course. Grigori Kisun'ko, a brilliant physicist with the famed Special Bureau-1, countered: "Americans are developing missile weapons of various types. Missile warheads will become targets in the not-far-distant future." The Communist Party of the Soviet Union Central Committee agreed, and soon Kisun'ko would have 1,000 personnel working for him, the new chief designer for Soviet missile defense. They would in 1958 head to the Betpak Dala desert along Lake Balkash in Kazakhstan, where a workforce had been furiously building up the infrastructure for a new missile test range named Saryshagan—what one could reasonably call the Soviet sister to Kwajalein.

On Aug. 22, 1957, a U-2 pilot on a reconnaissance mission through the region took the first images of the developing test range at Saryshagan, but it would be some time before the Americans could accurately conclude what was afoot. Meanwhile, the Americans had their own anti-ballistic missile system to develop.

The Army contracted Bell Labs and Western Electric in February 1957 to take the lead and build on the technology developed for Nike Hercules. This new system, dubbed Nike Zeus, would consist of a suite of new radars including the Zeus Acquisition Radar, the Discrimination Radar, target track radars, as well as a command and control center, intercept calculation computer and, of

course, the interceptor missile. The Zeus interceptor would be a 50-foot-long, three-stage missile capable of carrying a W71 5-kiloton warhead 120 miles into space. It would be years before the first Nike Zeus would first test fly.

While the Army had approved of the prototype designs engineered by Bell Labs, Western Electric, RCA, Goodyear Aircraft Company and many more, the teams needed a place to pull the prototype from the drawing board into reality.

This was a problem. White Sands Missile Range in New Mexico, where Nike Ajax and Hercules missiles and radars were extensively tested, could be used to test some elements of Nike Zeus system. But its 100,000-foot flight ceiling would prohibit full testing of the Zeus missile, let alone allow for ICBM re-entries for intercept testing.

The Naval Test Range at Point Mugu, California was another option but couldn't be used long-term. Lacking a suitable test bed, Nike Zeus progress stalled until late 1957, after American Atlas and Soviet R-7 ICBMs had begun launching into space.

The Sputnik event and the Americans' fear of losing the space race, however spurred the National Security Council in February 1958 to release Directive 5802/1, U.S. Policy of Continental Defense. The directive recognized the need for a missile defense system in the United States and serious research and development into ABM technology. In turn, the search for "Site X," a site to build out the Nike Zeus concept, intensified.

In early 1958, Western Electric, Bell Labs and Army planners explored options adjacent to the Eastern Test Range southeast of Cape Canaveral. But none of the options—Antigua, Barbuda or Ascension Island—were U.S. possessions; testing, moreover, could have been politically troubling. Attention then turned to the Pacific, with planners studying charts, maps and photographs of the many archipelagos enveloped by the Ring of Fire. Kwajalein Atoll, in the heart of the western chain of the Marshall Islands, caught the team's eye and would quickly become an attractive option for building out a Nike Zeus test bed.

There was a lot to like about the atoll, and Kwajalein Island, on the atoll's southern fringe, in particular. The U.S. Navy had operated and maintained Naval Station Kwajalein since wresting the Marshall Islands from Japanese control in early 1944 and had used it as a crucial logistics hub for the nuclear testing operations at Bikini and Enewetak Atolls in the northern Marshall Islands.

As part of the Pacific Proving Grounds, Kwajalein and personnel on the island supported 67 nuclear tests between 1946 and 1958. And as a logistics hub, Kwajalein came equipped with the critical infrastructure needed by the Army. Its deep-water harbor, built by the Japanese could handle large ships. Its long runway, started by the Japanese and finished by the Navy Seabees, could handle large, long-range planes, many of which stopped at Kwajalein for refueling en route to Korea and Japan. The Seabees had also recently built hundreds of new family units, today known as the old Navy housing, in addition to the island's



1) The Goodyear Aircraft Company constructed the Nike Zeus program's Zeus Acquisition Radar Transmitter in the 1960-1962 time period. The building is now used as a dry goods warehouse. 2) On Oct. 5, 1960, a Hawaiian Airlines DC-6 delivered the first wave of Bell Laboratories and Western Electric Company engineers, physicists, mathematicians, computer scientists and programmers, ready to embark on a new chapter of their lives with their dependents in Micronesia.

swimming pools, movie theaters, power generation facilities and shops.

Perhaps more important, though, was Kwajalein Atoll's position: At 4,800 miles from California, it was far enough away for the Air Force to test launch its maturing class of Atlas, and later Titan, ICBMs at a fully intercontinental-range target. If they established a Nike Zeus test bed at Kwajalein, Bell Labs and the Army Rocket and Guided Missile Agency could then test Nike Zeus against those same incoming ICBMs: a win-win scenario.

The Army Rocket and Guided Missile Agency's interest in the island actually came just in time to prevent the base's closure. With the final nuclear testing series in the Marshalls, Hardtack I, wrapping up in 1958, the Navy had planned to mothball Kwajalein. But on Feb. 12, 1959, with the recommendations of the Army, Bell Labs and Western Electric, the DOD approved the use of Kwajalein as a full-scale down-range test site for the Nike Zeus anti-ballistic missile system, with the Navy still in command of the base. Four months later, Congress appropriated the funding to build the Nike Zeus prototype test site, and soon the base's name would change to the Pacific Missile Range Facility, Kwajalein.

With "Site X" now set at the former Naval Station Kwajalein, Kwajalein Atoll quickly entered a dramatically new chapter in its history.

On Aug. 4 1959 a chartered Pan American DC-7 touched down on the runway at Kwajalein to deliver anxious project managers on island for the initial site inspection. Staff with the Army Rocket and Guided Missile Agency, along with managers from Bell Labs, Western Electric, Douglas Aircraft Company, quickly learned the island would need a serious infrastructure overhaul to make it suitable for the sophisticated test bed coming further down the road.

While the Army Corps of Engineers oversaw the start of a concerted build-out of the test range infrastructure in 1960, recruiters with Bell Labs and other contractors focused on ways to lure their physicists, engineers, mathematicians, computer scientists, programmers and technicians from their comfortable jobs in New Jersey. As they read the papers about the May 1, 1960 U-2 incident with pilot Francis Powers, these specialists had to decide whether to move themselves and their families to an ascetic flyspeck of coral in the middle of a place called Micronesia to eventually integrate and test an anti-missile missile system which no one truly knew would work.

Within two years, Kwajalein would evolve dramatically from sleepy naval base about to kick the can, to frenetic, sprawling construction site, to state-of-the-art missile and radar site pitted against mock warheads raining down from space.



KEEPING KWAJ CLEAN AT WASTEWATER PLANT

📷 U.S. ARMY PHOTOS BY JESSICA DAMBRUCH

Watch your step. This life preserver at the Kwajalein Wastewater Treatment Plant aeration tanks is part of the personal protective equipment used by plant technicians on the job.

KWAJALEIN HOURGLASS ARCHIVE

For the island that keeps on flushing, here again is a 2019 story by Jessica Dambruch about the gritty work behind the scenes to keep Kwajalein’s water clean.

If you have questions about what is and is not okay to flush, please contact the USAG-KA Safety Officer at 5-1442, or check in with JD Houchin at 5-1850 or Stan Jazwinski 5-1847.

Kwajalein is a busy place. On any given day, the island population is doing its business and flushing it in an untold number of toilets. Throughout island housing, residents are disposing of cooking grease and objects that shouldn’t be flushed after cooking dinner. All of that wastewater—and everything in it—has to go somewhere.

The current Kwajalein Wastewater Treatment Plant facility has been in operation since the 1980s. The plant crew treats the smelly, corrosive sewage and then discharges more than 400,000 gallons of clean, chlorinated and reclaimed water on average per day with the help of an intricate system of pumps. An estimated 80 percent of the garrison’s wastewater is conserved and reclaimed for reuse in the island’s toilets. The remaining 20 percent is safely discharged into the lagoon after thorough treatment to removal pollutants. What happens between each flush is pretty exciting news.

Some might think the wastewater treatment story ends with the flush of a Kwajalein toilet. The truth is, that flush is only the beginning.

James Houchin, wastewater plant supervisor, has agreed to give Kwajalein AFN a walk-through of the facility to explain how the treatment process works. He credits the team of longtime RMI employees who handle all aspects of the treatment process.

“These guys are knowledgeable, highly-trained guys who have completed advanced certifications and training in wastewater management,” says Houchin. “They are a great group and they work hard.”

Houchin made your next flush his business years ago. He served the U.S. Army as a military police officer and got his start in the wastewater business in Cincinnati. He has supervised municipal water treatment facilities in the U.S. and

package plants in Iraq and Djibouti. Each day, Houchin and the plant crew examine every angle of a treatment process few others want to see up close.

“A lot of people don’t want anything to do with wastewater,” Houchin says. “I’ve found a lot of people don’t want it high on their agenda. They want somebody else to do it.”

We begin our tour at the pump house. It is the epicenter of the island-wide pump system, where the island’s lift stations send their sewage. Inside, several mechanical pumps divert, receive and reroute wastewater on its journey through the treatment plant. Protecting these pumps is a priority, he says.

The water treatment plant crew is always on the lookout for things that may damage the pumps like dental floss, plastics, cleaning wipes and other culprits.

“Pumps in a larger facility can grind up solids and other obstructions,” he says. “On Kwajalein, that sort of material can bind up a pump and cause a backup of sewage.”

A not-unfamiliar smell permeates the air. We have reached the screening room on our tour of the wastewater plant. There is no escaping that odor. The plant is bordered by foliage and greenery. I focus on these as I take a deep breath and go inside.

The screening room is where things that should not be flushed make their grand appearance. An open top channel allows inspection of the pumped wastewater as it pours through metal screens. Each day the screens trap varied types of debris and solids. This material has to be removed manually with a rake.

Houchin points out a tray of large, pale chunks of congealed grease near the stream. The largest is the size of my fist.

Safety and sanitation are of the utmost importance at the plant.

“This is wastewater treatment,” said Houchin. “We wear gloves, we wash our hands and wear our personal protective equipment when we work.”

Plant employees are also trained to work in confined spaces for completing



1-2) Congealed grease is removed from the wastewater supply in the early phases of the treatment process. Removal of these materials, along with foreign bodies like cloth wipes, plastics and other non-soluble solids takes a keen eye and time. Ultimately, the removal process extends the life of the island’s water pumps.



work at the island's compact lift stations.

After screening, wastewater travels to the aeration tanks for a biological process with large blowers and diffusers, similar to a large fish aquarium.

I check out the bright yellow life preservers hanging along the aeration tank railings.

"Anyone ever fall in here?" I ask.

Houchin says no. I hang onto the railing anyway.

In the activated sludge process, microorganisms are mixed with wastewater. The microorganisms come in contact with biodegradable materials in the wastewater and consume them as food.

In the large aeration tanks, the water flows slowly and is fed a special blend of bacteria. If this part is hard to imagine, picture the trainer at a marine life waterpark tossing fish to an appreciative otter or seal lion. That's what's happening right now, except Houchin is tossing in the fish, and the fish is a biodegradable bag of what resembles cornmeal.

The microorganisms in the bag are specially chosen to munch on the organic bits of the sewage and clean the water. As they do, the sewage turns a deep, chocolate brown. Members of the plant crew analyze the contents of the tank using a microscope.

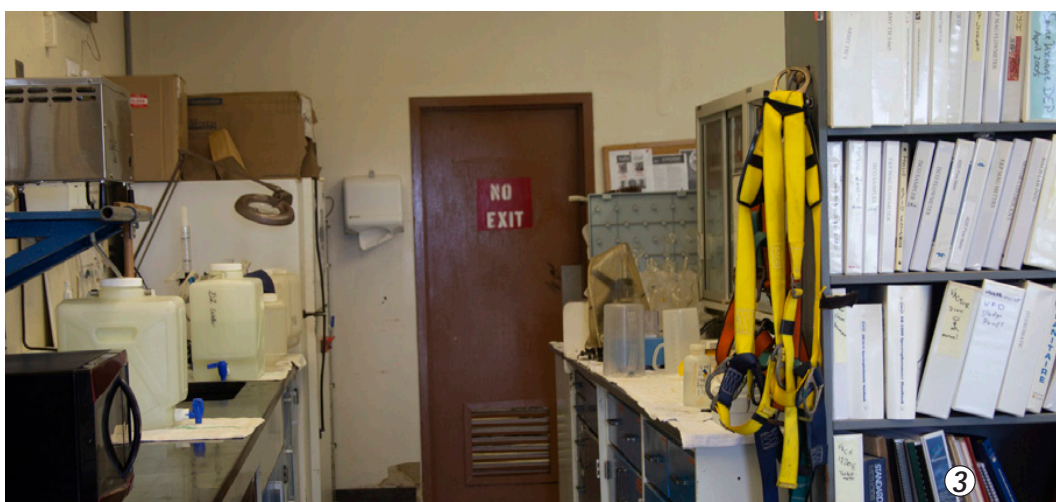
The ratio of these "bugs" to sewage is an important part of maintaining optimal biochemical oxygen demand during the wastewater treatment process.

A certain percentage of the sewage-hungry organisms can be retained in the aeration tanks for future use. Too many or too few bugs, and the treatment process will not work.

"We have to waste a certain amount of the bacteria, otherwise they'd keep growing and growing," said Houchin.

Then it's on to the two clarifier tanks where finer particulate settles with the aid of gravity and is removed.

We visit the lab, filled with ledgers of environmental guidelines and photos of the plant crew through time. This is



1-2) Plants find a home in the island's treated drying beds. 3) The Wastewater Treatment Plant Laboratory contains information on regulations and water safety standards used on Kwajalein.

where the science of testing happens.

"Our clean water standards are comparable to those regulated by the Environmental Protection Agency," he says. "Do you know who the first environmental president was?"

It was former President Richard Nixon, who in 1972 passed the forward-thinking Clean Water Act that did much to address wastewater management and reduced pollutant levels.

Lab testing is not the end of the treatment process. Following the activated sludge process, the water is disinfected with environmentally-safe chemicals and decanted into a purification system.

The remaining sludge is pumped into six outdoor drying beds of crushed, recycled glass.

Any water remaining will drain back to the treatment system through a lift station pump. The remaining, treated material resembles mud in a dry riverbed. It neither smells nor attracts pests. It's come a long way from the screening room. It will be raked up and deposited in the landfill.

We have arrived at a room filled with two very large filtering tanks.

In this room the water is filtered through sand media and disinfected using sodium hypochlorite made onsite from food-grade sea salt. Pollutants are removed in anthracite filter tanks.

It is at these filters that we get to see the water for the first time since the screening room. It is here that water will be tested to ensure it meets the Environmental Standards.

"We disinfected the water one time, and now we're going to disinfect it again," says Houchin. He decants water from a tank into a graduated cylinder and heads for the door. "We want this water to be super clean."

How do you tell the difference between clean and dirty water?

"Dirty water is dull looking," says Houchin.

It's not drinking water quality, but the sun beams through the clear water.

This is reuse water, suitable for Kwajalein's toilets. It's no longer brown. It is the cleanest it has been since it arrived at the plant for treatment. Today, it's the prettiest part of a long day's work.

One year after The Kwajalein Hourglass ran this story, island residents woke up to find notes from the Liquid Systems department posted on their doors. As a community, we hadn't learned our lesson. We had, in fact, tempted fate and the island's aging wastewater pump system yet again, and flushed a variety of items that should not be in the bowl.

"Many household products are labeled and marketed as disposable or flushable," read an earlier public safety notice.

"Many baby and adult personal hygiene products, along with household wipes and cleaning towelettes are labeled both disposable and flushable. While these products may be marketed as a convenience item in this way, the truth is that these types of items have the ability to clog and stop up not only the sewer line to your quarters, but also can cause blockage and service problems in your neighbor's sewer system and the island pump stations.

Unlike toilet paper, these products do not break down once they are flushed. They can cause blockages in your onsite sewer, especially older pipelines that may have grease, roots, or other obstructions already existing. A repair of the onsite sewer line can be very inconvenient to you and your neighbors and leave the government with a very costly sewer repair.

On a larger scale, when these products make their way into the island sewer system they collect together, causing very large obstructions and clogs in the main collector lines and get tangled in pump stations requiring repair or replacement of equipment.

Please do not discard any moist towelette or disinfectant pad for jewelry, pet care, cosmetics and First-Aid. Do not flush disposable diapers or diaper liners, cotton swabs, feminine hygiene products, dental floss or any consumer item that is not toilet paper."

PLANNING BIG WITH MWR

BY JESSICA DAMBRUCH

“Ex nihilo” is a latin phrase that means “something out of nothing.” It’s not an easy task, but creating “ex nihilo” is what MWR Event Coordinator Cynthia McKenzie does each day, as she designs, revises and builds plans for island events.

McKenzie counts herself lucky. The garrison community is still able to hold holiday and social activities while concerns about COVID-19 have forced cities around the world to alter and cancel plans. For an isolated garrison like US-AG-KA, MWR events are opportunities to build trust, community and friendships. These elements are vital to mission morale and mark the seasons.

In her line of work, McKenzie finds it useful to adopt a resourceful mindset amidst the challenges of Kwajalein’s unique supply chain. Sometimes she employs her treasure-hunting skills, too.

“I’ll be out driving with Thompson Tarwoj,” said McKenzie, “when, in the course of making deliveries, I’ll see an interesting piece of wood or scrap. I think, ‘I could turn that into something useful.’ I jump out to get it. Thompson looks at me like I’m crazy: ‘Mama, what are we going to do with that?’ he asks me. But I have a design in mind, and this piece will go somewhere.”

These random, repurposed objects, along with decorative stock, supplies and purchased ready-mades are deposited into one of three MWR event supply locations. Between coordinating events and sorting the stock, it’s taken McKenzie just over one year to complete a full inventory of the gear and décor on hand to make events come to life. Knowing what’s on hand means a cost-savings

and greater capacity for original event plans.

If you happen to cross paths with McKenzie during the winter holidays, chances are good you’ll find her with a paint brush in her hand, prepared to create scenes or props on plyboard and cardboard. Her knowledge of color mixing often comes in handy.

“Jeffrey Suis used to see me scraping the last of the paint out of several different containers, and chuckle,” she said. “I asked everyone to save their [leftover] paint. If you don’t have a color, you can’t have enough of another one to mix it.”

Over these past weeks, McKenzie has created large barrels to decorate Camp Hamilton for the Oct. 4 Oktoberfest. She places materials orders months in advance—and for good reason.

“My July stuff just came in,” McKenzie said, on a recent visit to a coworker’s desk. It’s September, but she is undeterred. She has already found uses for some of the summer swag.

“I do try to make sure the things we order are multi-use and can last us through multiple seasons,” she said.

When she’s not pitching in on event setup, McKenzie is teaming up. She explores design concepts with the MWR logistics team—also known as the “Guys, Guys”—to improve a design before they make it a reality.

“I love my team, and we get along great,” said McKenzie. She describes the logistics crew and their expertise as the clockworks that keeps MWR running. The team orchestrates the timely movement, setup and breakdown of the many pieces of equipment, furniture, linens and lights while handling jobs for other island departments.

Each year, MWR strives to raise the benchmark for success. Over the holidays, back-to-back events push team



energies to their limits, but they always come through, said McKenzie.

“Sometimes we have so many things going at once, I’ll ask them if we can do it,” said McKenzie, “but Thompson has been doing this for years. He always looks at me and says, ‘Mama, yes, we can.’”

With the holidays just around the corner, McKenzie is glad to help the MWR team support the community. As travel restrictions continue to impact the atoll, opportunities to meet and celebrate in person are more important than ever.

“It just gets better with time,” said McKenzie of coordinating island events. “It’s always a work in progress. I’m always envisioning what the Kwajalein MWR events team and I can do to help the island come together as a community. I focus on our task order goals and promote new ideas and opportunities to live, celebrate and work together as a team.”

Just this week, MWR has announced plans for Halloween events and issued a call for volunteers to participate in a two-day haunted house. Check out the classifieds section for events fliers.

JAPAN, RMI SIGN MAJURO RESERVOIR AGREEMENT

HOURLASS REPORT

Compiled by Jessica Dambruch

In a Sept. 17 ceremony attended by Republic of the Marshall Islands government officials, cabinet and staff members from the Embassy of Japan, Ambassador to the Republic of the Marshall Islands Norio Saito and RMI Minister of Foreign Affairs and Trade Casten Ned Nemra signed an exchange of notes to provide approximately \$16.7 million in grant aid for the Project for Improvement of the Water Reservoir at Majuro Atoll.

The Japan International Cooperation Agency, Ministry of Works, Infrastructure and Utilities and Majuro Water and Sewer Company will build a 15-mega-gallon rainwater reservoir near Majuro International Airport to increase the current catchment capacity to 51 mega-gallons.

The grant funding is the latest in a long, diplomatic relationship between the RMI established in 1988 by former and first RMI President Amata Kabua. The Japanese government hopes the project will bolster RMI resilience to natural disasters and “the serious threat posed by climate change,” according to



Foreign Minister Casten Nemra, third from left, and Japan Ambassador Norio Saito, fourth from left, signed an agreement in Majuro.

a recent statement, while prioritizing water security and strengthening the century-old relationship between the two countries.

On behalf of the government and people of Japan, Saito said he was grateful to be able to stand by Japan’s 2018

commitment at the 8th Pacific Leaders Meeting to contribute to build Pacific resiliency and sustainable development. Nemra and Saito expressed mutual appreciation and thanks with the desire to continue cordial diplomatic relations.

OVERVIEW OF U.S. FUNDING FOR PACIFIC HEALTH PROGRAMS

EXTERNAL REPORT

U.S. Department Of State Press Release

As the leader in global health and humanitarian response to COVID-19, the United States has acted swiftly to monitor, respond to, and mitigate the ongoing COVID-19 pandemic in Pacific Island countries.

The Department of State is closely coordinating with U.S. interagency partners including the Centers for Disease Control and Prevention, Department of Health and Human Services, U.S. Agency for International Development, Department of the Interior, Department of Defense and U.S. Indo-Pacific Command

While the U.S. response for the U.S. Freely Associated States—Federated States of Micronesia, Republic of the Marshall Islands and Palau—is based on our unique, historic and special relationships underpinned by our Compacts of Free Association, we will continue to support all the Pacific Island countries.

We are coordinating closely with Australia, New Zealand, Japan, Taiwan, the ROK, the Pacific Community, the Pacific Joint Incident Management Team based in Fiji and other like-minded partners on COVID-19 assistance to the Pacific.

We are also supporting the Pacific Islands Forum Pacific Humanitarian Pathway on COVID-19 through a \$5 million USAID contribution to the World Food Program's humanitarian air services to transport personnel and medical and humanitarian supplies to support Pacific governments' COVID-19 response.

Funding to Support the Pacific in Responding to COVID-19

To date, the U.S. government has provided more than \$130 million in funding to support the COVID-19 response in Pacific Island countries, including:

- \$24.1 million from USAID to the Pacific Islands region
- **\$3.5 million from USAID for Papua New Guinea, and more than \$103 million from a variety of federal agencies to the Federated States of Micronesia, the Republic of the Marshall Islands and Palau.** Funding comes from DOI, CDC, HHS, Department of Labor and Department of Education

U.S. Response in the Pacific Islands Region and Papua New Guinea

USAID assistance of \$24.1 million for the Pacific Islands to date has supported the following activities and implementing partners:

- \$14.5 million in humanitarian assistance from the International Disaster Assistance account to support risk-communications, the prevention and control of infectious diseases in health facilities, logistics, coordination efforts, and more
- \$5 million to the World Food Program in support of the PIF Pacific Humanitarian Pathway
- \$3.16 million to World Vision in the Solomon Islands and Vanuatu
- \$1.85 million to CARE in the Pacific
- **\$1.84 million to Catholic Relief Services (CRS) in Fiji, the FSM and the RMI**
- **\$903,800 to UNICEF in Fiji, Kiribati, the FSM, RMI, Samoa and Tonga**
- \$500,000 to Plan International in Fiji
- \$4.6 million in health assistance to help governments prepare laboratory systems, activate case-finding and event-based surveillance, support technical experts for response and preparedness, support public-health communications, and support water, sanitation and hygiene and communications activities
- \$1.85 million to UNICEF for regional programs and data collection in Kiribati, Tuvalu, Fiji, Tonga, Solomon Islands, Vanuatu, and the FSM
- **\$1.35 million to the International Organization for Migration in the RMI and FSM**
- \$800,000 to the International Federation of the Red Cross Societies in Kiribati, Tuvalu, Fiji, Palau, Solomon Islands, and Vanuatu
- **\$700,000 to the World Health Organization in the FSM, Fiji, Kiribati, Nauru,**

RMI, Palau, Samoa, Solomon Islands, Tonga, Tuvalu, and Vanuatu

- \$5 million in Economic Support Funds to strengthen the capacity of civil society to address second- and third-order effects of COVID-19 by assisting the region's most vulnerable communities and preventing development backsliding, and by combatting disinformation and hate speech to protect the rights of vulnerable and marginalized groups
- USAID health assistance of \$3.5 million for Papua New Guinea to date will help prepare laboratory systems, activate case-finding and event-based surveillance, support technical experts for response and preparedness, risk communication, infection prevention and control, and more. Funding has supported the following implementing partners:
 - \$1.75 million for FHI 360
 - \$1.2 million for UNICEF
 - \$550,000 for the WHO PNG office

USAID donated brand-new, U.S.-made ventilators to Fiji, Kiribati, Nauru, and PNG. On July 28, U.S. Ambassador Erin McKee handed over 40 ventilators to the PNG government. On Aug. 19, U.S. Ambassador Joseph Cella officially marked the donation of 50 ventilators to the governments of Fiji (30), Nauru (10), and Kiribati (10).

Department of Defense Overseas Humanitarian, Disaster, and Civic Aid funding is supporting the procurement of medical supplies and other equipment for Fiji, PNG, Solomon Islands, and Samoa.

The Freely Associated States

The U.S. CDC is the lead agency on COVID-19 response in the Freely Associated States. The CDC communicates regularly with health departments, healthcare professionals, and U.S. interagency colleagues in the Republic of Palau, the RMI and the FSM to determine needs and provide assistance. Under the Coronavirus Preparedness and Response Supplemental Appropriations Act of 2020 and through redirected agency funds, the CDC has provided support for health departments in the Freely Associated States through these programs:

Public Health Crisis Response Cooperative Agreements provide urgently-needed funding to address critical needs at the beginning of the pandemic, including emergency operations, surveillance, epidemiology, laboratory capacity, infection control, mitigation, communications, and other preparedness and response activities: FSM: \$1,261,208; **RMI: \$1,103,263**; Palau: \$1,010,381

Epidemiology and Laboratory Capacity for Prevention and Control of Emerging Infectious Diseases program builds epidemiology, laboratory, and health information systems capacity. Additional resources became available to ELC recipients through the Paycheck Protection Program and Health Care Enhancement Act, passed by the U.S. Congress and signed by President Trump on April 24, to implement and oversee expanded COVID-19 testing: FSM: \$4,906,249; **RMI: \$4,291,825**; and Palau, \$3,930,500.

Immunization Cooperative Agreements assist states and communities in establishing and maintaining preventive health service programs to immunize individuals against vaccine-preventable diseases: FSM: \$150,000; **RMI: \$100,000**; and Palau, \$100,000.

The HHS Health Resources and Services Administration awarded grants to health centers in the Freely Associated States under the Coronavirus Aid, Relief, and Economic Security Act passed by the U.S. Congress and signed by President Trump on March 27.

Funds may be used to address screening and testing needs, acquire medical supplies, and boost telehealth capacity in response to the COVID-19 pandemic. HHS HRSA also provided funding under the Paycheck Protection Program and Health Care Enhancement Act.

- The FSM received \$3,855,303 total to support five health center grantees in Chuuk (1), Kosrae (2), Pohnpei (1), and Yap (1)

- **The RMI received \$1,142,996 total to support one health center grantee in Ebeye**
- Palau received \$1,562,977 total to support one health center grantee

HHS Office of the Assistant Secretary for Preparedness and Response awarded funding to Hospital Preparedness Program cooperative agreement recipients that may be used for planning, staffing, purchasing personal protective equipment, enhancing existing surveillance systems, training, and enhancing hospital or health care capacity: FSM: \$177,663, **RMI: \$176,168**, and Palau: \$175,650.

CDC, HHS, ASPR and the Department of Homeland Security Federal Emergency Management Agency partnered to provide LTV 1200 model ventilators from the U.S. Strategic National Stockpile for the Federated States of Micronesia (30), Marshall Islands (10), and Palau (10).

The DOI Office of Insular Affairs provided funding through its Technical Assistance Program, made available under the CARES Act, for COVID-19 preparedness, prevention, and response, including a grant to the Pacific Island Health Officers' Association to equip the Freely Associated States with on-island COVID-19 testing: FSM: \$7,737,390; **RMI: \$3,894,720**; and Palau, \$1,592,945.

DOI/OIA has also approved the use of funding through the Compacts of Free Association for health-related COVID-19 preparedness and planning.

The Joint Economic Management Committee, comprised of U.S. and Federated States of Micronesia government representatives, approved the use of up to \$7 million in prior-year unallocated Compact sector grant funding to be used for health related COVID-19 preparedness and planning.

Compact sector grants and other U.S. federal programs fund approximately 75 percent of core operations for the Republic of the Marshall Islands Ministry of Health. DOI/OIA concurred with reprogramming of approximately \$750,000 of FY20 Health Sector Grant Assistance to be used for repair and renovation work associated with COVID-19 at the Majuro Hospital.

Under the CARES Act, the Freely Associated States are eligible for two Department of Labor COVID-19 pandemic unemployment insurance programs: Pandemic Unemployment Assistance and Federal Pandemic Unemployment Compensation.

- THE FSM received \$28 million for FPUC and \$8.5 million for PUA benefits and administrative costs
- Palau received \$7.1 million for FPUC and \$7.8 million for PUA benefits. Palau also received a National Dislocated Worker Grant of \$102,306 for disaster-relief employment, and employment and training services for eligible individuals in communities significantly affected by the spread of COVID-19.

Under the CARES Act, institutions of higher education in the Freely Associated States received funding from the Department of Education that will expand technological, distance learning, training, and long-term planning capabilities that will ensure learning continues.

- The College of Micronesia received \$3,640,313
- **The College of the Marshall Islands received \$1,964,427**
- Palau Community College received \$762,509
- Finally, DOD has strengthened COVID-19 preparedness through in-kind assistance in the Freely Associated States
- In the FSM, **U.S. Navy Seabees** have constructed handwashing stations in schools and public congregation areas in Yap and Pohnpei, and made improvements to the Misko Beach quarantine site in Pohnpei
- **The Republic of the Marshall Islands has used the U.S. Army Garrison-Kwajalein Atoll to quarantine several RMI citizens**
- Joint Region Marianas fulfilled a request from the Palau government to provide cots to support an alternate quarantine site

COMMUNITY CLASSIFIEDS

The community wants to hear from you. Send in your announcements and Classified Ads to *The Kwajalein Hourglass*. Submit ads and announcements Wednesdays by close of business to kwajaleinhourglass@dyn-intl.com.

HELP WANTED

To research and apply for government employment opportunities on U.S. Army Garrison-Kwajalein Atoll and worldwide, visit usajobs.gov. Done hiring? Write to kwajalein.hourglass@dyn-intl.com to remove your help wanted listing.

Atmospheric Science Technology seeks electronic technician candidates for open positions on Kwajalein. These are full-time contracted positions with benefits. Call Chief Meteorologist Jason Selzler at 5-1508 or see www.aq-ast.com/careers to apply.

RGNext, LLC seeks qualified candidates to fill several open positions on Kwaj and Roi in engineering, technical and other areas. For more information and to apply, go to www.rgnext.com.

DynCorp International is looking for qualified candidates for various positions. Current DI open positions on USAG-KA include administrative services, data analysts, education services, aviation and airfield operations, marine operations and public works among others. To apply, go to www.dilogcap.com or contact your local HR representative.

Kwajalein School System seeks substitute teachers. If you enjoy having a flexible schedule and working with children, we have the perfect opportunity for you. Contact Paul Uhren at 5-2011.

USAG-KA Child and Youth Services is hiring coaches. No experience necessary. All children of head coaches play for free. Visit Central Registration or call 5-2158 in Building 356.

San Juan Construction is hiring a Facilities Maintenance Manager. Please visit www.sanjuan-construction.com to apply. For questions, contact Lanie Allen at allen@sjcco.com or 5-1006.

RELIGIOUS SERVICES

For more information call 5-3505

Men's Bible Study Group meets

Thursdays at 5:45 p.m. in the chapel conference room.

Kids Kingdom meets during the 11 a.m. Interdenominational service. Children are welcome to join this fun weekly activity. Contact the IMC Chapel office for more information.

Prayer and Praise meets Oct. 4 at 7 p.m. in the main sanctuary. Join the chapel community for singing and prayer.

Youth Fellowship meets Oct. 5 at 7 p.m. in the main sanctuary.

Island ladies are invited to attend the **Christian Women's Fellowship Luncheon** Oct. 11 at 12:30 p.m. in the Religious Education Building.

Join the Island Memorial Chapel Oct. 18 at 7 p.m. for **Family Movie Night** for a special screening of "God's Not Dead 3: A Light in the Darkness."

Theology on Tap meets Oct. 19 at 6:30 p.m. in the Adult Recreation Center. Bring a beverage of your choice and prepare to discuss "Saints and Sinners."

Need bike repairs? Bring your bike to Emon Beach Oct. 26 from noon to 3 p.m. for the free **Bike Blessings** repair event and join the Island Memorial Chapel for a **Welcome Back Picnic**.

NOTICES

Alcoholics Anonymous meets **Tuesdays at 6:30 p.m. in the REB, room 213 for open meetings.**

Ongoing Smoking and Tobacco Cessation. Please call EAP at 5-5362 or make an appointment with a physician.

Metro Flights. Eating and drinking on Metro and helicopter flights is strictly prohibited. For your own safety and the sanitation of flights, we ask that you refrain from consuming food and beverages during flights. All drinks and snacks



CONTACT THE USAG-KA SEXUAL HARASSMENT/ ASSAULT RESPONSE AND PREVENTION VICTIM ADVOCATE

Staff Sgt. Yadira Vazquezrodriguez
SHARP Victim Advocate
Work: 805 355 0660 / 1419

USAG-KA SHARP Pager:
805 355
3243/3242/3241/0100
USAG-KA SHARP VA

DOD SAFE Helpline:
877 995 5247

should be enjoyed in the air terminals or upon arriving at your destination. We appreciate your cooperation. Contact Lee Holt at 5-2102 and Fly Roi at 5-6359.

Report non-emergencies. Send in secure reports online at the USAG-KA Police Department Facebook page. To report a non-emergency by phone, call 5-4444. For more information, visit <https://www.facebook.com/kwajaleinpolice/>.

Internet customers can access their account and pay online. Simply, visit KwajNetBilling.dyn-intl.com to log in and pay via our secure, online payment gateway using the payment method of your choice. You may also pay online for future months in advance. For support, contact us at 5-0843 or email KwajNet.Billing@dyn-intl.com.

The **Vet's Hall** is restricted to members only until further notice. Those visiting must hold a current American Legion membership card indicating they are a member

of Post #44.

Spouses, significant others and immediate family are welcome to come to the Hall with their member.

Social distancing guidelines are to be observed at all times. This is a temporary restriction in light of COVID-19 concerns. Contact Dan Farnham at 5-5319.

Purchase a Home-Based Business License through USAG-KA FMWR. All vendors must hold a pre-approved home-based business license. Contact FMWR Business Liaison Teresa Mitchell at teresa.j.mitchell4.naf@mail.mil with questions or ask online at <https://www.facebook.com/usagkafmwr/>.

MWR is reducing the **Bowling Center locker footprint** to create additional space. Please come and remove your personal equipment by Oct. 5. Once an inventory is completed, please contact MWR if you wish to have a locker. Call 5-5332 with questions.

HUNGRY? GRAB DINNER AT AAFES

AMERICAN EATERY

Sunday – closed
Monday – closed
Tuesday – Saturday,
8 a.m. – 6 p.m.

SUBWAY

Sunday, 11 a.m. – 6 p.m.
Monday, 11 a.m. – 7 p.m.
Tuesday, 10 a.m. – 7 p.m.
Wednesday, 8 a.m. – 7 p.m.
Thursday, 10 a.m. – 7 p.m.
Friday, 8 a.m. – 7 p.m.
Saturday, 10 a.m. – 7 p.m.

BURGER KING

Sunday, 11 a.m. – 6 p.m.
Monday – Friday,
11 a.m. – 7 p.m.
Saturday, 11 a.m. – 8 p.m.

ANTHONY'S PIZZA

Sunday, 11 a.m. – 6 p.m.
Monday - Friday,
11 a.m. – 7 p.m.
Saturday, 11 a.m. – 8 p.m.



AT THE CLUBS

COUNTRY CLUB

Country Club Brunch meets **Oct. 11 from 10:30 a.m. - 12:30 p.m. Cost is \$20 for adults and \$12 for children.**

Enjoy a variety of brunch foods including fried chicken, bacon, eggs, quiche, sausage, hash browns, grits, pasta salad, pancakes, fruit and biscuits.

Menu selections are subject to change. No reservation required. Seating is limited. 45-minute time limit per table. For more information, call MWR at 5-3331.

Poetry Wednesdays. The last Wednesday of each month from 6 - 7:30 p.m.

Uno Saturdays. Come play Uno every Saturday at 6 p.m.

OCEAN VIEW CLUB

Ladies Night Sundays. 7 - 11 p.m. Enjoy wine flights and jazz.

Men's Night Mondays. 5 - 8 p.m. Enjoy drinks and pizza specials. Purchase two medium pepperoni or cheese pizzas from the Sunrise Cafe for \$21.

Trivia Tuesdays. 5 - 6 p.m.

Happy Hour Wednesdays. 5 - 7 p.m.

Top 100 Thursdays. 7 - 11 p.m.

Reggae Fridays. 7 - 11 p.m.

Saturdays. Enjoy activities like game nights, karaoke and live music.

OUTRIGGER

Monthly Special. Beer-battered chicken strips - \$8.

Scottish History Trivia Saturdays. Think you know haggis from cullen skink? Prove it at 8 p.m. on Saturdays at the Outrigger.

Karaoke - Sunday nights at 8 p.m.

Water Safety and Swimming Courses
5-2848 for registration and questions. For more information, contact Cliff Pryor at 5-2848 or clifford.pryor@dyn-intl.com.

Learn to Swim (ages 4 - 18). Meets Oct. 6 - 20. No practice on Thursdays or Oct. 17 due to the Shaving Cream Social. Levels III, IV and V meet 3:45 - 4:15 p.m. Levels I and II meet 4:30 - 5 p.m. Cost is \$45 per participant. Participants must be at least four years old and fully registered with USAG-KA CYS.

ARC Lifeguard Recertification Training. Refresher Course for those holding current certification in American Red Cross Lifeguarding and do not expire before March 31, 2021. Nov. 9 from 8 a.m. - 2 p.m. Cost: \$50.

American Red Cross Lifeguard Class. Session Dates: Nov. 29 - 30 and Dec. 6 - 7 and 13 - 14. Prerequisite Swim Tests: Tue. Nov. 17 from 5 - 7 p.m. at the Millican Family Pool; Classes meet Sun. Nov. 29, Dec. 6 and 13: 1 - 5 p.m.; Mon. Nov. 30, Dec. 7 and 14: 8 a.m. - noon. Cost: \$150 (includes online class, pocket mask, and certification fees) Registration open Nov. 3 - 14. Course fee due after the prerequisite skills session. Participants must be at least 15 years old by the last day of the course.

ACTIVITIES AND EVENTS
Power Walk Ex Class. Stand strong, move forward and get to stepping with Power Walk Ex Class. The class meets Thursday and Saturday from 6 - 7 a.m. Walk will begin and end at the Ivey Gym.

All MWR fitness classes require a wellness class pass. For more information and to purchase your pass, visit the MWR desk at the Grace Sherwood Library or call 5-3331.

Support volleyball. The US-AG-KA volleyball season runs Oct. 13 through Nov. 12. Come on out and support weekly games at the Corlett Recreation Center. For more information and game schedule, contact MWR at 5-3331.

HOURS AND OPENINGS
Kwajalein School System offices are open 7:30 a.m. to 4:30 p.m. Please contact Paul Uhren at uhrenp@kwajalein-school.com with KSS questions.

Transient lodging and housing offices are located in the Coral BQ Room 1. For more information, call Housing at 5-3450 and Transient Lodging at 5-3477.

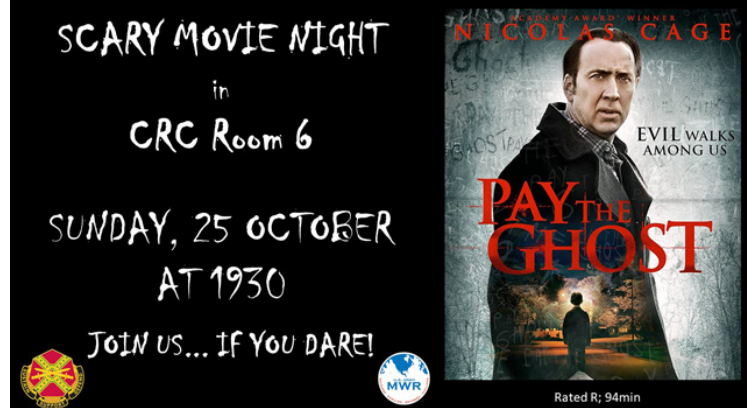
The organizational email addresses for **Kwaj Lodge** and Kwaj Housing office are as follows: Kwaj. Housing@dyn-intl.com and Kwaj. Lodge@dyn-intl.com.

Self Help is located in Bldg. 1791. Hours of operation are Monday, Wednesday and Friday - 9:30 a.m. - 6 p.m. Visit Self Help to pick up tools to complete a number of household maintenance and upkeep projects.

The **Namo Weto Youth Center** is open Tuesday, 3 - 4 p.m. for recreation hour; Wednesday, 2 - 6 p.m. supporting early release; Thursdays through Saturdays from 3 - 6 p.m.; and Sundays from 4 - 8 p.m.



CALLING ALL VENDORS
Reserve a table to sell your crafts and/or goods at the
FALL HOLIDAY BAZAAR
October 19th, 2020
To be a vendor or for information contact
Karen Acosta - ckacosta@hotmail.com



SCARY MOVIE NIGHT
in
CRC Room 6
SUNDAY, 25 OCTOBER
AT 1930
JOIN US... IF YOU DARE!
Rated R; 94min



2020 SHAVING CREAM SOCIAL
SATURDAY, Oct. 17
at the Richardson Ravine
4:30 - 4:40 p.m. Pre-School*
*Must be accompanied by an adult in the ravine.
4:40 - 5 p.m. K - 2 Grade
5:10 - 5 p.m. 3 - 6 Grade
5:40 - 6 p.m. Jr. and Sr. High
Each participant will receive 1 free can of shaving cream. Participants are encouraged to wear goggles. No gel, menthol, or mint creams Allowed.



Creep over to the Bargain Bazaar's
HALLOWEEN Boo-tEeeek & Bake Sale
At the REB, following services,
Sunday, Oct. 18, noon-2 p.m.
Do you have unwanted Swashbuckler and Halloween costumes and décor to donate? Please drop them off at the REB on Sunday, Oct. 18, before services.
Bakers Needed!
Please PM @Kelly Redmond for details, or email YYWCinfo@gmail.com.
Proceeds go to the YYWC education fund.



Want to help put some HOWL in Halloween?

MWR is looking for volunteers to create scary spaces in a community haunted house on October 30 and 31.

Volunteers must be at least 14 years old and will need to provide their own makeup, costumes, and props.

Please contact MWR at 5-3331 or stop by the library to volunteer. Signups close on October 24.

CYS OCTOBER SPOTLIGHT

U.S. ARMY GARRISON-KWAJALEIN ATOLL
CHILD AND YOUTH SERVICES

Child Development Center

Baru Classroom

Saturdays are Water Play Day. Please send your child with water clothes, a towel, swim diaper if needed and dry clothes.

Bako Classroom

Tuesdays - Pre- K Music Class
Tuesdays - STEAM Swim Day. Please send your child with water clothes, a towel and dry clothes.
Wednesdays - STEAM Functional Fitness
Thursdays - Pre-K Music Class
Thursdays - STEAM Library
Saturdays - Pre-K Music Class
Saturdays - STEAM Reading Buddies

Important Dates

Oct. 31 - Halloween Event

Start Smart Sports

Learn to Swim - Oct. 6 - 20
Soccer - Register through Oct. 15 - Season Oct. 22 - Nov. 12

School-Age Care

Tuesdays - Art
Wednesdays - Functional Fitness - 2:30 p.m.
Thursdays - STEM
Fridays - Recreation
Saturdays - Character

4 - H - Every Wednesday and Friday - 4:30 - 5:30 p.m.
October Theme - Photography

Sports

Learn to Swim - Oct. 6 - 20
Soccer - Register through Oct. 15. Season runs Oct. 20 - Nov. 14

Namo Weto Youth Center

Tuesdays - Recreation, 3:15 - 4:15 p.m.
Keystone Meetings - 11:40 a.m.
Wednesdays - Trivia and Game Night, 5 p.m.
Youth Action Council Meeting - 4 p.m.
Thursdays - Ted Talks - 4 p.m.
Fridays - Fitness Challenge
Saturdays - Smoothies - 4 p.m.
Sundays - Keystone Officers Meeting, 4:15 p.m.
Yoga - 6 p.m.



Special Events

Oct. 3 - UPS Road Code - 3 p.m. - 6 p.m.
Oct. 8 and 9 - Piñata Party - 4 p.m.
Oct. 9 - Push Up Challenge - 5 p.m.
Oct. 16 - Sit Up Challenge - 5 p.m.
Oct. 23 - Pull-Up Challenge - 5 p.m.
Oct. 24 - Frida Kahlo Face Painting
Oct. 25 - Haunted House
Oct. 30 - Pumpkin Carving
Oct. 31 - Frida Kahlo Face Painting

Movies at 7 p.m.

Oct. 4 - The Mandalorian Ep. 4
Oct. 11 - The Mandalorian Ep. 5
Oct. 18 - The Mandalorian Ep. 6
Oct. 25 - The Mandalorian Ep. 7

Parent Information

Parent Advisory Board Open House - Please come and get information on upcoming events and to register for activities on Saturday Oct. 3 all day in Central Registration.

All CYS Facilities will be closed Oct. 13 for Columbus Day



THE FUTURE STARTS WITH QUESTIONS.
BE PART OF THE ANSWER.

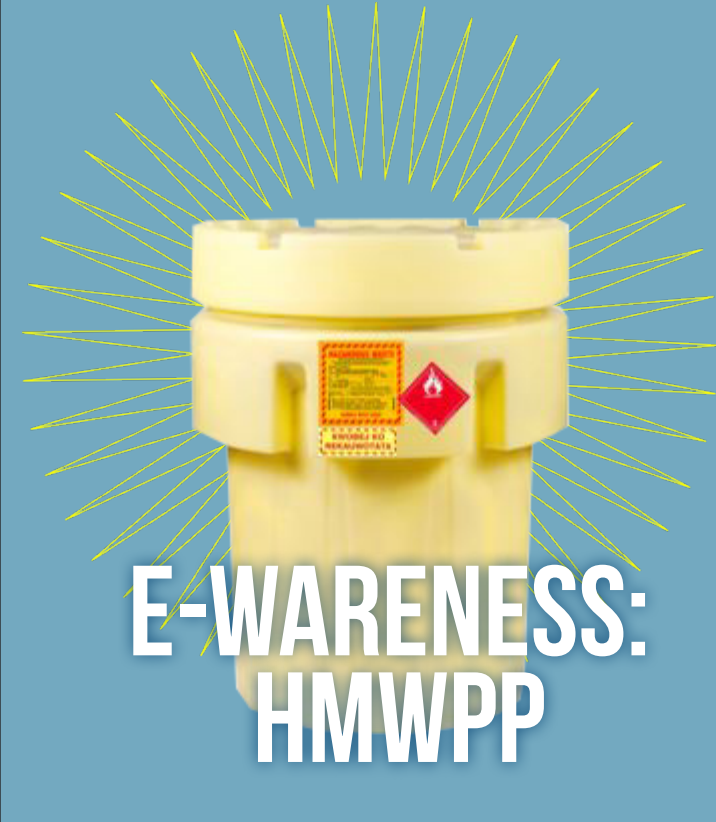
THIRD ANNUAL KWAJALEIN HIGH SCHOOL COLLEGE AND CAREER FAIR

OCT. 7 FROM 6 - 8 P.M.,
CORLETT RECREATION CENTER GYM

Please consider participating in the third annual College and Career Fair. We are looking for people in the Kwajalein and Ebeye communities to represent their alma mater, trade school or any other type of educational institution or school for an evening of exploration for the Kwajalein High School students.

Volunteers are welcome to bring school swag, brochures, personal pictures, tools, equipment or whatever best represents your journey. Team up with alumni from your school or participate with a team of people from your department. Whether your journey was traditional or non-traditional we want you.

To participate, contact Masina McCollum at mccollmm@kwajalein-school.com.



E-WARENESS: HMWPP

What is HMWPP?
HMWPP is Hazardous Materials, Wastes, and Petroleum Products. This includes hazardous materials, substances and waste; petroleum products; regulated medical waste; asbestos waste; pesticides; waste oil; compressed gas cylinders (except for air); PCBs and PCB items that are not in active service. Questions? Call DI Environmental at 5-1134.

HMWPP ej men ko rekauwatata, kobij in oil. Ebar kobatok kobij ak bwe in kein jerbal; kobij in uno ko jen jikin ejmour; asbestos; kobij in cylinder in kiaj; kobij in fluorescent toma ko; im men ko jet.

Kajjitok? Kurlok DI Environmental ilo 5-1134.

E-Wareness is a weekly product of DI Environmental. Contact the team at 5-1134. Elane elon am kajjitok, jouj im kurlok DI Environmental ilo 5-1134.

On 30 January 2020, World Health Organization declared the current novel coronavirus (COVID-19) outbreak a Public Health Emergency of International Concern. The virus was first detected in Wuhan City, Hubei Province, PRC, and subsequently cases of COVID-19 have been detected in 213 countries and territories.

The new virus is a coronavirus, which is a family of viruses that include the common cold, and viruses that cause severe respiratory infections. The virus can be transmitted from person to person, similar to other influenza viruses.

In response to the declaration of PHEIC, the Republic of the Marshall Islands' (RMI) former COVID-19 travel advisories and restrictions. The new virus is a coronavirus, which is a family of viruses that include the common cold, and viruses that cause severe respiratory infections. The virus can be transmitted from person to person, similar to other influenza viruses.

In response to the declaration of PHEIC, the Republic of Marshall Islands' (RMI) former COVID-19 travel advisories and restrictions (Issuance 1: 24 January 2020, Issuance 2: 31 January 2020 and Proclamation declaring State of Emergency dated 7 February 2020, Issuance 3: 13 February 2020, Issuance 4: 26 February 2020, Issuance 5: 25 February 2020, Issuance 6: 3 March 2020, Issuance 7: 5 March 2020, Issuance 8: 7 March 2020, Issuance 9: 8 March 2020, Issuance 10: 17 March 2020, Issuance 11: 2 April 2020, Issuance 12: 30 April 2020, Issuance 13: 7 May 2020, Issuance 14: 2 June 2020 and Issuance 15: 3 July 2020); 30 July 2020 (Issuance

16) have been reviewed and updated as of 4 September 2020 (Issuance 17) with the following interim inbound and outbound travel restrictions for all visitors to RMI. Because COVID-19 is a national threat these requirements will come into effect immediately.

An extension of the total suspension of international travelers coming into the RMI via air travel until 5 October 2020. All aircraft that need to land in the RMI for refueling purposes must adhere to the National Disaster Committee approved Amata Kabua International Airport Standard Operating Procedures (SOP). Periodic spot checks will be conducted on airport ground crew handling aircraft in the RMI. Ground crew not adhering to the strict no human-to-human contact protocols will be subject to an immediate minimum 14-day quarantine.

Suspension of all domestic passenger travel between Kwajalein and Majuro and international airlines. Air travel between Kwajalein and Majuro on Air Marshalls is still permitted.

At the discretion of NDC, any persons entering the RMI without official clearance shall either be removed or placed immediately under quarantine in a secure RMI government-approved facility and submit to all testing at the direction and discretion of RMI medical personnel no less than 21 days from arrival.

All cruise ships including live aboard vessels and yachts at this time are suspended from visiting the RMI until further notice.

All fishing vessels that have transited through or departed from COVID-19 infected countries are suspended from entering the RMI ports until further notice.

To ensure continuity of transshipment services, a limited number of carrier vessels shall be exempt. However, these carrier vessels are strictly required to spend fourteen (14) days at sea prior to port entry and only after clearance by MoHHS, RMI Ports Authority, MIMRA and the RMI Immigration Division. Transshipment shall be limited to twenty (20) purse seiners and ten (10) carriers at any one time. Vessels within the transshipment area are subject to RMI Ports Authority's coordination of entry and exit, including access to the wharf for provisioning purposes.

Fishing companies are required to produce company policy and/or SOPs in compliance with the travel advisory and the Maritime SOP requirements, such as no human-to-human contact, etc. Said SOPs shall be amended as per this updated travel advisory and shall remain in effect unless otherwise revised by the Maritime Working Group (MoHHS, RMI Ports Authority, MIMRA and the RMI Immigration Division). MIMRA shall provide a list of eligible fishing vessels and carriers for entry purposes. Vessels not on the list may appeal to the NDC through the Maritime Working Group for entry prior to departure from their originating port.

To make sure that we can continue to allow food and supplies to enter the country, all container vessels and fuel tankers are exempt but are strictly required to spend 14 days outside of the RMI after departure and prior to arrival at the RMI Pilot Station. All container vessels and fuel tankers must adhere to the National Disaster Committee approved Standard Operating Procedures-Maritime (SOP). Human-to-human contact is strictly prohibited.

Citizens and residents of the RMI with plans to travel abroad are strongly advised to postpone their

travel arrangements. If travel arrangements cannot be postponed, individuals should be aware that they may be subject to restrictions on reentering the RMI. It is also strongly advised that at this time all citizens and residents currently residing on Majuro or Ebeye who are intending to travel to the outer islands to reside or work, do so as soon as possible.

All GRMI officials, including elected officials, SOEs and auxiliary bodies, are required to suspend all international trips paid for by the GRMI or sponsored by outside agencies or organizations with the exception of patients approved by the RMI Medical Referral Committee.

The Chief Secretary, as the head of the National Disaster Committee, together with the Secretary of Health and Human Services, based on recommendations from the RMI Public Health division and the National Disaster Committee, reserve the right to make exceptions to any of the above restrictions to allow for essential services. All safety protocols developed by the Ministry of Health and Human Services in compliance with WHO and CDC guidelines will be followed in these instances.

Any failure to comply with the terms set forth in this Travel Advisory #13 shall be subject to the Emergency Order on Fines and Penalties.

These are interim travel restrictions, which have been introduced by the Government of the RMI as part of current health emergency preparedness measures for COVID-19. These restrictions will be reviewed and updated as needed and communicated to the public.

Kino S. Kabua 4 Sept., 2020
Chief Secretary, Chair,
National Disaster Committee

ISLAND HOPPER FLIGHT SCHEDULE

United Airlines has confirmed reinstatement of the full Island Hopper flight schedule for October 2020. Please note that the travel ban for the Republic of the Marshall Islands is still in effect and all flights are subject to change.

These flights are for outbound travel only. No passengers are authorized to disembark. As a reminder, the current RMI travel restriction is applicable through Oct. 5.

For more information, please contact United Airlines reservations at 1-800-864-8331.

October Flights

UA155 - Oct. 16 (HNL)
UA154 - Oct. 17 (GUM)

UA155 - Oct. 30 (HNL)
UA154 - Oct. 31 (GUM)



KWAJALEIN AT THE MOVIES

Join Kwajalein at the movies. Unless otherwise indicated, all movies begin at 7:30 p.m. Contact MWR at 5-3331 for more information. Showtimes may vary for special “Movies Under the Stars” events.

KWAJALEIN: YUK THEATER

SATURDAY, OCT. 3
“ANT-MAN AND THE WASP” (PG-13)
118 MIN.

Starring Evangeline Lilly, Paul Rudd and Michael Douglas

Scott Lang is grappling with the consequences of his choices as both a superhero and a father. Approached by Hope van Dyne and Dr. Hank Pym, Lang must once again don the Ant-Man suit and fight alongside the Wasp. The urgent mission soon leads to secret revelations from the past as the dynamic duo finds itself in an epic battle against a powerful new enemy.

SUNDAY, OCT. 4
“PET SEMATARY” (R) 201 MIN.

Starring Jason Clarke, Amy Seimet and John Lithgow

Dr. Louis Creed and his wife, Rachel, relocate from Boston to rural Maine with their two young children. The couple soon discover a mysterious burial ground hidden deep in the woods near their new home. When tragedy strikes, Louis turns to his neighbor Jud Crandall, setting off a perilous chain reaction that unleashes an unspeakable evil with horrific consequences.

MONDAY, OCT. 5
“THE HUNT” (R) 89 MIN.

Starring Betty Gilpin, Emma Roberts and Hilary Swank

Twelve strangers wake up in a clearing. They don’t know where they are—or how they got there. In the shadow of a dark internet conspiracy theory, ruthless elitists gather at a remote location to hunt humans for sport. But their master plan is about to be derailed when one of the hunted, Crystal, turns the tables on her pursuers.

SATURDAY, OCT. 10
“AVENGERS: ENDGAME” (PG-13)
182 MIN.

Starring Josh Brolin, Robert Downey Jr. and Chris Evans

Adrift in space with no food or water, Tony Stark sends a message to Pepper Potts as his oxygen supply starts to dwindle. Meanwhile, the remaining Avengers—Thor, Black Widow, Captain America and Bruce Banner—must figure out a way to bring back their vanquished allies for an epic showdown with Thanos—the evil demigod who decimated the planet and the universe.

SUNDAY, OCT. 11
“PHANTOM THREAD” (R) 129 MIN.

Starring Daniel Day-Lewis, Vicky Krieps and Lesley Manville

Renowned dressmaker Reynolds Woodcock and his sister Cyril are at the center of British fashion in 1950s London—dressing royalty, movie stars, heiresses, socialites and debutantes. Women come and go in Woodcock’s life, providing the

confirmed bachelor with inspiration and companionship. His carefully tailored existence soon gets disrupted by Alma, a young and strong-willed woman who becomes his muse and lover.

MONDAY, OCT. 12
“ISN’T IT ROMANTIC”
(PG-13) 88 MIN.

Starring Rebel Wilson, Liam Hemsworth and Priyanka Chopra

Natalie is a New York architect who works hard to get noticed at her job but is more likely to deliver coffee and bagels than design the city’s next skyscraper. Things go from bad to weird when she gets knocked unconscious during a subway mugging and magically wakes up to find herself in an alternate universe. Always cynical about love, Natalie’s worst nightmare soon comes true when she suddenly discovers that she’s playing the leading lady in a real-life romantic comedy.

ROI-NAMUR TRADEWINDS THEATER

SATURDAY, OCT. 3
“GRETA” (R) 111 MIN.

Starring Chloe Grace Moretz, Isabelle Huppert and Maika Monroe

Frances finds a handbag on the New York subway and promptly returns it to Greta, an eccentric French piano teacher who loves tea and classical music. Having recently lost her mother, young Frances strikes up a seemingly harmless friendship with the lonely and kindly widow who enjoys her company. But when Greta’s behavior becomes increasingly erratic and obsessive, Frances does whatever it takes to end the toxic relationship before things spiral out of control.

SUNDAY, OCT. 4
“DOWNSIZING” (R) 135 MIN.

Starring Matt Damon, Hong Chau and Christoph Waltz

Mild-mannered therapist Paul Safranek and his wife, Audrey, decide to undergo a process in which scientists shrink people down to miniature size to live in small communities. The irreversible procedure allows the people to gain wealth and a life of leisure while helping to cut down on the consumption of natural resources. As Paul gets to know his new neighbors and surroundings, he soon learns that living in a tiny suburb comes with its own set of huge problems.

SATURDAY, OCT. 10
“ANT-MAN AND THE WASP” (PG-13)
118 MIN.

Starring Evangeline Lilly, Paul Rudd and Michael Douglas

Scott Lang is grappling with the consequences of his choices as both a superhero and a father. Approached by Hope van Dyne and Dr. Hank Pym, Lang must once again don the Ant-Man suit and fight alongside the Wasp. The urgent mission soon leads to secret revelations from the past as the dynamic duo finds itself in an epic battle against a powerful new enemy.

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Dr. Louis Creed and his wife, Rachel, relocate from Boston to rural Maine with their two young children. The couple soon discover a mysterious burial ground hidden deep in the woods near their new home. When tragedy strikes, Louis turns to his neighbor Jud Crandall, setting off a perilous chain reaction that unleashes an unspeakable evil with horrific consequences.

WHAT THE CRITICS ARE SAYING

ON “ANT-MAN AND THE WASP”: It’s a consistently enjoyable film that’s more surefooted than its predecessor, and while it’s never groundbreaking, you will break into plenty laughs.

–Rajeev Masand, *News 18*

ON “PET SEMATARY”: It will make you jump out of your seat, but what matters are the provocations you take home and can’t shake. That’s the stuff of nightmares.

–Peter Travers, *Rolling Stone*

ON “THE HUNT”: Betty Gilpin battles the snowflakes in a bloody satire of polarized America.

–A.O. Scott, *The NYTimes*

ON “AVENGERS: ENDGAME”: The Russo brothers’ poignant, powerful finale more than lives up to the hype: It’s a thrilling conclusion and a deeply emotional exploration of loss and love, duty and honor, friendship and family.

–Sandie Angulo Chen, *Common Sense Media*

ON “PHANTOM THREAD”: We’re not so much watching Woodcock the rarefied designer as Day-Lewis the rarefied actor, his immersion so uncanny that he can illuminate a soul at once titanic and stunted.

–David Edelstein, *Vulture*

ON “ISN’T IT ROMANTIC”: This satirical rom-com’s occasional redemptive moments are frequently undermined by its raunchy ones.

–Plugged In Staff

ON “GRETA”: This thriller is cut from the same cloth as a dozen other psychopathic stalker movies, but director Neil Jordan’s sure, insightful touch and the solid lead performances make it briskly entertaining.

–Jeffrey M. Anderson, *Common Sense Media*

ON “DOWNSIZING”: A funny science fiction movie on the subject of shrinking people with great visuals and terrific performances.

–Reza Noorani, *Times of India*

Kwajalein Army Garrison 3rd Annual:



Oct. 6 – Dec. 1

\$20 entrance fee with
Mystery cash pot split between male and female winners

Are you ready to make a lifestyle change or lose a few pounds? Need motivation, accountability, and support?

This 8-week program is for you!
Start losing weight & building healthy habits!

Sign up before Oct. 6 weigh-in

For more information or to sign up:

- 1. In person at the Kwajalein Hospital
- 2. Gabrielle.Zartman@internationalsosgs.us or call 5-8836



Express Yourself & Express Mail Your Vote

Free ballot tracking and fast delivery for absent overseas military voters and their family members.

Label 11 - DoD Express Mail labels are available at APO/FPO locations for you to "Track Your Vote"

Uniformed Services personnel, their voting age dependents and civilians stationed overseas may Express return their absentee ballots FREE of charge from any APO/FPO with this label

RECOMMENDED MAILING DATE FOR THIS LOCATION: 23 October 2020

Go to you local APO/FPO to have Label 11-DoD affixed to your voted absentee ballot



APO/FPO personnel affix the label on your voted ballot

LABEL 11 - DOD



ENVELOPE FRONT WITH LABEL 11 - DOD

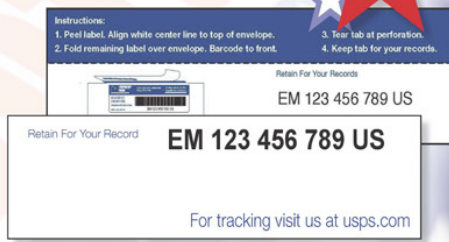
Retain your tracking number



Express Your Vote Checklist

- ☐ Submit your Federal Post Card Application (SF-76) and / or update your mailing address on a yearly basis and send to your election official.
- ☐ Election official approves your registration or ballot request and mails your ballot to you. If you don't receive the ballot from your state use the back-up Federal Write-In Absentee Ballot at FVAP.gov
- ☐ Complete the absentee ballot and prepare for mailing to your local election office.
- ☐ Use the Label 11-DoD on voted Absentee Ballots mailed from Military Post Offices in regularly scheduled general election for Federal office.
- ☐ Go to your local APO/FPO to have Label 11-DoD affixed to your voted Absentee Ballot.
- ☐ Track your absentee ballot online at www.usps.com.

For more details see your local postal voting representative:



GO ONLINE TO **WWW.USPS.COM** TO TRACK YOUR VOTE



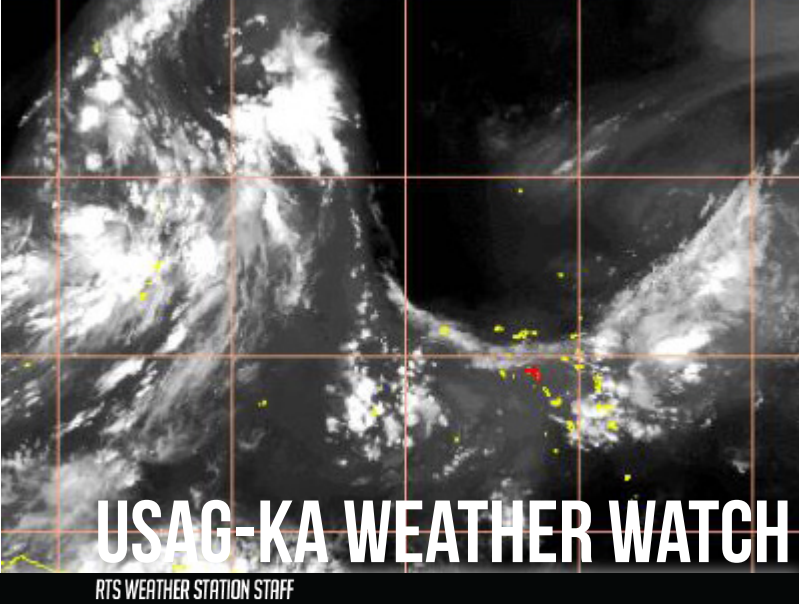
SMDC HISTORY NOTES

Oct. 1, 2001

Effective this date, the Ballistic Missile Targets Joint Program Office transferred from USASMD to the Ballistic Missile Defense Organization, the precursor to the Missile Defense Agency.

Established as a joint office in 1997, the BMTJPO was the designated executing agency for the BMDO Consolidated Targets Program developing realistic, cost-effective ballistic missile targets for the Army, Air Force, Navy and Marine Corps.

—From Sharon Watkins-Lang, U.S. Space and Missile Defense Command/Army Strategic Command historian



USAG-KA QUARTERS INSPECTIONS

Bachelor Quarters

Inspections
Beginning the week of Oct. 2, the U.S. Army Garrison Kwajalein Atoll Housing Office will conduct the annual 100 percent Army Housing Inspection beginning with all bachelor quarters on Roi-Namur. Inspections of Kwajalein BQs will follow.

Roi-Namur

Oct. 3

Ralik B and Sprint

Oct. 6

Ajax and Apache

Kwajalein

Oct. 7 - 8 **Oct. 14 - 15**
Oceans BQ Shell BQ

Oct. 7 - 8 **Oct. 14 - 15**
Palm BQ Reef BQ

Oct. 9 - 10 **Oct. 24**
Coral BQ Surf BQ

Oct. 9 - 10 **Oct. 27**
Tropics BQ Sands BQ

A notice will be posted on BQ doors stating the day and approximate time of the inspection. Please complete the information beforehand and have it available for the inspectors.

If you are unable to be present, please leave the completed form inside your quarters for collection. To help the inspection go quickly, please ensure the white tags on your furniture are visible or easily accessible.

Family Housing

Beginning Oct. 16, the U.S. Army Garrison Kwajalein Atoll Housing Office will conduct the annual 100 percent Army Housing Inspection for all Family Housing.

If you wish to make an appointment to have this inspection take place at a specific time, please call the housing office at 5-3450 or email KwajHousing.ctr@mail.mil. We will start making appointments through Sept. 23.

The houses that are not on an appointment schedule prior to Sept. 20 will fall into the general schedule below. If you are present at the start time of the scheduled day for your

area, please come outside to the front of your house and look for the Housing Office Team. We will inspect houses first if we know you are waiting.

Oct. 16:

8:30 a.m. – noon: 490 - 495, 402, 404, 406, 408, 410, 412, 414, 415, and 418

1:30 p.m. – completion: 413, 415, 417, 419, 420, 405, 407, 409, 411, 427, 496 and 497

Oct. 17:

8:30 a.m. – noon: 104, 102, 227, 225, 226, 224, 222, 216, 204, 206, 208, 210, 212 and 214

1:30 p.m. – completion: 229, 209, 213, 223, 106, 203, 226, 207, 211, 103, 105, 205, 217 and 219

Oct. 20:

8:30 a.m. – noon: Dome 166 -191

1:30 p.m. – completion: New Family Housing 134 -139 and 125, 126, 120, and 122

Oct. 21:

8:30 a.m. – noon: 457, 459, 460 - 466, and 468

1:30 p.m. – completion: 479, 481, 483, and 485 - 489

Oct. 22:

8:30 a.m. – noon: 421, 423 - 426, and 436 - 440

1:30 p.m. – completion: 449 - 456, and 458

Oct. 23:

8:30 a.m. – noon: 428-435, 442, 444, 446, and 448

1:30 p.m. – completion: 441, 443, 445, 447, 470 - 472, 476, 486, and 487

A notice will be posted on each Family Housing front door approximately 72 hours prior to the inspection time. Please complete the information beforehand and have it available for the inspectors. If you are unable to be present, please leave the completed form inside your quarters for collection. To help the inspection go quickly, please ensure the white tags on your furniture are visible or easily accessible.

USAG-KA WEATHER WATCH

RTS WEATHER STATION STAFF

SUN-MOON-TIDES				
	SUNRISE SUNSET	MOONRISE MOONSET	HIGH TIDE	LOW TIDE
SUNDAY	6:37 a.m. 6:38 p.m.	8:17 p.m. 8:08 a.m.	5:09 a.m. 4.0' 5:23 p.m. 4.2'	11:13 a.m. -0.6' 11:34 p.m. -0.5'
MONDAY	6:37 a.m. 6:38 p.m.	8:58 p.m. 8:53 a.m.	5:34 a.m. 3.8' 5:47 p.m. 4.1'	11:35 a.m. -0.4' -----
TUESDAY	6:37 a.m. 6:37 p.m.	9:40 p.m. 9:40 a.m.	5:59 a.m. 3.4' 6:12 p.m. 3.9'	12:02 a.m. -0.3' 11:57 a.m. -0.2'
WEDNESDAY	6:37 a.m. 6:37 p.m.	10:25 p.m. 10:28 a.m.	6:25 a.m. 3.1' 6:39 p.m. 3.6'	12:31 a.m. -0.1' 12:20 p.m. 0.1'
THURSDAY	6:37 a.m. 6:36 p.m.	11:14 p.m. 11:19 a.m.	6:53 a.m. 2.6' 7:11 p.m. 3.2'	1:04 a.m. 0.3' 12:44 p.m. 0.4'
FRIDAY	6:37 a.m. 6:35 p.m.	----- 12:11 p.m.	7:30 a.m. 2.2' 7:59 p.m. 2.9'	1:47 a.m. 0.6' 1:15 p.m. 0.8'
OCTOBER 10	6:37 a.m. 6:35 p.m.	12:05 a.m. 1:05 p.m.	8:50 a.m. 1.8' 9:49 p.m. 2.6'	3:05 a.m. 1.0' 2:17 p.m. 1.2'

WEATHER DISCUSSION: September ends with 15.51 inches of rainfall measured at Kwajalein Weather Station with 10 inches coming from just two days, Sept. 3 and 25. This is 4.62 inches or 142 percent above normal. October is typically the wettest month of the year, with an 85 percent chance of receiving rainfall in any 24-hour period.

The La Niña pattern which has limited tropical storms in the Pacific this year is gaining strength and appears to be moderate to strong pattern going into next year. La Niña trends to a drier dry season—January through March—and adds risk to inundation events by causing higher mean sea levels with stronger trade winds driving bigger surf.

SATURDAY: Chance of showers into overnight. Winds ESE-SSE at 5-10 knots.

SUNDAY: Partly to mostly cloudy with scattered showers. Winds variable at 5 knots.

MONDAY: Partly cloudy with widely scattered showers. Winds ENE-ESE at 7-12 knots.

MID-WEEK: Widely scattered showers continue during the week.



Click the logo to visit
RTS Weather online.



CLICK THE 7TH INFANTRY DIVISION LOGO TO CHECK OUT
PHOTOS FROM THE KWAJALEIN HOURGLASS ONLINE.



Sunday, Oct. 4
6 - 11 p.m. at Camp Hamilton

Get ready for this weekend's Oktoberfest! Adults aged 21 years and over are invited to celebrate at Camp Hamilton. Enjoy a special event menu from 6 - 8 p.m. and cash beverage service from 6 - 10:30 p.m.

Check out the lawn games and rock out to traditional oompah tunes and classic radio hits from the 80's, 90's and today. Live music will be provided by DJ Neil Dye and the Mon La Mike Band.

Enjoy the party and stay to sing. Karaoke open mic begins at 8 p.m. For event information, contact MWR at 5-3331

Oktoberfest Menu

Available from 6 - 8 p.m.

\$8

Zigeunerschnitzel Kaese Spaetzle

Pork Roast in a spicy mushroom, tomato gypsy sauce

\$6

German Brats with Rotkohl

Pulled pork sandwich (Roasted Pig)

\$3

Kaese Spaetzle

Spaetzle and cheese with caramelized onion, tomato, and Swiss cheese

\$3

Rotkohl

Sautéed cabbage

\$1.50

Large pretzel

with cheese sauce

\$1.50

Schneckenkuchen

Cinnamon roll with dates, raisins, walnuts, and cranberries



UXO REMINDER

PUBLIC SAFETY ANNOUNCEMENT

Remember the three Rs of UXO: Recognize an item as possible Unexploded Ordnance. **Retreat** from the area of the UXO. **Report** suspected UXO immediately by notifying EOD (5-1433) or CPS (5-4445).

Provide the following information: Location (building #, GPS, landmarks, etc); Size (compared to common items - football, scuba cylinder, etc). Treat UXO like you would treat dangerous sea creatures. Look but do not touch. For a detailed refresher, please attend the Island Orientation Briefing on the fourth Wednesday of every month.

Kemejmej R ko 3. Recognize (kile) juon kwopej bajjok emaron Bokutan ak kein kabokkolok (UXO). Retreat (Jenliklik) bed ettolok im jab kepaak UXO eo. Report (Ripoot e) boktun ak kein kabokklok eo ien eo emokajtata non EOD ilo nomba kein (5-1433) ak CPS (5-4445).

Ken melele kein: Ia eo (nomba in ijo, GPS, kakolle in ijo, etc.); Jonan (jonan e ibben jet kain mweik - football, taan in turan, etc.). Tiljek kon UXO kein einwot am kojparok menin mour in lojet ko rekauwotata. Kalimjek wot jab jibwe. Non bar kakemejmej eok, eokwe jouj im koba lok ilo Island Orientation allon otemjej.



USAG-KA SPORTS SOCCER

Sept. 25

Bako def. White

6 - 0

Spartans Men 1 def. Nutmeg... SUB!!!

3 - 2

Sept. 26

Spartans Women 1 def. Go Green Go!!!

7 - 2

Bako def. Spartans Women 2

3 - 1

KWAJ ARTISTS WANTED FOR OUTDOOR MURAL

PUBLIC NOTICE

Help USAG-KA MWR leave a lasting impression by lending a hand to the creation of a public mural.

Volunteers are needed for each stage of the design process. The wall is located downtown near the Bali Shop. When finished, the mural will feature art from Kwajalein's private clubs and organizations, complemented by island-inspired designs.

Individuals, groups, youth and families are invited to participate in this community art project.

Private organizations interested in securing mural space should contact their club liaison. Draw up a simple sketch to represent your group and send it in for review and section assignment. If your group would like assistance rendering your design, your liaison will connect you with the island's creative vendors.

Please express interest soon as supplies and paint are limited. Interested parties should contact Teresa Mitchell, FMWR Support business and nonprofit liaison at 5-3400, 5-1657 and also at teresa.j.mitchell4.naf@mail.mil.

ONCE A KWAJ RESIDENT,
ALWAYS A KWAJ RESIDENT.
HELP US PROTECT THE MISSION.
OPSEC DOESN'T END WHEN YOU PCS.
PLEASE THINK BEFORE POSTING PHOTOS
AND VIDEOS TO SOCIAL MEDIA.



NOT SURE? DON'T SHOOT.

HOBBIES SHOULDN'T
COMPROMISE OPSEC.



CLASSIFIED/
CRITICAL/SENSITIVE

All visitors and residents on U.S. Army Garrison-Kwajalein Atoll must abide by applicable physical security regulations for island photography. Please contact an island security representative for more information about how you can do your part to take great pictures while supporting the mission of the U.S. Army.

WE'RE HERE BECAUSE THEY GOT HERE FIRST.



How our newspaper got its name

The shoulder sleeve insignia of the 7th Infantry Division consists of two black, equilateral triangles placed vertically on a red circular disc giving it an hourglass shape.

The hourglass of the insignia was consequently used in the title of the island newspaper, The Kwajalein Hourglass.



#SALUTETHE7TH

GET THE WORD OUT. SEND ANNOUNCEMENTS, COMMUNITY UPDATES AND EVENT FLIERS TO KWAJALEINHOURLASS@DYN-INTL.COM WEDNESDAYS BY 5 P.M.

FOR MORE INFORMATION, CONTACT USAG-KA PUBLIC AFFAIRS OFFICER MIKE BRANTLEY AT 5-4848.