

THE KWAJALEIN HOURGLASS



THIS WEEK

FOURTH OF JULY
CELEBRATION ON USAG-KA 2

ASTRO-TALK
FOR CYS SUMMER CAMP 4

ALOHA STYLE
ORIGINS AND HISTORY 6

A BRILLIANT FOURTH OF JULY FIREWORKS DISPLAY LIGHTS UP THE NIGHT SKIES ABOVE U.S. ARMY GARRISON-KWAJALEIN ATOLL.

 JESSICA DAMBRUCH



USAG-KA CELEBRATES INDEPENDENCE DAY

Musicians from *The Lightning Jazz Project*, 25th Infantry Division Band, perform during the 2023 Kwajalein Fourth of July celebration.

BY JESSICA DAMBRUCH

The communities on Kwajalein and Roi-Namur welcomed invited guests from Ebeye and Third Island to celebrate the Fourth of July with music, fireworks and special activities.

The Kwajalein beachside celebration was full of special flourishes, as visitors and community members gathered in their red, white and blue finest in anticipation of the evening fireworks display. Roi's festivities took place over two days, with food, games and activities on the fourth, followed by fireworks on the fifth.

In the early afternoon, cyclists of all ages convened at north Emon Beach to decorate bikes for the annual bike parade. As they traveled their neighborhood route, others gathered under red, white and blue-decorated tents to check out craft creations and dine on the foods and beverages for sale in the main pavilion.

Many paused for selfies and photos by a large pallet wood placard transformed into an American flag with some creative ingenuity.

At dusk, the beach pathways were lit with LED flag markers to guide guests around the pavilions, past handwash stations, free drinking water stations and a medical tent manned by members of the island's emergency services personnel.

One special surprise unveiled that day is sure to make a reappearance at future events: a large barbecue smoker. MWR Manager Rick Jameson and a crew of dedicated cooks worked throughout the day to prepare an array of savory entrees for the community and enjoyed long lines of customers throughout the afternoon.

July 4 was the first holiday on island for USAG-KA Commander Col. Drew Morgan and his family.

Early in the program, Morgan greeted guests and specially introduced visiting



U.S. ARMY PHOTOS BY JESSICA DAMBRUCH

Red, white and bikes: Cyclists travel down the beach path during the annual bike parade.

Hawaii-based Lightning Jazz Project, a 25th Infantry Division ensemble, that performed original tunes, jazz standards and radio favorites for Kwajalein residents throughout the evening.

The Kwajalein concert was the third atoll show for the military musicians, who had previously performed for the Ebeye community at the Jabro Sports Complex and also for Majuro's Bo July celebration. As the evening progressed, the band moved from jazz and pop to reggae, and teamed up with another special guest from the atoll for a song.

"Where's Yastamon?" called a lead vocalist.

Musical artist and DJ Yasta Bolkeim, better known as Yastamon, of Six9Too Productions and Majuro's Power 103.5 FM radio, grabbed a microphone and joined the band onstage. During the second set, he incited a dance party, and got the Kwajalein community up on its feet—despite their having enjoyed several plates of tasty brisket, ribs and smoked meats.

Morgan and Command Sgt. Maj. Ernest Miller thanked the band with a special commendation at dusk, and

Morgan spoke to the community about the founding of America, and the rights and privileges gained so many years ago through sacrifice and hope.

Next, Morgan led the countdown to the main event. Accompanied by the popular song "God Bless the U.S.A.," technicians aboard two vessels anchored in the lagoon set off a double fireworks display. The music built to crescendo, just as a blast of red and gold shot into the night air. The fireworks display was more than 15 minutes long and was reportedly visible from Carlos, Carlson and the Ebeye Beach Park.

In the days that followed, compliments and thanks were received from the community.

"I loved this year's Fourth of July," wrote one island resident. "My children and had so much fun at the photo stations, and the food was fantastic."

"Thanks for making this the best Independence Day yet," wrote another. "I wouldn't have believed we'd have such a big fireworks show on such a small island, and it was fantastic!"

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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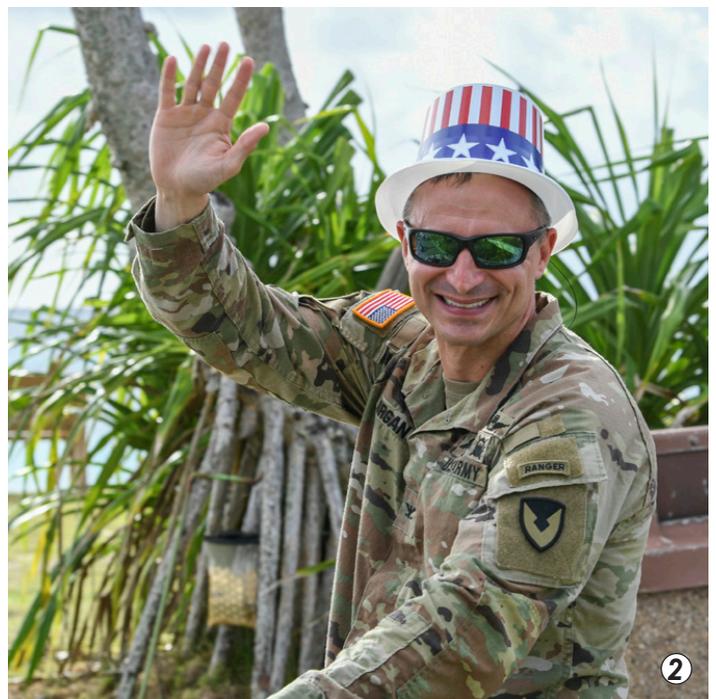
U.S. ARMY PHOTOS BY JESSICA DAMBRUCH

1) Yastamon joins The Lightning Jazz Project to sing during their Fourth of July performance on Kwajalein. 2) Island residents visit a drinking water station in the main pavilion near the food and beverage area. 3) Lee Hibberts, left, and Terri Hibberts wish you a happy Fourth of July from the Kwajalein Lagoon. 5) Young island residents sell homemade patriotic treats and pastries from the MWR vendor tents. 4) Finnegan Wheeldon, left, and his dad Darren roll down the beach path during the bike parade.



U.S. ARMY PHOTO BY YOLANIE KORAB

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U.S. ARMY PHOTOS BY JESSICA DAMBRUCH

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1) At work during the festivities were members of the island's emergency services team. From left: EMT Curtis Carlin and Paramedic Brennan Bollinger. Thank you, guys, for maintaining a safety presence for the community. We appreciate you. 2) USAG-KA Commander Col. Drew Morgan sports a festive cap during his first island bike parade. 3) The Lightning Jazz Project teams up with a special guest air guitarist: USAG-KA Command Sgt. Maj. Ernest Miller. 4) MWR Manager Rick Jameson holds up fresh smoked ribs, one of the savory options for sale during Kwajalein's celebration on July 4. 5) Myles Sylvester, left, and his mom Christina are ready for the fireworks display in matching red, white and blue jumpsuits.

Kommol Tata, Jerammon!

Thank you to the many organizations, individuals and groups who helped to make July 4 a success. Among them are the Medical Tent team; the pyrotechnics operators; MWR Events & Crew; the island's home-based vendors; Yastamon and Six9 Too Productions; The Lightning Jazz Project and the 24th Infantry Division; Kara Larson; Rick Jameson; Kwajalein Dining Services, the Sunrise Bakery crew; Bed Shamory; John DeBrum; Meryrose Peter; Meba Clarence; Thompson Tarwoj and the Guys-Guys; Allena Childress; Kevin Robertson; Anjowest Naisher; Malik Goggins; Stephen Elson; Yolanie Korab; Scott Hill; the Morgan family; the Work Control Team; and personnel from U.S. Embassy Majuro, the Kwajalein Atoll local government; Tribalco; Netcom; Range Generation Next; Louis Berger; Vectrus and USAG-KA Command.



U.S. ARMY PHOTO BY MIKE BRANTLEY

USAG-KA Commander Col. Drew Morgan answers questions from children enrolled in the Child and Youth Services School-Age Care Summer Camp Space Jam during a recent visit.

COMMANDER SHARES SCIENCE AND STORIES AT SUMMER SPACE JAM

BY MIKE BRANTLEY / USAG-KA PUBLIC AFFAIRS

U.S. Army Garrison Kwajalein Atoll Garrison Commander Col. Drew Morgan visited with students enrolled in the USAG-KA Child and Youth Services School-Aged Care Summer Camp for a question and answer session during their Space Jam. The eager students asked Morgan questions about life in outer space.

SAC: How long was your spacewalk?

Col. Morgan: First, I'll talk about how we train for space walks. That is the thing we spend the most time training.

We put on our space suit on Earth, and they put us in a giant swimming pool, and we practice diving. All astronauts are divers because that's how we train for space. It makes it feel like being weightless in space.

I did hours and hours of training and then when I actually did a real spacewalk, I was outside in that space suit for more than six hours.

We also put that space suit on for three to four hours before to get ready for the spacewalk. I wore that space suit for 10 hours the day of the spacewalk.

SAC: What did you eat in space?

Col. Morgan: We have a lot of different kinds of food similar to the food we eat in the Army when we go to the field—all of our food is in a package; we warm it up and rip open the package.

Every time you eat in space it's like a big playground. You get to eat and play with your food every day. I can take a Hot Tamale candy and float it to someone else and they can catch it in their mouth.

I can throw it in a straight line. To do that on Earth, I would have to toss it up in an arch [to get it to his target].

If I was outside the International Space Station, and I took a Hot Tamale with me, and I tossed it in the direction the station was orbiting, it would go on, more or less forever.

It would also be in orbit around the Earth for a long, long time—a Hot Tamale satellite.

SAC: What kind of rocket did you go to space on?

Col. Morgan: The rocket I launched in left Asia, and it landed on dirt, not on the water. We do have rockets at NASA that land in the water but some land on dirt.

SAC: What about the underwater capsule you used for training?

Col. Morgan: We do water survival training in case we land in the water. I'd have to know how to get out and inflate my vest so the rescue divers can pull me out.

SAC: What does it feel like when you get back to Earth?

Col. Morgan: So, nine months in space of not feeling the Earth's gravity pull you down makes you feel very heavy when you return. We do a good job of exercising our muscles and keeping our bones healthy, but our balance is a little off.

Part of our balance system is inside, near your brain, inside your inner ear. That helps tell your body which way is up or down, and when you move your head, you sense that it's moving.

In space, that part of your brain after a

couple days just kind of turns off.

All of a sudden, I go upside down and my body doesn't register that I'm upside down. My body thinks everything is okay. But when you come back to Earth, now your body feels dizzy like you're spinning all over the place for about a week. I could walk, but sometimes I needed help.

SAC: In space, when you're spinning, do you feel like you're going to barf?

Col. Morgan: Because the part of your inner ear kind of goes to sleep, it's harder to feel like you're going to barf. When I came back to Earth, I felt like I wanted to barf, and I did a couple times.

SAC: Do you eat freeze-dried ice cream in space?

Col. Morgan: It's not actually part of our regular food supply that comes up to the space station but I happen to be a big fan of ice cream.

There is no way to get it except for freeze-dried. I had to have Mrs. Morgan, the first lady of Kwajalein, send me some in a care package.

We have visiting spacecraft bring us a resupply. One of the things I wanted was freeze-dried ice cream. It tastes good especially when you don't have ice cream.

SAC: What is it like in the Army?

Col. Morgan: I decided to be an Army Soldier before I decided to become an astronaut. That is what I really wanted to be when I grew up.

I became a medical doctor in the Army. The Army paid for my medical school, they paid for my specialty in emergency

medicine, and gave me all of these great experiences.

I went all over the world and then NASA selected me to be an astronaut. I'm still in the Army. I was in the Army the entire 10 years I was at NASA, and now I am here.

SAC: What happened to the artifact you took to space?

Col. Morgan: I took a lot of things with me to space to represent different parts of my life and career and one was a WWII arm band that a medic wore in the war in Europe 80 years ago.

I took it with me to represent my history as a combat medical doctor. I flew it in space, took pictures of it and brought it back to Earth, and gave it to the National Museum of the U.S. Army at Fort Belvoir, Virginia.

SAC: Have you ever played a board game in space?

Col. Morgan: Yes, but we have to have magnets to hold the pieces on the board. I don't have a sister, but one of my crewmates, Christina Cook is like my sister.

I flew in space wither for seven months and she loves Scrabble. We played on a magnetic version.

SAC: What was it like to be on the parachute team (at West Point)?

Col. Morgan: That was the coolest thing I did as a cadet at West Point was to be on the parachute team.

I learned how to jump out of airplanes and do dangerous things safely, but the most important thing I learned to do was how to be a good teammate.

Those teammates of mine who were on the team with me are still my best friends. They have been my friends for 30 years and a lot of them dialed in to see my change of command ceremony a few days ago.

I carried being a good teammate to the astronaut corps because that is one of the things we value the most in an astronaut: being a good teammate. By that, I mean be a good friend, be somebody that someone wants to spend a long time with in a small, enclosed space. Imagine being trapped in this classroom for nine months. Who would you want to be in here with?

One student in the class chose two friends to be with them for nine months. Col. Morgan said, "That's what you want, to be that kind of friend."

SAC: What does the Milky Way look like in space?

Col. Morgan: All of our windows on the ISS are oriented to look back at Earth, but when I was on my spacewalk, I was above the space station.

I had a very clear view while we were going around the Earth on the nighttime side. The earth's atmosphere usually makes our view of the starts a little harder to see.

We have some of the clearest skies you can imagine on Earth here in Kwajalein. But in space, you're not looking through the atmosphere. It's perfectly clear.



U.S. ARMY PHOTO BY MIKE BRANTELY

During his discussion with children during their Space Jam, Morgan encouraged them to approach him when they see him in the community, and to feel free to ask questions.

You can see the Milky Way much more clearly when the lighting is just right.

SAC: What did the rocket ship look like?

Col. Morgan: So, the rocket ship that I launched on was much smaller than a Saturn V. A Saturn V rocket is a rocket we used 50 years ago to launch astronauts to the moon. It was a really big rocket.

The one I launched in was made to orbit the Earth so it doesn't have to be as big. The Russians made the rocket I was on because they are our friends in space and they have been doing it the same way since the beginning of their space program 50 years ago.

I launched on a rocket that had the technology in it that was older than me. It is a very safe, reliable rocket.

SAC: What does it feel like to float in space?

Col. Morgan: Initially, it feels very dizzy and disoriented but after that it starts to feel normal.

It's really cool and I can go upside down, flip my feet on the ceiling, and I wouldn't feel like I was upside down. I can push off of a wall and fly to the other side of the space station. It's really fun.

SAC: How do we return the rocket ship to Earth?

Col. Morgan: The rocket I launched on, when it burns up all the gas in the bottom, discards it and they fall back to the ground.

We have a rocket now that NASA uses made by the SpaceX Corporation that, after it burns up the fuel in the bottom stage, it lands itself still standing up, automatically.

Then they reuse it, they fill up with fuel and use it again. They are recycling the big parts of the rocket.

SAC: What are the windows like on the International Space Station?

Col. Morgan: All the windows are protected because if they weren't, without

the protection of the Earth's atmosphere, if we had sunlight coming in, you would get burned almost instantly. Our windows are made thick to protect us from the sun.

SAC: How do you use the bathroom in space?

Col. Morgan: I was waiting for that question. The short answer is 'very carefully.' You are used to going to the bathroom and gravity just makes it go into the toilet. So, number one requires a vacuum tube.

The urine goes into the receptacle and gets sucked up inside and it goes into a container.

Then, guess what we do with it? The children responded with, "You recycle it into drinking water."

It tastes just fine; it's very clean water. Guess what? We drink rainwater here predominantly but at home in the U.S., the water we drink comes through a sewage plant, waste water treatment plant and a drinking water treatment plant. All water eventually gets recycled. We just do it in a very enclosed environment in space.

SAC: Did you see another planet in space?

Col. Morgan: You can see planets from the surface of the Earth—Mars and Venus on a good night. They look about the same from the ISS. The thing that we get the clearest view of is the Earth and the Moon.

Those were the best things to look at. If I was flying around Mars or the Moon for nine months, it would be a boring view. We live on the most beautiful planet in the solar system.

SAC: Were you scared?

Col. Morgan: I was a little nervous but the training is really good so I was really confident on the day that I launched.

SAC: When you're training under the water, how do you keep from floating up?

Col. Morgan: They add weights to our space suits to help make them neutrally buoyant. Positively buoyant means we float; negatively buoyant means we sink to the bottom.

We don't want to be either of those. We want to be neutrally buoyant—you want to stay in the middle.

We have divers who are not in space suits who have SCUBA tanks and masks on to make sure we stay neutrally buoy-

ant by either adding or subtracting weights to get us just right.

I have this 350-pound suit on me and we stay safe the entire time.

SAC: How do you breathe in space?

Col. Morgan: I breathe as comfortably in space as I do on Earth. You wouldn't know any difference. The air around us in the ISS is just like on Earth but the

content has a little more oxygen in it and a little bit more carbon dioxide.

It all feels the same. Outside the space station, there is no air. We call that a vacuum.

Col. Morgan told children in the classroom that if they see him on the island, they can come up and ask him any questions. "Don't be afraid to ask questions."

THE ALOHA SHIRT

FEATURE/JESSICA DAMBRUCH

The distinctive aloha shirt is such a classic part of the Hawaiian pop cultural landscape that it even predates Hawaiian statehood. As you prepare for your next big potluck or beach-casual event this summer, here are some fun facts about your favorite shirts.

Interest abounds about the often disputed originals of the aloha shirt.

Author Dale Hope interviewed Ellery Chun, of Chun Clothiers, about pre-1960s Hawaiian street fashion to learn more. Back then, a beachgoer would have encountered men wearing the predecessor of the aloha shirt as weekend-wear. Stylish Hawaiians had a penchant for colorful Filipino bayau shirts, said Chun, and Japanese shirts made of challis, a lightweight, blended fabric.

Ultimately, researchers believe credit is due to Musa-Shiya Shoten, a Honolulu-based tailor shop. In 1935, the shop advertised its bright, custom-made shirts for less than a dollar. Square-cut, colorful, and comfortable to wear in Hawaii's hot weather, the shirts were the garment of choice. By the following year, ads described the unique garments as "aloha shirts," and they had gained in popularity.



📷 COURTESY OF MIKE BRANTLEY

Honolulu-based clothier Reyn Spooner brings a modern sensibility to a classic aloha shirt pattern. The bold floral print is offset by the distressed red background.

As commercial demand for the shirts grew, modern patterns of surfers, palm trees and boats were added to traditional floral and leaf motifs for aloha shirt fabric.

The shirts became a trademark part of the growing Hawaiian pre-WWII consumer landscape. During and after WWII, an influx of U.S. military personnel and famous visitors to Hawaii all propelled the flashy garment into an iconic fad. Hollywood director John Barrymore and American actress Shirley Temple visited Hawaii—and when they did, they stopped in at Musa-Shiya to purchase aloha shirts.

By the late 1930s, the shirt industry had grown and employed more than 400 garment workers. By the time rock star Elvis Presley had acquired his shirt nearly 30 years later, the shirt business showed no signs of slowing down.

It still took an official resolution from the City and County of Honolulu to relax its 1946 rules on acceptable work attire to allow the aloha shirt to be considered business-wear for three months of the year, from July through October. By the 1970s, the aloha shirt had found a permanent place in the fashion sense of warm weather aficionados around the world all year.

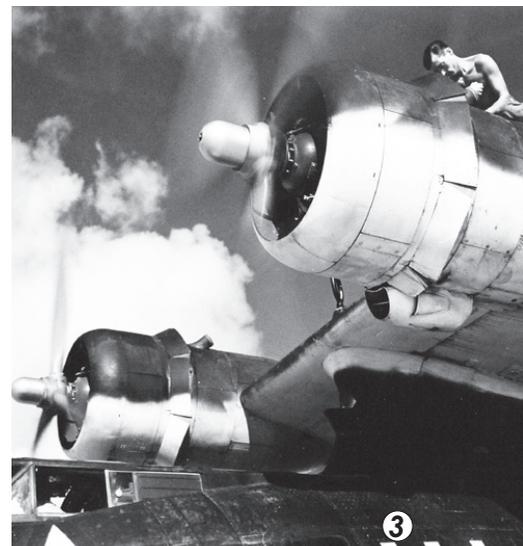
SCENES FROM 1944 KWAJALEIN



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Scenes from World War II history in Kwajalein Atoll: 1) Pilots attend a briefing session aboard USS Lexington (CV-16) prior to Operation Flintlock (U.S. Navy photo by Edward Steichen). 2) Pfc. N. E. Carling stands beside an M4 Sherman tank, "Killer," on which is mounted a knocked-out Japanese Type 94 tankette on February 2, 1944. (U.S. Marine Corps photo). 3) An aircraft mechanic works on a PB5A on Majuro in August 1944 (U.S. Navy photo by Lt. Paul Dorsey).

What is Blue Carbon?

EXTERNAL REPORT

By the National Oceanic and Atmospheric Administration

Blue carbon is the term for carbon captured by the world's ocean and coastal ecosystems.

Something that has a significant effect on our daily lives and is stored within the largest system of water on our planet must be a household name, right? Not necessarily. Have you ever heard of blue carbon? Chances are the answer is no, but perhaps you know more than you realize.

Blue carbon is simply the term for carbon captured by the world's ocean and coastal ecosystems. You have probably heard that human activities emit (or give off) something called carbon dioxide, which contains atmospheric carbon. You have also heard that these gases are changing the world's climate, and not in a good way.

What you may not have heard is that our ocean and coasts provide a natural way of reducing the impact of greenhouse gases on our atmosphere, through sequestration (or taking in) of this carbon.

Sea grasses, mangroves, and salt marshes along our coast "capture and hold" carbon, acting as something called



NOAA PHOTO

a carbon sink. These coastal systems, though much smaller in size than the planet's forests, sequester this carbon at a much faster rate, and can continue to do so for millions of years. Most of the carbon taken up by these ecosystems is stored below ground where we can't see it, but it is still there. The carbon found in coastal soil is often thousands of years old!

The bigger picture of blue carbon is one of coastal habitat conservation. When these systems are damaged, an enormous amount of carbon is emitted back into the atmosphere, where it can then contribute to climate change. So protecting and restoring coastal habitats is a good way to reduce climate change.

When we protect the carbon in coastal systems, we protect healthy coastal environments that provide many other

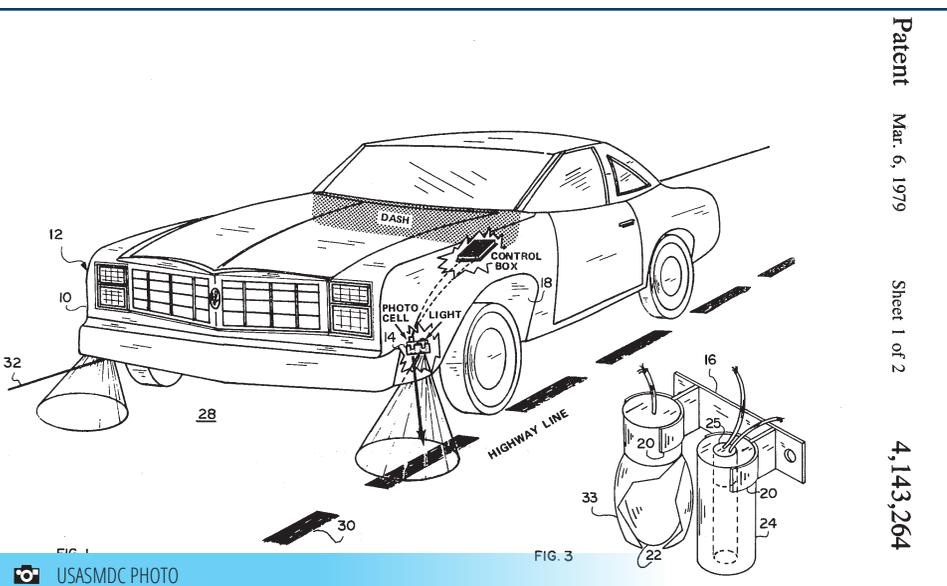
benefits to people, such as recreational opportunities, storm protection, and nursery habitat for commercial and recreational fisheries.

One method of slowing climate change impacts is to incorporate coastal wetlands into the carbon market through the buying and selling of carbon offsets.

This approach creates a financial incentive for restoration and conservation projects by helping to alleviate federal and state carbon taxes aimed at discouraging the use of fossil fuels. When fewer greenhouse gases are emitted, less pollution is created.

When there is less pollution to tax, the process benefits not only the environment but also the financial well-being of the community doing the restoration.

U.S. ARMY SPACE AND MISSILE DEFENSE COMMAND HISTORY



A drawing of the highway line detection system patent developed by William Gilbert and Ronald Classen.

factored in ambient light conditions increasing the effectiveness of the system.

As explained in the patent, the system "includes a photoelectric sensor connected to an electrical bridge circuit, and the bridge circuit includes an impedance element which is varied in impedance responsive to the integrated output of the bridge circuit, and thereby the bridge circuit is maintained in balance for ambient light conditions.

Further, the threshold of detection of the system, at which point an alarm is sounded, is varied as a function of the ambient light state, whereby the sensitivity of the system is increased for low light conditions and decreased for high light conditions to compensate for an opposite characteristic of the photo-sensor." The patent was subsequently granted in March 1979.

BY SHARON WATKINS-LANG, USASMDC HISTORIAN

On July 6, 1977, the Redstone Rocket featured an article on Ronald Klassen, an electrical engineer with the Ballistic Missile Defense Systems Command, and his friend William Gilbert who was employed with the U.S. Army Missile Research and Development Command.

The two Redstone Arsenal engineers had developed a highway line detection system for which they had submitted a patent. Unlike previous concepts, their sensor, mounted on either side of the vehicle, would alert the driver if the vehicle was about to or had crossed the highway lines. In addition their shielded photo-sensor and electrical bridged circuits

SHARE YOUR QUESTIONS AND GREAT IDEAS ABOUT COMMUNITY LIFE WITH USAG-KA COMMAND. CALL THE COMMANDER'S HOTLINE AT 480-1098.



The Lightning Jazz Project, U.S. Army 25th Infantry Division, performs during Bo July Festivities on Majuro, Republic of the Marshall Islands. Check out an upcoming edition of The Kwajalein Hourglass for an interview with the band members about their musical journey.

Join NASA to Celebrate Webb Space Telescope's First Year of Science

This artist's concept by NASA Animator Adriana Manrique Gutierrez depicts NASA's James Webb Space Telescope, fully deployed in space.

EXTERNAL REPORT

NASA is commemorating the first year of science and discoveries from the agency's James Webb Space Telescope, the largest, most powerful, and most complex space telescope ever built.

To celebrate the anniversary, multiple events will take place online and live across the U.S.

Webb's first full-color images were released July 12, 2022, marking the beginning of the observatory's science mission.

Since then, Webb has discovered some of the earliest galaxies ever observed, delivered the most detailed view of the atmospheres of planets outside our solar system, and captured new views of planets within our solar system.

The schedule of Webb first anniversary events is as follows (all times are Eastern):

Wednesday, July 12

6 a.m.

Release of a new Webb image online

6 a.m.

Live interview opportunities

Webb mission experts will be available

to conduct live, remote interviews with broadcast media, in both English and Spanish. Details about scheduling these interviews are available online.

Webb experts also are available for interviews outside of this window upon request.

4 p.m.

NASA Science Live online

Two Webb experts will be featured on a NASA Science Live episode, discussing how Webb has made an impact in its first year on exploring the distant universe, characterizing exoplanet atmospheres, and understanding the solar system.

The show will air live on the NASA Science Live website, as well as YouTube, Facebook, and Twitter. Viewers of this episode can submit questions on social media using the hashtag #UnfoldtheUniverse or by leaving a comment in the chat section of the Facebook or YouTube stream.

Friday, July 14

1 p.m.

Webb anniversary event, Enoch Pratt Free Library in Baltimore

Visitors of all ages can learn about the telescope and how it studies the universe with its infrared eyes.

There will be talks about Webb, a Virtual Reality experience, hands-on activities for children, and educational take-away items.

This summer, Webb anniversary community events continue nationwide to celebrate Webb's anniversary. These free, public events will be held at schools, libraries, museums, and other community locations in 25 states and Washington, in July, August, and September. Each event will be different, and all will highlight Webb's science and accomplishments with information, activities, or a presentation.

The James Webb Space Telescope is the world's premier space science observatory.

Webb is solving mysteries in our solar system, looking beyond to distant worlds around other stars, and probing the mysterious structures and origins of our universe and our place in it.

Webb is an international program led by NASA with its partners, ESA (European Space Agency), and CSA (Canadian Space Agency).

For more information about Webb, visit: <https://www.nasa.gov/webb>



Mosquito

Fogging

Kwajalein Fogging Schedule

Tuesday, July 18 - Thursday, July 20
5:30-7:30 p.m.

Roi-Namur Fogging Schedule

Tuesday, July 25 -Thursday, July 27
5:30-7:30 p.m.

Fogging operations are weather dependent. Residents should avoid fogged area for approximately 30 minutes.

About Fogging Operations

On USAG-KA, fogging operations are performed using EcoVia EC, the eco-friendly insecticide.

- Liquid botanical oil insecticide
- Active ingredients include thyme oil & rosemary oil
- Safe to use in and around homes and near water
- Safe for use near children and pets

Some uninvited guests are real pests! Help island pest control professionals by doing your part around your quarters and in communal areas.

- Everyone can help to eliminate mosquitoes and flies.
- Check for standing water where mosquitoes breed
- Dump any accumulated water at least weekly
- Manage vegetation and eliminate accumulated leaves
- Do not add food waste directly into open trash cans such as the Emon Beach trash containers, large black trash cans, or residential green trash receptacles.
- Always seal food and animal waste inside trash/plastic bags before adding to trash cans.
- Periodically clean outdoor trash receptacles.

TODDLER SWIM/LEARN TO SWIM CLASS REGISTRATION WITH USAG-KA CHILD AND YOUTH SERVICES

Enrollment dates: Aug. 1 – 11
Session dates: Aug. 15 – 26
Classes meet on Tuesdays, Wednesdays, Fridays and Saturdays

Toddler Swim registration is open to students aged 6 months to four years old.

Learn to Swim is open to students aged four years and older. Sign your child up for Session 1 (3:45 – 4:15 p.m.) or Session 2 (4:30 – 5 p.m.).

Call CYS Central Registration (Bldg. 358) at 480-2158 to register. For more information, email Shawn Brady at shawn.brady@vectrus.com.

SCHOOL-AGED CHILDCARE REGISTRATION FOR THE 2023-24 SCHOOLYEAR

School-aged care is open to students in kindergarten through fifth grade. Options are available for a.m., p.m. and combination care for up to five days.

A.m. Program: 7 a.m./beginning of school day

P.m. Program: End of school day until 5:30 p.m.

Fulltime care includes holidays and school break camps. For more information or to register, contact CYS Central Registration at 480-2158, and email christy.wagnon@vectrus.com.



COVID Vaccine Boosters Available

Those 12 and older may receive a bivalent Covid-19 booster if it has been over 120 days since their initial bivalent Covid-19 vaccine dose.

To register, please call 480-8836/2223 to make an appointment and email judy.wiser@internationalsogs.us.



THE CLASSIFIEDS

MOVIES

Kwajalein Yuk Theater

Saturday, July 8
"Toy Story 2"
(1999)
(G) 92 min.

Sunday, July 9
"Champions"
(2023)
(PG-13) 124 min.

Monday, July 10
"Deadpool 2"
(2018)
(R) 119 min.

Saturday, July 15
"Toy Story 3"
(2010)
(G) 103 min.

Sunday, July 16
"The Bob's Burgers
Movie" (2002)
(PG-13)
102 min.

Monday, July 17
"John Wick: Chap-
ter 4" (2023)
(R) 169 min.

Saturday, July 22
"UP" (2009)
(PG) 96 min.

Sunday, July 23
"The Blues Brothers"
(1980)
(PG-13) 133 min.

Monday, July 24
"Cocaine Bear"
(2023)
(R) 95 min.

Saturday, July 29
"Sonic The
Hedgehog 2"
(2022)
(PG) 122 min.

Sunday, July 30
"Talladega Nights:
The Ballad of
Ricky Bobby"
(PG-13) 108 min.

Monday, July 31
"Scream VI"
(2023)
(R) 122 min.

Roi-Namur C-building

Saturday, July 8
"Isle Of Dogs"
(PG-13) 90 min.

Sunday, July 9
"Black And Blue"
(R) 108 min.

Saturday, July 15
"Kong: Skull
Island"
(PG-13) 120 min.

Sunday, July 16
"Joker"
(R) 122 min.

Saturday, July 22
"All My Life"
(PG-13) 93 min.

Sunday, July 23
"Super Troopers
2"
(R) 99 min.

The community wants to hear from you. Email announcements and advertisements to kwajaleinhourglass@vectrus.com Wednesdays by close of business. Ads received after deadline will be published in the next issue of The Kwajalein Hourglass.

ACTIVITIES

QUIZZO. Every second Wednesday at the Ocean View Club is Quizzo night. Bring a friend and get ready for mind-bending, face-melting trivia!

CAC OFFICE

Before your visit to the Common Access Card Office, ensure all paperwork is completed by your human resources representative before making an appointment. Bring two forms of government-issued IDs with you to your appointment. Walk-in appointments are welcome, but there may be a wait. CAC Office Hours, Bldg. 835, are Tuesday – Saturday, 8 a.m. – 4 p.m.; (Lunch: noon - 1 p.m.). Questions? Call 480-8496.

CHAPEL

ROI-NAMUR CATHOLIC MASS. Catholic Mass will take place on Roi at 6:30 p.m. on the second and fourth Fridays of each month. Visit the chapel and welcome back Fr. Jim Ludwikowski.

CHAPEL COUNSELING AVAILABLE. For those who seek religious guidance, general counseling, and who may have questions related to family counseling, all are welcome

to schedule an appointment with Ch. Brian Conner at the Island Memorial Chapel by calling 480-3505.

E-WARENESS:

Reclaimed vs. Drinking Water

Kwajalein Island has two water systems. The reclaimed (non-potable) system, color-coded with red labels, is not suitable for drinking. Landscaping with reclaimed water conserves drinking (potable) water. ****Contact Environmental at 480-0722 for more information.**

Ewor ruo kain system in dren ion Kwajalein. Reclaimed (non-potable) system eo, ekokalle kon label biro-ro, ejjab emman nan idrak. Utrikrik kon reclaimed water ekojbarok drenin idrak (potable). Ne ewor am kajitok kaki, call e lok Vectrus Environmental ilo 4805-1134.

****Kir lok Vectrus Environmental ilo 480-0722 kin kajitok.**

FACILITIES

RACQUETBALL COURT CODE. Residents can obtain the door code from the MWR Desk at the Grace Sherwood Library. The code will not be given out over the phone. Contact MWR at 480-3331 with questions.

Service Now is the new Remedy. Please be patient as the NEC transitions to Service Now.

To submit new tickets call: 480-3000.

For urgent requests, please email:

Usarmy.Bucholz.516-sig-bde.mbx.

Kwajalein-nec-change-management@army.mil

**FIRE PREVENTION SAFETY TIPS:
FIRE EXTINGUISHERS**

You are required to inspect each fire extinguisher in your areas of operation monthly or every 30 to 31 days. Check for the following: The extinguisher is properly mounted in its assigned location; immediately accessible (unobstructed) and visible; tamper seal and safety pins are in place, and the nozzle is free of obstructions; the pressure gauge is in the "green" to indicate it's charged; and the cylinder in good shape. After the inspection, initial the extinguisher tag for that month. Contact the Public Works Service Desk at 480-3550 if any of the above steps require attention. For questions, email PublicWorksServiceDesk@Vectrus.com.

FLIGHTS

****Please note that all flights are subject to change.**** For the latest update on your flights on United, ATI or Air Marshall Islands:
ATI: 480-2169; AMI: 480-3469;
United: 480-4852 or 1-800-UNITED1;
Air Terminal Services: 480-2660; Flight Information Recording: 480-3589

UA Schedule Effective Now
Monday and Friday—UA 155 (HNL)
Check-in 2 – 4:50 p.m.
Wednesday—UA 133 (HNL)
Check-in 2 – 4:15 p.m.
Tuesday and Saturday—UA 154 (GUM)
Check-in 10:45 – 11:15 a.m.

HEALTH

Employee Assistance Program counselor, Kenneth Thomas, can be reached at kenneth.thomas@internationalsosgs.us or 480-5362. Clients can expect education about mental health disorders from a multicultural perspective with the goal of moving toward acceptance and ultimately to mitigate symptoms.

OPTICAL CARE APPOINTMENTS will be available July 25 through Aug. 12. Call 480-2220 to schedule a visit with Dr. Black of Kwaj Eyecare. Eye exams to examine dry eyes, eye disease, prescriptions for contacts and glasses for residents of all ages are available. For more information, visit www.kwajeyes.com and email drwtblack@aol.com.

COVID-19 BOOSTERS. A bivalent COVID-19 vaccine booster is available for those aged 12+ if it has been more than 120 days since their initial bivalent COVID-19 vaccine dose. To register, please email judy.wiser@internationalsosgs.us, or call 480-2223.

NOT FEELING WELL? Call 480-2223 to make an appointment for a COVID-19 test, Tuesday through Saturday from 7:30 a.m. – 4:30 p.m. If you are not feeling well, please wear a mask when you are around others in the community.

COVID-19 TESTS. Get free at-home tests. Every US household is eligible to order four free at-home COVID-19 tests. Need help placing an order for your at-home tests? Call 1-800-232-0233 (TTY 1-888-720-7489).

RMI ENTRY REQUIREMENTS. Updated entry requirements for the RMI by air or seaport include the following requirements: Adults aged 18-years-old and up must have completed one primary COVID-19 vaccine series. Primary series: Johnson & Johnson single dose; Pfizer completed series (two doses); or Moderna completed series (two doses) Boosters are not currently mandated. There is no vaccination requirement for children under age 18.



Contact the USAG-KA Sexual Harassment/ Assault Response and Prevention Victim Advocate

Chief Warrant Officer 2 Nate Elkins
SHARP Victim Advocate

Work: 480-0660 or 480-3421

USAG-KA SHARP Pager:
808-580-3241

DOD SAFE Helpline: 877-995-5247

COCONUT RACE

Sunday July 9 @ 7 p.m.

SURF SHACK BEACH

POC: ROI MWR OFFICE BLDG 8224 (480-6580)

Family Movie Night

Bring your snacks, drinks, and friends!

Monday July 10th at 7:00 p. m.
Join us in the REB to watch

MOMS' NIGHT OUT

Popcorn Provided!

Brought to you by Island Memorial Chapel 480-3505

NOTIFY THE VET. Pet owners must notify Kwaj Vet Services before vacation. A pet sitter authorization form for treatment is required prior to departing Kwaj. Reach Vet Services at 480-2017 Tuesday through Saturday from 7:30 a.m. – 4:30 p.m.

HOURS OF OPERATION

BARGAIN BAZAAR Summer Hours. Through Aug. 30, Wednesday only, 4:30 – 6:30 p.m. Jino Jen 1 ran in June nan 30 ran in August. Wenje Wot, 4:30 – 6:30 p.m.

MILLICAN FAMILY POOL. Closed for cleaning on Thursdays. Open noon to 5 p.m. Tuesdays, Wednesdays, Fridays and Saturdays. Open 11 a.m. to 5 p.m. on Sundays and Mondays. Closed Thanksgiving and Christmas.

JOBS

To apply for government employment opportunities on U.S. Army Garrison-Kwajalein Atoll and worldwide, visit usajobs.gov. Email kwajaleinhourglass@vectrus.com to remove a listing.

AKIMA is hiring for the following on-island positions: Communications Clerk (ID: TRU01101); Communications Specialist (ID: TRU01100); and Fiber / Cable Technician (ID: TRU01099). Applicants

must reside on USAG-KA and possess a valid passport. For information and a list of required qualifications, visit https://akima.taleo.net/careersection/akimallc_cs/jobsearch.ftl. Apply online or send resume to Jeannette McIlwain at jeannette.mcilwain@akima.com.

CHILD AND YOUTH SERVICES is hiring a facility director (req. 31990) and lead teacher (req.31991). All required background checks must be successfully completed and maintained. A health assessment is also required. Apply online at www.vectrus.com.

COMMUNITY BANK is currently hiring for a Banking Center Service Specialist (aka Teller). This is a part-time, 20 hr./week position for an on-island hire. Submit your application and resume to: https://www.dodcommunitybank.com/home/careers/application_process. Call call Stephanie Finley at 480-2292 with questions.

ENVIRONMENTAL HEALTH AND SAFETY MANAGER. KFS LLC is accepting resumes for a Health and Safety Manager to support an upcoming Environmental Project on Kwajalein. Visit <https://honuserVICES.jobs.net/en-US/job/health-and-safety-manager/J3N1RL6KDG9RWPTYQDF> for addi-

tional information, including the full job description, qualifications, and resume submission instructions.

NAN, INC. seeks a project engineer, welder, welding inspector, quality control manager, and site safety and health officer. To apply, visit www.nanhawaii.com and contact Clint Ueatari at 480-2632, 480-4995 or 480-4996.

TRIBALCO is hiring for multiple positions. Applicants must meet job requirements. Apply online at tribalco.com/jobs, www.kaihonua.com, and www.akima.com. Contact Tribalco Human Resources at 480-4344. Visit www.tribalco.com/careers.html. An active security clearance is required.

QUANTUM DYNAMICS, INC., is accepting resumes for positions on Kwajalein and Roi-Namur in the following areas: vehicle maintenance, transportation motor pool, movement control and custodial; and apply at <https://qdyncorp.com/home/careers/>. You may also visit the HR Office in Bldg. 700. Contact the Human Resources manager at 480-0782 or administrative assistant at 480-4916 for more information.

RGNEXT, LLC seeks qualified candidates to fill open positions on Kwaj and Roi in engineering, technical, COMSEC and other areas. For information and to apply, visit rgnext.com.

SUBSTITUTE TEACHERS WANTED. Kwajalein School System is now hiring substitute teachers. Qualifications: 4-year degree in any field; confidentiality; love of working with children; favorable status for CNACI (will receive background check after accepting offer). Send resumes to uhrenp@kwajaleinschools.org. For more information call 480-3601.

TRUESTONE is hiring for multiple positions. Contact Tribalco Human Resources at 480-4344 and visit <https://www.akima.com/careers/>. Visit www.tribalco.com/careers.html.

MAINTENANCE

ARMA. Log in to ArMa, the Army Maintenance Application, to report issues for all buildings maintained by the Department of Public Works. Contact Public Works at 480-3550.

SCHOOL

SCHOOL SYSTEM EMAILS. KSS emails have changed. School email addresses now end with @kwajalein-schools.org. Ex: uhrenp@kwajalein-schools.org. The former email addresses will work through the summer. However, please begin using the new email addresses.

NEWCOMERS

ISLAND ORIENTATION and Newcomer's Briefings occur in the REB, behind the Island Memorial Chapel. To register, email KWAJ_OSO_Ops@Vectrus.com or call 480-3511.

AUTOMOTIVE LICENSING. The Automotive Licensing Office has moved to Bldg. 808. Visit during regular hours of

New Kwaj Kid?
New parents & students are invited to a school information meeting:
New to GSES (K-6) ~ Aug 4
6 - 7 p.m., Coconut Room
New to KJSHS (7-12) ~ Aug 5
5 - 7 p.m., MP Room
KwajaleinSchools.org
KWAJALEIN SCHOOL SYSTEM

DOMINO NIGHT
Outrigger
July 16 @ 7 p.m.
DOMINO
Outrigger Bar and Grill
Roi-Namur, Nanai Islands
MWR

operation to complete license testing and documentation.

PASSPORTS

Passport services are temporarily on hold until the U.S. State Department approves a new head of facility for Kwajalein. The community will be notified when services resume. Questions? Contact Mike Sakaio at 480-2103.

Complete the passport application at travel.state.gov. Print completed forms and ensure you have a copy of your existing passport and other documents, including parents' identification cards, and birth certificates. Photos must not be older than six months, taken without glasses. Free passport photos are available. Contact Host Nation Activities at 480-2103 for details.

PASSPORT FEES. Adult passport renewal: \$130; Adult passport (first application): \$165; Minor passport (15 and younger): \$135; Adult Passport Card: \$30; and Minor Passport Card: \$15. Only money orders and cashier's checks payable to "U.S. Department of State" are accepted and can be purchased from Community Bank or the post office.

POST OFFICE

PCS & VACATION TIPS. Customers must notify the post office before leaving for 30 days or PCS'ing. Per DOD 4525.6-M, mail is only allowed to be held for 30 days with or without prior notice. Mail is considered unclaimed on day 31 and will be returned to the sender. Email the post office to authorize pick up for your mail and packages. When PCS'ing, provide a forwarding address. Contact James Smith with questions at 480-3461 and james.e.smith2295@army.mil.

TO USE ICE. Step 1: Visit ICE Home at disa.mil. Step 2: Click "search." Step 3: Choose USAG-KA Post Office and select "general site comment." Step 4: Let your voice be heard. Then, click submit.

REGULATIONS

TOBACCO USE. USAG-KA Policy Memorandum 600-8 protects others from the negative impact of tobacco use. On USAG-KA, smoking is permitted in designated smoking areas only. Smoking and cigarette butt receptacles must be at least 50 feet from the entrance of facilities.

VEGETATION. Per USAG-KA Regulation 420-1, vegetation may not be planted in the ground without approved permits. Residents may be asked to remove items if planted without approval. Do not place sprouted coconuts in yards.

DON'T TAKE CULTURAL ARTIFACTS. It is illegal to remove cultural resources from the atoll. This includes any protected species, unexploded ordnance, WWII-era artifacts and ancient Marshallese artifacts. These resources are protected under U.S. federal and RMI law. Do not remove these pieces of atoll history from Kwajalein. Contact the Kwajalein Archaeology Office at 480-8867.

TOBACCO USE. USAG-KA Policy Memorandum 600-8 protects others from the negative impact of tobacco use. On USAG-KA, smoking is permitted in designated smoking areas only. Smoking and cigarette butt receptacles must be at least 50 feet from the entrance of facilities.

SAFETY

EMERGENCY MANAGEMENT. If an emergency or disaster occurred, would you and your family be notified?

- 1) Visit the USAG-KA Emergency Management webpage, <https://home.army.mil/kwajalein/index.php/my-fort/EM>
- 2) Click on "Mass Notification"
- 3) Follow the registration instructions.

CANDLES and open flames are not permitted in BQ rooms. The Kwajalein Fire Department thanks you for keeping your neighbors safe.

TAXI

CALL 480-TAXI (8294) or 3341 to book your ride at least 24 hours in advance of your check-in time for United Airlines and ATI flights.

MWR FITNESS CLASSES

All classes meet in Corlett Recreation Room 7 unless otherwise noted. All classes require a Fitness Pass. Purchase annual, 6-month and 8-month passes at the MWR desk in the Grace Sherwood Library (Bldg. 805). All classes are subject to change without notice. Call MWR at 480-3331 for information.

TUESDAY

5:30 - 6:30 a.m. FREE SPIN CRC7
10:30 a.m. BEGINNERS YOGA CRC7
5 p.m. YOGA CRC7
6 p.m. ZUMBA CRC1
6:30 p.m. SPIN CRC7

WEDNESDAY

9:15 a.m. ZUMBA TONING CRC1
5 p.m. BEGINNERS YOGA CRC7
6 p.m. WATER AEROBICS ADULT POOL

THURSDAY

6 a.m. SPIN
9:15 a.m. ZUMBA CRC1
11:30 a.m. TRX BOOTCAMP CRC7
5 p.m. YOGA CRC7
6 p.m. WATER AEROBICS ADULT POOL

FRIDAY

5:30 - 6:30 a.m. FREE SPIN CRC7
6 a.m. YOGA FLOW (EMON BEACH)
9 a.m. ZUMBA CRC1
5:30 p.m. POWER HOUR (Strength & cardio circuit) CRC7
6 p.m. ZUMBA TONING CRC1

SATURDAY

5:30 - 6:30 a.m. FREE SPIN CRC7
8 a.m. TRX + CORE CRC7
10:30 a.m. WATER AEROBICS ADULT POOL



SMALL ARMS RANGE ON JULY 15

Security and Access Control will conduct a small arms range on July 15 from 8 - 11 a.m. Please observe the red flag hazard area. Contact Lt. Travis Mattern (480-6445) or Chief Vincent Brock (480-4445) with questions.

Vacation Bible School

Please sign-up at Island Chapel

Volunteers Welcome

Tuesday, July 25 through Saturday, July 29
Ages 4 -14
5:30 p.m. to 8:15 p.m.

Religious Education Building (REB)

480-3505

kwajchapel@gmail.com

THEOLOGY ON TAP

Monday, July 17

6:30pm at the Adult Rec Center

“Idols; Blocks To A Meaning-Filled Life”

ISLAND MEMORIAL CHAPEL

“MAN CAMP”

BBQ Party

11 A.M. - 1 P.M.
JULY 24
CORAL SANDS PAVILION

Join us as we show the men and women living at the LSA how much we love and appreciate them. The Chapel will provide hot dogs, hamburgers, sides and desserts to share.

2022 DRINKING WATER QUALITY REPORT

Available at Kwajalein and Roi-Namur:

- Post Offices
- Libraries
- Air Terminals
- Dock Security Check Points

PUBLISHED BY VECTRUS FOR U.S. ARMY GARRISON-KWAJALEIN ATOLL. JUNE 2023.

2022 Water Quality Report ebojak non aolep armij ro ilo USA-KA lale ej kwalok kin melele ko raurok kin dren in idrak eo ion USAG-KA.

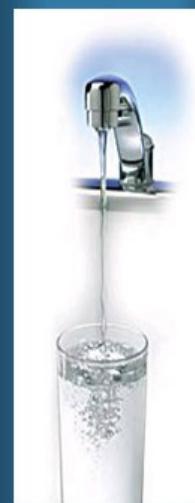
Ebojak ilo Kwajalein im Roi-Namur:

- Post Offices
- Libraries
- Air Terminals
- Dock Security Check Points

Contact Environmental at 480-0722 for information.

The 2022 Water Quality Report is now available to all USAKA residents with important information about drinking water at USAG-KA.

2022 Water Quality Report



It's everyone's problem. Please lend a hand.

Pollution and litter in and around the world's oceans poses a growing problem. Plastic waste and other discarded trash endangers wildlife, negatively affects natural habitats and ruins the natural world for all of us. Please remember to discard trash in the proper receptacles around Kwajalein.

UXO SAFETY REMINDER

PUBLIC SAFETY ANNOUNCEMENT

Unexploded ordnance should be treated like dangerous sea creatures: Look, but do not touch.

You can play an important role in keeping Kwajalein safe by knowing what to do when you spot unexploded ordnance.

- Remember the three R's of UXO:
- Recognize an item as possible unexploded ordnance;
- Retreat from the area of the UXO;
- Report suspected UXO immediately.

If you discover an object that could be UXO, notify Kwajalein Explosive Ordnance Disposal immediately by calling 480-1433.

You can also call CPS at 480-4445.

Provide the following information about what you found:

- **Location.** Note helpful details like the building number, GPS coordinates and any prominent landmarks

Dangerous remnants of war deteriorate over the years—sometimes beyond recognition. Unexploded ordnance should only be handled by a trained professional.

Right: A Japanese knee mortar recovered on Kwajalein in 2020 looks very different from its accompanying reference photo.

You can do your part to keep Kwajalein safe. Listen for more UXO safety tips at the next island orientation. To learn more, call Kwajalein EOD at 480-1433.



- Size of the UXO as compared to common items like a football or scuba air cylinder

For a detailed refresher on UXO safety, attend the new island orientation or call Kwajalein EOD at 480-1433.

Kememjey 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 kabokkolok eo ien eo emokajitata non EOD ilo nomba kein (480-1433) ak CPS (480-4445).

Ken melele kein: la 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 wat jab jibwe. Non bar kakememjey eok, eokwe jouj im koba lok ilo Island Orientation allon otemjey.

NAN, INC. SAYS SAFETY FIRST BEFORE FY21 AFH DEMO

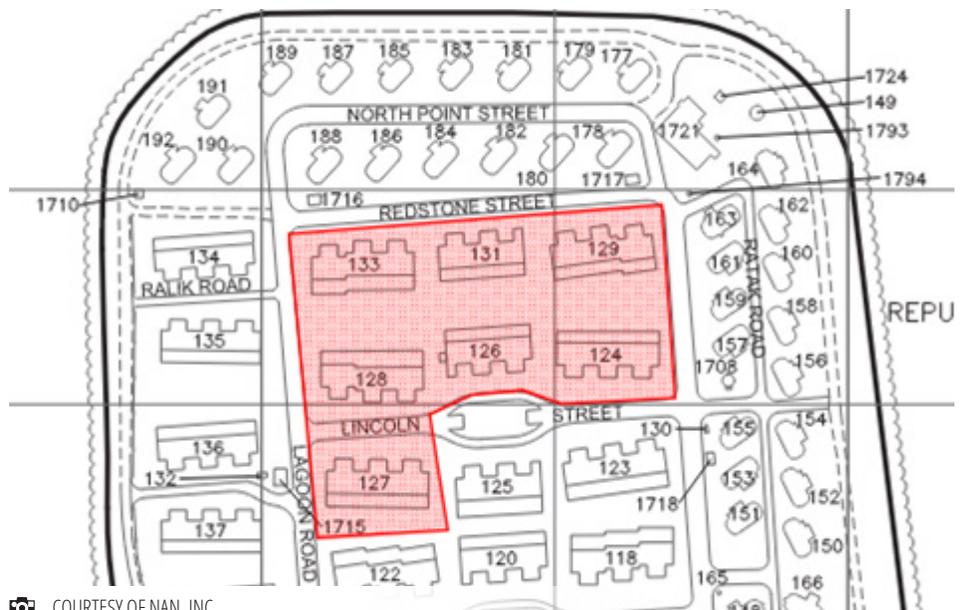
COMMUNITY CONNECTION

Nan, Inc. construction company has begun mobilization and preliminary activities for the upcoming FY21 Kwajalein Army Family Housing project in our community.

From June to August 2023, Nan personnel will establish clear boundaries by setting up fencing around the construction site. Additionally, vegetation removal will be carried out in compliance with environmental regulations.

Nan prioritizes safety and will implement strict protocols throughout the construction process. The company aims to minimize disruptions and to maintain open communication within the community and with residents.

For inquiries or more information, please contact the project team at 480-2632. Nan, Inc. appreciates the support and cooperation of the community for this transformative construction project.



COURTESY OF NAN, INC.

Above: Nan, Inc., will erect a safety perimeter around select areas of North Point Housing as the demolition of the 1980s-era homes is scheduled to begin this summer.

THE SEVEN DEADLY SWIMS

- ☠ Swimming outside a designated swimming area
- ☠ Swimming without a life jacket
- ☠ Jumping into unknown waters
- ☠ Swimming under the influence of alcohol/drugs
- ☠ Holding your breath too long while swimming
- ☠ Challenging someone to swim across a cove, lake, or pond or to an object such as a buoy
- ☠ Swimming to rescue a person, boat, beach ball, or some other object



US Army Corps
of Engineers®



ARE YOU PREPARED TO SWIM SAFELY?

FIND OUT MORE ABOUT WATER SAFETY IN AND AROUND KWAJALEIN.
CONTACT YOUR SAFETY OFFICER FOR MORE INFORMATION.



WEATHER WATCH

RTS WEATHER STATION STAFF

WEATHER DISCUSSION

A relatively fair-weather pattern will bring Kwajalein into the weekend. The Tropical Upper Tropospheric Trough to our north high in the atmosphere that help bring some very active weather to Roi-Namur on Friday, is waning and becoming less of a factor on the atoll, as it shifts to the east.

This will bring a drier trade wind pattern, that will persist through the weekend with partly sunny skies and isolated to stray trade wind induced showers. Also, the Intertropical Convergence Zone is expected to remain south of the RMI and keep significant shower activity with it until Monday afternoon, when it is anticipated to draw closer to the central RMI and increase our shower chances.

Northeasterly trade winds on Friday that started out in the moderate to fresh range (16-21 knots), gradually will decrease into this weekend to 11-16 knots as the pressure gradient relaxes and will further decrease on Monday.

As we move into the workweek, expect a series of trade wind troughs to pass through the RMI from the central Pacific. These disturbances will keep periods of intermittent isolated showers in our area with heavier showers on Thursday.

SATURDAY

Partly sunny with quickly moving stray showers. Winds will be ENE-E at 12-17 knots with higher gusts near any showers.

SUNDAY

Mostly sunny with stray to isolated showers. Winds NE-E at 10-15 knots with higher gusts near any showers.

MONDAY

Partly sunny with isolated showers. Winds ENE-E at 8-13 knots with higher gusts near showers.

TUESDAY THROUGH FRIDAY

Trade wind troughs will pass through the central RMI from the east, bring short periods of showers. We are expecting Thursday to be the wettest day in the coming workweek due to increased wind speed convergence.

Sky conditions will be partly sunny for the most part in between showers with winds in the 8-13 knot range, increasing on Wednesday afternoon into Thursday.

It is always a good day to dive on Kwaj. Then again, maybe not.

If you are a newcomer or a visitor to U.S. Army Garrison-Kwajalein Atoll, get to know the atoll weather and tides. You can learn more at <https://www.rts-wx.com/forecasts-kwajalein-atoll-forecast>.

Special thanks to Heather Miller for permission to print this beautiful photo from December 2019.

Heather Miller
PHOTOGRAPHY

SUN-MOON-TIDES				
	SUNRISE SUNSET	MOONRISE MOONSET	HIGH TIDE	LOW TIDE
SUNDAY	6:36 a.m. 7:12 p.m.	----- 11:55 a.m.	8:26 a.m. 3.9' 9:13 p.m. 3.2'	2:07 a.m. 0.5' 2:56 p.m. 0.3'
MONDAY	6:36 a.m. 7:12 p.m.	12:19 a.m. 12:46 p.m.	9:21 a.m. 3.4' 10:21 p.m. 3.1'	3:08 a.m. 0.9' 3:50 p.m. 0.6'
TUESDAY	6:37 a.m. 7:12 p.m.	1:01 a.m. 1:36 p.m.	10:28 a.m. 2.9' 11:39 p.m. 3.2'	4:27 a.m. 1.1' 4:52 p.m. 0.8'
WEDNESDAY	6:37 a.m. 7:13 p.m.	1:44 a.m. 2:27 p.m.	11:53 a.m. 2.6' -----	6:06 a.m. 1.2' 6:03 p.m. 0.9'
THURSDAY	6:37 a.m. 7:13 p.m.	2:28 a.m. 3:20 p.m.	12:55 a.m. 3.3' 1:19 p.m. 2.5'	7:35 a.m. 1.0' 7:11 p.m. 0.9'
FRIDAY	6:37 a.m. 7:13 p.m.	3:15 a.m. 4:13 p.m.	1:56 a.m. 3.6' 2:24 p.m. 2.6'	8:37 a.m. 0.7' 8:07 p.m. 0.7'
JULY 15	6:37 a.m. 7:13 p.m.	4:05 a.m. 5:06 p.m.	2:44 a.m. 3.8' 3:13 p.m. 2.7'	9:23 a.m. 0.4' 8:54 p.m. 0.5'

NEED A NOTARY? TRY HAWAII.

Until USAG-KA gets a new attorney on island, Kwaj and Roi-Namur residents can reach out to any of the following Hawaii Notaries for remote services. Remote means the notary can conduct notarizations over the internet and live audio-video call.

Harrop Grayson II 808-372-6076
 Nicolas Vargas Calvo 808-304-6900
 Karin McCauley 808-349-5216
 Michelle Miller 808-383-2298

gharrop@wegonotary.com
 worldclassnotary@gmail.com

<https://notary.ehawaii.gov/public/publicsearch.html>



See you later - Bar lo eok!