

VOLUME 60 NUMBER 38

SEPTEMBER 21, 2019

# THE KWAJALEIN HOURGLASS



## THIS WEEK

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KWAJ KIDS CHECK OUT A KWAJALEIN FIRE  
DEPARTMENT ENGINE WITH FIREFIGHTER  
ZACH URBAN AT THE BIKE RODEO SEPT. 14.



JESSICA DAMBRUCH





U.S. ARMY PHOTOS BY JESSICA DAMBRUCH



# RTS RANGE DIRECTOR PROMOTES SOLDIERS

BY JESSICA DAMBRUCH

**U.S. Army** Garrison-Kwajalein Atoll offers congratulations to two U.S. Army Soldiers promoted in ceremonies on Roi-Namur Wednesday, Sept. 18.

Ronald Reagan Ballistic Missile Test Site Range Director Lt. Col. Jake Wamsley awarded promotion honors to Chief Warrant Officer 2 Michael J. Mitchell, 500th MI BDE; and Maj. Cameron Ehrenbeit, U.S. Space and Missile Defense Command, ROC-H Huntsville Space Operations Directorate.

"It's extremely rare to have the opportunity to perform these honors here," said Wamsley of the double promotion.

Following the ceremonies, the Soldiers celebrated with family members, Army personnel and RTS staff at a local beach.

As they enjoyed the water and beautiful weather, the Soldiers discussed their future plans and goals.

Ehrenbeit shared his thoughts on reaching a significant military career milestone on a tropical island.

"It doesn't get much better than this," he said.

1) Ronald Reagan Ballistic Missile Test Site Range Director Lt. Col. Jake Wamsley, RTS director, right, leads the U.S. Army promotion ceremonies for Maj. Cameron Ehrenbeit, U.S. Space and Missile Defense Command, ROC-H Huntsville Space Operations Directorate. 2) Wamsley, right, congratulates Chief Warrant Officer 2 Michael J. Mitchell, 500th MI BDE on earning his promotion Sept. 18.

## 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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Garrison CSM.....Sgt. Maj. Kenyatta Gaskins  
Public Affairs Officer.....Mike Brantley  
Communications Manager.....Jordan Vinson  
Communications Specialist.....Jessica Dambruch





1) Jan Potter, left, helps students learn about vehicle safety. 2) Kwajalein Police Department Lt. Brian Richey gives Gabriel Makovec a sticker for excellent road safety skills. 3) Chevelle Eiswirth and Mariel Pace get ready to roll at the Bike Rodeo.

# SAFETY FIRST AT BIKE RODEO

BY JESSICA DAMBRUCH

**George Seitz Elementary School** students enjoyed hands-on safety training at the annual Bike Safety Rodeo Sept. 14. Coordinated by the Kwajalein Police Department, the event brings first responders, community volunteers and Kwajalein School System staff to provide opportunities to practice safe bicycle skills in a supportive learning environment.

To begin the morning, students attended a classroom presentation on turning signals and road signs provided by KPD Sgt. Miles Eiswirth before taking their knowledge on the road.

"Okay, let's all practice signaling," said Eiswirth. "I'm sure you all know your left from your right hand. No? That's okay, we'll get there. It's all about learning."

Outdoors, students retrieved their bikes and met with event coordinator Sgt. Augustin Torres for an activity briefing. Together they would travel through skills checkpoints arranged around a residential block near Child and Youth

Services' Central Registration and demonstrate proper road skills. Some members of the ambitious kindergarten class opted to complete the course on foot, accompanied by adult volunteers, as they are not yet ready to travel on bike.

The students maneuvered through skills like left- and right-handed turn signaling, proper braking distance and obeying road signs. Those who needed extra practice received safety reminders with words of encouragement from classmates and volunteers.

"Remember, watching others on the road is important," said one volunteer as a student rolled through a stop sign. "We'll step on those brakes sooner next time. Let's practice that again."

Upon successful completion of a checkpoint, a member of the Kwajalein Fire Department or Police Department awarded stickers and directed them to their next stop.

At one checkpoint, students stopped at a stop sign to wait for volunteers dressed as cars to pass.

"Stop at the stop sign," said GSES teacher Jamie Norton, crossing the road dressed in a red car costume.

When he saw one running Kindergarten running at top speed, Jan Potter, the blue car, stood his ground.

"Watch out for cars," Potter said. He progress walked across the intersection until he was sure the young commuter understood, and then let him pass.

"Time and again, this event is a success because of the hard work of the volunteers in the community," said KPD Chief Dennis Johnson.

Students who finished the course early hydrated at a drinking water station and checked out a fire engine and ambulance, courtesy of the Kwajalein Fire Department.

"It was a joy working with these great volunteers," said Torres. "The kids did a great job, and I really enjoyed getting to see them learn about road safety."

No doubt the roads will be safer in the weeks to come, thanks to Kwaj kids as they test their road skills on the long commute to and from school.



# SCUBA DIVING SAFETY TIPS

Always dive with a buddy. Never dive alone.

Wait at least 12 hours before flying after doing a single dive.

Divers Alert Network recommends refraining from strenuous work at least 24 hours before AND after diving.

Keep your gear up-to-date and serviced regularly. DAN recommends that regulators get overhauled at least once a year.

Each diver should have their own computer.

On any given dive, both divers in the buddy pair should follow the most conservative computer.

Do not ascend greater than 60 feet per minute.

Even if not required, always make a safety stop at 15 feet for at least three minutes.

Start the dive day with the deepest dive first.

Avoid making multiple deep dives on the same day.

Remember to hydrate! Always liberally drink water before and after every dive.



## NATURE SHOT



# UNICORNFISH

📷 COURTESY OF JORDAN VINSON

BY JORDAN VINSON

**This spotted unicornfish**, *Naso breviostris*, was photographed during a recent scuba dive at Troy's Coral Head, located north of Carlson (Enubuj) island. These funny looking unicorns are reef dwellers, and they're found throughout the Indo-Pacific region, from the Red Sea and the Marquesas to the Hawaiian Islands and Micronesia.

Their most striking feature is, of course, the horn-like protrusion jutting out of their heads, hence their common and scientific names. (*Naso* means nose in Latin.) Surprisingly, there is no consensus among marine biologists as to the true purpose of this horn, though its role in the fish's defenses has been ruled out. Instead, when they get into fisticuffs they use their sharp tails to lash their predators, which range from larger, pelagic fish to sharks; or they simply flee.

*Naso Brevirostris* is a vegetarian,

spending its time feeding on small plants, vegetation and algae. In fact, its tiny mouth is perfectly shaped and sized to pluck algae from coral without damaging the coral with its teeth—talk about a win-win for both coral and fish. They are found in the lagoons and outer reef slopes in the Marshalls, living at various depths, from 10 feet down in the sun-washed shallow coral tops to 46 meters in depth. And they tend not to school together, preferring small groups, sometimes found in pairs.

The International Union for the Conservation of Nature has the spotted unicornfish listed as a species of least concern. These fish are not a focus of species conservation.

### Sources:

<https://www.leisurepro.com/blog/explore-the-blue/whitemargin-unicornfish/>

<https://www.fishbase.se/summary/Naso-brevirostris>



## KWAJALEIN SCHOOL SYSTEM PHOTOGRAPHER NEEDED

**The Kwajalein School System is looking for a school photographer for the 2019-20 school year. For more information or to receive a spec sheet, please contact Kwajalein Jr.-Sr. High School at 5-2011. Bids should be submitted to the high school no later than Sept. 24.**

# DPW HOME IMPROVEMENT

## HOURLASS REPORT

**The Directorate of Public Works** at U.S. Army Garrison-Kwajalein Atoll encourages the island community to report maintenance issues as part of its ongoing initiative to improve health and safety for the garrison's quarters. For DPW, all home repair issues matter, and none are too small to be addressed.

### Home Repair on the Range

Proactive occupants who enjoy home repair can perform simple maintenance tasks with a stock of free supplies at the Self-Help Warehouse. Items available include air filters, pest traps and paint. More complex issues should be reported to the Service Desk at 5-3550. Technical teams deployed by the Help Desk field everything from pest problems and plumbing to water leaks and carpentry.

### Keeping Safe and Sound

Commonly reported issues are often related to environmental conditions and wear and tear, such as fallen coconuts, worn weather seals, air-conditioning issues, or broken tiles and light fixtures. Service Desk callers should ask for a confirmation number used to track repairs.

The garrison currently mandates annual housing and fire safety inspections. These visits allow trained inspectors to detect latent issues before they grow into dangerous fire hazards and "prior-

ity one" issues, or problems that impact life, health and safety. Priority one maintenance technicians check for lead paint, asbestos, molds and mildews.

"All of the priority one housing issues reported since March and April are now addressed," said Dave Cummins, chief of operations, maintenance and utilities for DPW. "We're doing exactly what is needed to keep the garrison to code. When lead and asbestos are identified and found, they are immediately removed or encapsulated."

### New and Improved

**"Remember to call in any issues that you spot in your quarters while living on Kwajalein."**

**—Derek Miller**

Since 2018, the garrison has also updated maintenance post-occupancy protocols to protect the structural integrity of quarters and the health of their current occupants.

According to DPW Master Planner Scott Hill, more than 370 quarters will benefit from these revised plans, which include upgrades to appliances and cabinet systems in accordance with recent changes made to the installation domicile design guide.

"We also changed the process for replacing air-conditioning systems," said Cummins, who calls the post-occupancy

maintenance "a total envelope of restoration."

"We completely eliminated new air-conditioning internal insulation in homes. We now only install exterior stainless-steel ducting. This eliminates avenues for mold to enter a home. We have not yet replaced everything on island, but we are moving forward. We have adopted exterior ducting as a solution."

With annual garrison quarters inspections coming up, DPW reminds all residents to check the official USAG-KA Facebook page, the Kwajalein Hourglass and the AFN roller channels for updates on the inspection schedule.

### Community Teamwork

The team thanks the island community for doing their part to report maintenance issues.

"We are seeing improvements in housing conditions and our responsiveness to maintenance calls," said Derek Miller, DPW environmental engineer. "Remember to call the Help Desk with any type of pest related issue around your quarters."

For Cummins, maintenance comes down to being a good steward of government property.

"Our quarters are a home away from home, and they also belong to the garrison commander," he said. "Your vigilance helps us keep future occupants safe. It's an important job, and we appreciate your vigilance."

## Need Housing Repairs?

Call the Service Desk at 5-3550.

After going through the service desk process, if you continue to experience issues, contact us.

Daniel Forsgren, 5-2465  
daniel.r.forsgren.ctr@mail.mil

Scott Hill, 5-0133  
michael.s.hill86.civ@mail.mil

Derek Miller, 5-2283  
derek.d.miller14.civ@mail.mil

We will work with you to resolve your issue.







📷 COURTESY OF CHRIS CHERRY

1



2

📷 U.S. ARMY PHOTO BY JESSICA DAMBRUCH



📷 COURTESY OF JORDAN VINSON

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📷 U.S. ARMY PHOTO BY JESSICA DAMBRUCH

1) Members of team Smoking Tuna proudly display a trophy and flag for their winning catch in the recent 2019 All Micronesia Fishing Tournament in Majuro. 2) Kwajalein Police Department Sgt. Augustin Torres directs Kwaj kids to an obstacle course during the Sept. 14 Bike Rodeo. 3) Low tides reveal an easy path from Gugeegue to Ninji, the northernmost island along the island chain stretching north from Ebeye. 4) LOGCAP's Daniel Forsgren, LOGCAP billeting, custodial and housing manager, left; Samuel Wael billeting coordinator; Buddy Edwin, billeting lead; Antonia Fraser, billeting coordinator; and Mary Taylor, LOGCAP community activities director, right, gather for the presentation of DI Spot awards for excellent service last week at the Kwaj Lodge.

## KYC Annual Swashbucklers Ball

Dress in your best pirate gear and join the crew!  
Sunday, Oct. 27, 6:30 p.m.  
at the Kwajalein Yacht Club



This year's theme is Shipwreck. Open to all adults on island. Music provided by island DJs. This is a potluck event. All food will be staged at Camp Hamilton. Be there or walk the plank!







# THE RULES OF THE ROAD

BY MIKE BRANTLEY / USAG-KA PUBLIC AFFAIRS

*Last week, we discussed everything you need to know regarding speeding and parking on Kwajalein. In week six of our seven-part series, our focus shifts to the Implied Consent Provision.*

## IMPLIED CONSENT PROVISION

### **Implied Consent to Blood, Breath or Urine Tests**

While operating a vehicle on a military installation it is implied that, if lawfully stopped, apprehended or cited for an offense committed while operating or in control of a vehicle, the individual has given "implied consent" to the search of his/her person.

An individual's refusal under the "Implied Consent" provision may automatically result in up to a one-year revocation of driving privileges. Mandatory revocation of driving privileges for refusal to submit to, or complete a chemical test shall not prevent initiating judicial, non-judicial or administrative action against an individual based on other competent evidence.

The law enforcement official relying on implied consent will warn the person that driving privileges will be revoked if they fail to voluntarily submit to or complete a requested chemical test.

The person does not have the right to have an attorney present before stating whether he or she will submit to a test, or during the actual test.

When a person suspected of driving while intoxicated refuses the request to voluntarily submit to or complete a breath or body fluid test, the apprehending law enforcement officer will complete a sworn statement describing the events relating to the offense including the refusal to submit to chemical testing. The garrison commander, upon receipt of the sworn statement, may take action to order a person to submit a BAC test.



## LOGCAP TO OFFER MEDICAL BENEFITS TO RMI EMPLOYEES

DynCorp International is pleased to offer medical and life insurance benefits to all RMI employees. Information regarding the benefits will be shared on the following dates and times:

**Where:** Island Memorial Chapel, Kwajalein

**Sept. 24** – 7 a.m.; 9:30 a.m.; 1 p.m. and 2:30 p.m.

**Where:** Tradewinds Theater, Roi-Namur

**Sept. 25** – 9 a.m.; 11 a.m. and 1 p.m.

**Sept. 26** – 9 a.m.; 11 a.m. and 1 p.m.

All RMI employees must attend one of these sessions to sign up for medical benefits and/or life insurance. Supervisors, managers and directors should ensure that their RMI employees are aware of these meetings and attend.

Employees interested in medical insurance should provide the following documents when they come to a session:

- Legally married spouse of the same or opposite sex – certified marriage certificate
- Children up to age 26 – certified birth certificate, adoption agreement, court/agency approved documentation
- Disabled Child – executed Incapacitated Dependent Certification Form available through healthcare provider and or your local human resources generalist.

Employees should know the birthdates and MISSA numbers for dependents they select for Medical Insurance. Mailing addresses will be required for dependents and beneficiaries.

## ATI CHECK-IN TIMES

Early departures—7:45-8:15 a.m.;

All other departures—8-8:30 a.m.

\*Check with your ATI flight representative to confirm check-in and flight departure times.

## UNITED CHECK-IN TIMES

Monday, United 155—3:30-4:45 p.m.

Tuesday, United 154—11-11:30 a.m.

Wednesday, United 155—2:30-3:45 p.m.

Thursday, United 154—11:30 a.m.-Noon.

Friday, United 155—3:30-4:45 p.m.

Saturday, United 154—11-11:30 a.m.

## SHUTTLE BUS SERVICE

To set up a pick-up time for the shuttle please call 5-8294 or 5-3341. If a representative cannot be reached, please leave a detailed message and your phone call will be returned as soon as possible. Shuttle services start one hour prior to check-in times for United flights and 0700 for the ATI.

# GEORGE SEITZ ELEMENTARY SCHOOL NEWS



U.S. ARMY PHOTO BY JARETT NICHOLS

*Kwajalein School System students and staff perform at the 2018 Manit Day final celebration event at the CRC Gym.*

## BY THE KWAJALEIN SCHOOL SYSTEM

**Each year**, George Seitz Elementary School chooses a theme during the month of September to honor the “Manit,” or culture of the Marshall Islands. This year’s theme is “Kojwoj Ej Meram Eo,” which refers to the light we all have that brings us together for success.

In the Marshallese culture, this feeling of sharing, caring and working together is the anchor for their beliefs. This bond helps to strengthen their identity and helps us all realize that we are connected.

### **Students Study Marshallese Culture**

In the next two weeks, each grade level will be encouraged to foster Marshallese cultural awareness by reading legends, creating storyboards, weaving palm fronds, telling stories, learning parts of the language, creating tattoo designs, stick charts and even walking in nature to identify plants.

At home, each student will design a boat for floatability and create piece of recycled art that depicts anything you may see above land, such as the sun, stars and moon.

Our final celebrations will be on the Manit Day Holiday, Friday, Sept. 27. Students will tour the Marshallese Culture Center in the morning and then test their boats at the Millican Family Pool in the

afternoon. We will have food tasting and dancing at the Corlett Recreation Center gym Saturday, Sept. 28, from 1:30 to 3:15 p.m. All are invited to attend.

***Enriching our lives through the spirit of the Marshallese culture creates a brighter light.***

### **Tea with Mrs. D**

You are invited to have tea with Mrs. Susan Davis, KSS lead administrator, Thursday, Sept. 26, from 9-10 am. Please check in at the office and meet her in the elementary school Library. She looks forward to getting to know our GSES families.

### **KSS Parent Teacher Organization**

The Parent Teacher Organization needs you. All PTO board positions need to be filled for the current school year. If you are interested, please contact the school at 5-3601. We would love to help get this organization up and running as soon as possible.

### **Kommol Tata, Bike Rodeo Volunteers**

The students enrolled in kindergarten through fourth grade learned important rules of the road at the Bike Rodeo last week. We thank the Kwajalein Police Department, Kwajalein Fire Department, Island Memorial Chapel and the countless volunteers who helped make this event a great success.



## **Important Dates**

**Tuesday, Sept. 24- Oct. 5**

Fifth Grade Swim Lessons begin  
Millican Family Pool

**Thursday, Sept. 26**

Tea with Mrs. Davis, 9-10 a.m.  
GSES Library  
All parents are invited to attend

**Friday, Sept. 27**

K – 6th grade  
Morning trip to Marshallese Culture Center

**Friday, Sept. 27**

K – 6th grade Boat Float  
Millican Family Pool, time TBA

**Saturday, Sept. 28**

Final Celebration, 1:30 p.m. CRC Gym

## **GSES Contact Information**

**Main Office 5-3601**

**Susan Davis, Principal**

daviss@kwajalein-school.com

**Jennifer Hill, Admin Assistant**

hillj@kwajalein-school.com

**Anne Dowell, Registrar**

dowella@kwajalein-school.com

**Dr. Lauren Wallach, Counselor**

wallachl@kwajalein-school.com





## SCARY STORY WRITING CONTEST

**The Kwajalein Hourglass** and Kwajalein AFN invite young writers in the community to write original, short stories for the chance to win our Scary Story Writing Contest. A selection of winning stories will be published in the Halloween edition of The Kwajalein Hourglass. Select winners will also be adapted into screenplays, filmed and produced for the Halloween edition of the Kwaj Current TV Show.

### Who Can Enter

This creative writing contest is open to all students in grades 5-12 enrolled in the Kwajalein School System or a Kwajalein-based homeschool.

### Submission Rules

Working individually or in teams, students will create a piece of original, creative writing suitable for the Halloween season. Stories should be no more than 1,000 words. Writers are encouraged to set their stories in or around Kwajalein Atoll.

### Deadline

Please send submissions to [kwajaleinhourglass@dyn-intl.com](mailto:kwajaleinhourglass@dyn-intl.com) by Oct. 5. All submissions should include a title, the author(s) name, grade and a contact phone number. For more information, please write to [kwajaleinhourglass@dyn-intl.com](mailto:kwajaleinhourglass@dyn-intl.com).

### Writing Tips

Be creative, be scary and have fun. Contest entries can be written in a style that best suits the author. Short stories, "fake news" briefs, movie scripts or a unique combination of the author's choice are all acceptable. Writers are also encouraged to write using any combination of the genres or ideas below:

**Ghost stories/Folklore**  
**Horror**  
**Fantasy**  
**Science Fiction**  
**Realism**  
**"Fake" news reports**

**Thriller/Suspense**  
**Comedy**  
**Life on Kwajalein**  
**Detective**  
**Unsolved Mystery**  
**Science writing**

For more information, please write to [kwajalein-hourglass@dyn-intl.com](mailto:kwajalein-hourglass@dyn-intl.com).

## It's That Time.

**School is back** in session. All children attending Kwajalein School System programs need to be up-to-date with the 2019 CDC immunization schedule. Notifications are being sent out to remind parents which specific vaccines their children need. Please make an appointment at the Kwajalein Hospital for the vaccines needed. Vaccines must be completed by Oct. 23.

## Why get vaccinated?



### Protect yourself and your family:

When you and your family get vaccinated, your health is protected.



### Protect your community:

When most members of a community are vaccinated, it greatly reduces the chance that a disease outbreak will occur.



### Protect your world:

Strategic vaccination campaigns can significantly reduce the number of people who get sick from infectious disease.

**Vaccines are safe, effective and the best way to prevent disease!**

## ROCK OUT TO AFN LEGACY

AFN KWAJALEIN HAS ADDED "AFN LEGACY," THE CLASSIC ROCK STATION, AT THE 99.9 FREQUENCY AND ON THE AFN ROLLER TV CHANNEL. KWAJALEIN'S "THE WAVE" PROGRAMMING REMAINS AT 99.9. "HOT ADULT CONTEMPORARY," ORIGINALLY AT 99.9 NOW LIVES AT 104.1.

102.1 REMAINS THE FREQUENCY FOR NPR; WEEKDAY AFTERNOONS WE WILL SWITCH FROM NPR TO A DIFFERENT AFN CHANNEL TO ADD MORE VARIETY ON THIS FREQUENCY. QUESTIONS? SEND AN EMAIL TO [JORDAN.VINSON@DYN-INTL.COM](mailto:JORDAN.VINSON@DYN-INTL.COM).



# RESEARCHERS JOIN FORCES; EXPERIMENT WITH LATEST TECHNOLOGIES TO SUPPORT FUTURE MILITARY OPERATIONS

## EXTERNAL REPORT

By U.S. Army CCDC  
Army Research Laboratory

**ADELPHI, MD.**—Supporting future military operations in challenging urban environments was a recent topic in New York City. The United States hosted multiple teams of scientists and engineers from Australia, Canada, New Zealand and the United Kingdom for the Technical Cooperation Program Contested Urban Environment, or TTCP CUE 2019, strategic challenge last month.

Researchers from the U.S. Army Combat Capabilities Development Command Army Research Laboratory led experiments where a Soldier used a system using only hand gestures and head gaze (i.e., where the Soldier was looking) to deliver commands for tasking an autonomous robot to conduct intelligence, surveillance and reconnaissance missions.

CCDC ARL's Dr. Christopher Reardon leads the Soldier-signaled ground robot navigation and mapping, or SSGRNM, team along with researchers Jason Gregory and Kevin Lee. He said the "artificial intelligence-enabled robot navigated and explored autonomously under the Soldier's direction."

"The robot's sensor readings were used to map the urban environment and locate an object of interest, and this information—including map, robot's location and plan and object location—were transmitted to the human and displayed on a head-worn augmented reality device," Reardon said.

The information provided situational awareness for the Soldier as he walked through the environment with the robot. "Conducting experiments in these real urban environments in one of the biggest cities in the world allowed participants to explore the limits of their technologies," Reardon said.

The Army team collaborated closely with Australia's Defence Science Technology, led by Geoffrey White and Ki Ng.

"Our Remote Autonomous Systems of the future will need to protect the Soldier and enable them to fight with a technological overmatch," White said. "These systems allow the Soldier to have a virtual presence removing them from the harm of an initial contact. Gesture and other modalities of control such as speech and haptics allow these autonomous systems to be controlled in a more intuitive and effective manner, without distracting from the task at hand. Working collaboratively with our coalition partners means we can leverage from each other's expertise, reduce duplication and focus on our combined problems to bring our soldiers home safely."

Reardon said the team's research is important to the Army as it combines emergent human-robot teaming technologies—mixed reality and gesture control—with fully autonomous robots in field environments and tested the system with Soldier input.

"While there are research efforts in all of these areas, this was unique in that it combined the autonomous robot and human-robot teaming technologies together, without external instrumentation—no GPS or motion capture—and tested that combination in a highly-stressful urban environment in New York City," he said.

Reardon said that this type of science and technology research is a fundamental need for the Army.

"Academic research makes important contributions to the capabilities necessary to solve those problems and industry creates solutions that work well in engineered or known environments," Reardon said. "Events like TTCP CUE allow us to bring together multiple technical solutions and test them in un-engineered, unknown, real-world



U.S. ARMY PHOTO BY CHRIS KAUFMANN

*A Soldier, using gestures and gaze, directs an autonomous robot. Inset: Equipped with an augmented reality headset, the Soldier sees the robot's map and navigation plans in real-time as it executes the Soldier's commands.*

environments and stress these technologies, and do so in cooperation with our allies."

The team plans to build upon its collaboration with DST and to continue teaming Soldiers with autonomous mobile platforms.

*The CCDC Army Research Laboratory is an element of the U.S. Army Combat Capabilities Development Command. As the Army's corporate research laboratory, ARL discovers, innovates and transitions science and technology to ensure dominant strategic land power. Through collaboration across the command's core technical competencies, CCDC leads in the discovery, development and delivery of the technology-based capabilities required to make Soldiers more lethal to win our Nation's wars and come home safely. CCDC is a major subordinate command of the U.S. Army Futures Command.*

## VISIT USAG-KA ONLINE.

For community updates, and episodes of the Kwaj Current, please visit the official USAG-KA Facebook page and YouTube channel. For command information questions, please contact Public Affairs at 5-4848.





# WEATHER WATCH

BY RTS WEATHER STATION



**WEATHER DISCUSSION:** A monsoon trough continues to be located along 12N, stretching to the date line and bringing westerly winds to the region. The monsoon trough will decay and recede westward in next few days. The west winds will diminish, and we will have a period of calm wind late Monday going into Tuesday. Winds will be more northerly next week. We are in peak of the wet season now, but we expect below-average rainfall.

**SATURDAY:** Partly sunny with widely scattered showers (20 percent coverage). Winds SW at 7-12 knots.

**SUNDAY:** Partly sunny with isolated showers (10 percent coverage). Winds SW at 7-12 knots.

**MONDAY:** Partly sunny with isolated showers (10 percent coverage). Winds SW at 7-12 knots becoming light and variable.

## SUN-MOON-TIDES

	SUNRISE SUNSET	MOONRISE MOONSET	HIGH TIDE	LOW TIDE
<b>SUNDAY</b>	6:38 a.m. 6:46 p.m.	----- 12:51 p.m.	8:31 a.m. 2.3' 9:29 p.m. 2.9'	2:41 a.m. 0.9' 2:28 p.m. 1.0'
<b>MONDAY</b>	6:38 a.m. 6:45 p.m.	12:50 a.m. 1:48 p.m.	10:55 a.m. 2.0' 11:48 p.m. 3.0'	4:48 a.m. 1.1' 4:39 p.m. 1.3'
<b>TUESDAY</b>	6:38 a.m. 6:44 p.m.	1:47 a.m. 2:45 p.m.	1:12 p.m. 2.4' -----	6:59 a.m. 0.8' 6:51 p.m. 1.0'
<b>WEDNESDAY</b>	6:38 a.m. 6:44 p.m.	2:47 a.m. 3:43 p.m.	1:20 a.m. 3.5' 2:10 p.m. 3.0'	8:02 a.m. 0.2' 7:58 p.m. 0.4'
<b>THURSDAY</b>	6:38 a.m. 6:43 p.m.	3:49 a.m. 4:38 p.m.	2:16 a.m. 4.1' 2:52 p.m. 3.6'	8:45 a.m. -0.4' 8:47 p.m. -0.2'
<b>FRIDAY</b>	6:38 a.m. 6:43 p.m.	4:49 a.m. 5:32 p.m.	3:01 a.m. 4.6' 3:30 p.m. 4.2'	9:23 a.m. -0.8' 9:29 p.m. -0.7'
<b>SEPTEMBER 28</b>	6:38 a.m. 6:42 p.m.	5:49 a.m. 6:24 p.m.	3:42 a.m. 5.0' 4:06 p.m. 4.6'	9:59 a.m. -1.1' 10:09 p.m. -1.0'

## WELL SAID.

"Be yourself; everyone else is already taken."

— Oscar Wilde

## GET CURRENT.

CLICK THE LOGO TO CATCH THE LATEST EPISODE OF THE KWAJ CURRENT ON CHANNEL 29-1.



**GO GREEN FOR GROCERIES!  
REMEMBER TO BRING YOUR REUSABLE BAGS TO SURFWAY.**

## KWAJALEIN HOSPITAL PUBLIC HEALTH UPDATE

### DENGUE FEVER OUTBREAK



Dengue is a viral illness spread through the bite of infected mosquitoes. It cannot be passed from person to person.

There are no cases here on Kwajalein and there is a low risk to Kwajalein residents and workers when on the island.

How can I protect myself, my co-workers and my family?

- Limit travel to Ebeye and Majuro until the Marshallese government has declared the outbreak to be over.

If you are concerned, the Centers for Disease Control advise using insect repellents and wearing long sleeves and pants.



# COMMUNITY NOTICES

## HELP WANTED

To research and apply for government employment opportunities on U.S. Army Garrison-Kwajalein Atoll and worldwide, visit [usajobs.gov](http://usajobs.gov).

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](http://www.rgnext.com).

DynCorp International (DI) is looking for qualified candidates to fill various positions. Current DI open positions on USAG-KA include education services, aviation and airfield operations, marine operations and public works among others. For more information and to apply, go to: [www.dilogcap.com](http://www.dilogcap.com) or contact your local HR representative.

## OFFICIAL NOTICES

AA meets weekly on Tuesdays from 6:30-7:30 p.m. upstairs in the REB (Rm. 213).

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

Payments for monthly telephone fees are accepted in Bldg. 702 on Kwajalein (Tue. - Sat., 1-5 p.m.), and the Finance Office at the Air Terminal on Roi-Namur during normal business hours. Payments are due the first of every month.

For billing questions, please call 5-0843.

Internet customers can access their account and pay online. Simply visit [KwajNetBilling.dyn-intl.com](http://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 via phone @ 805-355-0843 (5-0843) or email [KwajNet.Billing@dyn-intl.com](mailto:KwajNet.Billing@dyn-intl.com).

Facility Manager Evacuation Coordinator Training meets on the first and third Wednesday of each month at 10 a.m. in Bldg. 904 in the Fire Station Training Room. Call 5-3364 to sign up. There is a 15-person cap on classes.

## COMMUNITY

Enjoy your swim! The Millican Family Pool and Adult Pool will reopen Sunday, Sept. 22 after maintenance has been completed. Your continued patience is appreciated.

Fall Family Pool Hours through Dec. 18. Tuesday: 10 a.m. to 12:30 p.m. and 3:30-6 p.m.; Wednesday: 10 a.m. to 12:30 p.m. and 3:30-5 p.m.; Thursday: Closed for cleaning.; Friday: 10 a.m. to 12:30 p.m. and 3:30-5 p.m.; Saturday: 10 a.m.-12:30 p.m.; and 3:30-6 p.m. Sunday and Monday.

Environmental Training Opportunities. Do you work with Hazardous Materials, Wastes, or Petroleum Products? If you do you, are required to be trained in safe handling and awareness. Classes on Offer: Spill Notification (ENV110), HMWPP Awareness (ENV081), and HMWPP Custodian Training (ENV100) in one session. Where and When: Kwajalein: REB (FN671) Tuesday, Sept. 24, 8:30-10:30 a.m. or 1-3 p.m.; or Wednesday, Sept. 25, 8:30-10:30 a.m. Roi-Namur: TRADEX Conference Room, Saturday, Sept. 28, 8:30-10:30 a.m.; or 12:30-2:30 p.m. Please call DI Environmental with any questions at 5-1134.

Kwoj ke jermal kin men ko rekawatatata, einwot kobij ko im oil ko ak men ko jet rekawatatata? Kwar jela ke ne kwoj jermal ekwe ej aikuj lon am iminene ikijen jermal? Ewor klaj ko renaj Komman: Spill Notification (ENV110), HMWPP Awareness (ENV081), im HMWPP Custodian Trainin (ENV100) ilo juon wot klaj! la kab Naat: Ilo Kwajalein: REB (FN671); Juje 9/24, 8:30-10:30 a.m. ak 1-3 p.m.; Wonje 9/25, 8:30-10:30 a.m.; Ilo Ruwot: TRADEX Conference Room; Taije 9/28, 8:30-10:30 a.m. ak 12:30-2:30 p.m. Ne ewor am kajitok kaki, call e lok DynCorp Environmental ilo 5-1134.

## E-WARENESS: Eniwetak Conservation Area

- The Eniwetak Conservation Area was established for conservation of wildlife and coral reef. Visitors are not allowed on Eniwetak Islet without consent from USAG-KA.
- For more information call Range Generation Next at 5-8855.
- Eniwetak ej juon ian ene jidrik ko iloa Kwajalein Atoll in emoj watoke einwot juon jikin 'mo' ikijen kakkure keinikkan ko ie im eonod ak bok jeramon jen lojet eo ibelakin. Ejjab melim an jabrewot etal non ene in kenono kake elane ejellok alikar im jabrewot jen USAG-KA.

## RELIGIOUS COMMUNITY NEWS

Catholic Services on Kwaj. Sunday- 9:15 a.m. in the Main Chapel. Saturday- 5:30 p.m. in the Small Chapel. Daily Mass (Tuesday through Friday) 5:15 p.m. in the chapel office (except for second and fourth Fridays).

Interdenominational Services on Kwaj. Sunday- 8:15 a.m. Traditional Service in the Small Chapel, Sunday- 11 a.m. Contemporary Service in the Main Chapel.

Roi Chapel Services- 6:30 p.m. on Fridays. Catholic services- second and fourth Fridays. Interdenominational services- first and third Fridays.

Prayer Group. Meets in the main chapel first and third Fridays at 6 p.m. If you need prayer or you would like to join us as we pray for others, please come.

Women's Bible Study of Acts Part 1 (Jesus' Witnesses, Empowered by His Spirit). Come Study with us: (Starting Sept. 10 or 12). Workbook available for purchase - \$14. Leader Sally Bulla (Phone 5-9804). Two times offered. Tuesday, 9:15 to 11:15 a.m. or Thursday, 6:30 to 8:30 p.m. at 405-B Taro.



Check out the official USAG-KA Facebook page for community updates and information. Remember, OPSEC is everyone's business. Visit <https://www.facebook.com/USArmyKwajaleinAtoll/>

Hourglass is named for the insignia of the U.S. Army's 7th Infantry Division, which was stationed on the island from 1944 to 1964. Kwajalein Hourglass is an authorized publication of the U.S. Army Garrison-Kwajalein Atoll. The Hourglass is not necessary for official views by the U.S. Government, Department of Defense, Department of the Army or the U.S. Army Garrison-Kwajalein Atoll. It is published in accordance with Army Regulation 360-1. The K

## HOURLASS IS ON FLICKR

Visit the official Kwajalein Hourglass Flickr page for photos.

CLICK THE LOGO BELOW



## MOVIE SCHEDULE

### KWAJALEIN

7:30 p.m., Yuk Theater

Saturday Sept. 21  
Yesterday (PG-13)  
117 min.

Sunday, Sept. 22  
Yuk Theater  
Aladdin (PG)  
129 min.

Monday, Sept. 23  
Avengers: Endgame (PG-13)  
182 min.

### ROI-NAMUR

7:30 p.m., Tradewinds Theater

Saturday, Sept. 21  
Godzilla: King of Monsters (PG-13)  
132 min.

Sunday, Sept. 22  
Secret Life of Pets 2 (PG)  
86 min.



Sexual Harassment/Assault  
Response and Prevention  
(SHARP) Contact Information

**CW2 Jarell Smith**  
**SHARP Victim Advocate**  
Work: 805 355 2139  
Home: 805 355 2036

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

**Local Help Line:**  
805 355 2758  
DOD SAFE Helpline:  
877 995 5247



**KNOWLEDGE**

**IS POWER!**

**FOR BOTH YOU &  
THE ADVERSARY.**



**Sunday, Sept. 22**  
**4:30 p.m.**  
**Camp Hamilton**

**Lederhosen are encouraged!**

Join us for music, dancing, German beer and food! This event is for adults aged 21 years and over. For more information, please contact MWR in the Grace Sherwood Library at 5-3331.

Hendl (Curry Roasted Chicken w/rice)	\$5	German Potato Salad (Roasted Corn, Bell Peppers, Green Beans, Tomatos and Onions)	\$2.50
German Brats w/ Rotkohl	\$5	Sauteed Cabbage	\$2.50
Pulled Pork Sandwich	\$5	Cole Slaw	\$2.50
Pulled Roasted Pork plate w/ two sides	\$10	Kirschenmichel	\$3
Fried Mac N' Cheese Ball	\$2.50	German Pumpkin Bread Pudding w/ Vanilla Bean Sauce	
		Pretzel w/Cheese Sauce	\$3



# Manit Day

**Sept. 30**

**11 a.m. - 2 p.m.**

Come out to the Marshallese Cultural Center across from the terminal to experience the culture and beauty of the Marshall Islands. Experience weaving, coconut husking, fire making, coconut rope making, Marshallese dancing and music, and sample traditional Marshallese foods.



## Friendly Reminders for Recycling

**Separate Your Solids.** U.S. Army Garrison-Kwajalein Atoll asks that island residents segregate household trash and hazardous items from recyclable items, such as aluminum and glass.

Please discard trash in the recycling and trash bins located around the island.

For more information on where you can discard batteries and other specialized items, please contact DI Environmental at 5-1134.

Doing your part keeps our island clean. Thank you!

## Report Suspicious Activity or Behavior



**See Something**

**Say Something**

## Your Actions Can Save Lives

**WHO TO REPORT TO**  
Local law enforcement and security  
\* 911

\*5-4445/4443  
\*usarmy.bucholz.311-sgcmd.  
mbx.usag-pmo@mail

### REPORTING SUSPICIOUS ACTIVITY

- Date and time activity occurred
- Where and what type of activity occurred
- Physical description of the people involved
- Description of modes of transportation
- Describe what you saw or heard
- Provide pictures if you took any

**NO MATTER WHAT FIELD  
YOU ARE IN,  
OPSEC APPLIES TO YOU.**



MIND-BENDING MAGIC FOR ALL AGES!

AS SEEN ON  
*America's  
got Talent*

# ROB LAKE

## MAGIC: UP CLOSE

U.S. Army Garrison-Kwajalein Atoll  
Family and Morale, Welfare and Recreation  
proudly presents two nights of free, magical entertainment!

Roi Tradewinds Theater. Oct. 22, 6:30 p.m.  
Kwajalein CRC Gym. Oct. 23 at 6:30 p.m.



GOOD TIMES, FRONT AND CENTER

ARMED  
FORCES  
ENTERTAINMENT

ARMEDFORCESENTERTAINMENT.COM

No official  
endorsement  
intended



## 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 emokajтата 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.

