

VOLUME 57 NUMBER 13

MARCH 26, 2016

THE KWAJALEIN HOURGLASS



WETZLER

NOAA 0285



THIS WEEK

NOAA OKEANOS CREW

EXPLORE PACIFIC SEAS - PGS 3-6

'BAR LOE YUK'

LONGTIME KRS LEADER DEPARTS - PGS 8-9

50 YEAR MILESTONE

KWAJ RESIDENT RETIRES - P 7

Commander [Mark Wetzler](#), commanding officer of NOAA's Okeanos Explorer ship, shows off the ship's dedicated \$5 million remotely operated submersible Deep Discoverer during a break while at port at Kwajalein March 22.

 Jordan Vinson

USAG-KA MENTORSHIP PROGRAM SCHEDULE

April 11—Boot Camp Day. Location: front of teen center. Time: 7 a.m. (two-three hours). Uniform: T-shirt, shorts, tennis shoes, note pad, pen or pencils.

7 a.m.—Accountability: Do not be late.

7:15 a.m.—Two-mile run.

8 a.m.—Form up into squads (teams).

8:15 a.m.—Squad discussions: Get to know your team members and team leaders.

April 18—How to conduct physical training—Leadership. Selected individuals will address their squads and talk about a military leader. Mentees will be assigned leadership assignments (squad leader, platoon sergeant and platoon leader).

April 25—Drill and ceremonies—Army values.

May 2—Physical Training—Self Discipline—Team Work—Turn in T-Shirt Design.

May 9—Drill and ceremonies—drug and substance abuse.

May 16—Physical training test (PT test)—self-esteem—communication.

May 21—Selected Mentees will experience what it is like to be the USAG-KA commander, command sergeant major, deputy, RTS director and RTS non-commissioned officer in charge for a day.

May 23—Drill and ceremonies—college and advanced education—employment opportunities.

May 30—Free style drill competition between squads.

**The mentorship program will meet every Monday. Times may change based on the activities for the day.*

Parents: Don't forget to sign the consent form.



Kwajalein Range Services wants your feedback on how the garrison's Community Services programs are going. Take part in ongoing surveys to voice your opinion on everything from the Kwajalein Hourglass and Mongolian Night at Café Roi, to the golf courses and the Self Help shops. Click on the "We Want Your Feedback" icon on the USAG-KA-Web Intranet home page and type away.



Check out daily news and community updates on the official U.S. Army Garrison-Kwajalein Atoll Facebook page.

For command information questions, please contact USAG-KA Public Affairs at 54848 or via Facebook at web address below.

www.facebook.com/usarmykwajaleinatoll

DON'T FORGET: WE ARE IN A DROUGHT. ONLY WATER YOUR PLANTS OR YARD FOR 30 MINUTES EVERY OTHER DAY.

THE KWAJALEIN HOURGLASS

The Kwajalein Hourglass is named for the insignia of the U.S. Army 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. Contents of the Hourglass are not necessarily official views of, or endorsed by, the

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NOAA'S OKEANOS EXPLORER CREW PREPS FOR EXPEDITION

BY JORDAN VINSON

The National Oceanic and Atmospheric Administration's Okeanos Explorer ship and crew put in at Echo Pier on Kwajalein March 18 to make a logistical stop as part of a three-year expedition throughout the Pacific. Having gotten a chance to resupply, change scientific personnel and stretch their legs, the crew pulled out of the lagoon March 24 en route to the Pacific Remote Islands Marine National Monument around Wake Island, where they will continue mapping the ocean floor in the area. Prior to coming to the Marshalls, they had been exploring and mapping the seafloor at Hawaii's Papahānaumokuākea Marine National Monument, and after Wake Island, the team is headed for the Marianas to take on more deep sea exploration assignments.

The overarching objective for the ship and crew during their three-year voyage away from their home port in Rhode Island is to explore, map and survey deep sea coral ecosystems, said Commander Mark Wetzler, the commanding officer of the Okeanos Explorer. One of the NOAA Corps' 321 officers tasked with operating the administration's fleet of research aircraft and ships, he explained the meaning behind the name of the three-year CAPSTONE mission.

"It's called the Campaign to Address Pacific monument Science, Technology and Ocean Needs," he said. "The goals are to identify and map vulnerable marine habitats, particularly high-density deep sea coral and sponge communities."

Wrapped into this mission are investigations into the geologic history of Pacific seamounts and increasingly important international issues like a possible restructuring of the U.S. extended continental shelf and an expected global shift toward commercial deep sea mining of valuable minerals.

An international shift to commercial deep sea strip mining of valuable rare earth metals from the ocean's floors could be an answer to limited stores of those elements found in the Earth's crust, NOAA says. But it could also pose problems for deep ocean environments. Built into a swelling torrent of electronics from iPads and smart watches to in-car GPS systems and gaming consoles, the supplies of these elements on land are limited, but the stores of them found at the bottom of the ocean is not yet tapped. Should they be tapped, Wetzler explained, the process could threaten those deep sea habitats in ways that are not yet known.

"There are companies out there that are looking to start to mine these minerals on the ocean bottom. Now imagine, if you will, a massive strip mine on the ocean

floor, where you have equipment that just rips up these rocks, pummels them and then pumps them up as a slurry back up to the surface," Wetzler said. "You're going to create clouds of sediment that are full of heavy metals and other elements. It's going to drift down and cover some of these ecosystems. We need to understand these ecosystems and how fragile they are before they're impacted. That way we can make rational decisions on how to balance protecting ecosystems with economic development."

Fixed to a far wall in the Okeanos Explorer's ROV control room, banks of computer monitors flashed footage of alien-like gastropods pirouetting through 5,000 meters of water. A team from NOAA's Ocean and Atmospheric Research group talked quietly in the back of the room, and a ghostly octopus appeared on a screen; it was this species of octopus that the Okeanos Explorer crew had recently discovered in Hawaiian waters. And it would be species like it that would be impacted by deep sea strip mining, Wetzler said.

"What we're doing right now is we're looking at deep sea coral ecosystems," he said. "The important part of this is we need to understand these ecosystems that we know very little or next to nothing about. You know, what kind of species are down there? How are they distributed? What are

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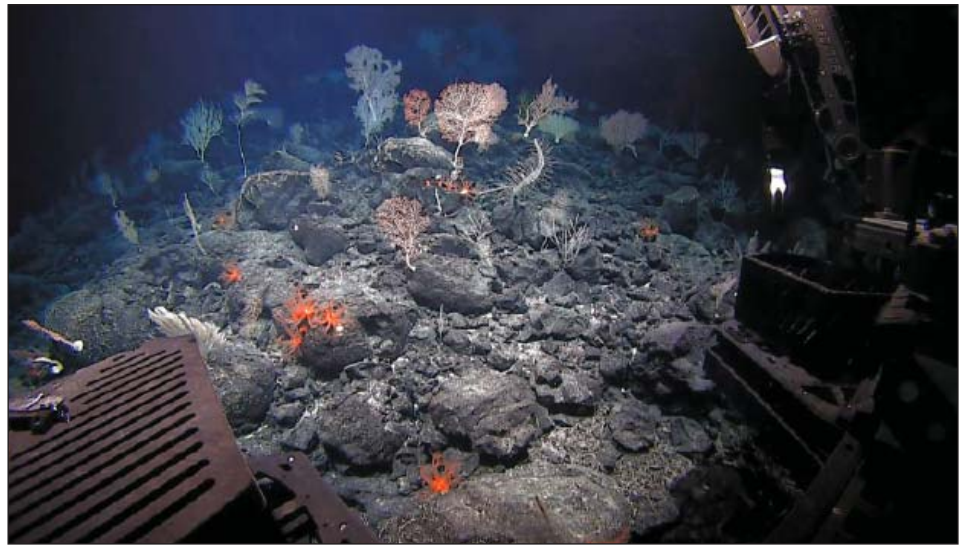
LEFT: The Okeanos Explorer's Deep Discoverer remotely operated submersible vehicle picks up a ghostly, previously unidentified species of octopus in deep waters in Hawaii's Papahānaumokuākea Marine National Monument last month. **RIGHT:** Commander Mark Wetzler, commanding officer of the Okeanos, discusses the ship's telepresence capabilities March 22; the crew uses the ship's technology to stream ROV camera footage to scientists and the public around the world in real time.

their preferred environments?”

To get scientists' eyes down to the depths needed to survey those ecosystems, the crew employs a \$5 million custom-built remotely operated vehicle (ROV), a hulking, bedroom-sized machine named Deep Discoverer—D2 for short. Fitted with an array of sensors, remotely-operated hydraulic arms and a precision video camera system, D2, along with a secondary ROV called Seirios, travels down to 6,000 meters—a greater drop than the height of Mount Kilimanjaro. From the murky depths of the Marianas Trench to the Indonesian Coral Triangle and the Gulf of Mexico, the Okeanos Explorer crew has used D2 to map, survey and sample marine environments that had gone unseen until then. More often than not, when the ROVs go overboard and its cameras turn on, new species are being discovered, Wetzler said.

“That happens every dive,” he said. “We see things that we’ve never seen before. We’ve got some of the best and brightest who spend their whole careers identifying sponges, their whole career in identifying bamboo coral, their whole career in identifying black coral. They are so specialized, and if they haven’t seen it—because that’s what their career is—then it’s probably new. And so we see new species every dive.”

It’s not only the crew aboard the ship that puts eyes on D2’s video feed in the ROV control room during dives. Featuring what NOAA calls its V-SAT, or very small aperture terminal, the Okeanos Explorer crew is able to transmit D2’s camera footage from the vehicle to the ship and to shore all in real time. This unique telepresence capability allows unlimited numbers of scientists around the world at exploration command centers to not only follow the cruise from the point of view of D2, but to also communicate directly with the



Courtesy of NOAA



Hey can you grab a sample of this coral,” Wetzler said. “On our ship, because of its telepresence ability, we’re able to leverage many, many more scientists in many more time zones from the east coast all the way to Hawaii.”

It’s a different model of doing science, Wetzler said.

“The old model is you go out with a

return. So now we’ve got a larger pool of personnel.”

It’s also a different model of engaging the public. Anyone with a high-speed Internet connection can also stream D2’s footage and join the scientific community in real-time discoveries. It’s not boring stuff, Wetzler assured.

“We have the best cameras ... in terms of underwater exploration,” he said. “We have best video of any of the groups [doing this research]. This is an amazing camera, and you can sit there and focus in on a little, small shrimp and see it cleaning its eyeball. This is amazing.

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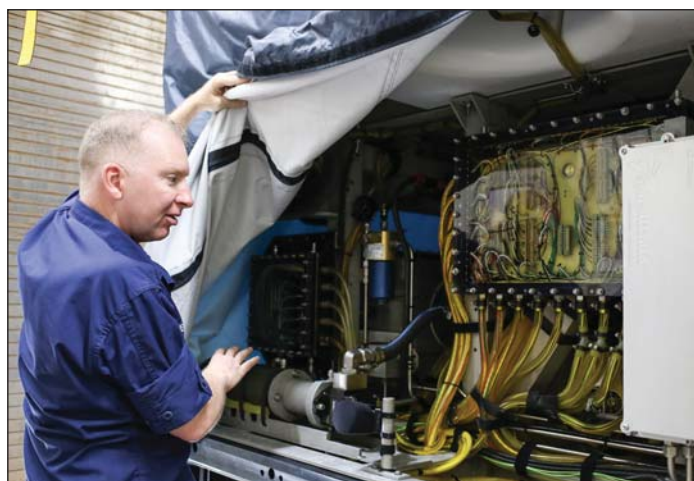


Courtesy of NOAA

PHOTOS THIS PAGE: TOP: Deep Discoverer descends upon a conglomeration of deep sea coral formations in Hawaii’s Papahānaumokuākea Marine National Monument last month. MIDDLE: Expedition Coordinator Derek Sowers, of NOAA’s Ocean and Atmospheric Research group (middle with hat) speaks with the crew’s seafloor mapping team March 22. BOTTOM: Mission crew operate the terminals in the control center during an ROV dive last month.



NOAA's Okeanos Explorer, the only federally funded ship designed purely for exploration, lies in port at Echo Pier March 18-24 during a logistical stop at Kwajalein.



LEFT: Commander Mark Wetzler, commanding officer of the Okeanos Explorer, shows off a bit of the technology that powers the ship's dedicated Deep Discoverer remotely operated vehicle; at a cost of \$5, the ROV was built in house at NOAA, lives permanently on the Okeanos and can dive down to a depth of 6,000 meters—lower than the elevation difference of Mount Kilimanjaro. **RIGHT:** D2's high precision cameras are the best in the field, in terms of oceanic exploration and research, Wetzler says.

When you sit back and watch some of our videos, I think you'll be very impressed."

While the scientists and crew of Okeanos Explorer will not launch the D2 ROV during their next stop after Kwajalein, the Pacific Remote Islands Marine National Monument around Wake Island, they will be mapping the ocean floor, up to a depth of 6,000 meters, using a one-of-a-kind, deep water multi-beam sonar system. Their progress can be monitored in real time at the NOAA web address referenced below.

The next opportunity for D2 to take a dip and begin exploring again will come between April 20 and May 11, when Okeanos

Explorer explores the Marianas Trench. After finishing up work in the Marianas, the ship will return to Kwajalein in August and then move on to Hawaii. During the ship's time at Kwajalein in August, the USAG-KA community is invited to take a tour of Okeanos Explorer and learn more about the ship's and crew's CAPSTONE mission. More information will be provided to the community as the Okeanos Explorer's return nears.



PHOTOS CONTINUED ON
PAGE 6

<http://oceanexplorer.noaa.gov/okeanos/media/exstream/exstream.html>

ABOUT THE OKEANOS

EXPLORER, ROVs

AND CREW

Name: Okeanos Explorer, from the Greek "Okeanos," for ocean. Named by a group of elementary school students in Illinois.

History: Former Naval surveillance T-AGOS Class Ship Capable. This is the same model of ship as the K.M.R.S.S. Worthy used by the Reagan Test Site.

Commissioned: August 13, 2008, in Seattle, Washington.

Mission: Mapping, site characterization, reconnaissance, and education and outreach.

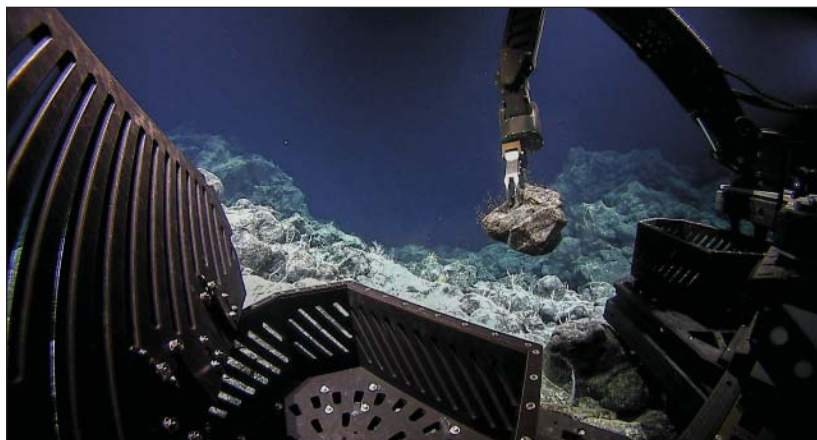
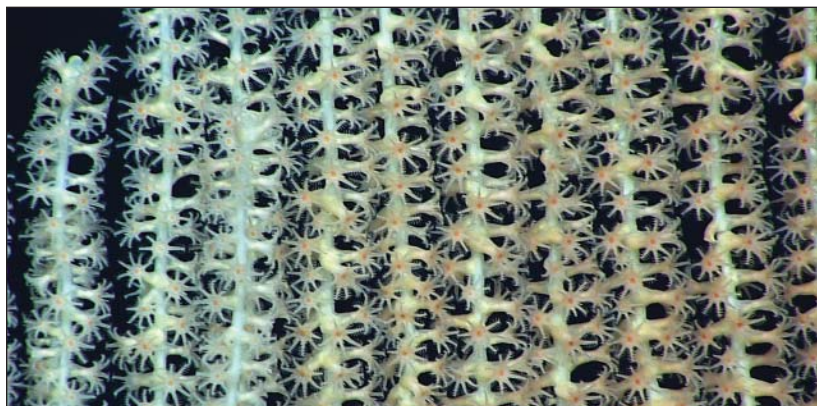
Telepresence: Live images from seafloor to scientists ashore, and to classrooms, newsrooms, and living rooms. Telepresence was developed with the support of Dr. Robert Ballard and the Inner Space Center at the University of Rhode Island.

ROVs (remotely operated vehicles): Two vehicles, one named Deep Discoverer and the other named Seirios, attached by a tether, capable of operating to depths of 6,000 meters. As the only U.S. government ship dedicated exclusively to ocean exploration, the Okeanos is the platform from which Deep Discoverer and its sister vehicle, Seirios, are operated. Referred to in the industry as a 'camera sled', Seirios is directly tethered to the Okeanos and serves to illuminate D2 from above while providing pilots with a wide-angle view as they traverse the ocean floor and enhancing visibility in surrounding areas. The high-definition cameras installed on Deep Discoverer are one of its defining features. With a primary camera capable of zooming in on a three-inch long organism from 10 feet away, D2 brings scientists closer than ever to the seemingly alien biology and geology of the deep sea.

Mapping: Hull-mounted, first-of-its-kind multibeam sonar for high-resolution maps of the seafloor as deep as 6,000 meters.

Staff: Ship operated by the NOAA Commissioned Officer Corps and civilians as part of NOAA's fleet managed by NOAA's Office of Marine and Aviation. Mission equipment operated by NOAA's Office of Ocean Exploration and Research.

📷 All images courtesy of NOAA



ABOVE PHOTOS: Still frames from Deep Discoverer's high-definition video cameras pick up species of coral, such as bamboo coral, mollusks and manganese encrusted rocks in the murky depths of Hawaii's Papahānaumokuākea Marine National Monument last month.

JIMJERA GROUP DONATES TO YOUNG EBEYE MOTHERS

BY COLLEEN FURGESON

The Kwajalein Jr./Sr. High School Jimjera group recently visited with young mothers on Ebeye and donated supplies meant to help with raising their infants. Led by Kwajalein Schools teachers Masina McCollum, Jennifer Newberry, Alex McGlinn and Jamye Loy, Jimjera—which means “friendship” in Marshallese and involves students in grades 7-12—organized their Operation Baby Bag Drop with the help from monetary donations from outgoing Kwajalein Range Services President Cynthia Rivera. The group’s donation of nearly 50 supply bags included bibs, diapers, towels, blankets and other items needed to take care of infants. The group is set to head over to Ebeye again in May to deliver another load of supplies to young mothers.

On average, between 18-31 babies are born on Ebeye each month—many to young first-time mothers. Donations from the Jimjera group and U.S. Army Garrison-Kwajalein Atoll residents is a unique way to extend a helping hand to these women, group leaders said.



ABOVE PHOTOS: The Kwajalein Jr./Sr. High School Jimjera group donates newborn baby supply bags to young Ebeye mothers as part of the organization’s community service project goals.



Ray Motobu, center, is recognized for his 50 years of service March 16 by Kwajalein Community members Brian Coombe, Mel Moore, USAG-KA Commander Col. Michael Larsen, Alan Stone, Cynthia Rivera and Command Sgt. Maj. Angela Rawlings.

KWAJ RESIDENT RETIRES AFTER 50-YEAR ANNIVERSARY

HOURLASS REPORT

Kwajalein community members gathered March 16 to recognize Ray Motobu, a warehouse, shipping and transportation lead, for completing 50 years of service on Kwajalein. Deputy Project Manager for Logistics Alan Stone summed up Ray’s contributions on the garrison.

“I cannot find anyone who can ever remember an American contract worker being here on Kwajalein for 50 years. He has been here almost as long as the TRADEX radar has been operational. Ray has been the key transportation lead for the Supply Department for quite a long time and is well respected by his coworkers for his thoughtfulness and support he gives them.

“Just think of all the individuals he has trained and mentored through his time here. He has coordinated all the movement of cargo throughout the atoll, shipments back to [the States] and the receiving of both air and surface shipments from the States. I would estimate that Ray has coordinated the movement of well over a half a billion pounds of cargo in support of the Reagan Test Site.

“I can safely say that his efforts, knowledge and dedicated service these past 50 years has contributed greatly to the success of the operations conducted here supporting the national defense of our country. Ray will be greatly missed.”



www.army.mil/kwajalein

Check out USAG-KA’s new website for garrison and community news, links to each directorate and other helpful information. Have thoughts or suggestions? Send them to the USAG-KA Public Affairs Office at Nikki.l.maxwell.civ@mail.mil.

HOURGLASS INTERVIEWS

Interview by Cari Dellinger and Jordan Vinson

OUTGOING KWAJALEIN RANGE SERVICES PRESIDENT CYNTHIA RIVERA finished her assignment at U.S. Army Garrison-Kwajalein Atoll this week, nearly seven years after taking the helm of the company in 2009. Having passed her responsibilities to incoming KRS President Brian Coombe, Rivera is headed to Tennessee to cultivate National Aerospace Solutions, a new company selected as the prime contractor for an Air Force aerospace rocket testing and design operation. In an interview with Kwajalein Hourglass staff, Rivera discusses highpoints of her time on Kwajalein, what she'll miss most about the American and Marshallese communities and what she'll be up to in her new role in the States.



You've lived and worked on U.S. Army Garrison Kwajalein Atoll for almost 7 years, and now you're leaving. How do you feel?

Having to leave is definitely bittersweet. I am proud of what we have accomplished as a team over the years—some pretty amazing stuff—but I am sad to be leaving this great community, which I will miss very much.

What accomplishments are you most proud of achieving during your tenure as president of Kwajalein Range Services?

The KRS team has had so many

notable achievements and has navigated through some big changes while I've been here. A few that really stand out in my mind are: the successful transition of our remote operations capability to the Huntsville Mission Control Center and the continued high degree of success in our mission execution; the outstanding teamwork to prepare for and execute the FTI-01 and FTO-01 missions—the largest and most complex MDA operational tests ever conducted; incorporating new helicopters and ferry boats into operation; five years—almost six!—of outstanding high school graduating classes; celebrating TRADEX's 50 year anniversary which was only possible because

of the great work to keep the radar well maintained; successfully completing the ALTAIR recovery project; significantly increasing our space surveillance capability; the QOL contributions that made such a positive difference in the Kwaj and Roi communities; safely responding to the crazy west winds and swells of 2015; and working with the government to keep the KRS contract going through Feb. 2018. But, even with all those great accomplishments and many others along the way, what I will always say is the most significant accomplishment during my time was getting the high speed Internet service for Kwajalein and Roi residents. That was a huge step change in our quality of life.

What were some of the greatest challenges you faced in the past seven years?

Well, we've had our share of challenges. It took 3.5 years to get the high speed internet approved for KRS to provide the service. I was simply unwilling to give up. Dial-up was too painful. By the way, it's been two years this month since the service began. I still appreciate the vast improvement and the teamwork that went into overcoming this challenge. Also, our annual budget has been a real challenge the entire time I've been here due to the overall Army's budget decline. It has also been a major challenge for our team every day to run the operations with aged facilities, infrastructure and equipment. Hopefully these will be addressed in the future.

Is there anything that you would have done differently if given the chance? If so, what?

This isn't work related, but I think I should have exercised more, and I would have liked to dive more, and use the Hobby Shop. But there are only so many hours in the day, so really there are no regrets.

What advice are you leaving with Brian Coombe, the new KRS president?

Expect the unexpected, and enjoy what Kwajalein has to offer.

What are you going to miss most about Kwajalein and living and working in the Marshall Islands?

The entire Kwaj family for sure. The simplicity and safety of the Kwajalein lifestyle. The beautiful clear blue water and wonderful sea creatures. The perfectly warm weather. I will miss my KRS team—such a great group of professionals.

What has surprised you the most about living here on Kwajalein?

How over time I got used to living on a small island and did not miss the mainland terrain.

Can you explain a bit regarding what you learned about the Marshall Islands and the Marshallese people and how these experiences here will impact the rest of your life?

It is hard to put cultural appreciation and understanding into words. I have tremendous respect for the hard working Marshallese citizens who share their lives, families, islands and culture with those of us who spend time here and move on. I am grateful for their welcoming spirit, generosity, and grace. Shortly after I arrived on Kwaj in June 2009, Jenny Norwood (wife of my predecessor and president of the YYWC at the time) convinced me to participate in the YYWC to help raise money for local schools that needed supplies and support. I have been involved in the club for my entire time here and have found that to be very rewarding. I think it is important to do something to make a positive difference in other's lives, especially when it comes to improving education.

Tell us about your next adventure and what you'll be doing.

I will be serving as the president of a new limited liability corporation, National Aerospace Solutions, which recently won the Test Operations and Sustainment contract with the Air Force at Arnold Engineering Development Complex in Tullahoma, TN. We begin a 90-day transition on April 1 and take over operations on July 1. The complex specializes in aerospace rocket and engine design testing and has facilities in Maryland and California in addition to Tennessee. The size of the workforce is about the same as the KRS team.

Any closing thoughts you'd like to share with the USAG-KA community?

We're all in this together. It takes all of the Kwajalein and Roi residents to make this place successful. Each person needs to take the extra step to work in partnership to figure out how to get things accomplished and practice proactive problem solving. Things will go much more smoothly then. We saw this in practice on Oct. 7 when we all stepped up to take care of an extra 845 people unexpectedly overnight. That spirit of cooperation and community is important to keep alive. I will always cherish the time I've had here, the work we've accomplished together, the contributions we've made to our national security, the YYWC events, the good times and the challenging times and the friends I've made along the way. I especially appreciate the outpouring of well wishes as I transition out. I feel truly blessed. I plan to be back for my daughter's graduation from Kwajalein Jr./Sr. High School in June and look forward to seeing everyone again then. I wish all the best to the Kwajalein Atoll communities in the years to come. Kommol tata.



WHAT IS ZIKA VIRUS AND WHO IS AT RISK?

Zika is contracted through a bite from the Aedes mosquito. Those at risk are people traveling to South America; Barbados, Brazil, Colombia, Panama, Puerto Rico and Venezuela to name a few. The CDC reports that an outbreak in Brazil led to reports of a Guillain-Barre-like syndrome and pregnant women giving birth to babies with microcephaly, birth defects, and poor pregnancy outcomes. This virus is only a concern if you are pregnant, otherwise the virus will run its course of fever, headache, rash and possibly pink eye.

The following precautions should be implemented if traveling to affected areas:

- Use bug repellents containing DEET. Spray clothing, not skin under clothing.
- Wear long sleeved shirts and long pants, if weather permits. Use mosquito bed net, with open windows use screens.
- Reduce mosquitoes inside and outside your home, by removing standing water from containers around your household.
- Check travel advisory from the CDC web page prior to traveling.

Currently Kwajalein Hospital reports that there are no reports in the Marshall Islands of this virus. For complete travel detail restrictions please to go to the CDC website at: www.cdc.gov/zika

THUMBS UP



Thumbs Up to Chuck and his crew at the Construction Department who recently performed amazing repairs to my Surf BQ room water-damaged walls. Their repair work was way beyond my expectations, and none of my personal belongings were damaged. Way to go, and thumbs up, guys!

— Cindy Dean

Thumbs Up to everyone who participated in the 2016 Kwajalein Winter Bowling League, and congratulations to The Replacements for taking the trophy this time around. Don't forget to sign up for our 2016 Kwajalein Spring Bowling League; registration is open now!

— Mandie Morris

Thumps Up to Community Activities for providing new equipment for use on the racquetball court, it is much appreciated. And also for their speedy response and clean up when someone used the court for 'other than racquetball purposes' and marked it all up. Thank you again.

— Bob Stack

Thumps Up to Scott Little and the rest of the crew in the IT help desk area. You guys never fail to save the day when the Hourglass computers go awry.

— Jordan Vinson

Want to thank an awesome community member here? Send an email to the Hourglass at usarmy.bucholz.311-sig-cmd.mbx.hourglass@mail.mil

KWAJALEIN TYPHOON HISTORY | FIX OPHELIA

BY MARY BROWNING

Mary Browning was a frequent Hourglass contributor in the late 1970s and early 1980s. Her pieces covered an array of issues pertaining to Marshallese culture and history, archeology in Micronesia and marine biology. In this article, which appeared March 31, 1980, she discusses the devastation wrought by Typhoon Ophelia in the Marshalls in 1958.

In *"Where the Bong Tree Grows"* (World Pub Co., 1963), James Ramsey Ullman wrote about a voyage made aboard the Chicot. He said, "We came to Jaluit. And, this being a world of extremes in ferocity and gentleness, we came in calm sea and beaming sunlight. Its central lagoon was huge. As we crossed it, its circling islets were so distant they were barely visible. But when we neared our destination, the main island of Jabor, it was plain that distance had not been the only reason, for of the palms that are the usual beacons of an atoll, not one stood upright on the sweep of coral earth."

Ullman was witness a year after the fact to the ravages of

Typhoon Ophelia which had struck on January 7, 1958. He was also a witness to some steps taken to replace, and even to improve, the island's former coconut groves.

The Chicot carried 36,000 seed nuts from Guam. They were packed into about 90 huge crates which were winched up out of the holds at Jabor's landing, and lowered into the water. A few outriggers came around to help the ship's two life rafts rope the crates together and tow them to shore. Once on dry land, the crates were broken open (the wood slates being saved for firewood) and the women and children who had gathered began to pass and toss them from hand to hand to a point where

they eventually formed a huge brown mound. Something less than a third of the plantings were expected to reach maturity, and it would take eight years for those.

The Chicot also brought 600 cartons of Army C rations and Boyd Mackenzie, acting as both island development officer and rehabilitation project manager for the long process of helping the atoll to recover.

As Mackenzie pointed out in Atoll Research Bulletin #75, Ophelia had been preceded by two smaller typhoons: Lola, of November 8, 1957, and Mamie, of November 14, had hit Jaluit, but damage had been light and confined to Jabor. The first of these flooded the south end of the islet and destroyed some plants at the Agricultural Experiment Station. Mamie damaged a Navy plane which had been at the island on a sea-air rescue mission.

Ophelia was something else, though fourteen people were lost and two died later from related injuries. On the eastern

coast of the atoll's islets, three-foot to eight-foot waves had swept over the land, carrying away or leveling all houses and all but a few of the trees. Most cisterns were either destroyed or filled with salt water, water became one of the worst problems. On the west coast of the atoll, 60 percent of the vegetation was damaged. All sailing craft were put out of commission, making movement within the atoll impossible. All buildings were gone except for the old Japanese concrete structures which withstood the high winds and surging seas.

In spite of the extreme hardships of their situations, however, Mackenzie – who first reached the atoll on January 10 to assess the damage – found the people of Jaluit remarkably calm. The fact of the devastation had been accepted and they were ready to rebuild in any way they could. Food, water, clothing, bedding, medical aid and building materials were sent to the atoll as promptly as possible.

Even a year later, though, as Ullman noted, "Most desolate of all were the huddle of shacks and huts (not even quonsets here) that lined the shore before our anchorage, and the small group of people that stood like scare-crows before them."



LEFT: Coral rubble swept by Typhoon Ophelia onto islets of Jaluit Atoll Jan. 7, 1958. RIGHT: The effects of Typhoon Ophelia damage to the Catholic mission at Kolonia, in Pohnpei.

Source Unknown

Courtesy of Micronesian Reporter, March-April 1958.



From Jordan Vinson



Ebeye children dive into tidal pools off the shore of the island in February.

From Jordan Vinson



Ebeye youth smile for the camera on the east side of the islet in February.



From Cari Dellinger

Kwaj resident Will Galbraith helps Jordan Vinson get a safe photo of the solar eclipse earlier this month.



From Jerry Brumm

IT Instructor Jerry Brumm congratulates participants on completing the IT Public Speaking Training Program last week. Kwajalein employees Joanna Foster, left, Prescilla Price, middle, and Tanya Patrick tackled eight different public speaking modules, each of which was designed to make their next speaking engagements knock-out successes.

TRIDENT II D5 TEST DEMONSTRATES NUCLEAR TRIAD READINESS

EXTERNAL REPORT

By U.S. Strategic Command Public Affairs

OFFUTT AIR FORCE BASE, Nebraska, March 21, 2016 — The successful launches of three Trident II (D5) missiles last week as part of a Follow-on Commander's Evaluation Test (FCET) continue to validate the credibility of the nuclear enterprise. FCET-52, the 160th successful launch since 1989, follows two Intercontinental Ballistic Missile (ICBM) "Glory Trip" launches in February, and one Air Launched Cruise Missile (ALCM) nuclear Weapon System Evaluation Program (NucWSEP) test.

"The recent launches demonstrate our missiles are safe, secure, effective and reliable, as is our nuclear enterprise," said Deputy Secretary of Defense Bob Work. "These six nominal launches, all within the past 30 days, represent all three legs of the Nuclear Triad and serve as indicators of our unbelievably capable force."

Previous to the aforementioned launches, Navy's Strategic Systems Programs (SSP) also conducted two successful flight tests of the Trident II (D5) missile in November as part of a Demonstration and Shakedown Operation (DASO).

"Strategic weapons tests provide me with valid reliability, accuracy and performance factors for use in our planning efforts. A credible, effective nuclear deterrent is essential to our national security and the security of U.S. allies and partners, and provides the President with flexible deterrent options," said Adm. Cecil D. Haney, U.S. Strategic Command (USSTRATCOM) commander. "Our intercontinental ballistic missiles, ballistic missile submarines (SSBN), air-launched cruise missiles, nuclear capable heavy bombers and associated tankers each deliver unique and complementary attributes that together underpin strategic deterrence and stability."

FCET and DASO

The Navy's recent FCET and DASO weapons tests, exercises and operations highlight the readiness of the submarine-launched Trident II (D5) missile. As the most survivable leg of the strategic deterrent triad, the Ohio-class SSBN and the Trident II (D5) missile provide the national command authority with an as-

sured second-strike capability.

The primary objective of an FCET is to obtain, under operationally representative conditions, valid reliability, accuracy, and performance data of the missile system for use by the USSTRATCOM commander and the Joint Chiefs of Staff. DASO tests demonstrate the readiness of an SSBN's crew and weapon system.

ICBM

The ICBM force provides a responsive, highly reliable and cost effective deterrent capability.

Air Force Global Strike Command missile wings and USSTRATCOM's 625th Strategic Operations Squadron, with the support of the 576th Flight Test Squadron at Vandenberg AFB, California, conduct unarmed Minuteman III ICBM operational tests launches to verify the accuracy and reliability of the ICBM weapon system. The two launches in February once again validated the Minuteman III system and tested the skill of a 91st Missile Wing crew from Minot Air Force Base, North Dakota.

The ICBM community, including the Department of Defense, the Department of Energy and USSTRATCOM, use the launch data for force development.

NucWSEP

Dual-capable B-52 and B-2 bombers are the most flexible and adaptable leg of the nuclear triad and provide significant conventional capabilities. Bombers play a key role in stabilizing and managing crises by providing a visible signaling option

and rapid hedge against operational and technical challenges in other legs of the nuclear triad.

Air Force Global Strike Command bomb wings and Air Combat Command's 49th Test and Evaluation Squadron conduct the extensive evaluation exercises to determine the bomber force's ability to configure, load, fly and deliver an unarmed version of one of the Air Force's Long-Range Stand-Off (LRSO) weapons – the AGM-86B nuclear-capable ALCM.

A NucWSEP test is a stockpile-to-target evaluation of a nuclear weapon system designed to provide USSTRATCOM with valuable data used in deciding stockpile requirements and for operational planning.

"For more than 70 years, thanks in part to our credible nuclear forces, the United States has deterred great power war against nuclear-capable adversaries," Haney said. "This extended service of our nuclear deterrent platforms is testimony to the efforts of our Soldiers, Sailors, Airmen, Marines and civilians as well as to the ingenuity of our predecessors—especially the designers, the engineers, and the maintainers."

"I am committed to providing our nation with a viable and credible nuclear deterrent force, and I'm confident in telling the President and Secretary of Defense that the nuclear deterrence force is ready 24 hours a day, seven days a week," Haney said.



U.S. Navy file photo: The U.S. Navy conducts a successful test flight Feb. 22, 2012, of a Trident II D5 Fleet Ballistic Missile built by Lockheed Martin.

U.S. Navy photo

COALITION HAS MOMENTUM IN FIGHT AGAINST ISIL, CARTER, DUNFORD SAY

EXTERNAL REPORT

By Jim Garamone, DoD News,
Defense Media Activity

WASHINGTON, March 23, 2016 — While not complacent about the Islamic State of Iraq and the Levant's capabilities, Defense Department leaders are confident that momentum against the terror group is firmly in the hands of the coalition arrayed against it.

"As far as the campaign is ... concerned, I'm confident that we will defeat ISIL and that we have the momentum of the campaign in Iraq and Syria," Defense Secretary Ash Carter told the House Armed Services Committee yesterday.

ISIL claimed responsibility for yesterday's attacks in Brussels, Belgium, that killed 31 and wounded more than 190 people in the city's airport and the rapid transit system. An American airman and his family were among those hurt.

Carter told the lawmakers that DoD will continue to look for opportunities to accelerate operations against ISIL. "We're looking for more opportunities to do so," he said. "We've found opportunities. I expect to find more opportunities in the future. We want to accelerate the defeat of ISIL in Iraq and Syria."

Counter-ISIL Efforts

ISIL in Iraq and Syria is the "parent tumor," the secretary said, and actions against the group there strike to the core of its claim of legitimacy. "If we can expel ISIL from Raqqa and Mosul, that will show that there's no such thing as an Islamic state based upon this ideology," Carter said.

The combat against the terror group stretches from Syria and Iraq to West Africa to Afghanistan to Brussels and to California. "I'm not complacent about the threat of ISIL, and I recognize the spread of ISIL, particularly over the last 15, 18 months, transregionally or globally," Marine Corps Gen. Joe Dunford, the chairman of the Joint Chiefs of Staff, said to the committee yesterday. "With regard to Syria and Iraq, in October, I appeared before the committee and at that time, I think it was fair to say that ISIL had the momentum.

"Since that time, they not only have less territory, they have less resources, they have less freedom of movement," he added.

The Kwajalein Hourglass



Marine Corps Gen. Joe Dunford, chairman of the Joint Chiefs of Staff, testifies at a House Armed Services Committee hearing on the Defense Department's proposed fiscal year 2017 budget as Defense Secretary Ash Carter listens, March 22.

DoD photo by Air Force Senior Master Sgt. Adrian Cadiz

The actions against the group have resulted in fewer foreign fighters, and the chairman said believes the terror group's narrative is less effective than it was some months ago.

Combating ISIL and like groups is a long war, the chairman said. "This is a long fight, and I'm confident in telling you that we have the momentum today," Dunford said.

The fight will require not only the military effort to deny sanctuary to the enemy in Syria and Iraq and to build the capabilities and capacity of regional allies, but also will require much greater cooperation among intelligence organizations of countries involved in counter-ISIL efforts, Dunford told the panel. The chairman estimated that more than 100 nations have foreign fighters in Syria and Iraq, with more than 30,000 foreign fighters.

Actions against ISIL in Iraq and Syria will require intelligence cooperation, law enforcement communications, diplomatic efforts, economic pressures – the whole gamut of efforts to strangle the group and others like it, Dunford said.

And that is happening, he said. Belgian authorities have launched a manhunt in Brussels to find bombing accomplices and the suspected ISIL bomb maker. U.S. aircraft struck an al-Qaida training camp in Yemen yesterday, killing or wounding scores of fighters. American aircraft have

also struck terrorists in Libya and Somalia.

U.S. European Command has finished a 100-percent accountability check following the attack, officials in Stuttgart said.

"My thoughts and prayers go out to our military family, the people of Brussels and all those impacted by these horrific terror attacks," said Air Force Gen. Philip M. Breedlove, Eucom's commander. "We will assist Belgium in any way our military can. We strongly condemn these attacks and will continue to stand by our NATO allies and partners to defeat these terrorists who threaten our freedoms and our way of life."

Grim Reminder

Speaking to cadets at the U.S. Military Academy in West Point, New York, today, Carter said the Brussels attacks were "a grim reminder of how serious are the dangers we face, how dangerous, the dangers that civilization and our country face, the challenges of this complex world."

The secretary noted a U.S. military family was directly affected by the attacks.

"No attack, no attack can shake our resolve to accelerate the defeat of ISIL," he told the cadets. "I know that yesterday's news only galvanizes our determination – yours, too -- to serve our nation and join those who came before you in this mission of defending our people of the values we share."



COMMUNITY CLASSIFIEDS

HELP WANTED

KRS and Chugach listings for on-Island jobs are posted at: Kwajalein, Roi-Namur and Ebeye Dock Security Checkpoint locations; outside the United Travel Office; in the Roi Terminal/Post Office; at Human Resources in Building 700 and on the USAG-KA webpage under Contractor Information>KRS>Human Resources>Job Opportunities. Job listings for off-island contract positions are available at www.krsjv.com.

COMMUNITY NOTICES

American Red Cross lifeguard class registration is open March 22-April 2, with class dates running April 5-May 2. Cost is \$150. Contact Cliff Pryor at 52848 to sign up. Must be 15 years of age or older.

April American Red Cross learn to swim class. Registration is open March 22-April 2 with classes running April 6-29. Cost is \$50. Questions? Call Cliff Pryor at 52848.

The Kwajalein Recompression Chamber will be unavailable from Noon, March 23 to 4 p.m. March 26. During this period, recreational diving will be limited to a depth of 50 feet. Kwajalein Yacht Club Monthly Meeting. 7 p.m., Saturday, March 26, at the Yacht Club. Happy Hour begins at 5:30pm, Meeting starts at 6:30 p.m. and Dinner at 7 p.m. Please bring a dish to share. Guests welcome. Questions? Email Ursula LaBrie at yeoman@kwajyachtclub.com. March Birthday Bash. 8 p.m., Saturday, March 26, at the Ocean View Club. Join us in celebrating March birthdays with the music, drinks specials. Must be 21 years

of age or older.

Easter Egg Hunt 4 p.m., Sunday, March 27, starting at the Rich Theater. Join us for this egg-stravaganza. Kids up to sixth grade are welcome. Bring your camera for an Easter Bunny Photo Op following the hunt. Please be on time—this event will start promptly at 4 p.m. You don't want your little ones to miss out on the fun!

The Family Pool will be closed Sunday, March 27, in support of the Easter holiday. Please join the crowds at the Richardson Theater for the Eggs-stravaganza Easter egg hunt.

Adult learn to swim class. Registration is open March 29-April 9 with classes running April 13-May 6. Cost is \$50. Questions? Call Cliff Pryor at 52848.

The Plague, a live band consisting of former Kwaj kids, is coming to the garrison to play a series of shows. Their schedule will run as follows: 7 p.m., Friday, April 1, at the Roi Outrigger. 8 p.m., Saturday, April 2, at the Vets hall. Spring Break Music Fest headliner show Sunday, April 3, at Emon Beach. Sponsored by Quality of Life.

Merbabes Swim Class. 9-9:30 a.m., Saturday, April 2, at the Family Pool. Come enjoy an American Red Cross Parent/Child Swim Lesson. Class is for children ages 6 months - 3 years. All participants must be accompanied by an adult in the water. The purpose of this class is to develop a comfort level in and around the water. Swim diapers are required for children who are not potty-trained. Free. Questions? Call Cliff Pryor at 52848.

KRS Property Management's Equipment Custodian Training Class. 1-3 p.m., Saturday, April 2, at Building 804. This training is required for all NEW KRS Property Custodians and available for Supervisors/Managers. Other personnel may attend, if space permits. Training will cover general aspects of Government Property Management, usage of forms, and responsibilities of Property Custodians. To register, call La'Mesha Rhodes at 53412.

Spring Break Music Fest Cook-off Competitions, Sunday, April 3. There will be a Chili Cookoff, a Smoker Competition, and a Sauce Competition. Interested in competing? Email cookoff@kwajyachtclub.com.

The Family Pool and Vets Hall will be closed Sunday, April 3 in support of the Spring Break Music Festival.

The Kwajalein Adult Recreation Center will be closed April 5-6 for deep cleaning. Questions? Call Derek Finch at 51275.

Garden brunch, hosted by the Christian Women's Fellowship Board 12:30-2 p.m., Sunday, April 10, at the Religious Education Building.

Caribbean Night. 8 p.m., Saturday, April 16, at the Ocean View Club. Join us in celebrating island life Caribbean-style, complete with music, décor, and drink specials. Wear your best island attire! Must be 21 years of age or older. Questions? 53331.

Alcoholics Anonymous meets every Tuesday and Thursday, 6:30-7:30 p.m. in the Religious Education Library.

All residents must obtain a building permit before constructing any fences or decks, erecting any

gazebos/tarps or attaching any items to your quarters, including antennas. Please contact Raymond Sosnowski at 52049 to request a building permit or if you have any questions.

Safely Speaking: Lifting heavy objects with a crane is a common practice for KRS. The lifting device and rigging must have the rated capacity to lift the object.

E-talk: KRS Environmental provides training to employees and USAG-KA residents. Managers should ensure their employees obtain required environmental training

Environmental Public Announcement: Dredging and Filling Operation. Avoid eating fish caught in the Camp Hamilton lagoon area. The shoreline protection work activity could increase the potential for Ciguatera poisoning. Questions? Call 51134.

Recent sightings of Portuguese Man-of-War have been identified on the beaches all over the island. Take extra precautions when you are in the water.

Boaters-Please be advised of USAG-KA Regulation 385-9: "No person shall operate or otherwise be in control of any boat (including private boats), surfboard, windsurfer, kayak, outrigger canoe or any other type of personal watercraft of any sort in waters controlled by USAG-KA with a blood alcohol level greater than 0.0 percent BAC. Persons in violation of this provision are subject to appropriate administrative action."

Put a stop to the drop. Report all leaky taps to the Service Desk at 53550.

Captain Louis S. Zamperini Dining Facility

*MENU CURRENT AS OF MARCH 23

LUNCH

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	April 2
Roasted Turkey	Boneless Chicken	Beef Broccoli Stir Fry	Crispy Garlic Chicken	Beef Stroganoff	Coconut Chicken	Spaghetti
Honey Baked Ham	Herb Roast Potatoes	Parslied Potatoes	Veggie Soup	Chicken Caesar Wrap	Fish Du Jour	Chicken Picatta
Mussels & Shrimp	Garden Veggie Soup	Fried Rice	Roasted Potatoes	Parslied Noodles	Roasted Potatoes	Garlic Bread

DINNER

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	April 2
Kwaj Fried Chicken	Taco Bar	BBQ Chicken	Carved Steamship	Huli Huli Chicken	Salisbury Steak	Roasted Cornish Hens
Lyonnaise Potatoes	Refried Beans	Three Bean Chili	Round of Beef/Aujus	Augratin Potatoes	Med. Chicken	Shepherd's Pie
Chefs Choice Entree	Spanish Rice	Onion Rings	Baked Chicken	Chefs Choice Entree	Parslied Potatoes	Three Cheese Mac

UPCOMING KWAJALEIN RELIGIOUS SERVICES

Easter Sunrise service: 6:30 a.m., March 27, at the Emon Beach main pavilion. Protestant Service is followed by Baptism in the lagoon. Easter Brunch: 7:45 a.m., March 27, at the Emon Beach main pavilion. Regular scheduled Protestant service at 11 a.m., March 27, and Catholic Services at 9:15 a.m. at the Island Memorial Chapel.



Sexual Harassment/ Assault Response and Prevention (SHARP)

Contact Information

Chief Warrant Officer 4 Sharnta' Adams
SHARP Victim Advocate

Work: 805 355 2139

Home: 805 355 3565

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

COMMUNITY ACTIVITIES EGGS- STRAVAGANZA EASTER EGG HUNT



4 p.m., Sunday, March 27. At the Richardson Theater. Don't forget your camera.

COMMANDER'S HOTLINE

HAVE SOMETHING THE USAG-KA COMMANDER SHOULD KNOW ABOUT?

CALL THE COMMANDER'S HOTLINE AT 51098 TODAY!

SUN—MOON—TIDES

	SUNRISE SUNSET	MOONRISE MOONSET	LOW TIDE	HIGH TIDE
SUNDAY	6:50 a.m. 6:59 p.m.	7:04 p.m. 9:11 a.m.	12:13 a.m. -0.3' -----	6:03 a.m. 4.2' 6:14 p.m. 3.8'
MONDAY	6:49 a.m. 6:59 p.m.	8:38 p.m. 9:54 a.m.	12:16 a.m. -0.2' 12:42 p.m. -0.1'	6:29 a.m. 4.0' 6:41 p.m. 3.5'
TUESDAY	6:48 a.m. 6:59 p.m.	11:26 p.m. 10:39 a.m.	12:41 a.m. 0.0' 1:14 p.m. 0.3'	6:58 a.m. 3.8' 7:10 p.m. 3.1'
WEDNESDAY	6:48 a.m. 6:59 p.m.	----- 11:27 a.m.	1:09 a.m. 0.3' 1:54 p.m. 0.6'	7:32 a.m. 3.5' 7:48 p.m. 2.7'
THURSDAY	6:47 a.m. 6:59 p.m.	12:16 a.m. 12:26 p.m.	1:45 a.m. 0.7' 2:59 p.m. 1.0'	8:20 a.m. 3.1' 8:59 p.m. 2.3'
FRIDAY	6:47 a.m. 6:59 p.m.	1:06 a.m. 1:08 p.m.	2:49 a.m. 1.1' 5:06 p.m. 1.1'	9:50 a.m. 2.8' 11:22 p.m. 2.1'
APRIL 2	6:46 a.m. 6:59 p.m.	1:57 a.m. 2:01 p.m.	5:11 a.m. 1.3' 7:01 p.m. 0.8'	12:04 a.m. 2.9' -----

USAG-KA MENTORSHIP PROGRAM 2016

For Kwajalein Teens ages 13-19

YOU WILL GAIN:



LEADERSHIP
TEAM WORK
SELF ESTEEM
SELF-DISCIPLINE
COMMUNICATION
PHYSICAL FITNESS
GOOD CITIZENSHIP
DRILL & CEREMONIES
CRITICAL THINKING SKILLS
FIELD TRAINING EXERCISES
PERSONAL RESPONSIBILITY
MILITARY RANK STRUCTURE
EMPLOYMENT OPPORTUNITIES
COLLEGE & ADVANCED EDUCATION
SERVICE TO THE NATION & COMMUNITY
DRUG & SUBSTANCE ABUSE AWARENESS
HIGH SCHOOL GRADUATION & SUCCESSFUL FUTURE

Sign Up Today - The Program Launches April 11, 2016

CHALLENGE YOURSELF TO SUCCEED!

For more information, contact CSM
Angela Rawlings at 5-1414 or email:
angela.u.rawlings.mil@mail.mil



LUNCH

<i>Sunday</i>	<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>	<i>April 2</i>
Roast duck	Breaded pork chop	Beef tacos	Meatball sub	Fish sandwich	Pizza	Philly cheese steak wrap
Baked ham	Sauteed fish	Chicken enchiladas	Bombay chicken	Cottage pie	Baked ziti	Roasted pork loin
Rosti potatoes	Breakfast frittata	Pinto beans	Stir-fry vegetables	Onion rings	Cheesy garlic bread	Mac and cheese

DINNER

<i>Sunday</i>	<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>	<i>April 2</i>
Chicken florentine	Roasted turkey	Thai beef w/ vegetables	Top sirloin steak	Fried chicken	Eggs to order	Sausage and peppers
Beef pot pie	Short rib jardiniere	Chicken in peanut sauce	Chicken fajitas	Swedish meatballs	Bacon and sausage	Chicken alfredo
Garlic bread	Stuffing	Tofu stir-fry	Baked potatoes	Mashed potatoes	Biscuits and gravy	Pasta provencel

Café Roi

*MENU CURRENT AS OF MARCH 23



SIMPLY



HOURLASS REPORT

MATERIAL HANDLING—CONTINUED

In this part of the series of Material Handling Safely Speaking's we will discuss how to carry and maneuver loads safely and carrying long loads.

Remember to Stop, Think and Act before any lift. You should always plan ahead, and use mechanical equipment whenever possible. This will reduce the distance that the load will need to be carried by moving the load as close to the destination as possible with a hand truck, furniture dolly or forklift. Ensure you have a clear path before you proceed with the lift. Clean up area and path before commencing.

Don't forget to unlock and open any doorways where you may be traveling. Keep the load as close as possible and in the midline of the body or the green zone. Remember the basic lifting techniques described in the previous Safely Speaking's. If a load is heavier on one side compared to the other keep that side closer to the body. Ensure that you have a firm

grasp on the load before you start to lift. Make sure you can see over the load and it does not interfere with your ability to walk. Use gloves to protect yourself from contact points. If the load is over 50 pounds get help!

For lifting long objects carrying techniques include the shoulder carry, knuckle carry, or 2 person carry which are described below.

Shoulder carry: Lift from one end of the object walk to the center point of the load. Place the object on one shoulder just in front of the balance point where the loads just starts to tip back. Control the position and angle of the load with your hand. Keep an eye out for your turning radius.

Knuckle carry: lift from one end of the object walk to the center point of the load. Keep the hands and the object at waist level.

2 person carries: Plan and communicate clearly. One person leads and one person follows. The follower confirms directions verbally.

HEROES OF THE WEEK

HOURLASS REPORT

U

SAG-KA's Heroes of the Week this week are Allison Hibberts and Dayna Hepler. Allison and Dayna, both seniors, are Kwajalein Jr./Sr. High School's representatives for Quality of Life. This year they proposed an installment of a new projector screen in the MP Room for public use, and it has been approved.

Hibberts will be attending Clemson

University in South Carolina, and Hepler will be attending Southeast Community College in Nebraska.

If you are ever at the beach or pool, you can find these two working as lifeguards for Community Activities. They're big sports fans. They both played on the Spartans Varsity team in the women's soccer league. They also played on the Tri16e volleyball team, and they were also on the Spartans Varsity team for waterpolo.

Hibberts has been living on Kwajalein for 12 years; Hepler has been on Kwaj 17 years.

USAG-KA SPORTS SOFTBALL

RESULTS LAST WEEK

MARCH 15

Spartans Blue def. Spartans White
Trouble Makers def. Kekambas
993- Cartel def. Concrete
Spartans Coed def. Jab Lale



11-10
20-18
11-5
13-9

MARCH 16

Spartans Women def. Scrubs
Kwajalein def. Bat Hit Crazy
Old, Fat, & Ugly def. Criminals

11-4
16-5
11-1

A LEAGUE RECORDS

Bat Hit Crazy
Criminals
Kwajalein
OFL
Old, Fat and Ugly
Yokwe

Win	Loss
0	2
1	1
1	0
0	1
1	0
1	0

B LEAGUE RECORDS

991-Cartel
Concrete
Kekambas
Spartans Men
Trouble Makers

Win	Loss
1	1
0	2
0	1
2	0
2	0

COED LEAGUE RECORDS

Jab Lale
Lollygaggers
RF Hazards
Spartans

Win	Loss
0	1
1	0
0	1
1	0

WOMEN'S LEAGUE RECORDS

Scrubs
Spartan Women
Spartans Blue
Spartans White

Win	Loss
1	1
2	0
1	0
1	3



U.S. Army photo by Colleen Furgeson