

VOLUME 58 NUMBER 32

AUGUST 12, 2017

# THE KWAJALEIN HOURGLASS



LORIA

SEABEES

MATHIS

SEABEES

Members of Navy Seabees Naval Mobile Construction Battalion 1 receive commendations from USAG-KA Commander Col. James DeOre Jr. and Command Sgt. Maj. Angela Rawlings.

○ Jessica Dambruch

## THIS WEEK

**SEABEES FINISH TOUR**  
AND GET READY TO HEAD HOME - P 2

**GOLDEN COWRIES**  
IN KWAJ ATOLL WATERS - P 4

**AAFES CELEBRATES**  
122 YEARS - P 6



U.S. Army photos by Jessica Dambruch

Members of U.S. Army Garrison-Kwajalein Atoll Command joined the RMI Minister of Justice Michael Halferty in thanking Naval Mobile Construction Battalion 1 for a job well done during the Seabees' tour in the Marshalls.

# USAG-KA HONORS NMCB 1

## HOURLASS REPORT

**U.S. Army Garrison-Kwajalein Atoll** Commander Col. James DeOre Jr. recognized Naval Mobile Construction Battalion 1 for outstanding duty and service in the Marshall Islands in a ceremony held Aug. 4. RMI Minister of Justice Michael Halferty joined the USAG-KA Command team in celebrating the achievements of NMCB 1.

DeOre Jr. expressed appreciation for the work the Seabees have accomplished in building projects throughout the atoll to improve safety and the quality of life. DeOre Jr. and Command Sgt. Maj. Angela Rawlings presented each member of the battalion with certificates and personally thanked them for their dedication.

Special recognition was also made for members of the NMCB 1 color guard for their active participation in several ceremonial engagements since the detachment arrived in February 2017. Among those events were the dedications of DeMeo Field and Lippwe Lane and the garrison's Memorial Day and Veterans Day ceremonies.

Following the presentation of awards, the Seabees' Lt. j.g. Brent Frazer thanked the community for its consideration and warm welcome of the battalion during its deployment. The detachment returns to Gulfport, Mississippi early next week.

See page three for a few good examples of the team's work in the Marshalls.



Col. DeOre Jr. congratulates members of NMCB 1 in an awards ceremony to honor the detachment, Aug. 4.

## THE KWAJALEIN HOURLASS

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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# BUILT BY BEES

FEATURE/JESSICA DAMBRUCH

Two units of Kwajalein's historic dependent housing will soon be available for occupancy as a result of a joint renovation project by the Dept. of Public Works and Naval Mobile Construction Battalion 1.

## CONNECTING WITH THE PAST

Family Quarters 405 Units A and C, pictured in the photo below, are two in a series of 22 housing units built during two waves of construction that occurred in 1952-1956. The vast majority of these original "Navy Housing" homes, as they have been referred to over the years, require regular upkeep to withstand the tropical, wind-blasted elements. The planned renovations created a prime opportunity for the outgoing Seabees detachment to connect with the past as they restore homes for the future.

"We have a great deal of respect for this project," says Navy Seabees Chief Warrant Officer Patrick Smith. "The 1950s Seabees were from the WWII era. To think that they came through this island [at the end of the war] and then returned to build these houses, the history is amazing. For us to actually do [this] construction means that

much more."

Public Works Planner Michael Hayes estimates the flat cost of renovation per each housing unit is at least \$54,000 of the \$350,000 in 2017 funding recently allocated by Public Works to renovate Kwajalein's homes. The Seabees' hard work at Quarters 405 saved an estimated \$60,000 across three different projects, making possible additional renovations and civic improvements for the Kwajalein community. Other projects like the runway road repairs, Camp Hamilton pavilion and the Emon Beach lifeguard station are all Seabee-Public Works joint projects that have recently wrapped up.

## BUILDING TALENT FOR THE FUTURE

Seabees manpower significantly expands Public Works' labor capacities and enables them to meet operations, maintenance priorities and an on-island demand for housing. For instance, at the 405 site, Chugach employees completed the initial asbestos and hazardous materials removal. Then the Seabees, with Chugach technical experts offering guidance, executed drainage and civil concrete work; interior, floor and door repair;



📷 Courtesy of Tom Lester

*A vintage construction photograph shows the site of Kwajalein's Quarters 405 under construction in the 1952-1956 time frame.*

painting; carpentry; electrical wiring and exterior repair.

While deployed, apprentice Seabees join Public Works' experts on real projects, where they receive valuable on-the-job training. The apprentices join plumbers and electricians and respond to real service calls. They travel to remote islands and work on mission-critical projects, says Hayes. The training provides invaluable learning opportunities—in particular, trials in concrete mixing, which were essential for a school-building mission the Seabees completed on Ebeye.

In return, says Lt. j.g Brent Frazer, the officer in charge of the detachment, Public Works invests in the future of the RMI and the relationship between the RMI and United States by offering the opportunities to train.

A good example is the Seabee Apprenticeship Program, a learning opportunity Seabee detachments provide to RMI civilians on islands like Ebeye. RMI participants turn wrenches, swing hammers and pour concrete during program training, earning job experience and building an employment record that can translate into opportunities on USAG-KA. It is not uncommon, Public Works managers say, to see new hires at the Construction Shop or elsewhere participate in the Seabee training program.

Working with the Seabees is a privilege, says Hayes. Building and working in a Micronesian climate has given many a deeper appreciation for the dedication of NMCB 1 and work done by earlier generations of Seabees. When the Seabees build, they make history—and history outlasts rust and weather. 🇺🇸



*Members of NMCB 1 join USAG-KA's previous commander, Col. Michael Larsen, and USAG-KA Command Sgt. Maj. Angela Rawlings for a photo at the newly renovated Quarters 405 on Kwajalein.*

# Nature Shot



Sources: National Geographic; International Union for the Conservation of Nature, [www.underwaterkwaj.com](http://www.underwaterkwaj.com)



Courtesy of Scott Johnson

JORDAN VINSON

**Featured in the image above** is the famed golden cowry (*Lyncina aurantium*), one of the largest of the world's some-250 cowry species—more than 60 of which are found at Kwajalein Atoll. Reported to be rare in habitats throughout the planet's oceans, golden cowries can be spotted in Kwajalein Atoll waters if you know where to look.

This specimen was photographed by former Kwaj resident Scott Johnson during a nighttime scuba dive trip to an island on the west reef of the atoll. Like all cowries, the golden cowry hides deep inside reef ledges and crevices to avoid predators during daylight hours. But when the sun goes down, the show is on. Nighttime forays onto the reef slopes are the best opportunity for these sea snails to feed on sponges and algae. If divers are fortunate, they'll come across a golden cowry during one of these feeding trips and see it with an extended mantle, as seen in Johnson's photo.

An extension of the snail itself, the mantle wraps around the entire surface of the shell, continually depositing enamel on the shell to protect it from abrasions and other damage. This

process keeps a live cowry's shell looking squeaky-clean and gives it an appearance of porcelain.

Like most cowries, golden cowries—famed for their rare, ruddy colored shells—have been used by humans as a symbol of prestige. Fijian chieftains, for instance, wore the shells on necklaces as badges of rank and status. Other species were used commonly as currency, game pieces and sewing tool accessories.

The strength and numbers of the *Lyncina aurantium* species have not yet been assessed by the International Union for the Conservation of Nature. However, over harvesting, compounded with habitat loss, have driven numbers down worldwide, marine biologists report.

Because they have become increasingly difficult to find, golden cowry shells are prized by shell collectors around the world. If you do happen to see one in ocean waters at the atoll, don't harvest the animal. Instead, do others a favor and take some photos or video and let the "litle pig" mosey on by. 🐷

**FUN FACT:** the word "porcelain" is derived from the ancient Roman word "porculi," or "little pig," a reference to cowries' plump shapes.



World Registry of Marine Species

# SMDC HISTORY: SENATE RATIFIES ABM TREATY

EXTERNAL REPORT

By Sharon Watkins-Lang  
SMDC Historical Office

**Following two and a half years of negotiations,** President Richard Nixon and the Soviet Union's General Secretary Leonid Brezhnev on May 26, 1972, signed the Anti-Ballistic Missile Treaty causing ABM and Safeguard to become a major topic of discussion for the summer.

At that time, the mission for the Safeguard system was to protect the nation's land-based retaliatory forces against a direct attack from the Soviet Union; defend the American people against the kind of nuclear attack which the People's Republic of China might develop within the decade following the announcement; and provide protection against the possibility of accidental attacks from any source. Construction of the Safeguard sites in North Dakota and Montana were well underway and the next phase, development of a site in the National Capital Region, was under review.

This initial version of the ABM Treaty would limit both nations to two ABM sites—one near its capital and the other near an intercontinental ballistic missile complex. The Soviet Union had deployed their ABM system around Moscow, while the American system was progressing in North Dakota and Montana near the MINUTEMAN fields of Grand Forks and Malmstrom Air Force Bases.

Each site was limited to 100 missiles and 100 launchers. An additional 15 launchers were allowed at test sites. Additional regulations stipulated the type and capabilities of the radars at the ABM sites.

Finally, the agreement prevented either nation from defending its entire territory. A separate interim accord, negotiated at the same time, set maximum limits for each country's intercontinental ballistic missiles and sea-launched ballistic missiles, to last for five years. This agreement, however did not limit the number of warheads per missile nor technological advances to improve offensive weapons.

Following the initial agreement, informal talks addressed the possibility of a third Safeguard deployment. The Joint Chiefs of Staff and the Nixon administration favored an ABM deployment to protect the nation's capital, providing the nation with the maximum protection allowed by the treaty.

Faced with congressional and popular opposition, however, "the administration quietly dropped its support of the Washington ring." Ultimately the appropriations packages, discussed on concurrent meetings, included no funding for a Washington site.

On July 21, following weeks of interviews and discussion, the Senate Foreign Relations Committee, headed by Sen. J.W. Fulbright, D-Arkansas, unanimously approved both agreements made by the president in May. With the support of key senators, the ABM Treaty moved to the full Senate with a goal of a final review and approval no later than mid-August, as negotiators hoped to renew their negotiations on weapons cuts in October.

The ABM Treaty came to a vote before full the Senate on Aug. 3, 1972. In a roll call vote, the Senate ratified the agreement by a vote of 88 to two, easily achieving the two-thirds margin needed to approve a treaty.

According to published reports, the two dissenters, Sen. James Buckley, Con-R, New York, and James B. Allen, D-Alabama, held that the agreement was "immoral because it causes the United States to forego an available means of defending its population against potential nuclear attack." Hailed by its supporters, however, the treaty was presented "as an historic first step on a journey toward ending the 'mad momentum' of the nuclear arms race."

Following a visit to the North Dakota Safeguard site in September, Deputy Secretary of Defense Kenneth Rush described the ABM system as a "catalyst" for the arms agreements. When questioned about the adequacy of the ABM system, Rush replied: "It's very impressive. ... a magnificent engineering accomplishment." He later added that during the negotiations, it was the Russians who were most concerned about the defensive systems, while the Americans sought to address the offensive weapons.

The Soviet Union also ratified the treaty in August. The document was signed by President Richard Nixon signed on Oct. 3. The agreement was finalized with an exchange of instruments made on the same day.



JORDAN VINSON

**The Stanley R Mickelsen Safeguard Complex** in North Dakota is seen in this 1970s photo. The first deployed ABM system in the United States, its anti-ballistic missile systems—Sprint and Spartan missiles—and radar technology were developed and tested for many years at the Kwajalein Missile Range. The Stanley R Mickelsen Safeguard Complex's 1975 activation was permitted under the 1972 ABM Treaty, but the number of nuclear-tipped ABM missiles it could deploy was capped at 100 (It housed 70 Sprints and 30 Spartans). Ironically, after years of planning, negotiations and construction, the site would remain active only a few months. Very shortly after switching online, the House Appropriations Committee recommended the site be deactivated, citing sky-high operations costs for the site and its limited defenses against the Soviet Union's 1974 deployment of the R-36 multiple independently targetable re-entry vehicle ICBM. It would not be until 2004, with the initial operating capacity of the Ground-based Midcourse Defense System, that the U.S. would activate another ABM site for homeland ballistic missile defense.



*LEFT TO RIGHT: Child & Youth Services staff members Chelsea Weber, Jamie Reed, Alex Pascua McGlinn and Amy Hansen glide across one of the newly painted crosswalks in front of the Child Development Center, August 8.*



*KRS construction crew member Bildon Joran applies the finishing touches to a crosswalk behind George Seitz Elementary School, August 8.*



*AAFES Manager Holynd Elliot (second from right) poses with employees before preparing to distribute cake to customers in recognition of AAFES' 122 years of service supporting the armed forces, July 25. Happy Birthday, AAFES!*



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

[www.facebook.com/usarmykwajaleinatoll](http://www.facebook.com/usarmykwajaleinatoll)

For command information questions, please contact Public Affairs at 54848.

U.S. Army photos by Cari Dellinger

# KESTREL EYE PREPS FOR LAUNCH THIS WEEKEND VIA SPACE X



*LEFT: Technicians are seen working on the Kestrel Eye, an electro-optical, nanosatellite being developed by the U.S. Army Space and Missile Defense Command/Army Forces Strategic Command. RIGHT: Artist's rendering of the satellite in operation in orbit. Once activated, Kestrel Eye will improve mission command on the move for a brigade combat team to allow tactical leaders to synchronize action, seize the initiative and maintain near-real-time situational awareness. Kestrel Eye is scheduled to be launched to the International Space Station as a payload aboard the Space X Falcon 9 from Cape Canaveral, Florida in mid-August as part of the ISS cargo resupply mission, Space X CRS-12.*

## EXTERNAL REPORT

By Jason Cutshaw  
SMDC/ARSTRAT Public Affairs

REDSTONE ARSENAL, Alabama— One U.S. Army Space and Missile Defense Command/Army Forces Strategic Command team is preparing for an out of this world product launch.

The USASMDC/ARSTRAT Technical Center's Kestrel Eye is a small, low-cost, visible-imagery satellite designed to provide images rapidly to the tactical-level ground Warfighter. Kestrel Eye is scheduled to be launched to the International Space Station as a payload aboard the SpaceX Falcon 9 from Cape Canaveral, Florida, in mid-August as part of the ISS cargo resupply mission, SpaceX CRS-12.

"This is exciting; we have been waiting a long time," said Wheeler "Chip" Hardy, Kestrel Eye program manager, SMDC Tech Center's Space and Strategic Systems Directorate. "The program began around 2008, and this will be our first flight. This is very important and for the program to go forward, we need to have a successful demonstration. We are confident and have worked hard to ensure it will be successful."

The Kestrel Eye program hopes to demonstrate the military utility of providing rapid situational awareness directly to Army brigade combat teams. Kestrel Eye will enhance situational awareness of the brigade combat teams by providing satellite imagery without the need for conventional continental U.S.-based relays.

Once aboard the ISS, the crew will extract Kestrel Eye from the cargo capsule and deploy the small satellite to its orbit. Once deployed a safe distance away from the ISS, the satellite will power up automatically and be ready to receive signals from the ground station.

Once on-orbit, U.S. Pacific Command will be able to measure the utility of Kestrel Eye through a series of tactical exercises and in various scenarios such that an independent assessor can make a military utility evaluation. In addition, the satellite will participate in similar Army exercises in various locations. If the Kestrel Eye demonstration is successful, then transition plans will be fully developed.

"We will get to demonstrate what we can do for the Soldier on the ground," Hardy said. "That is what Kestrel Eye is about. Its purpose is to get information

down to the Warfighter as rapidly as possible. Kestrel Eye's focus will be to get its information down to the lowest levels and support the troops in the foxholes.

"A benefit of having a constellation of Kestrel Eye satellites is that Warfighters have access to rapid information," Hardy said. "Kestrel Eye does not provide the high-quality images from larger assets but it makes up for it with quantity and turnaround speed."

Hardy said Kestrel Eye will be another tool to provide situational awareness data before starting an operation so that if conditions on the battlefield have changed Soldiers can adjust before the operation begins.

"A big advantage is the enemy never knows when it is overhead," Hardy said. "In comparison to other systems, foes won't be able to adjust what they are doing because they will never know when Kestrel Eye is in the area."

A key characteristic of Kestrel Eye is a microsatellite technology demonstrator weighing approximately 50 kg that is an electro-optical imaging satellite with tactically useful resolution. Kestrel Eye is considered a low-cost satellite, with a

SEE "EYE," PAGE 9

From August 13, 1965

# Around TOWN...

## HAPPY TALK BY ARDEN DURHAM

AFRS, KWAJALEIN'S LARGEST RADIO STATION HAS ANNOUNCED A NEW PROGRAM THAT WILL MAKE ITS DEBUT OVER THE AIR WAVES NEXT MONDAY MORNING, AUGUST 16. IT WILL BE HEARD REGULARLY EVERY MONDAY, WEDNESDAY AND FRIDAY AT 8.30. FEATURING ARDEN DURHAM, AND KNOWN AS HAPPY TALK IT WILL COVER THE LOCAL SCENE, ESPECIALLY FROM THE WOMAN'S POINT OF VIEW SUCH INTERESTING TIDBITS AS WHAT'S NEW AT THE COMMISSARY AND MACYS WILL BE DISCUSSED, AS WELL AS NEWS OF OTHER ACTIVITIES THAT ARE OF INTEREST TO THE WOMEN OF KWAJALEIN



ARDEN'S SPONTANEOUS PERSONALITY AND SPRITELY WIT WILL CERTAINLY MAKE FOR A PROGRAM OF HAPPY TALK. THE WIFE OF MAJOR W.L. DURHAM, AREA ENGINEER FOR THE CORPS OF ENGINEERS, ARDEN IS WELL VERSED IN THE ART OF SPEAKING BEFORE THE PUBLIC. FOR SOME YEARS SHE HAS BEEN AN ACTIVE MEMBER OF THE INTERNATIONAL TOASTMISTRESS CLUB NOT ONLY IN THE UNITED STATES BUT IN GERMANY AS WELL. SHE IS PRESENTLY SERVING AS PRESIDENT OF THE YOKWE YUK WOMEN'S CLUB AND VICE-PRESIDENT OF THE KWAJALEIN TOASTMISTRESS CLUB.

AIR TIME FOR HAPPY TALK IS WELL CHOSEN--THE CHILDREN AND HUBBY HAVE BEEN BREAKFASTED AND HAVE LEFT FOR SCHOOL AND THE OFFICE RESPECTIVELY. BY 8.30 THE BUSY HOUSEWIFE IS READY TO SIT DOWN FOR A WHILE TO ENJOY HAPPY TALK WITH ARDEN OVER A STEAMING CUP OF COFFEE. DON'T MISS THIS PROGRAM WITH ITS NEW AND DIFFERENT APPROACH TO THE KWAJALEIN WOMAN'S SCENE. YOU'LL ENJOY IT!

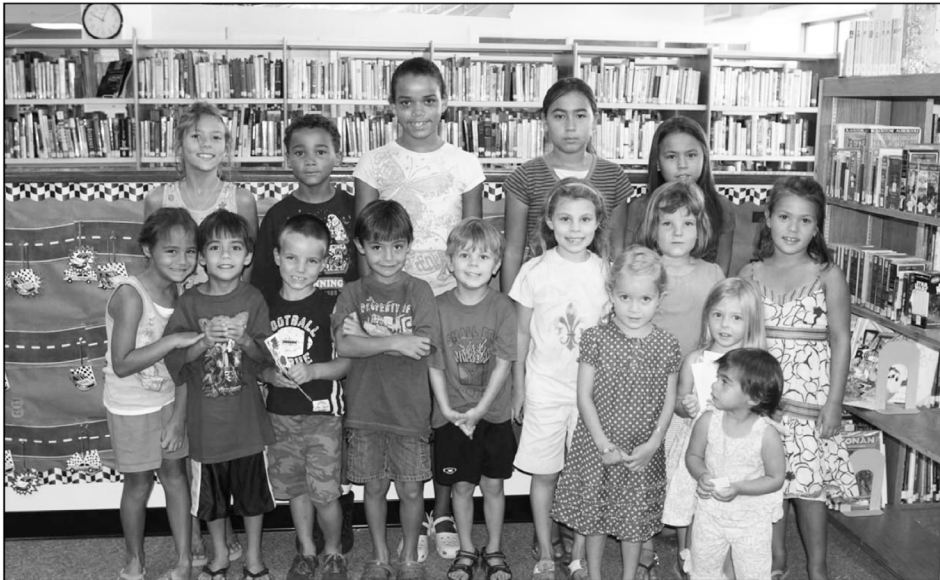


From August 17, 1981



# THIS WEEK IN KWAJALEIN HOURGLASS HISTORY

From August 14, 2010

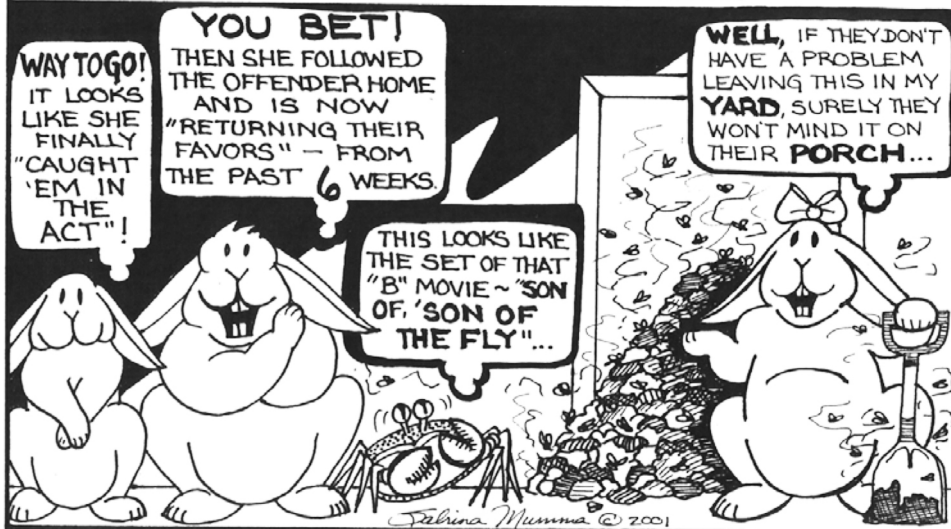


Participants from the 2010 summer reading program gather at the Grace Sherwood Library Wednesday to calculate how many books were read.

## Buckminster and Friends by Sabrina Mumma

From August 15, 2009

**CHAPTER 52:** SINCE NOT EVERYONE ON THE ISLAND SEEMS TO CARE THAT THEY ARE REQUIRED TO "PICK UP AFTER THEIR PETS", JULIA HAS COME UP WITH AN EFFECTIVE PLAN TO MAKE THEM SEE THE ERROR OF THEIR WAYS.



## Kwajalein Dart League

### WEDNESDAY NIGHT DART LEAGUE RESULTS

Meck Mice	9	Fantastic Feathers	6
Snake Pit	8	Andy Capp	7
Blue Knights	8	Da Tons	7

High lites: Don Thomson was high for the night with a 125. Bob Lillibridge had back to back tons. Marshall Harvey's 95 on and Dave Nieuwstads 84 out rounded out the evening.

## Kwajalein Bowling Scores

### KENTRON MIXED

**Men**  
 High Game 213, by Billy Erinwa  
 2nd High Game 202, by Russ Kees  
 High Series 542, by Billy Erinwa  
 2nd High Series 535, by Russ Kees

**Women**  
 High Game 159, by Annette Nichols  
 2nd High Game 157, by Laurie Pachilis  
 High Series 438 by Shirley Sweetland and Laurie Pachilis  
 2nd High Series 389, by Trish Edwards

From August 12, 1977



"EYE," FROM PAGE 7

cost of less than \$2 million per spacecraft in production mode, and will have an operational life of greater than one year in low earth orbit.

It is designed to be tactically responsive, with the ability to task and receive data from the satellite during an overhead pass and provide a measure of satellite persistence overhead that can provide situational awareness and images rapidly to the Warfighter.

"For the first time, the Warfighters on the battlefield will be able to request and have timely access to critical imaging information at the unit level," said Melinda Still, chief, SMDC Tech Center Space Division. "This demonstration will be a validation of the vision for the utilization of small satellite payloads to provide persistent situational awareness for the Warfighter."

The satellite will help Army forces possess capabilities and be prepared to fight across multiple domains. Kestrel Eye is designed to continue American supremacy as rivals innovate and leverage technology.

If successful, a Kestrel Eye satellite constellation would provide dramatically lower unit cost than typical space-based assets. With this low cost, large numbers of satellites can be procured enabling the system to be dedicated to the tactical Warfighter.

"The Kestrel Eye team is outstanding. They have addressed program issues head on, adjusted and persevered. We are so proud of our team," Still said. "We are very excited. This is a first in many ways: the first launch in fiscal year 2017; first launch to and deployment from the ISS; and first asset utilizing technology developed and tested in-house in SMDC's labs using the Kestrel Eye Ground Station and Kestrel Eye Warfighter Assisting Low-Earth Orbit Tracker."

## USAG-KA TREE REMOVAL

*Airfield Operations has requested the removal of 69 trees/bushes south of the airfield along Ocean Rd and Zeus Blvd for the safety of our operations and personnel. The removal of these obstructions will take place over the next 30 days. These removal operations may create temporary impacts to traffic and golf play around the area. Please avoid any risk in these hazardous work areas by keeping a safe distance, respecting safety barriers/signs, and following the direction of the on-site safety personnel.*

41 trees will be removed in the golf course area pictured below.



# IMPORTANT CHANGES COMING TO ZDF

**Starting this month, Zamperini Dining Facility patrons will begin to see a lot of changes at the cafeteria.**

**What's in the works?**

**A new All American Bar and Deli station**

- Available every day for lunch and Sunday/Monday dinners
- Will feature a daily grilled feature sandwich and appetizer, along with a full assortment of toppings
- Will feature hot dogs, burgers, etc. as standard items daily

**A new daily breakfast menu and layout**

- Available every day
- Will feature four different main line protein items (Canadian bacon, sausage patties, bacon, ham steak, for instance) every breakfast session

- Will feature a station-based serving arrangement, requiring a change in foot traffic in the facility

**New eggs-to-order and omelet station for Sunday/Monday brunch**

- You grab your omelet fillers, portioning them as you see fit and hand them to the grill master

**New salad bar menu**

**Lots more**

- More frequent sliced steak offerings
- Implementation of the military's Go For Green program, featuring easy-to-understand nutritional value placards for each food item
- Displays at the facility entrance, put in place to inform patrons of the day's menu items

These improvements are exciting. How-

ever, in order for us to be able to create and manage this varied menu every day we emphasize to our patrons:

**It's All You Can Eat. Not All You Can Take.**

**Starting this month, ZDF servers will begin portioning out the main line protein items, providing a maximum of two main proteins or one main protein and a sandwich per meal.**

An average main protein portion is 5-8 ounces. Portioning will occur for both dine-in and take-out patrons; take-out patrons will, of course, not be able to return to the line for second portions. All other food items (the salad bar, for instance) will remain on a self-serve basis.

Without properly portioning out the protein items, we will not be able to sustain this new, varied menu. Please be patient as we implement these changes.

# WEEKLY WEATHER OUTLOOK

RTS WEATHER STATION STAFF

**WEATHER DISCUSSION:** With the formation of Invest 90W to the north of Kwajalein Atoll and a fairly inactive Intertropical Convergence Zone (ITCZ), quiet conditions are expected through at least Saturday night. While an “invest” is simply a persistent area of convection that may or may not develop into a tropical depression, they can still have a large scale impact on weather conditions elsewhere. Upper-level outflow from I90W is expected to create convergence over Kwajalein, suppressing most shower activity for the early part of this weekend, before it begins to curve northward and move away from the atoll. I90W is not expected to directly impact Kwajalein Atoll at any time during its life cycle.

After the influences of I90W start to decrease, the ITCZ is expected to become more active starting late Saturday night and Sunday morning with several rapidly moving waves passing by the atoll area through Tuesday afternoon. This will bring several periods of scattered showers, with lulls of activity likely between each wave. A return to less active trade wind surface flow is expected by the middle of the next work week.

**SATURDAY/SUNDAY/MONDAY FORECAST:** Scattered to numerous showers through Sunday morning, steadily decreasing to widely scattered showers by Monday morning. Winds E-ESE at 8-13 knots Saturday morning, becoming SE-S at 4-9 knots by Sunday morning, then shifting back to ENE-E at 8-13 knots by Monday. Some lightning activity possible with strongest showers on Saturday.

SUN-MOON-TIDES				
	SUNRISE SUNSET	MOONRISE MOONSET	HIGH TIDE	LOW TIDE
<b>SUNDAY</b>	6:41 a.m. 7:07 p.m.	11:17 p.m. 10:58 a.m.	7:17 a.m. 3.9' 7:47 p.m. 3.6'	1:07 a.m. 0.0' 1:34 p.m. -0.1'
<b>MONDAY</b>	6:41 a.m. 7:06 p.m.	----- 11:51 a.m.	8:00 a.m. 3.5' 8:41 p.m. 3.4'	1:53 a.m. 0.3' 2:18 p.m. 0.2'
<b>TUESDAY</b>	6:41 a.m. 7:06 p.m.	12:06 a.m. 12:47 p.m.	8:59 a.m. 3.0' 9:57 p.m. 3.2'	2:56 a.m. 0.7' 3:16 p.m. 0.6'
<b>WEDNESDAY</b>	6:41 a.m. 7:05 p.m.	12:57 a.m. 1:44 p.m.	10:31 a.m. 2.5' 11:39 p.m. 3.2'	4:31 a.m. 1.0' 4:45 p.m. 0.8'
<b>THURSDAY</b>	6:41 a.m. 7:05 p.m.	1:52 a.m. 2:43 p.m.	12:32 p.m. 2.5' -----	6:30 a.m. 0.8' 6:29 p.m. 0.8'
<b>FRIDAY</b>	6:41 a.m. 7:04 p.m.	2:49 a.m. 3:43 p.m.	1:11 a.m. 3.6' 1:56 p.m. 2.8'	7:54 a.m. 0.4' 7:47 p.m. 0.4'
<b>AUGUST 19</b>	6:41 a.m. 7:04 p.m.	3:49 a.m. 4:43 p.m.	2:16 a.m. 4.0' 2:52 p.m. 3.3'	8:50 a.m. -0.1' 8:43 p.m. 0.0'

## Commander's Hotline

Have something the USAG-KA commander should know about?

Call the Commander's Hotline at 51098 today!



### SEE SOMETHING – SAY SOMETHING

#### 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

#### WHO TO REPORT TO

- Local law Enforcement and Security \*911
- \*5-4445/4443
- \*usarmy.bucholz.311-sg-cmd.mbx.usag-pmo@mail



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

CW3 Dave Casbarra  
SHARP Victim Advocate

Work: 805 355 3421 • Home: 805 355 1731  
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

## Captain Louis S. Zamperini Dining Facility

\*MENU CURRENT AS OF AUG. 9

LUNCH						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Aug. 19
Roasted Chicken	Sauteed Boneless Chicken	Sweet & Sour Pork	Beef Stroganoff	BBQ Pulled Pork Sandwich	Fish Du Jour	Italian Beef Stew
Baked Ziti w/Sausage	Braised Steak & Peppers	Korean Beef Bulgogi	Honey Maple Roast Chicken	Chicken Bechamel	Wild Rice	Spaghetti Alla Caprese
Eggs Benedict	Bacon & Cheese Quiche	Green Bean Provencal	Veggie Apple Stir Fry	Chili Mac	Scalloped Potatoes	Sausage & Peppers
DINNER						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Aug. 19
French Dip Sandwich	Beef or Chicken Tacos	Chicken Chop Suey	Steak Night	Huli Huli Chicken	Mediterranean Chicken	Herb Baked Chicken
Kwaj Fried Chicken	Enchiladas	Pineapple Ginger Pork	Crispy Garlic Chicken	Hawaiian Style Meatballs	Vegetarian Pasta	Shepherd's Pie
Vegetarian Pasta	Refried Beans	Sesame Noodles	Vegetarian Saute	Island Style Fried Rice	Grilled Potato & Onions	Mashed Potatoes

# COMMUNITY CLASSIFIEDS

## HELP WANTED

Visit USAJOBS.GOV to search and apply for USAG-KA vacancies and other federal positions. 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 Bldg. 700 and on the "Kwaj-web" site under Contractor Information>KRS> Human Resources>Job Opportunities. Listings for off-island contract positions are available at www.krsjv.com.

RTS Weather Station. Position: Electronics Technician (Full-time). Education: Associate Degree or equivalent experience. US Citizen/Permanent Resident Card required. For details and to apply see <http://www.aq-ast.com/careers>.

## FOR SALE

9'8" surfboard Wingnut Noserider brand new on island. \$900. Call 58989.

## LOST & FOUND

FOUND: Women's watch on grounds of CDC (a few weeks ago) and purple, baby sunglasses found near Surfway. Call CDC office at 52148 to claim.

## COMMUNITY NOTICES

Fall Ladies Groups. 9:30 a.m. or 6:30 p.m., beginning Thursday, August 10. New series, "Bad Girls of the Bible." What do we have in common with these long ago Bad Girls, including Jezebel? Lots! Come join the fun! Questions? Contact Mindy Cantrell 51293 or Melinda@bmcantrell.net.

Quizzo. 7:30 p.m., Fri., Aug. 18, at The Vets Hall. Original host Neil Dye will be seeing how much useless information is in your head! Questions? Con-

tact Neil Dye or Mike Woundy.

"Galactic Atoll Bowl" Night. 6-9:30 p.m. Saturday, Aug. 19, at the Bowling Alley. Bring your beverages and friends, we'll bring the RAVE. Adults only, please. \$2 for shoes, \$2 per game.

Yokwe Yuk Women's Club Annual Meet and Greet Party. 4-5:30 p.m., Mon., Sept. 18, at Quarters 241. All women on the atoll are invited to attend! Questions? Contact Kellie Reed at 53640. Save the Date!

Child and Youth Services (CYS) Volunteers Needed. CYS provides before and after school programming at the Child Development Center, School Age Center, Teen Center, and Youth Sports. Sign-up at CDC Central Registration, BLDG 358. Questions? Contact Mamo Wase at leimamo.k.wase.ctr@mail.mil.

Safely Speaking: Material Handling 6 (Pushing and Pulling). When using equipment that requires you to push or pull, your technique is important for reducing the risk of arm, shoulder or back injury. It takes more force to get something moving than it does to keep it moving. In most cases pushing is preferred over pulling. But keep in mind equipment with a hinge and handle are designated to be pulled not pushed. Remember do not push or pull items that are over 300 pounds. Get Help!

Safely Speaking 2: Water comes with some risks and hazards. With the proper precautions, we can reduce these risks significantly. Keep these items in mind the next time you're around water.

- Insect eggs hatch in standing water. Dump out or trip over sources of standing water.
- Let your boots dry either upside down near fan or heater, or in a dryer (if the dryer allow). Working with

wet feet can worsen infection.

- Use Buddy system while swimming.

E-Talk: Exporting Artifacts. It is illegal to export any artifact, cultural property, or archaeological resource from USAG-KA or the RMI. Questions or concerns? Call Archaeology at 5-9502.

As we are nearing flu and cold season and Atoll residents are returning from vacation, please be mindful and remember to wash hands often. We are a small community and some things we do NOT need to share. Let's be proactive and if you are sick, PLEASE stay home from work and/or school.

Summer Hours for Pools and Beaches ends Monday August 21. Millican Family Pool: Tues. & Wed. 3:30-6 p.m., Thursday - Closed; Fri. & Sat. - 3:30-6 p.m.; Sun. & Mon. - 11 a.m.-6 p.m.; pool closes at 5 p.m. on Wed. & Fri. when Swim Team is in session. Emon Beach: Sun. & Mon. - 11 a.m.-6 p.m. Adult Pool: Sat.-Thur. 24/7; Friday - Closed. No lifeguard at adult pool, Buddy System Advised.

## REGISTRATION NOTICES

CYS Youth Sports: Flag Football Season Registration Open: Aug. 3-30. Season Dates: Sept. 7-Oct. 19. Cost is \$25.00 per player. Open to all CYS Youth Kindergarten-Grade 6. To register, visit Amy Hansen at Central Registration, Building 358 or 5-2158.

CYS Start Smart Program: Golf Season Registration Open: Aug 3-30. Season Dates: Sept. 13-Oct. 18 (Wednesday's). Cost is \$25.00 per player. Open to Ages 4-7. To register, visit Amy Hansen at Central Registration, Building 358 or 5-2158.

Adult Soccer Season Registration: Aug. 15-25. Season runs from Sept. 6-Oct. 20. \$100 team fee. Separate

## EOD UXO DISPOSAL OPERATION

Friday, August 18

EOD will be conducting disposal operations at UXO Disposal Site "Shark Pit" from approx. 1-2:30 p.m. Area will be off-limits until operation is complete.

men's and women's leagues. Limited team slots available so register fast! For questions or to register, email [derek.m.finch.ctr@mail.mil](mailto:derek.m.finch.ctr@mail.mil) or call 51275.

September Learn To Swim Class. Registration Open: Aug. 22-Sept. 2. Session dates: Wednesdays and Fridays (8 sessions), Sept. 6-29. Levels III, IV, & V 3:45-4:15 p.m.; Levels I & II 4:30-5 p.m. Cost: \$50 per participant. Participants must be at least 4 years old. For questions and registration, contact Cliff Pryor at 52848.

Water Safety Instructor Class. Registration Opens: Aug. 29-Sept. 9. Session Dates: Sept. 24-25 and Sept. 30-Oct. 1. Required pre-requisite skill swim - Sept. 9. Cost: \$200 (includes books and certification fees). Course fee due by Sept. 23. Participants must be at least 16 years old. For questions and registration, contact Cliff Pryor 52848.

**PLEASE** do not remove the shopping carts from Surfway property. They are authorized for use at the facility only.

## Café Roi

\*MENU CURRENT AS OF AUG 11

### LUNCH

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Aug. 19
Sliced Roast Beef	Comed Beef	Thai Beef	Meat Ball Sub	Baked Fish	Greek Herb Chicken	Sausage and Peppers
Egg Muffin	Chicken Supreme	Chicken in Peanut Sauce	Curry Chicken	Cottage Pie	Pastitsio	Chicken Alfredo
Sauteed Fish	Breakfast Frittata	Tofu Veggie Stir-Fry	Rice Stir-Fry Vegetables	Vegetable Quiche	Greek Lemon Potato	Roast Chicken

### DINNER

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Aug. 19
BBQ Pork	Roast Turkey	Pizza Night	Grilled Steak	Roi Fried Chicken	Mexican Night	Grilled Pastrami Sand.
Chicken Florentine	Oxtail Stew	BBQ Pork Ribs	Chicken Fajitas	Swedish Meatballs	Beef Tacos	Roast Pork
Pasta Primavera	Bread Stuffing	Manicotti	Baked Beans	Egg Noodles	Tamales	Onion Rings

# SECDEF: NK MUST JOIN INTERNATIONAL COMMUNITY, END PURSUIT OF NUKES

EXTERNAL REPORT

DOD press release

WASHINGTON, Aug. 9, 2017—The United States and its allies have the demonstrated capabilities and unquestionable commitment to defend themselves from an attack, Defense Secretary Jim Mattis said today in a statement.

"Kim Jong Un should take heed of the United Nations Security Council's unified voice, and statements from governments the world over, who agree [North Korea] poses a threat to global security and stability," he said.

North Korea must choose to stop isolating itself and stand down its pursuit of nuclear weapons, Mattis said, and should cease any consideration of actions that would lead to the end of its regime and the destruction of its people.

President Donald J. Trump was informed of the growing threat last December, the defense secretary said, "and on taking office his first orders to me emphasized the readiness of our ballistic missile defense and nuclear deterrent forces."

"While our State Department is making every effort to resolve this global threat through diplomatic means, it must be noted that the combined allied militaries now possess the most precise, rehearsed and robust defensive and offensive capabilities on Earth," Mattis said. North Korea will continue to be grossly overmatched by the U.S. and its allies, he said "and would lose any arms race or conflict it initiates."

## HOW TO SUBMIT HOURGLASS AND ROLLER ANNOUNCEMENTS

Here's how to put a community announcement in the Kwajalein Hourglass or on the AFN roller TV Channel:

- Obtain an Hourglass Publication Request form or an AFN Kwajalein Roller Announcement Request form on the USAG-KA-web intranet website.
- Click the "Community" tab at the top of the page and click on "Hourglass" in the dropdown menu. Each form is located in the "Libraries" submenu at left. Follow the form instructions, and send the form to the appropriate email address listed on the form.

NOTES: 1) Submit your Hourglass ad by Noon Wednesday for publication on Saturday. 2) The Roller Channel is updated twice each week, usually Wednesday and Saturday.

- Don't have access to the USAG-KA-web intranet site? Send an email to Media Services at [usarmy.bucholz.311-sig-cmd.mbx.hourglass@mail.mil](mailto:usarmy.bucholz.311-sig-cmd.mbx.hourglass@mail.mil). A staff member will email you the form(s) directly.

### NEED TO UPDATE YOUR CONTACT INFO IN THE GARRISON DIRECTORY PHONEBOOK?

The process is very simple. Simply shoot an email to Shawn Kelley at [shawn.g.kelley.ctr@mail.mil](mailto:shawn.g.kelley.ctr@mail.mil). You may also give him a call at 51127.



# [www.army.mil/kwajalein](http://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](mailto:Nikki.l.maxwell.civ@mail.mil).

## 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.**

## 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.

