

**VOLUME 5 NUMBER 35**

**September 3, 2016**

# ***THE KWAJALEIN HOURGLASS***



## **THIS WEEK**

**COLLEEN FURGESON**

OLYMPIC SWIMMER RETURNS - P 2-3

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Recently returned from Rio de Janeiro, Olympic swimmer Colleen Furgeson is ready for the 2020 Olympic Games.

 Jessica Dambruch



# HOURLASS INTERVIEWS

*Kwaj resident and Kwajalein Jr./Sr. High School senior Colleen Furgeson competed in the 2016 Olympic games in Rio de Janeiro last month, taking first place in her 50-meter freestyle swimming heat. Back home after nearly 2.5 months of training in the United States and Brazil, Furgeson talks to the Kwajalein Hourglass about her experiences competing on the world stage.*

## What was it like to win first place in your heat?

You can't hear anything in the water. Not even when you touch the wall. As soon as I touched the wall, I saw my face on the screen, and I knew I'd got first, which was the number one thing my coach and I wanted. "You gotta win first. Second and third, sure; but first is my primary thing." I was just so happy. I looked at my time and realized, "Wow, I just got a PB [personal best]." It took me a while to get out of the water, because I was just still in shock I'd won first. It was a win for my country, for me and my coach and all the hard work and dedication she's given me. She was more nervous than I was before my race. Then I got out of the pool. I looked at my mom, my coach and the rest of my team and in my head said: "You won first in your heat. You're on the screen. The whole world saw."

## How does it feel to return home as an Olympian?

In Rio, I didn't feel really special, because Olympians are

everywhere. But being here, I love it. I love people walking up and saying good job. I'm glad that everybody knows that I've represented their country, and I really hope they think I did well. I don't want people to treat me differently. I'm still a student who does everything on this island. I'm still a Kwaj kid.

## What did you look forward to coming back to do?

Sports! I love playing sports here. It's amazing. It's so much fun. It brings everything out in me: anger, hap-

piness, joy. It's awesome. But also just working with all of the community as well: life-guarding, KSA [Kwajalein Sports Association]. I work for the Kwajalein Swim Team. I coach the middle group, and when I have the time I do my own swim lessons.

## At the Games did you think of yourself as a role model for future athletes?

I did, especially for the girls here. They swim, but there's only a certain amount of people who can [represent the RMI], because you have to be Marshallese. It's super hard to be a female athlete from here because [the average Marshallese athlete] doesn't have a pool; they don't have a track. That really hurts them. Me being on Kwajalein helps me a lot.

## What is the most valuable lesson you learned from

## the swimmers in the Oceania Family?

Always being there for each other. I knew that, but being at the Olympics is just huge, and none of us got distracted by it. We were focused on ourselves and each other. It was not an all-about-me-type of competing. It was all about us being united together. We did so many things together other than the sport we were there for. We played sports; we did beach volleyball and rugby.

## Tell us about training with your coach Sarah Stepchew.

Everyone needs to understand all her dedication she's given me. She did it on her own time. She wasn't getting paid at all. The fact [is] that she was doing it because she believed in me. Working with Sarah is difficult. She's



Courtesy Sarah Stepchew

*Furgeson rests in the water during training for her 50-meter freestyle Olympic competition in Rio de Janeiro last month.*

## 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.

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a really tough coach, which is something I really need. She will not let me skip a practice, and I really like that she will let me play other sports. She understands the opportunities that I have here. Before the Olympics I was training at Bolles Swim Camp, but Sarah was training me for Fiji and, of course, the Olympics. But Fiji was kind of the Olympic trial for me. The three years Sarah was training me were always for the Olympics. We both have the same goals for me, which helped a lot.

**So you excel when you work under pressure?**

Oh yes. I can't just sit there and do nothing. I'm not that type of person. And if I'm not doing something then I freak out, because I'm so used to doing something. If I'm not playing sports, then I'm doing something for the community. I don't really have downtime. ... I think last year and the year before that I got maybe three-four hours of sleep per night. I do a lot. I am working, constantly volunteering

for everything, working even more; I work with kids, I have school.

**Were there any swimmers you hoped to meet at the Olympics, or that inspired you while you trained?**

Missy Franklin. She's a backstroker, and I'm a backstroker, and she's amazing. As I got older I realized there are other teams than Team USA. The one swimmer I did want to meet was Katinka Hosszu. She's from Hungary. I got a picture with her. I spoke to her. She's an amazing swimmer. She's Iron Lady!

**Any advice for young swimmers who want to try for the Olympics?**

If you have a goal, you keep reaching. You keep trying to achieve that goal. My goal was to go to the Olympics. I did not give up once. It helps to always have somebody who is there to support you 110 percent. If you don't have anybody on your side, then this is your chance to show every-

body that this is what you do and are able to do. Swimming is a beautiful sport. Just continue to do it. It takes you to a lot of places. I started in 2013 in Barcelona, and all I've been doing is going. And in 2020, anything can happen. You have to be motivated; you have to be disciplined. I did it. And stay in school!

**So now it's back to school. Which class are you most excited about?**

Work study with Derek Finch at Sports Management! I'm super excited because this is something I want to do for my career, for my life, and so I think being here is a perfect place to try it out. There are so many sports I can try it out with.

**What was it like to train for your competition?**

Training for each meet is different. So, prior for the Olympics, I was at Bolles, and they had everything down. We would start out with breakfast, swim for two hours, have

core for an hour, have a rest, and then we had class, and then we had dryland. Swim for two more hours. I didn't start tapering off until two-three weeks before the actual swim day. It's also everything you do outside of the water. Eating healthy is not something I'm good at. I missed Dr. Pepper. That was the number one thing I complained about 24-7: "Where's my Dr. Pepper?"

**What is it about Kwajalein that you love the most?**

I love my community. They help so much, my family and friends. I have about five families that have adopted me. I am welcome into their houses all the time. They feed me when I'm hungry, they tell me everything. I love having so many people here who love me. Because I love them. It's definitely the community that makes this home.

**How do you mentally prepare for racing and getting ready for competition?**

I don't. I can't think, "Oh, my breakout has to be awesome." Because if I do, I'm not going to do it.

**Is there anything you want to tell the community now that you're home?**

Thank you so much for all the support. I really appreciate it. All those Facebook messages, sharing the videos, taking pictures of my race ... and even before my race they were rooting for me. If they hadn't been doing that, I don't think I would have been able to do it. They gave me like a 10 points higher, going, "Colleen, you've really got to do this!" Thank you so, so much. It's definitely written on my heart. Thank you. And of course thank you to Sarah for coaching me. She needs to get credit. I am crazy, all crazy. I definitely give props to her for being my coach.



*Furgeson prepares to launch off the block during her heat.*



# LIFE IS A CHALLENGE - YOU MUST WIN!!



## PROGRAM WILL IMPROVE THE TEENS'

**SELF ESTEEM**  
**TEAM WORK**  
**LEADERSHIP**  
**PHYSICAL FITNESS**  
**COMMUNICATION SKILLS**  
**SERVICE TO COMMUNITY**  
**ACADEMIC GOALS/SUCCESS**

**Join the USAG-KA Mentorship Program**  
**Mondays, 7-9 a.m. at the Youth Center**



**The Fun  
Begins  
Sept 12!!**

***Including Community Outreach  
on Ebeye!***



*For more information, contact:  
CSM Rawlings at 5-1414 or email:  
[angela.u.rawlings.mil@mail.mil](mailto:angela.u.rawlings.mil@mail.mil)*

# PREP YOUR SURVIVAL KIT

## HOURLASS REPORT

**Say a USAG-KA-wide disaster strikes**, one that cuts off residents' access to electricity, water, shopping and communications. Will you and your family be ready? Read on to learn about the sundry items to go out and grab in order to complete your own survival kit. In the event of a crippling event, such as a destructive typhoon, you'll be glad you did.

First grab a large travel bag or suitcase and then cram it with these items. This is what you'll want to bring along to the evacuation shelter in the event of a disaster.

- 1) A one-gallon jug of water for each person in your household
- 2) A one-day supply of non-perishable food to cover every person in your household
- 3) Manual can opener
- 4) Eating utensils, plates, cups and so on
- 5) Sensible clothing
- 6) Rain gear, such as ponchos
- 7) One blanket for each family member
- 8) First-aid kit
- 9) Short-term supply of all required prescription medications taken by members of the household
- 10) Short-term supply of common over-the-counter medications
- 11) Personal hygiene items like travel-sized shampoos, soaps, toothpaste and so on
- 12) Battery powered radio
- 13) Flashlight
- 14) Fresh batteries
- 15) Entertainment items for kids—books and small toys will do
- 16) Plastic bags to protect items from water
- 17) Pet food

In addition to preparing a go bag to take along to the evacuation shelter, you should also prepare a post-disaster supply kit. This should be packed in a water-tight container and left inside your living quarters. It could be a game changer during the post-disaster phase after residents clear out of evacuation shelters. Here's what you'll need.

- 1) A three-day supply of freshwater for each person in your household. \*At least one gallon per person per day
- 2) Three-five-day supply of non-perishable food to cover all family members
- 3) Hats
- 4) Sunscreen
- 5) Insect repellent
- 6) Baby wipes
- 7) Towels
- 8) Matches and/or lighters for starting fires
- 9) Propane or charcoal for grill
- 10) Short-term supply of all required prescription medications taken by members of the household
- 11) Short-term supply of common over-the-counter medications
- 12) Pet food



## HOURLASS REPORT

**Safety Data Sheets employ** a 16-section format. There will be standardized information requirements for each section. The nine section WHMIS format for MSDSs will no longer be acceptable. Another important change to note is that the product classification and some of the label information will probably be required on the SDS. The SDS updating requirements (every three years) will likely be required.

### SDS Format

Information in the SDS should be presented using the following 16 headings in the order given below

1. Identification
2. Hazard(s) identification



3. Composition/information on ingredients
4. First-aid measures
5. Fire-fighting measures
6. Accidental release measures
7. Handling and Storage
8. Exposure controls/personal protection
9. Physical and chemical properties
10. Stability and reactivity
11. Toxicological information
12. Ecological information
13. Disposal considerations
14. Transport information
15. Regulatory information
16. Other information





*U.S. Army Sgt. 1st Class Chris Kratsas, left, a master diver assigned to Defense POW/MIA Accounting Agency and U.S. Army Capt. Troy Davidson, right, also assigned to DPAA, prepare to dive to investigate a seaplane wreck site in the waters of U.S. Army Garrison-Kwajalein Atoll.*



*LEFT: U.S. Army Sgt. 1st Class Chris Kratsas, a master diver assigned to Defense POW/MIA Accounting Agency who is also the acting diving supervisor, monitors the dive clock as the first set of divers investigate a seaplane wreck site in the waters of U.S. Army Garrison Kwajalein Atoll. RIGHT: U.S. Army Private 1st Class Timothy Sparks, a diver assigned to 7th Engineer Dive, prepares to tow a site scan sonar to investigate for possible wrecks in the waters of U.S. Army Garrison Kwajalein Atoll. The mission of the Defense POW/MIA Accounting Agency is to provide the fullest possible accounting for our missing personnel to their families and the nation.*



*U.S. Army Sgt. 1st Class Jeramy Bays, a master diver assigned to Defense POW/MIA Accounting Agency, enters the water to investigate a seaplane wreck site during day three of a four-day dive mission in the waters of U.S. Army Garrison Kwajalein Atoll.*



*For their expertise, professionalism and enthusiastic response to multiple power failures on Legan and Gagan, and for dedication with which they prepared and installed new generating units on these outer islands, Craig Schepers and Greg Pope from the Public Works Generator Shop, are awarded a Performance Award this week by Public Works managers.*



# KWAJ LABOR DAY CELEBRATION

## MONDAY, SEPT. 5, AT EMON BEACH

**4 p.m.** Food sales  
Inflatables  
Slip-n-slide

**5 p.m.** Crafts and  
games

**8:30 p.m.** Fireworks!

\*All swimmers  
must exit the  
water at Emon  
Beach by 8:15  
p.m., Sept. 5 in  
preparation for  
the fireworks  
display.

In the event of rain, this  
same schedule and the  
same events will go on the  
following day, Sept. 6.

### LABOR DAY WEEKEND HOLIDAY HOURS

#### Kwajalein

	Sun. Sept. 4	Mon. Sept. 5	Tues. Sept. 6
Emon Lifeguard	11 a.m.-6 p.m.	11 a.m.-8:30 p.m.	11 a.m.-6 p.m.
CRC	Closed	8 a.m.-4 p.m.	Closed
Bowling Center	Closed	Closed	Closed
Golf Course	Sunrise to sunset	Sunrise to sunset	Sunrise to sunset
Country Club	7 a.m.-5 p.m.	7 a.m.-2 p.m.	Closed
Hobby Shop	1-6 p.m.	1-6 p.m.	Closed
Library	Closed	Closed	Closed
Family Pool	11 a.m.-6 p.m.	Closed	11 a.m.-6 p.m.
Small Boat Marina	8 a.m.-6:30 p.m.	8 a.m.-6:30 p.m.	8 a.m.-6:30 p.m.
Surfway	Closed	1-5 p.m.	1-7 p.m.
Surfside Salon	Closed	Closed	Closed
Sunrise Bakery	*Check facility	*Check facility	*Check facility
Ocean View Club	4:30 p.m.-2 a.m.	4:30-2 p.m.	4:30-11:30 p.m.
Post Office	Closed	Closed	3-6 p.m.
AAFES Express	Normal hours	10 a.m.-4 p.m.	Normal hours
AAFES Pxtra	Normal hours	10 a.m.-4 p.m.	Normal hours
Food Court	Normal hours	10 a.m.-4 p.m.	Normal hours
American Eatery	Normal hours	Closed	Normal hours
Community Bank	Closed	_____	Closed
Rich Theater	7:30 p.m.	_____	_____
Yuk Theater	7:30 p.m.	Closed	_____

#### Roi-Namur

	Sun. Sept. 4	Mon. Sept. 5	Tues. Sept. 6
AAFES Express	Normal hours	Normal hours	Normal hours
Small Boat Marina	8 a.m.-6:30 p.m.	8 a.m.-6:30 p.m.	8 a.m.-6:30 p.m.
Third Island Store	Closed	Closed	Closed
Outrigger Snack Bar	Noon-2 p.m. 5:30-10 p.m.	Noon-2 p.m. 5:30-9 p.m.	11 a.m.-12:30 p.m. 5:30-9 p.m.
Outrigger Bar	5:30-11 p.m.	5:30-11 p.m.	5:30-10 p.m.
Post Office	*Check facility	*Check facility	*Check facility
Salon	*Check facility	*Check facility	*Check facility

## THIS WEEK IN KWAJALEIN HOURGLASS HISTORY



### SEPTEMBER SURPRISE DANCE

16 SEPTEMBER 1961

PLACE YOKWEYUK CLUB  
TIME 9 PM TO 1 AM SATURDAY  
SEPT 16TH  
TICKETS \$2.50 PER PERSON INCLUDES  
COCKTAILS - 9 TO 12 AND  
BREAKFAST. - 11.30 TO 1 AM  
MAXIMUM CAPACITY 300 - GET TICKETS  
EARLY!!!

FROM

JUDY PAUL	MAJ HENRY PAUL
TRANSIENT HOTEL	JTO BUILDING
SUE ESTABROOK	FRANK FELL
HOSPITAL	JTO BUILDING
ALTA BUTRIMAS	LCDR ZENISEK
COMMISSARY	ADMIN

RESERVATIONS MAY BE MADE AT THE CLUB

From Sept. 6, 1961

**PISTOL QUALIFICATION MATCH**  
THE ROD AND GUN CLUB WILL  
HOLD A 22 CAL. PISTOL QUALI-  
FICATION MATCH ON MONDAY,  
SEPTEMBER 7.

THE MATCH WILL BE HELD AT  
THE PISTOL RANGE BEGINNING AT  
9 A.M. AND WILL BE CONDUCTED  
IN ACCORDANCE WITH NRA RULES.

THE QUALIFICATION MATCH WILL  
BE OPEN TO ALL ISLAND RESI-  
DENTS 16 YEARS OF AGE AND  
OVER. CLUB PISTOLS WILL BE  
AVAILABLE OR YOU MAY BRING  
YOUR OWN.

AMMUNITION WILL ALSO BE  
AVAILABLE AT THE RANGE AT  
COST. LIGHT REFRESHMENTS WILL  
BE SERVED. ALL INTERESTED  
SHOOTERS ARE ENCOURAGED TO  
COME OUT AND ESTABLISH THEIR  
SCORE. SCORES ESTABLISHED  
AT THIS TIME WILL BE USED FOR  
CLASSIFICATION PURPOSES AT  
FUTURE ISLAND-WIDE PISTOL  
MATCHES.

From Sept. 3, 1964

"I'D RATHER BE ON KWAJALEIN"  
and  
"I'D RATHER BE ON ROI-NAMUR"  
T-shirts on sale  
Saturday, Sept. 6, in Macy's

From Sept. 5, 1980

*In the mid-1960s, E. H. Bryan, Jr.—then, manager of the Bishop Museum in Honolulu—and his staff at the museum's Pacific Scientific Information Center prepared an in-depth guide to the geography, biodiversity and history of the Marshall Islands and the cultural practices, lifestyles and histories of the Marshallese people. Written specially for Kwajalein Hourglass readers, the 24-part series appeared over the course of two years and was titled "The Marshalls and the Pacific."*

*Uncovered at the Grace Sherwood Library, it comprises a literal bounty of professionally-curated essays that take the reader on a profound tour of knowledge on everything from marine shell identification and the etymology of atoll names, to the traditional division of labor in the Marshallese household and explanations on how atolls are formed.*

*Included are excerpts from the timeless "Marshalls and the Pacific" series. Enjoy.*

## MARSHALL ISLAND INSECTS, PART 1.

BY E.H. BRYAN, JR.

THIS IS THE FIRST HALF OF THE SEVENTH IN A SERIES OF ARTICLES CONCERNING LIFE IN THE MARSHALL ISLANDS AGAINST A BACKGROUND OF THE PACIFIC OCEAN AS A WHOLE. THEY ARE BEING PUBLISHED EXCLUSIVELY BY THE HOURGLASS AND WRITTEN BY E.H. BRYAN, JR., WITH THE ASSISTANCE OF THE STAFF OF THE PACIFIC SCIENTIFIC INFORMATION CENTER AT THE BERNICE P. BISHOP MUSEUM IN HONOLULU, OF WHICH HE IS MANAGER.

**Insects make up a very large** proportion of all the different kinds of animals. There are more than 1 million species and varieties throughout the world. Many of these are so small or inconspicuous that they are likely to be overlooked except by persons trained to collect them or to know where they live. This is true particularly on many Pacific Islands, where there seem to be few showy insects. Insects are more numerous on high islands than on atolls, because the former have more types of habitat. Also, in the mid-Pacific there is the problem of how insects could have reached isolated islands without the help of man. Yet many indigenous species have done so, a fact which has caused much discussion among students of biogeography. It is thought that the ancestors of many came from the west, and that many of the smaller forms were lifted, perhaps by storms, into the upper air, where they were carried eastward by antitrades and jet streams far out over the Pacific basin. Here, descending gradually, those which landed in suitable environments had a chance to survive, and the working of evolution has accounted for the great variety among their descendants.

Insects and their relatives, which together make up the animal phylum Arthropoda, have a segmented body bearing jointed legs and other appendages. Typical insects (Hexapoda) have three body regions: head, thorax, abdomen and six legs. On the head are the eyes, mouthparts, and antennae (sense or-

gans for touch). The mouthparts also are provided with feelers (palpi) for tasting or learning about food by chemical reaction. To the thorax are attached the three pairs of jointed legs, and for many insects two or one (Diptera) pairs of wings in the adult stage, the larvae generally being wingless. In the thorax are the muscles for operating these appendages. The abdomen contains most of the vital organs, such as those for digestion and reproduction.

An insect starts life as an egg. The female deposits this, usually in a place where the developing young can find food and shelter. In the case of a few insects, the egg hatches inside the mother's body and a small larva is deposited. The skeleton of an insect is on the outside of its body. When growth fills this to capacity, the insect sheds this outside skeleton and expands quickly in size until the surface hardens into a new exoskeleton. Each of these changes is called an instar. During their life, some of the primitive insects, which are wingless, change very little except in size. In others, such as Orthoptera and Hemiptera, with "incomplete metamorphosis," changes consist chiefly in the addition of wings and the development of certain other appendages. Other groups, considered to be more highly developed, go through a more pronounced change, called complete metamorphosis. Between larva and adult there are is a "resting stage" before the caterpillar becomes a moth or butterfly, the grub becomes a beetle, the maggot

a fly, or other carefully protected larvae change to a bee, wasp or ant. This transition stage might better be called a quiescent period, for the complete change of structure and form which goes on within the pupa is anything but a "rest".

Insects are classified into species (with their forms or varieties), genera, families, and eventually orders. The Coleoptera (beetles) make up the largest order, followed in most regions by Hymenoptera (wasps, ants and bees), Lepidoptera (moths and butterflies), Homoptera (leafhoppers, aphids and scale insects), Diptera (two-winged flies), Hemiptera (bugs), and Orthoptera (roaches, grasshoppers, crickets and their relatives). There are a number of other smaller orders, variously classified. In addition to insects, there are other groups of arthropods with more than three pairs of legs, such as Diplopoda (millipedes), Chilopoda (centipedes), Arachnida (spiders, scorpions, ticks, and mites), and Crustacea, a few of which are found on land (such as sow bugs and amphipods), the greater part of them living in water, the familiar crabs, lobsters and their skin.

Where can one learn about Micronesian insects? Some work on them was done by German and Japanese scientists, but the publications by them are hard to locate and read. The great expanse in collecting and studying began during and following World War II. Health teams, agricultural advisors, various scientific expeditions, and plain "G.I. Joe" collected insect specimens or observed their economic relations to man, animals and plants. In the late 1940s it was suggested by the Pacific Science Board of the National Academy of Sciences, that all of the specimens which had been collected be pooled and studied together and the results shared. Several museums, government agencies and other scientific groups collaborated, and about 400,000 specimens were assembled, sorted and loaned for study to some 120 experts on the various groups throughout the world. They prepared reports and descriptions, and these are being published in 20 volumes under the title "Insects of Micronesia." This work has been coordinated and carried out at Bernice P. Bishop Museum, in Honolulu under the direction of Dr. J. Linsley Gressitt, financed by grants from the National Science Foundation and other sources. The specimens are shared among the cooperating institutions.

*\*Continued next week*

*The Kwajalein Hourglass*



# JSPOC MANAGES LASER TRAFFIC TO PROTECT SATELLITES

EXTERNAL REPORT

**VANDENBERG AIR FORCE BASE, Calif.** —Since its invention in 1960, lasers have found their way into a wide range of uses—from the more commonly known applications seen in modern medicine, optical data drives and laser pointers, to developing technologies in astronomy, communication, and military defense. When laser energy is emitted above the horizon, it continues to travel into space and may inadvertently illuminate satellites. That's where the Laser Clearinghouse and its unique mission come into play.

This small team within the Joint Space Operations Center is responsible for the registration, scheduling and deconfliction of a wide range of laser programs.

"The Laser Clearinghouse mission is to ensure that Department of Defense laser activities are conducted in a safe and responsible manner that protects space systems, their mission effectiveness, and humans in space, consistent with national security," said Army Capt. Austin Baker, JSPOC LCH chief.

For the three-man shop, there is no shortage of work as laser programs continue to develop.

"On a day-to-day basis, we perform several important functions – registration of new laser programs, scheduling activities, laser deconfliction processing, and system maintenance," said Baker. "While DoD laser programs are required to register with the LCH for any activity that enters space, non-DoD lasers may also register and receive deconfliction products as resources allow."

If someone is interested in getting lasers into the atmosphere, they must run their proposal through the LCH for approval.

"When a group's laser program wishes to fire above the horizon, they must submit a standardized request containing information about the operation – the location of the laser, the date and times of when they will begin and conclude, and where in the sky the laser will be pointed," said Tech. Sgt. Joshua Tarrant, JSPOC LCH NCOIC. "The LCH then takes those requests and computes open time-windows in which a laser is



U.S. Air Force photo by Airman 1st Class Robert Volio

**Army Capt. Austin Baker, Joint Space Operations Center Laser Clearinghouse chief, Tech. Sgt. Joshua Tarrant, JSPOC LCH NCOIC, and Tech. Sgt. Jeffrey Orr, JSPOC LCH technician, conduct training on laser divergence, Aug. 18, 2016, Vandenberg Air Force Base, Calif. Laser divergence is a critical parameter when determining the amount of energy a satellite in orbit may receive from a given laser. The three-man shop within the JSPOC is responsible for the registration, scheduling and deconfliction of a wide range of laser programs.**

cleared to fire, and provides them back to the laser program."

The functions performed by the LCH are vital in maintaining order in an already crowded space arena.

"Our deconfliction products ensure lasers can operate safely without harming objects in space," said Baker. "The JSPOC has a vested interest in protecting and defending U.S. and allied satellites, as well as avoiding unintended impact to commercial or international satellites. We are very proud that we can contribute to the protect and defend mission."

In addition to defending our extraterrestrial resources, Baker and his team work around-the-clock hours to enable the advancement of laser technologies and applications.

"It is particularly rewarding to contribute to the testing of directed energy

weapons such as the High Energy Laser Mobile Test Truck, Ground Based Air Defense system, and the Laser Weapon System," said Baker. "These programs will provide new and significant means of providing force protection against such threats as rockets, mortars, artillery, and unmanned aerial systems to our Warfighters across the globe."

With ever-developing space and technological advances, the LCH personnel remain steadfast in their commitment to protect space assets.

"The space arena is constantly changing and becoming more important to our global community," said Tarrant. "Laser technology is continuing to play a larger role in research, testing, development and operations. As we utilize laser assets more and more, protection of those space-based assets become more complicated and important."



# 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](http://www.krsjv.com).

## COMMUNITY NOTICES

**Vet's Hall Change of Hours.** Starting Sept. 1, the Vets Hall will open every Thursday opposite Bingo for Happy Hour from 4:30-9 p.m. Starting Oct. 1, the Vet's Hall will be closed on Sunday evenings. We will reconsider reopening full time on Sundays after the beginning of the new year. The Vet's Hall will still be available on Sundays for large parties, bands, and as always private parties. Questions? Contact Mike Woundy.

**Merbabes Swim Class.** 9 a.m.-9:30 a.m., Saturday, Sept. 3, at the Family Pool. Class is for children ages 6 mos.-3 yrs. Come enjoy an American Red Cross parent/child swim lesson and develop a comfort level in and around the water. Participants must be accompanied by an adult in the water. Swim diapers are required for children who are not potty-trained. Cost is FREE! Questions? Contact Cliff at 52848.

**The Great Kwaj Swap Meet.** 4:30-6:30 p.m., Saturday, Sept. 3. LOCATION CHANGE: behind the tennis courts. One complimentary table per house-

hold, additional table is \$10. Pick-up service provided, please ask for the pick-up when registering. No oversized items please. Call the CA office at 53331 to reserve your table.

**Pool Closed for Labor Day.** The Family Pool will be closed Monday, Sept. 5 in support of the Labor Day Beach Blast. Please join us at Emon Beach for the fun and festivities!

Please join us for Quizzo at the Vet's Hall Friday, Sept. 9. Session starts at 7:30 p.m. and will be hosted by Neil Dye.

**Christian Women's Fellowship monthly luncheon.** 12:30 p.m., Sunday, Sept. 11, 2016 in the Religious Education Building.

**Backwards Golf.** Shotgun start, 10 a.m., Monday, Sept. 12, at Holmberg Fairways. We're turning the course around and playing in reverse. This is a four-person scramble team. Cost is \$30. Show up early to sign in. Sign up by contacting Carmel Shearer at [carm1022@yahoo.com](mailto:carm1022@yahoo.com) or 51407.

**The Family Pool** will be closed Monday, Sept. 12 until 2:30 due to a Kwajalein Swim Team swim meet.

**Fall Bowling League Registration.** Sept. 13 - 23. League games on Tuesday nights from Sept. 27 - Dec. 6. Team slots are limited so register fast! \$70 with shoe rental, \$60 without shoe rental. To register, call or email Derek Finch at 51275. Adults only, please!

**Roald Dahl Day** Saturday, Sept. 14, 10 a.m. and 3:30 p.m. at the library. Join us in celebrating the author that brought you classics such as "Matilda" and "James and the Giant Peach!"

Crafts, goodies and special readings. Come celebrate with us! For questions, call 53439.

The YYWC invites you to our Annual Meet and Greet at the Colonel's house on Monday, Sept. 19 at 4 p.m. Learn about our community events and philanthropic efforts this year.

**CYSS Fall Kickoff - Monday, Sept. 19.** All CYSS registered families are invited to an afternoon of fun and games for all ages at the Youth Center fields. Activities begin with the Worldwide Day of Play at 2 p.m. featuring inflatables, face painting, parachutes and relays. Parents can sign-up their kids for 4-H after school activities in the Youth Center anytime between 2:30-3:30 p.m. At 4 p.m. all CYSS youth age 12 and under can enjoy a free open recreation event with laser tag in the MP room. Outside, high school youth will be selling tickets to a variety of exciting carnival games as part of the Boys & Girls Club of America fundraiser.

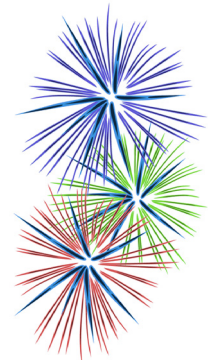
**Girl Scout Troop 801** is seeking parent volunteers for the 2016-2017 school year. We are in need of a Chairperson, Secretary/Registrar, and Troop Leaders before registration can begin. Parents can serve in any and all positions. Contact Carrie Aljure at 51897.

**Safely Speaking:** The flammables pictogram is one of the new OSHA symbols you'll start to see on workplace chemicals. Flammable means it may easily catch on fire.

**E-talk:** The Marshall Islands have over 700,000 square miles of shark sanctuary where commercial shark fishing is not permitted.

## Labor Day Fireworks Safety Precautions

**Monday, Sept. 5:** All swimmers must exit the water at Emon Beach by **8:15pm** in preparation for the fireworks display.



## FIRE PREVENTION INSPECTIONS

Fire Prevention and Housing representatives will be conducting fire alarm system and room inspection in the BQ's. All rooms will be entered.

Tuesday Sept 13  
Coral and Palm

Wednesday Sept 14  
Reef and Ocean

Thursday Sept 15  
Sands and Shell

Friday Sept 16  
Surf and Tropics

Contact Tim Roberge via email or 52790 if you would like to be present.

## Captain Louis S. Zamperini Dining Facility

\*MENU CURRENT AS OF SEPT. 2

### LUNCH

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	September 10
Pork chops	Beef curry	Vegetarian saute	Tuna Casserole	BBQ Pork Ribs	Taco Bar	Spaghetti
Mashed potatoes	Cacciatore chicken	Roasted potatoes	Roast chicken	Roasted potatoes	Refried beans	Garlic toast
Sauteed beef tips	Au gratin potatoes	Chicken wings	Chef's choice	Vegetable saute	Chef's choice	Chef's choice

### DINNER

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	September 10
Fried Chicken	Pizza	Grilled Chicken	Steak Night	Mongolian BBQ	Chicken Fried Steak	Oriental Pork Steak
Meatloaf	Pasta Carbonara	Beef Pot Pie	Picante Chicken	Garlic Chicken	Fish Du Jour	Beef Broccoli Stir-Fry
Roasted potatoes	Vegetarian Medley	3-Cheese Macaroni	Baked Potato Bar	Chef's choice	Chef's choice	Chef's choice





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

Capt. David Rice  
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



	SUNRISE SUNSET	MOONRISE MOONSET	HIGH TIDE	LOW TIDE
<b>SUNDAY</b>	6:40 a.m. 6:56 p.m.	8:37 a.m. 8:55 p.m.	5:33 a.m. 4.4' 5:50 p.m. 4.2'	11:43 a.m. -0.6' 11:54 p.m. -0.4'
<b>MONDAY</b>	6:40 a.m. 6:55 p.m.	9:23 a.m. 9:36 p.m.	5:59 a.m. 4.1' 6:16 p.m. 4.0'	12:08 p.m. -0.4'
<b>TUESDAY</b>	6:40 a.m. 6:55 p.m.	10:09 a.m. 10:17 p.m.	6:26 a.m. 3.8' 6:44 p.m. 3.8'	12:22 a.m. -0.1' 12:32 p.m. -0.1'
<b>WEDNESDAY</b>	6:40 a.m. 6:54 p.m.	10:55 a.m. 11:00 p.m.	6:52 a.m. 3.4' 7:13 p.m. 3.5'	12:52 a.m. 0.2' 12:57 p.m. 0.2'
<b>THURSDAY</b>	6:40 a.m. 6:53 p.m.	11:41 a.m. 11:44 p.m.	7:21 a.m. 3.0' 7:48 p.m. 3.2'	1:25 a.m. 0.5' 1:25 p.m. 0.5'
<b>FRIDAY</b>	6:40 a.m. 6:53 p.m.	12:29 p.m. -----	7:58 a.m. 2.5' 8:41 p.m. 2.8'	2:07 a.m. 0.9' 2:01 p.m. 0.9'
<b>SEPTEMBER 10</b>	6:40 a.m. 6:52 p.m.	1:18 p.m. 12:30 a.m.	9:09 a.m. 2.1' 10:29 p.m. 2.6'	3:22 a.m. 1.2' 3:11 p.m. 1.3'

## COMMANDER'S HOTLINE

HAVE SOMETHING THE USAG-KA  
COMMANDER SHOULD KNOW ABOUT?

CALL THE COMMANDER'S  
HOTLINE AT 51098 TODAY!

## WEEKLY WEATHER OUTLOOK

RTS WEATHER STATION STAFF

**WEATHER TRENDS:** August finished with 8.12 inches of rain, about two inches below normal, but with the normal number of three days over one inch. The progression of waves in the easterly winds diminished after Aug. 20 and caused a slump in precipitation during those last 11 days. Tropical cyclone activity has continued further west, from Guam to Japan.

**OUTLOOK:** We expect to see stronger convection in the next few days (Friday-Saturday) as a weak wave transits the area. Decreased shower activity should then begin by late Saturday into the weekend, with another wave possible late next week. Our winds should generally remain confused and light between the waves, with doldrums establishing at times. The transiting waves will bring winds from southeast to northeast and increased showers, with only seasonal stray showers between the waves. The Intertropical Convergence Zone (ITCZ), which is formed from convergence of northeast and southeast surface winds, is likely to become more active to our east and slowly migrate toward Kwajalein in the next few weeks. Most rain chances will be between midnight and sunrise, with increased daylight chances when the waves come through Friday-Saturday and late next week. Computer models indicate that any source of west winds, needed to spin up tropical cyclones, should remain with the Monsoon Trough well west and northwest of the Atoll. There are no tropical cyclone threats for the Atoll are showing in our current predictors.



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.

Café Roi							*MENU CURRENT AS OF SEPT. 2
<b>LUNCH</b>							
<b>Sunday</b>	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>	<b>September 10</b>	
Peking Chicken	Pepper Steak	Spaghetti	Sir-Fry Beef	Shredded Beef Tacos	Hot Turkey Sandwich	Island Style Shoyu Chicken	
Indonesian Pork	Glazed Pork Loin	Garlic bread	Chicken & Broccoli	Enchilada Casserole	Apple Glazed Chicken	Hawaiian Chopped Steak	
Eggs Benedict	Cheese Quiche	Sausage & Peppers Sub	Ginger Rice Pilaf	Beans & Rice	Collard Greens	Spicy Asian Noodle	
<b>DINNER</b>							
<b>Sunday</b>	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>	<b>September 10</b>	
London Broil	Chicken & Dumplings	Coconut Fried Chicken	Roast Beef	Fried Chicken	Fish Francais	Oriental Pork Steak	
Herb Baked Fish	French Braised Beef	Korean Steak	Mustard Chicken	Meatball Sub	Boeuf Bourguignon	Beef Broccoli Stir Fry	
Pasta Florentine	Au gratin potatoes	Stir-Fry Vegetables	Corn on the Cob	Stir Fry Vegetables	Pommes Duchesse	Fried Rice	



# HEROES OF THE WEEK

BY JESSICA DAMBRUCH

**No pressure, but there are 27 guys** who notice every time you discard glass and aluminum in regular trash receptacles—and they mean business. Our heroes of the week are the dedicated crew at Solid Waste Management, led by Arizona native Mike Melander.

"This is kind of like a giant game of Tetris," says Melander, who stepped into his supervisory role in Jan. 2016. "Right now we have 'Operation Take Our Landfill Back.' Hopefully we'll have all of this cleared out soon so we have construction room for when we replace the incinerator."

Melander stands at the apex of a swath of bare earth at the edge of the landfill. A 2-foot circle of shade is cast by exactly one tree. Beyond him, small mountains of detritus are being baled and stacked into recognizable categories: PVC, scrap metal, appliances. It's not easy work.

"And the guys are awesome," he says. "We're really gelling as a team: three new guys, a couple guys who have been at

the landfill for over 40 years. They get right into it, get things cleaned up, and we've made huge gains just in clearing the land."

Melander and his cadre of seasoned workers from Ebeye have perhaps one of the least visible and most important jobs on the island. In teams they collect, compact and segregate scrap metals, recyclables and burnable waste. That often means delving into individual trash bags to sift out the aerosol cans that shouldn't be there.

"Once they get put in the incinerator..." Melander trailed off and grinned. "Well, fire and aerosol cans are usually not a good thing. People throw those in the trash. If they separated those with their aluminum and glass bottles... it would be better for us. I think we can normally all do better at separating our glass and aluminum cans. The island does a pretty good job at recycling. We just ask that people separate their stuff. Aerosol cans, have to get sent over to Haz Waste to be punctured."

How does one unwind after doing this kind of hard work?

Melander paused. "That's a hard question. Every once in a while we'll have a barbeque. By the end of the day, most of us are tired—we just want to go home and shower."

📷 U.S. Army photo by Jessica Dambruch



**PICTURED:** Davinson Abon, Danny Anjain, Anton Anton, Ramsay Atnej, Banto Bedinin, Mickey Brian, Rodrick Capelle, Lee George, Homer Graham, Arme Jaime, Tiem Jekkar, Lines Johnson, Biem Junious, Barnabus Laeo, Anjer Laginbelik, Naity Lait, Melser Launit, Randy Lucky (not pictured) Luso Mabe, Belma Marok, Almious Namon, Leander Nimoto, Hesky Philip, Samuel Seremal, Penny Albert (not in picture), Leto Kallep (not in picture), and Mike Melander, supervisor.