

# THE KWAJALEIN HOURGLASS



**Calibration Lab technician Terry Gimple works on thousands of dollars worth of equipment that is vital not only to the mission, but to daily living on Kwajalein and Roi-Namur. For more on the Calibration Lab and the work the staff does, see Page 4.**

Photo by Dan Adler

# Limited supply of H1N1 vaccine available

## Hourglass Reports

The hospital has received a limited quantity of H1N1 vaccine that is now available. Vaccination times are: Tuesday, Wednesday, Thursday and Saturday, 1 p.m. to 4 p.m. and Fridays from 9 a.m. to 11 a.m. Vaccines will be sent to Roi-Namur for distribution there through the dispensary. The shelf life of the

H1N1 vaccine that Kwajalein Hospital has on hand expires in about 60 days, so it is important that those who want to be vaccinated do so promptly. There is no charge for vaccination. All vaccine received is the injectable type. It is safe and effective for all persons four years and older. The vaccine is available for all USAKA/RTS residents and USAKA/RTS work force [including

RMI C Badge and domestic workers]. Pregnant women, household contacts of infants younger than six months [including domestics and childcare workers], health care and emergency services personnel, and those aged 25 years or older with underlying conditions that put them at high risk of complications from influenza are especially encouraged to be vaccinated.

To submit a letter to the editor keep letters to less than 300 words and keep comments confined to the issue(s). No personal attacks will be printed. Names will be withheld if requested, but letters must have signature. Letters will be edited for AP style and if necessary, space. Send your letters to The Hourglass, P.O. Box 23, APO, AP, 96555 or e-mail [hourglass@smdck.smdc.army.mil](mailto:hourglass@smdck.smdc.army.mil).

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## Buckminster and Friends by Sabrina Mumma



**THUMBS UP!!**



**A BIG thumbs up to Kendall Westhoff, Jarem Erekson, Seth Cochran, Julianne Kirchner, and Kenye Anitak for their time and effort in creating new stands for the school's Art Shows. You are wonderful!**

## 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.

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# SMDC/ARSTRAT chaplain visits Kwaj for two weeks to conduct Protestant services

Article and photo by Dan Adler  
Media Services Manager

Maj. Kevin Pies, U.S. Army chaplain for U.S. Army Space and Missile Defense Command/Army Strategic Forces Command arrived on island Jan. 20 to fill in for Protestant Chaplain Rick Funk for two weeks. He departed on Feb. 2.

Pies' home base is currently Peterson Air Force Base in Colorado Springs, Colo. He has been in the Army since 1995 and said the Army has been like a "wonderful family."

USASMDC/ARSTRAT got its first chaplain in 2004 and since then, Pies had been trying to obtain the position. "By begging and praying and being at the right place at the right time, it happened," he said. "I've been here [USASMDC/ARSTRAT] since June of 2008 and I'm the third chaplain the command has had."

Pies explained that USASMDC/ARSTRAT consists of research and development, the First Space Brigade and a missile defense National Guard Unit and when he was the only chaplain in the command, he put in a lot of miles ministering to the USASMDC/ARSTRAT Soldiers and personnel scattered around the world.

But two new chaplains have been added at the battalion level and Pies said, "That's great because they can get around more often to those Soldiers around the world who are doing the satellite communications and imagery."

He added, "You guys on Kwajalein have a special place in our heart and we're glad Rick Funk is out here with KRS. We're also working on getting a full-time Catholic priest."

Pies' path to the ministry wasn't smooth. He grew up in an Air Force family and lived all over the world. "My dad loved the Air Force and was in for 18 years," he said.

His family wasn't particularly religious and when he was 13, he was devastated by his father's death.

"I was quite a heathen," he said. My father's death created a religious conflict in my mind. I was bitter, angry and miserable. I went through



Maj. Kevin Pies, U.S. Army chaplain for U.S. Army Space and Missile Defense Command/Army Strategic Forces Command at Island Memorial Chapel during a visit to Kwajalein Jan. 20-Feb. 2.

a journey of being very rebellious. I wondered if God was good, why did I lose my Dad?"

He continued, "But I reasoned through it and it was a spiritual journey and I realized that there is stuff in life that happens and despite that, there's still a good God and there's always somebody watching over you. When I was 18 my life changed and two weeks later I was off to St. Paul Bible college in Minnesota and then a seminary."

He said taking that road was, "A dramatic turn. I just felt the calling, kind of a prompting and a leading. It wasn't like sitting on a beach and having a voice call out or anything like that. And at college I met my wife and that was wonderful and another blessing."

After the seminary, he got ministerial experience when he and his wife went to England where he was an assistant pastor at a Baptist church for five years. Pies said that going to England was amazing. "We made some wonderful friends."

Pies and his wife returned from England to the United States in 1992.

"We really didn't know what we were going to do," he said. "In 1994

I joined the Reserves and in 1995 came on active duty."

"I found out the Army has a ministry program," he said. "I joined the Army because it was a way to take care of my family and be of service to the country."

He added, "The Army demands a lot, but they take care of you with all of the benefits. I discovered that I really liked it. I was at Ft. Bragg for a summer with Reserve Officer Training cadets and I thought how neat it was not only to be their pastor, but to work and live with them and do all the things they do."

Pies is also very well-traveled. "Just in this last year, I've traveled 100,000 miles going to Germany, Korea and Japan. Space Command is unique in that we're not in one central motor pool. We're spread over the nation and the world. In this big world, I've been able to see a lot."

As Pies spoke, it came to light that being a chaplain doesn't always keep grief away. On Sept. 21, 2008, tragedy and great personal loss came to Pies once more when his wonderful wife of 26 years died of cancer.

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Calibration Lab staff, left to right, Noble Kaluhiokalani, Supervisor Scott Phillips, Song Banducci, Leonard Grandbois, David Minesinger and Terry Gimple.

# Calibration Lab's work affects lives, jobs of Kwajalein and Roi residents

Article and photos by Dan Adler  
Media Services Manager

During your time on Kwajalein or Roi-Namur, have you ever:

- Checked baggage at the airport?
- Had your weight taken at the hospital?
- Had a prescription filled at the pharmacy?
- Pumped fuel for a boat or a motor vehicle?
- Mailed packages at the post office?
- Flown on the Metroliners or on a helicopter?
- Been given a ticket by the police for speeding?
- Watched the weather on TV to see how the day was going to be?
- Used torque wrenches, pressure gauges, weights, telemetry equipment, electronic equipment or optics equipment in your job?

If the answer to any of those questions is yes, then you have crossed paths with the staff of the Calibration Lab. Those are just a few of the dozens of ways the Calibration Lab is involved with work and life on Kwaj and Roi.



Some of the gauges and different equipment the Calibration Lab works on.

The Cal Lab has more than 90 customers and more than 3,000 pieces of equipment which the staff must calibrate to exact tolerances. It's a demanding job that leaves no room for error. Any mistakes made could cost thousands of dollars or in the worst case, lives.

As staff member David Minesinger said, "We calibrate meat scales and produce scales at Surfway. We calibrate the airport scales for baggage. We do the drug scales for the police. We calibrate the tuning forks that calibrate the radar guns. We calibrate shipping and receiving scales for shipping your household goods off island when PCSing. We support the weather station. We calibrate the fuel gauges on the fuel pumps at the Small Boat Marina. If a gauge is off by one percent and aviation is pumping extra fuel at \$4 per gallon and you're putting a thousand gallons in an airplane, how much does that cost the island? Or if you're going fishing and you put fuel in a boat, do you want to be paying for fuel you really didn't put in because the gauge says you did? And we calibrate postal scales that determine how much you get charged for postage. We pretty much interact daily with everybody on island. It's not just mission stuff, but all of daily living too."

Even simple things like torque wrenches can be mission critical. If the torque wrenches used on fixed-wing aircraft or the helicopters aren't calibrated to the correct tolerances, the aircraft maintainers can't use it and the aircraft are grounded. Not only that, but all the maintenance that may have been done on the aircraft with those wrenches has to be redone and re-verified which adds up to mission assets not being available and huge costs to rectify the mistake.

Calibration Lab Supervisor Scott Phillips said, "There's not an organization on island I can think of that these guys don't touch in some capacity except maybe the schools and AAFES. There are some really incredibly smart people back there. It's a huge team effort. Any one piece missing in the equation and everything can get thrown out of whack."

Those 'smart people' are Minesinger, Song Banducci, Terry Gimple and Leonard Grandbois. Minesinger, Gimple and Grandbois got their starts in the calibration field in the military. Each of the staffers have 20 years plus experience. But it's not an easy or short path to being a calibration expert.



Noble Kaluhiokalani shows some of the equipment waiting to be calibrated.

As Minesinger said, "I graduated from the Army military school in 1978 and I have been in and out of this field since then. You go through your technical school [in the military] and that gives you the basics on electricity and electronics, what the basic circuits are, how to troubleshoot and that sort of thing. You get a very rudimentary course on how to calibrate something. Then you go out to the field and sit at a bench with a senior technician near you and you get several years of on-the-job training. You learn the physical dimensions, micrometers, torque wrenches, pressure gauges, signal generators, high frequency stuff and multimeters. You'll spend time in each of those areas when you first start learning the basics. Once you learn the basics, you can work in all those disciplines. A multimeter is a multimeter, a scope is a scope. As you progress, then you are upgraded in levels and you become the senior technician and you're teaching the younger guys."

As one would think, the Calibration Lab operation is demanding and exacting. The Lab has to meet the exacting tolerances of standard weights and measures.

"In ancient times, the standard

measure was the length of the ruler's arm," Minesinger said. "As rulers changed, so did the measure. So as far back as Babylon, they came up with a standard measure and made a measuring rod that would never change. They started using a fixed number of seeds to figure standard weights. Those were the first standard weights and measures. Of course things have changed over time and become more and more accurate."

Today, calibration tolerances and standard weights and measures are set around the world by international treaty so there will be no deviation from country to country.

As with most complex operations, there needs to be a control center. For the Cal Lab, that control center is Production Controller Noble Kaluhiokalani.

Phillips said, "It all begins here in production control with Noble and it all ends with Noble. Noble manages those 3,000 pieces of equipment from the approximately 90 customers on Kwajalein and Roi-Namur."

When equipment comes in for calibration, Kaluhiokalani inputs the data into an Army database called TIMMS (test measurement diagnostic equipment - Integrated material management system). He supplies receiving receipts signed by both himself and the customer acknowledging the equipment is at

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*The Kwajalein Hourglass*

the Cal Lab. Noble assigns priority status to the equipment getting first priority. He then follows up with each customer letting them know the status of their equipment.

Sometimes, the Lab does some special work. For instance, if the *Worthy* is scheduled to go out on a mission in three or six months and will miss the calibration cycle while gone, the ship is stripped of everything that needs calibration and the Lab gets it done before the ship has to leave.

But some of the equipment can't be calibrated on Kwajalein.

Phillips explained, "There's on-island calibration which we're capable of handling which means we have all the standards for TMDE and we have the equipment to calibrate it here. Some things we are not authorized to calibrate. Some of the equipment is sent to Redstone Arsenal in Alabama, White Sands in New Mexico or to the manufacturer because in those instances, they are able to calibrate to finer tolerances. Noble keeps track of the equipment no matter where it is or who has it. He is able to tell a customer the status of their equipment at any given time."

"I have to," said Kaluhiokalani. "We're accountable for all that equipment. Some of this equipment is \$40,000 or \$50,000. Once it comes through the door, it's my responsibility to keep track of where it's going and the status of the repairs."

Phillips said, "He is the center hub of our machine. We have millions of dollars worth of equipment roll through here. He sets the pri-

ority status as to whether it's mission critical or time sensitive. He also interfaces with Richmond back in the states getting purchase requests and purchase orders. He contacts the manufacturer to get data on how much the calibration will be and then tracking the equipment. He has an incredibly broad-based position."

Kaluhiokalani admits, "When I first started, it was hard to keep track of everything, but now I have it down. You just have to be able to multi-task."

Just getting equipment to and from the Cal Lab can be difficult.

"It's a challenge getting equipment here sometimes, especially if it's coming from the outer islands," said Phillips. "Stuff from Roi is on a two-week barge cycle or the Tuesday and Thursday flights for critical equipment. There's also the equipment from Meck and other islands. It's also Noble's responsibility to deliver it to shipping and receiving. We have our own vehicle that we use for making deliveries and if there's a weight issue, we utilize other heavy-lift resources. Noble is responsible for getting equipment to shipping and receiving. Noble does a beautiful job getting things packed for shipping. We go through a lot of bubble wrap."

Phillips added, "Sometimes with equipment that's too big to move or an integrated piece of equipment that can't be pulled out of a rack, our personnel will go to the site to calibrate the equipment. But those are far and few between. We try to get around that because even though the piece of equipment being calibrated is the size of a shoe box, it might take a \$100,000 stack of calibration equipment to work on it. So it's not just the size of the equipment that's being worked on that factors in. We're also trying to get organizations to have backup pieces of equipment so while one is being worked on the other one can be utilized."

According to Phillips, the weights used to calibrate the scales at shipping and receiving and other locations that use weight scales are sent off island to be checked for absolute accuracy. If those weights are off, the scales will be off and can cost either KRS or the



**Noble Kaluhiokalani checks equipment that is to be shipped to Roi-Namur.**

customer unnecessary money. The weights are checked down to hundreds of thousandths of a gram. It's down to such a fine tolerance that when the technicians are working on them they wear white gloves and use little tweezers because just the oil from their hands or a piece of dirt can throw a scale off. Because of that, weights used for calibration are kept in a sterile environment.

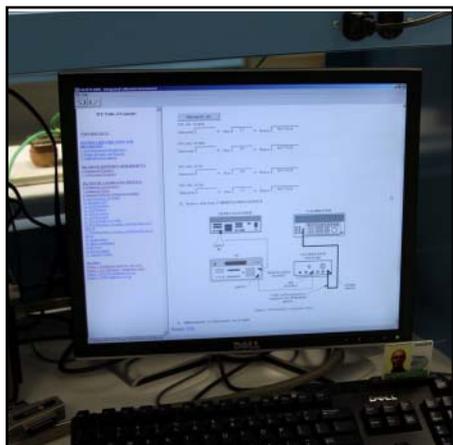
So when a resident or a customer is being charged for shipping or a resident goes to the hospital and gets weighed or when the pharmacist is weighing medicine for prescriptions, it's certain that those scales are within tolerance.

"Sometimes, however, we run into situations where the scales themselves are broken and have to be replaced or repaired," said Phillips. "We do run into that a lot out here. The equipment is so old that there's no repairing them."

After Kaluhiokalani gets equipment entered into the database and assigns a priority to it, the equipment is moved to a holding area where the calibration technicians will pick up the work orders.

Although they have years in the calibration field, sometimes the technicians need a little help.

"Even though all of us have 20 plus years experience, we haven't



**State-of-the-art computer software aids the techs in their calibration work.**

seen it all and we have to ask among ourselves,” said Minesinger. “It’s a collaborative effort. None of us individually has all the knowledge, but as a group we know a lot.”

Technician Grandbois said, “Sometimes we don’t have the answer and we’ll go outside to get them. Sometimes we’ll go all the way to the engineer who designed the piece of equipment.”

Minesinger explained, “There is also a site on the Internet which is a collaboration of calibration techs all over the world with commercial and military experience where we can go and get some answers on where we can get documentation on how to calibrate something or where we can get a piece of testing

equipment. Calibration is a very small field worldwide so we share what we know with everybody. And we spend lots of time reading technical manuals and publications on calibration procedures. The first thing you do, especially if you haven’t done a particular calibration in a while, is open the manual. If you do something wrong, you can wind up making a mistake that will cost thousands of dollars. When we were first trained they said, ‘Open the manual and read.’”

He added, “We also went out and purchased state-of-the-art automated software that no other Army Lab has. It speeds things up and makes it easier for us to do our job. Anytime we need to look for information, we can go to the computer rather than look through all the paper documentation.”

Minesinger also stated that if the Calibration Lab was a true Army lab, they wouldn’t have a lot of the equipment they do. “But because our work scope is unique and because we have some state-of-the-art stuff we work on, we have to support things that aren’t in the Army system so we have equipment that other Army labs don’t and can’t have. Another thing about this island that’s different from anywhere else is that we calibrate stuff that was built in



**Calibration Lab technician David Minesinger uses thousands of dollars worth of calibration equipment in his job.**

the 1960s. So we’re supporting 50-year-old gear. You’re not going to get that anyplace else in the Army.”

Grandbois said, “One of the problems we have is that a lot of the equipment is reaching its life limit and it’s so old, we can’t get it to calibrate anymore. So we have to place a limit on it.”

What placing a ‘limit’ means is when a piece of equipment has 15 functions for example, but only two of the functions work. If those two functions are enough to do what the customer needs the equipment to do, then documentation is made up so everyone knows that only those two functions work and the customer has to sign off on it.

But if a piece of equipment is just plain dead, they will go on the Internet and research to see if there are replacement parts available and so forth. Then they will make a recommendation to the customer to either replace parts or replace the equipment entirely.

Safety is also a very big concern for the Cal Lab technicians.

“We’re very safety conscious,” said Minesinger. “We work with a thousand volts of electricity on a constant basis. The old scopes, back in the tube days, would be 25,000 volts. We might be running tests on 10,000 pounds of pres-

sure. Somebody could get hurt very easily, so everything is safety, safety, safety.”

The Army also is involved in the Cal Lab’s operations. A quality assurance inspection is done every two years by the Army because as an Army calibration lab certain types of calibration equipment have to be on site.

Everyone at the Lab takes the job extremely seriously.

“We really are customer-oriented,” said Phillips. “We worked with THAAD when they told us what equipment they would be bringing out. We researched it and told them what we could support locally and what we couldn’t and made recommendations to them. There was also a Coast Guard vessel that came in and they had a lot of equipment coming due for calibration. Our guys got it done in a timely manner so the vessel was able to get back to sea. We helped them because they needed it.”

So the next time you’re filling up a boat with fuel for a day of fishing or getting a prescription at the pharmacy or flying in a Metroliner or a helicopter or any of the dozens of things you do during the day, give a thought to the staff at the Calibration Lab and the critical work they do to keep the island functioning every day.

“Now I’ve got two kids, a 17-year-old son and a 22-year-old daughter without their mother and I wonder if the experience with my father helped me through this.”

Even so, Pies expressed how hard the loss is for him. “I got real depressed afterwards. I said ‘I need to do something. Even the chaplain needs to reach out for help or everything’s going to go downhill.’”

Pies joined a grief support group and a Starting Over group that have helped him cope.

“The generals have been great,” he said. “They e-mail me and call me. The day after my wife passed away, Gen. [Kevin] Campbell called to see if I was doing alright and I’ve got a great camaraderie of colleagues in the Army.”

Pies’ son will live in Montana with Pies’ mother-in-law next year when he attends college. Pies is thankful that his children are doing well despite the loss of their mother and Pies himself is grateful for the rich life experiences he has had.

He plans to stay in the Army for many more years. He is up for promotion to Lt. Colonel and may be given another assignment this summer. “I couldn’t be in a better place,” he said. “I try to give back to the Army more than they give to me. My goal is to minister to Soldiers and be a good sounding board.”

Pies says he tell Soldiers that coming to see him with a problem is cheap, but not free. “If you’re doing something really dumb and you expect me to sanction that, you’re going to be wrong. I’m not like a grandfather and here’s an ice cream cone. It’s like being a parent because a lot of our Soldiers are kids. They have to know if they do something wrong, they have to put it right. It’s

not about getting off the hook.”

Pies also touched on the subject of suicides in the Army.

“It’s a real issue right now,” he said. “I don’t know if it’s an overwhelming problem, but it is an issue. Even one [suicide] is way too many.”

Pies said that in the last three years or so, the Army has really turned its attention to the problem with media and presentations not only to troops but to family members as well.

“They’re tackling it in many different ways,” he said. “We’re containing it, but we have to get a lot more successful at it.”

Pies said in his experience, there is no one particular cause of suicide in the Army. “As I go through it, there’s a number of different factors.”

He added, “I do think that the wars are taking a lot out of us with multiple deployments. It’s really testing the resilience of the families and that could be a cause. Traumatic brain injury can be a cause. Losing a buddy can be a cause. But there’s also alcohol abuse and other factors. It’s hard to pin it down. Sometimes they leave a note, sometimes they don’t.”

Pies said that it’s a problem across the Army. It’s not confined to Soldiers who have had multiple deployments. Some of the suicides occur among troops who have never been deployed.

“You would think that those who have been on four or five deployments would be more susceptible, but in fact, it appears that is not the case. It may be they have the experience to deal with it since they have been through several deployments,” he said.

Pies told of Maj. Gen. Mark Graham who was garrison commander

of Ft. Carson. The general lost one son to suicide and his other son was killed in an improvised explosive device attack in Iraq.

“He and his wife Carol have become the main spokespeople about it. They’ve been on videos. They’ve been on the interactive sites. They’ve spoken to chaplains about prevention.”

Pies also said the Army has the ‘ACE’ card which stands for Ask, Care and Escort. Ask someone if they are in trouble and if they need help. Care about their problem. Escort them to a chaplain or a medical professional who can assist them. Every Soldier carries an ACE card.

In the last year Pies has given three different briefings to mass audiences all the way down to platoon level.

“I haven’t seen the most recent suicide statistics, but it seems like it’s an ongoing thing,” he said. “It hasn’t gotten worse, but it hasn’t gotten better. But you know, it’s not just the military, it’s happening in the civilian world too.”

He added, “Anyone can be prone to the thought of ‘Gee, what’s the use?’ Three chaplains have committed suicide in the last three years. You would think the guys who have the message would be immune.”

Pies thinks the most important thing someone who is considering suicide can do is to reach out and get help from friends and colleagues.

“As I said, I had to join a grief support group. I was pretty miserable. I had my wife for 26 years,” he said. “She was a breast cancer survivor and I still have a pink camera she used. It’s very meaningful to me. Everybody goes through things and that’s just part of life. It’s important to remember you’re not alone.”



# If it isn't moving, it shouldn't be running

Vehicle engines left idling waste fuel and money and could create a safety hazard. If vehicles are not being driven, engines should be shut off.



Photo by Dan Adler

The hulk of the concrete vessel *Chromite* protects the Carlos dock from high waves in the lagoon.

# How that concrete ship got to Carlos

By Gene Sims

Kwajalein historian

*Gene Sims is a former unofficial historian of Kwajalein Atoll and the author of Kwajalein Remembered, a collection of his reminiscences of life on Kwajalein and contributor to the Hourglass. Sims was stationed at Kwajalein in 1944 with the Navy and returned as a civilian contractor in 1964-71 and in 1983-86. The original date of this article is unknown.*

Concrete and/or cement barges have been around for a long time.

My father used to tell me about the many ships made of concrete in World War I operating between England and France. Makes sense, I guess, when you consider the shortage of steel in wartime. Also, the production time of a concrete vessel was approximately 45 days, a lot faster than the same size hull made of steel. Most of these ships and barges in World War II were built along the Mississippi River near Baton Rouge, La. or at Pascagoula, Miss.

I would like to add some more to my father's story based on my personal experience with the *Chromite*. The U.S. Navy placed at least three of these barges at Bikini for the two Crossroads tests in 1946. I don't remember how well they survived the two atomic explosions. Suffice to say, the *Chromite* must have made it okay. She was towed to Kwajalein along with several other vessels like the *Prinz Eugen* after the tests were completed. The idea was to study any possible radioactive conditions on the ships in the more hospitable Kwajalein Lagoon. Apparently the *Chromite* was

deemed to be safe and was later towed to Majuro for some unknown U.S. Navy project.

During the buildup of Kwajalein in the early 1960s one of the big problems at Carlos was the inability to get sea craft up alongside the newly constructed dock, Facility #1612. It was always a gamble whether a small boat could get alongside the dock because of the almost constant high waves that rolled in across the lagoon. The whole arrangement was dangerous and after a couple of bad accidents, the Navy decided something had to be done. Making it worse, there were no helicopters in those days.

It was Navy Captain Paul Holmberg who came up with the idea to build a breakwater and protect the dock area. The Navy was hard-pressed for money and all the heavy rock available was being diverted from the quarry on South Loi to the Kwajalein Lagoon shoreline expansion for the mission buildings and the new power plant.

Then Holemberg came up with the idea of using the old concrete hulk of the *Chromite* that was sitting in Majuro Lagoon. The *Chromite* was towed to Carlos and beached in front of the existing pier. The rest is history and the old barge has served the island well for many years.

As a foot note to this story I would add that Holmberg received the Navy Commendation Medal in October of 1963 for a number of significant things he did while Commander of Kwajalein, but in the commendation was a small notation about his being responsible for converting a 300-foot abandoned, motorless, concrete ship into a breakwater at great cost saving to the U.S. Navy and adding to the safety of station personnel.

# Blind Soldier becomes company commander

By Tommy Gilligan  
American Forces Press Service

Soldier, infantryman, Airborne Ranger, combat diver, mountain climber, skier, tri-athlete, surfer, husband and father are just a few words to describe Army Capt. Scott M. Smiley.

On Tuesday, the title of company commander was added to Smiley's distinctive resume, as he became the first blind officer to lead a company as he assumed command of the Warrior Transition Unit at the U.S. Military Academy here.

Smiley was wounded and permanently lost his vision during his 2005 deployment to Iraq. He attributes his strength and drive during his recovery to his family, faith and friends.

"It was my wife, my family and friends who were in my hospital room singing songs and reading the Bible that gave me the strength during my recovery," said Smiley, a member of the USMA Class of 2003.

"It was all of this which allowed me to put one foot in front of the other," he continued, "and has allowed me to accomplish everything that I have done to get to where I am today."

Over the past six months, Smiley had been an instructor with the academy's Behavioral Sciences and Leadership department, teaching a leadership course to third-year cadets.

Smiley's "endurable spirit and character are traits that the cadets can just relate to," said West Point instructor Lt. Col. Eric Kail. "He has overcome so much, through his attitude and desire to excel in life. Scott is a great teacher."

After receiving medical attention following his tour in Iraq, Smiley was transferred to the Ft. Lewis, Wash., Warrior Transition Unit, where he began his recovery and journey to return to active status.

"There were some very long dark days, physically and mentally, but I just had to keep pushing on," Smiley said.

Smiley said he'd looked at what had happened to him in Iraq and made the decision that he was not going down the same path as the character Gary Sinise played in the

1994 movie *Forrest Gump*. Sinise's character of Army Lt. Dan had been grievously wounded in Vietnam and was initially portrayed as bitter and self-destructive.

"The decisions that Lt. Dan made after his injuries never came into my mind. I wanted to take care of myself -- physically, mentally and spiritually," Smiley said. "I just did not want to give up because of something that negatively happened to me."

Smiley transitioned back to active duty, working at the U.S. Army Accessions Command at Ft. Monroe, Va. After being there for some time, Smiley's commander told him he had been selected to go to graduate school.

"I thought he was kidding me. I was absolutely shocked," Smiley recalled. "Then, they are going to let me go teach -- that was awesome."

Smiley attended Duke University where he received his Masters of Business Administration. While there, he cultivated a friendship during the summer of 2007 with legendary Duke University basketball coach Mike Krzyzewski, a 1969 graduate of the Military Academy.

This was just before the men's basketball world championships and Olympics, Smiley recalled, noting his brigade commander had approached him and asked if he'd like to speak to the premier U.S. men's basketball squad.

"Why would the national basketball team want me to talk to them?" Smiley said he wondered to himself at the time.

"The first time I met him, he spoke to the Olympic team in Las Vegas. We were trying to teach the team about selfless service," Krzyzewski said. "They not only heard what Scott had to say, but they truly felt what he had to say."

"When I think of Scotty, I think of ultimate service, especially selfless service," Krzyzewski added.

After completing his master's degree, Smiley returned to start a new chapter of his life at West Point, where his military career began in the summer of 1999.

Smiley's former commander at Accessions Command and present U.S. Army Chief of Engineers and commanding general of the U.S.



**Army Capt. Scott M. Smiley salutes 1st Sgt. Deon E. Dabrio after returning the guidon during the U.S. Army Warrior Transition Unit change of command ceremony at the U.S. Military Academy, West Point, N.Y., Feb. 1. Smiley is the first blind officer and second wounded warrior to hold a position of command.** U.S. Army photo by Tommy Gilligan

Army Corps of Engineers, Lt. Gen. Robert Van Antwerp, shared his thoughts on the occasion

"Scott brings a whole new dimension to soldiering and leadership," said Van Antwerp, a 1972 graduate of the Military Academy. "When you are around him, you can't help but want to do your best."

About Smiley being the second Wounded Warrior to hold a command position, Van Antwerp said, "Scotty will be a great commander. He will lead from the front like he has always done. I am proud of him and proud of our Army for giving him this opportunity."

Krzyzewski seconded Van Antwerp's pride and confidence in Smiley. "He may not have the eyes to see, but he sees more things than most leaders could ever see," he said of Smiley's leadership abilities.

At West Point, Smiley now takes command of a company that he personally understands.

"I know what they are going through. I understand the dynamics of the company, how it works and areas of concern that need to be improved," Smiley said.

With only half of his command based on West Point's grounds, Smiley will travel from the rocky shorelines of Maine to the rolling hills of Pennsylvania to ensure his troops are being taken care of and doing what they need to do to recover.

"It is now my responsibility to inspire them and to continue to help them get the job done," Smiley said.

# Panel appointed to end ‘Don’t Ask, Don’t Tell’

By John J. Kruzal  
American Forces Press Service

The Defense Secretary, Robert M. Gates, established a Defense Department panel Tuesday to prepare the military for the potential elimination of the “Don’t Ask, Don’t Tell” policy that bans openly gay people from serving in the armed forces.

The working group is tasked to assess the relevant issues within a year in an effort to prime the department to adapt to any changes Congress makes to the 17-year-old law underpinning the very controversial personnel policy — a legislative move supported by Gates, President Barack Obama and the nation’s top military officer.

“I fully support the president’s decision,” Gates told the Senate Armed Services Committee today. “The question before us is not whether the military prepares to make this change, but how we best prepare for it.”

Noting the political climate in which the policy debate is playing out, Gates said a guiding principle of the department’s effort will be to minimize disruption and polarization within a military engaged in two wars.

The working group, to be headed by Jeh Johnson, the Pentagon’s top lawyer, and Army Gen. Carter Ham, the commander of U.S. Army Europe, will immediately begin reviewing the issues associated with implementing a repeal to “Don’t Ask, Don’t Tell.”

“The mandate of this working group is to thoroughly, objectively and methodically examine all aspects of this question, and produce its finding and recommendations in the form of an implementation plan by the end of this calendar year,” Gates told lawmakers.

Appearing alongside Gates was



Defense Secretary Robert M. Gates, center, responds to questions during testimony with Under Secretary of Defense Comptroller Robert Hale and Navy Adm. Mike Mullen, chairman of the Joint Chiefs of Staff, before the Senate Armed Services Committee in Washington, D.C., Feb. 2. DoD photo

Navy Adm. Mike Mullen, chairman of the Joint Chiefs of Staff, who echoed the secretary’s endorsement of repealing the policy.

“Speaking for myself and myself only, it is my personal belief that allowing gays and lesbians to serve openly would be the right thing to do,” Mullen said. “No matter how I look at this issue, I cannot escape being troubled by the fact that we have in place a policy which forces young men and women to lie about who they are in order to defend their fellow citizens.”

The chairman said “Don’t Ask, Don’t Tell” is an issue that strikes at the integrity of the U.S. armed forces as an institution and that of individual servicemembers, who Mullen believes would accommodate a change to the policy, praising troops’ adaptability. But he also acknowledged the likelihood that repealing the law would lead to a disruption in the forces.

“We would all like to have a better handle on these types of concerns, and this is what our review will offer,” Mullen told the Congressional panel.

The hearing on “Don’t Ask, Don’t Tell” comes after Obama announced in his State of the Union address last week his desire to end the policy.

“This year, I will work with Congress and our military to finally repeal the law that denies gay Americans the right to serve the country they love because of who they are,” Obama said. “It’s the right thing to do.”

As the group undertakes the year-long review and assessment, Gates said the department also will take measures to implement the current “Don’t Ask, Don’t Tell” policy more fairly.

“The Department of Defense understands that this is a very difficult, and in the minds of some, controversial policy question,” Gates told lawmakers. “I am determined that we in the department carry out this process professionally, thoroughly, dispassionately, and in a manner that is responsive to the direction of the president and to the needs of the Congress as you debate and consider this matter.”

# Seven servicemembers die in Iraq, Afghanistan

**Sgt. Carlos E. Gill**, 25, of Fayetteville, N.C., died Jan. 26 at Walter Reed Army Medical Center of an illness. He was evacuated from Kandahar Air Field, Afghanistan, Dec. 19, 2009, where he was supporting combat operations. Gill was assigned to the 2nd Battalion, 1st Infantry Regiment, 5th Stryker Brigade Combat Team, 2nd Infantry Division, Fort Lewis, Wash.

**Sgt. David J. Smith**, 25, of Frederick, Md., died Jan. 26 from wounds received Jan. 23 while supporting combat operations in Helmand Province, Afghanistan. He was assigned to 4th Light Armored Reconnaissance Battalion, 4th Marine Division, Marine Forces Reserve, based out of

Camp Pendleton, Calif.

**Pfc. Scott G. Barnett**, 24, of Concord, Calif., died Jan. 28 in Tallil, Iraq, of injuries sustained while supporting combat operations. He was assigned to the 412th Aviation Support Battalion, 12th Combat Aviation Brigade, Katterbach, Germany.

**Staff Sgt. Rusty H. Christian**, 24, of Greenville, Tenn., died Jan. 28 in Oruzgan province, Afghanistan, of wounds suffered when enemy forces attacked his unit with an improvised explosive device. He was assigned to the 2nd Battalion, 1st Special Forces Group, Joint Base Lewis-McChord, Wash.

Two Soldiers died Jan. 29 in Wardak province, Afghanistan, of injuries sustained while sup-

porting combat operations. Killed were: **Capt. David J. Thompson**, 39, of Hooker, Okla., who was assigned to the 3rd Battalion 3rd Special Forces Group, Fort Bragg, N.C. and **Spc. Marc P. Decoteau**, 19, of Waterville Valley, N.H., who was assigned to the 6th Psychological Operations Battalion (Airborne), 4th Psychological Operations Group (Airborne), Fort Bragg, N.C.

**Lance Cpl. Michael L. Freeman Jr.**, 21, of Fayetteville, Pa., died Feb. 1 while supporting combat operations in Helmand province, Afghanistan. He was assigned to 2nd Battalion, 2nd Marine Regiment, 2nd Marine Division, II Marine Expeditionary Force, Camp Lejeune, N.C.

*Softball  
Season*



2010

## Tuesday, Jan. 26

### WOMEN'S LEAGUE

Good Times vs. Spartans II Girls: 26-1

### MEN'S 'A' LEAGUE

Sunrise vs. Criminals: 6-5

Podunkers vs. Guppies: 20-3

### MEN'S 'B' LEAGUE

Wx Rats win, Monkubok forfeits

## Friday, Jan. 29

### WOMEN'S LEAGUE

Good Times vs. Thumbs Up: 14-2

### MEN'S 'B' LEAGUE

Spartans II Boys vs. Wx Rats: 6-3

USAKA vs. Monkubuk: 17-9

## Wednesday, Jan. 27

### WOMEN'S LEAGUE

Spartans I Girls vs. Thumbs Up: 7-1

### MEN'S 'B' LEAGUE

Spartans I Boys vs. Spartans II Boys: 20-0

USAKA vs. Rf Hazards: 14-7

## Thursday, Jan. 28

### WOMEN'S LEAGUE

Spartans I Girls vs. Spartans II Girls: 21-2

### MEN'S 'A' LEAGUE

Sunrise vs. Podunkers: 11-8

Guppies vs. Criminals: 14-3

### MEN'S 'B' LEAGUE

Lallop vs. JDs: 13-3

### **Team Standings** (as of Jan. 29)

<u>WOMEN'S LEAGUE</u>		<u>MEN'S 'A' LEAGUE</u>	
Good Times:	2-0	Sunrise:	2-0
Spartans I Girls:	2-0	Podunkers:	1-1
Thumbs Up:	0-2	Guppies:	1-1
Spartans II Girls:	0-2	Criminals:	0-2

### **Team Standings** (as of Jan. 29)

<u>MEN'S 'B' LEAGUE</u>			
USAKA:	2-0	Spartans I Boys:	1-0
Wx Rats:	1-1	JDs:	0-1
Spartans II Boys:	1-1	Rf Hazards:	0-1
Lallop:	1-0	Monkubok:	0-2

## HELP WANTED

**KRS and CMSI Job Listings for On-Island Positions will be available at the Kwajalein, Roi-Namur and Ebeye Dock Security Check Point bulletin boards, the bulletin board by the Continental Travel Office, the Roi-Namur Terminal/Post Office bulletin board and at Human Resources in Building 700. Job Listings for Contract Positions will be available at [www.krsjv.com](http://www.krsjv.com), on the bulletin board by the Continental Travel Office and on the Roi-Namur/Post Office bulletin board. Full job descriptions and requirements for Contract openings are located online at [www.krsjv.com](http://www.krsjv.com).**

NEED EXTRA MONEY? KRS employment applications are continually accepted for Casual Positions in the Community Services Departments, Medical Department and the HR Temp Pool. Some of the Casual positions are: Recreation Aides, Medical Office, Media Services Specialist, Substitute Teacher, and HR Temp Pool Office Support. Questions? Call 54916.

## USAKA

## WANTED

ADULT TRIKE AND/OR motorized wheel, to borrow, rent, buy or trade for the next two months. I have a hip injury and have to use crutches to get around. My Sun 26 inch women's bike would be available for exchange. Call Sheila at 52525.

## Religious Services

### Catholic

5:30 p.m., Saturday, in Island Memorial chapel.

9:15 a.m., Sunday, in Island Memorial Chapel.

4:45 p.m., Monday & Friday, in Island Memorial Chapel.

7 a.m., Tuesday & Thursday, in Island Memorial Chapel.

11:40 a.m., Wednesday, in Island Memorial Chapel.

Reconciliation half hour before all masses or by appointment with Fr. Poole at 5-3579/5-3767.

### Protestant

#### Sunday

8 and 10:45 a.m., on Kwaj and Roi-Namur service at 4 p.m.

### Baptist

9:40 a.m., Sunday, in elementary school music room.

### Latter-day Saints

10 a.m., Sunday, in

Corlett Recreation Center, Room 3.

### Jewish services

Last Friday of the month in the Religious Education Building. Times will vary. Contact the Chaplain's office, 53505, for more information.

HOUSE-SITTING for visiting grandparents Feb. 16-23. Also want bike to rent or use during that time. Call 53221.

## LOST

BROWN LENS SUNGLASSES lost in the chapel. Please call 55653 to return them.

DIVE MASK, clear frame with blue trim near Small Boat Marina Dec. 10. Call 57073 or 50821.

INFLATABLE DIVER down float, red, and yellow reel at lost ski wreck. Call 53290.

DIVE COMPUTER in the vicinity of Carlos. Nice reward if found. Call 53290.

APPLE AIRPORT WIRELESS router, lost on Jan. 18 around 11 a.m. It looks like a white shaped mushroom with the Apple logo on it. Contact [brianne.wagner@gmail.com](mailto:brianne.wagner@gmail.com). Reward if found.

WATCH BRACELET lost around Jan. 10. Gold plated with different color stone flowers. Not much money value but it does have a lot of sentimental value. If you have found this watch will you please be so kind and return to Maria Elena Curtiss or call 53925/58228.

## FOUND

BOY'S BIKE with 20-inch rims, in water oceanside by family pool. Call David, 51668.

## FOR SALE

WHIRLPOOL DISHWASHER, works great, with fittings, free. Call Barb at 52262.

TOSHIBA L505 LAPTOP, new, perfect condition, 2.1GHz Intel Pentium T4300 dual

core processor, 4GB memory, 500GB, DVDRW, 15.6 inch high-def display, upgraded to Windows 7 Professional 64-bit, \$588. Call Brian Bussey at 51081.

ARTIFICIAL CHRISTMAS tree, 7.5 feet tall, pre-lit, used once, \$25; VSmile TV Learning System, includes two joystick consoles, one writing pad/pen and six game cartridges, \$40 for all; Leapfrog Alphabet Pal caterpillar, \$8; Sesame Street crib light projector with remote, \$10; Playskool electronic Batter Up baseball diamond, \$8; Girls pink crocs, size 10/11, \$8; two Indian Girl costumes, child size medium, one used once, \$9, one brand new, \$15; Indian Boy costume, size 2-4 toddler, \$15 and Dunlap graphite racquetball racquet with cover, needs new grip, \$10. Call 51596 from 9 a.m.-8 p.m. only.

GIRLS CLOTHES, size 14-16, \$1; boys clothes, size 8-10, \$1; kids shoes, \$1; mens and womens clothes, \$2; kids Wii games, \$10; board games, \$2 and men's electric razor, \$5. Call 50165 or stop by dome 165.

QUEEN SIZE MATTRESS and box spring with mattress cover and sheets, \$350. Call 52515.

INK CARTRIDGES for Lexmark printer, seven color, #12A1980, seven black, #12A1970, \$5 each. Call 51061 after 5 p.m.

FLAT SCREEN TV, 19 inch, only two-months-old, \$125. Call Deb at 54185.

GOLDSTAR COMPACT refrigerator with small freezer compartment, white, 1.5x1.5x1.6 feet, 1.62 cubic feet, excellent working condition, \$40. Call Steve at 52823.

## Marriage Enrichment Seminar

4-9 p.m., Feb. 22, in the REB



Is your marriage sizzling or fizzling? If it's hot, share some good ideas with others and brag about your spouse. If it's not, listen to a few tips from couples who are enjoying the best years of their lives. One lucky couple will win a Dinner on the Beach for Two! Call Community Activities, 53331, for reservations. Cost is \$10 per couple; space is limited. Dinner is provided. Sponsored by Community Services.

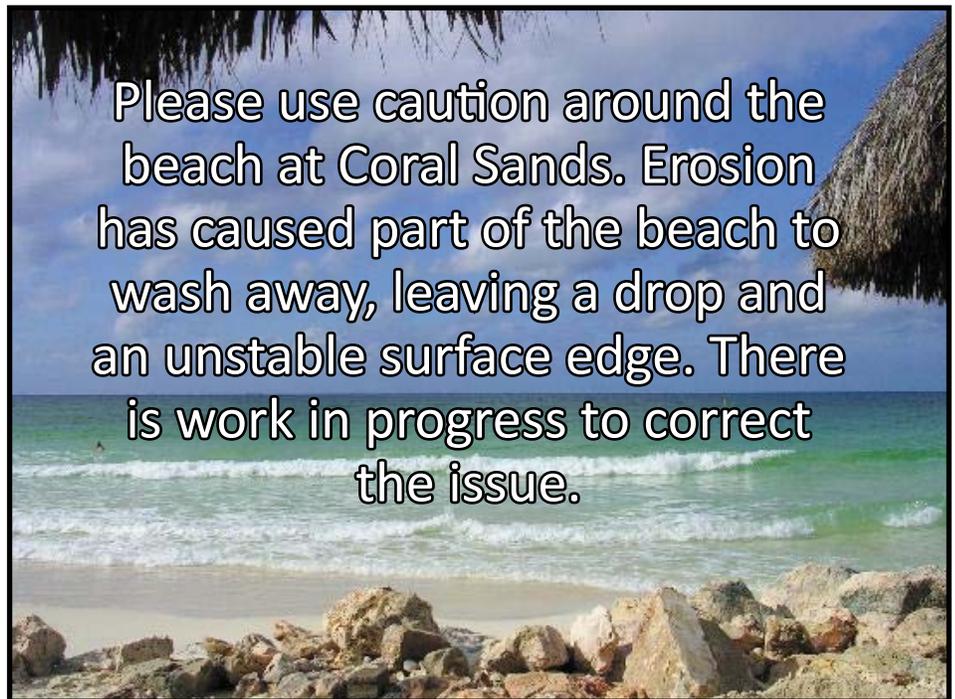
# LOL

## Show times:

7 p.m., Feb. 6, in the MP Room

7 p.m., Feb. 7, in the MP Room

3 p.m., Feb. 8, in the MP Room



22-FOOT BOSTON WHALER, two 2006 Yamaha 60HP low hours, fuel injected, low fuel consumption. Boat is clean, well maintained, very low maintenance, large bimini top, 58 gallons fuel capacity, huge fish box, outrigger, fully operational, see at boat lot 312. Excellent all-around boat, \$19,990. Call Steve at 52823.

SOFA, six feet long, blue plaid pattern, two cushions, fits three people, \$95. Call Denice at 52479.

PORTABLE COUNTERTOP dishwasher (EdgeStar DWP45ES), digital controls, stainless steel interior, perfect for small family, like new condition, less than 4 months old, \$175. Call 55100.

27-INCH SONY TRINITRON color TV \$250; 52-inch Sony color projection TV \$400; Panasonic five-disk changer DVD/CD player, \$50 and speaker stands, \$20. Call 54784.

### COMMUNITY NOTICES

ATTENTION ALL LADIES! The Christian Women's Fellowship monthly luncheon will be at noon, Feb. 7, in the REB. All ladies of all denominations are cordially invited to attend with no obligations. No need to bring anything, just come and enjoy a delicious lunch, music, fun and fellowship. Share in a Valentine "love moment," specially written for every woman, no matter her status. We will also be revealing Secret Sisters for those who have been participating in this last Secret Sister Session. If you need further information, please call Mindy at 54252, Kathy Ann at 52201, or Tina at 52034.

KWAJALEIN SWIM TEAM'S first swim meet of the season is at 4 p.m., Feb. 7, at the Family Pool. Go Makos! Go Barracudas!

COME DOWN TO THE AAFES Food Court Feb. 8 for a Superbowl party. Pre-

game coverage begins at 8 a.m. and the game starts at 11 a.m. We will have two big-screen TV's, food specials and prizes, including a Sony Personal DVD player. Come on down and make some noise for the biggest sporting event of the year...so far!

KPD WILL BE conducting a pistol range from 8 a.m.-4 p.m., on Feb. 9. Please observe the red flag hazard area. For questions, call KPD Training at 54595.

THE OPTOMETRIST will be here to see patients from Jan. 31-Feb. 11. Please call the Hospital at 52223 or 52224 to schedule an appointment.

KALEIDOSCOPE OF MUSIC will be held on March 7. It is an evening showcasing the musical talent of Kwajalein, hosted by the Yokwe Yuk Women's Club. Proceeds enable the YYWC to provide scholarships for graduating seniors in recognition of

## Café Pacific

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Feb. 13
Carved round top Oven fried chicken Oriental stir-fry Grill: Brunch station open	Stuffed pork chops Lemon basil chicken Huevos rancheros Grill: Brunch station open	Grilled minute steak Turkey/broccoli stir-fry Mac and cheese Grill: Pizza burger	Green chicken Lentils Liver & onions Grill: Grilled cheese	Burritos/tacos Seafood enchiladas Refried beans Grill: Mexican Fiesta	Spaghetti Whole wheat pasta Italian baked chicken Grill: Pasta Bar	Swedish meatballs Fish sandwich Turkey stir-fry Grill: Ham & Cheese
Tonight	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
Grilled shortribs Broiled fajita chicken Tex-Mex stir-fry	BBQ pork butt Chicken supreme Baked tofu	Salisbury steak Tuna casserole Pork pimento	Kwaj fried chicken Grilled Mahi Beef/broccoli stir-fry	Carved top sirloin Roast chicken Twice baked potatoes	Stir-fry to order Charisui spareribs Sesame noodles	Pot roast Chicken adobo Hot apples/cinnamon

outstanding community service. Tickets are \$15 which covers admission and the refreshments at intermission. Tickets will be sold on the AAFES porch from 10 a.m.-1 p.m., Mondays, Feb. 8-March 1. If you are interested in performing, please contact Janet Golly at 55519 or email [joyfulljo@hotmail.com](mailto:joyfulljo@hotmail.com).

OPEN RECREATION event "Valentine's Arts & Crafts" will be from 5:30-7:30 p.m., Feb. 10. Register at CYSS Central Registration Office between Feb. 2-6. Space is limited. For more information call 52158.

BI-ANNUAL INTAKE-PIPE cleaning has been rescheduled for Feb. 11-14. Both the Family Pool and the Adult Pool will be closed during this time. Questions, call Mandie at 53331.

VALENTINE'S COOKIE exchange will take place at 2 p.m., Feb. 15, in the Grace Sherwood Library. Come and find your sugar on this Hallmark holiday! Bring two dozen cookies (no creams, custards or fillings that can spoil) in a covered tray to the library to trade. Everyone is welcome, no sweetheart necessary. Sponsored by Community Activities, call 53331 for details.

SCHOOL ADVISORY COUNCIL meeting will be at 7 p.m., Feb. 17, in the Elementary School Coconut Room. The public is invited to attend. Your input is always appreciated.

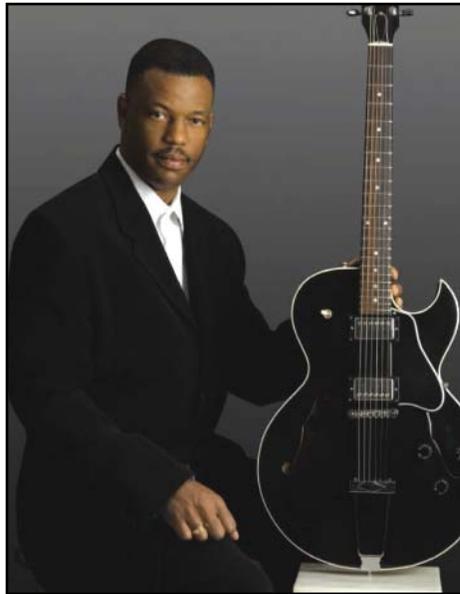
KWAJALEIN COMMUNITY BAND will be in concert at 7 p.m., Feb. 18, in the Davye Davis Multi-Purpose Room on the high school campus.

VET'S HALL APPRECIATION Party date has changed. It will now be held Feb. 21. More details to follow.

CYSS OPEN RECREATION event "Tennis" will be from 5:30-7:30 p.m., Feb. 23. Register at CYSS Central Registration Office between Feb. 11-18. Space is limited. Open Recreation Events are open to all K-6th graders with a current CYSS registration. For more information call Micah at the Central Registration office, 52158.

THE WEST STAIR well lights and the court yard lights at the Surf Bachelor Quarters are not working due to a part failure. This part is not available on island and is going to take approximately three weeks to arrive. Public Works is working on an interim fix for the problem. Exercise caution when using the stairwell after dark. If you have questions, please call Billy Abston at 54840.

## Armed Forces Entertainment Presents:



## Jeffery Smith

7 p.m., Feb. 14,  
Emon Beach

7 p.m., Feb. 15,  
Roi Scuba Shack

A songwriter and phenomenally gifted musician who can play nine different instruments, Jeffery Smith serves up smooth jazz in 31 delicious flavors.

## TOWN HALL MEETINGS



Col. Frederick S. Clarke  
USAKA Commander

- **1 p.m., Feb. 17, at Island Memorial Chapel, for the Marshallese work force.**
- **1 p.m., Feb. 19, at Tradewinds Theater, for Roi-Namur work force.**
- **6 p.m., Feb. 19, at KHS MP Room, for Kwajalein Community.**
- **10:40 a.m., Feb. 20, at KHS MP Room, for Teen Town Hall.**



### February 2010 Events

### Earn Points

#### 1. Ivey Gym Demonstration

February 17 @ 11:45am

**5**

#### 2. Wellness Seminar

"Heart Healthy Living"

February 26 @ 6:30pm

Coconut Room (Elem School)

**10**



File photo

# Happy 10th ALCOR

Feb. 3 was the tenth anniversary of the ARPA Lincoln-C band Observable Radar's (ALCOR) first successful sphere calibration and its first skin track of a satellite using the new Kwajalein Modernization and Remoting system. Congratulations ALCOR.

## Weather courtesy of RTS Weather

Sunday: Mostly sunny, 10 percent showers. Winds: NE-E at 11-16 knots.  
 Monday: Mostly sunny, 10 percent showers. Winds: NE-E at 10-16 knots.  
 Tuesday: Partly sunny, 10 percent showers. Winds: NNE-E at 13-18 knots.  
 Wednesday: Partly sunny, 20 percent showers. Winds: NNE-E at 15-20 knots.  
 Thursday: Mostly cloudy, 20 percent showers. Winds: NE-E at 16-22 knots.  
 Friday: Partly sunny, 10 percent showers. Winds: NNE-E at 16-22 knots.

Annual total: 5.30 inches  
 Annual deviation: -0.22 inches

Call 54700 for updated forecasts or visit [www.rts-wx.com](http://www.rts-wx.com).

### Sunrise/set Moonrise/set High Tide Low Tide

	Sunrise/set	Moonrise/set	High Tide	Low Tide
Sunday	7:10 a.m./6:52 p.m.	11:33 p.m./10:49 a.m.	10:13 a.m., 2.8' 10:40 p.m., 1.8'	2:59 a.m., 1.0' 5:40 p.m., 1.5'
Monday	7:10 a.m./6:52 p.m.	11:36 a.m.	12:40 a.m., 2.8'	4:34 a.m., 1.3' 8:21 p.m., 1.1'
Tuesday	7:10 a.m./6:53 p.m.	12:27 a.m./12:25 p.m.	2:08 a.m., 1.9' 2:09 p.m., 3.1'	7:20 a.m., 1.3' 9:03 p.m., 0.7'
Wednesday	7:09 a.m./6:53 p.m.	1:22 a.m./1:15 p.m.	2:57 a.m., 2.3' 2:54 p.m., 3.5'	8:27 a.m., 0.9' 9:30 p.m., 0.3'
Thursday	7:09 a.m./6:54 p.m.	2:15 a.m./2:06 p.m.	3:26 a.m., 2.7' 3:27 a.m., 3.9'	9:07 a.m., 0.5' 9:54 p.m., 0.0'
Friday	7:08 a.m./6:54 p.m.	3:08 a.m./2:58 p.m.	3:51 a.m., 3.1' 3:55 p.m., 4.2'	9:38 p.m. 0.1' 10:17 p.m., -0.3'
Feb. 13	7:08 a.m./6:54 p.m.	3:50 a.m./3:59 p.m.	4:15 a.m., 3.5' 4:22 a.m., 4.4'	10:07 p.m., -0.2' 10:45 p.m., -0.5'