

THE KWAJALEIN HOURGLASS

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U.S. Army Kwajalein Atoll, Republic of the Marshall Islands



Framed by the ALTAIR antenna structure and viewed from about 85 feet above, the Bull Gear Project crew works to replace the gear segments and backing plates. ALTAIR, the largest sensor in the KREMS complex, has been shut down since Nov. 1 for gear replacement work. It will be up and running after the bull gear repair.

(Photo by Mike Lundberg)

Team gears up for ALTAIR project

By Barbara Johnson
Feature Writer

Although it usually operates 24 hours a day, seven days a week, 365 days a year, ALTAIR, the largest radar in the KREMS complex, has been shut down for a major repair project since Nov. 1. A team has been working in high gear instead, sometimes approaching 24/7 themselves, to replace a bull gear, a critical part of the radar's antenna structure.

The new bull gear is composed of 60 gear segments set against a 20-segment backing plate. It forms a huge

circle under the antenna structure, enabling the sensor to rotate on an even horizontal (azimuth) plane.

"It's like moving a 1 million-pound, 20-story building at 10 degrees per second," said Bevan Jacobs, ALTAIR sensor leader.

ALTAIR, short for ARPA Long-range Tracking and Instrumentation Radar, was built between 1965 and '70, according to Jacobs. It's an old radar, he said. In fact, it's the second oldest on Roi, with TRADEX being the oldest.

(See ALTAIR, page 4)

No Bull Stats

Antenna dish : 150 feet in diameter

Antennaweight: Nearly 1,000,000lbs.

Tracking range: 160,900+ mi

Mission 2000: Approximately 37,000 deep space tracks, 2,600 near earth tracks, 14 reentry missions and 66 of 81 worldwide launches.

Built: 1965-70

Rotation: 10 degrees per second in azimuth and elevation using five 150hp motors.

Azimuth bull gear: 60 gear segments; each segment about 6 feet long, weighing 466 pounds.

Consumer alert: Popular Christmas presents under recall

From Staff Reports

Santa Claus may be sending some toys back to the elves for a little more work.

The Consumer Product Safety Commission has identified problems with a number of popular holiday items, including scooters, and manufacturers are promptly recalling them.

According to reports, Kent International Inc. is recall-

ing 90,000 Kickin' Mini Scooters because steering bars can pop out of the clamp. Likewise, Kash'N Gold Ltd. is recalling 7,500 Gold Racer X20 scooters because the joint in the handlebars can break. One can call Kent International at (800) 451-5368 for a replacement handlebar. Racer scooters can be returned to the place of purchase.

(See SCOOTERS, page 5)

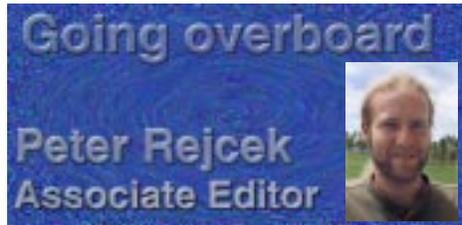
If only Christmas came every other year or so

Some of the greatest minds of our generation, including Stephen Hawking and that character Hawk from "Buck Rogers," have been puzzled by my annual Grinch-like attitude at Christmas time.

It's no mystery, really. I just think Christmas is a Communist plot to disgrace Capitalism by unhinging our collective sanity from Thanksgiving until Dec. 26, when the frenzy reaches a crescendo with mass post-holiday sales and diabolic returns of unwanted presents. I'm pretty sure there's a tie-in to the JFK Conspiracy and the plot by the Knights Templar, now disguised as Florida Supreme Court judges, to take over the world. And no where in the entire pantheon of Christmas characters do we find a gecko. Not one.

Seriously, though, I believe my deep-rooted resentment against the holidays began in childhood. I call it the noeledipal complex.

During those precious years when Santa Claus, the Easter Rabbit and Wonder Woman with her golden lasso dominate a young man's make-believe world, I grew up in a one-parent household. My biological father, an alleged mafioso, mysteriously drowned in a vat of olive oil while on



"family business" in Sicily.

Anyway, I was naturally starved for a father figure. What better role model than St. Nick, right? He's generous and upbeat, loves children and is apparently loaded with cash, given his posh digs at the North Pole.

Wrong.

Being a misguided youth, I naturally adopted all of his bad habits. I became rather obese, which resulted in daily pummelings in the school yard. Next, I too started smoking a pipe. Dr. Stephen Jay Gould himself confirmed those early puffs contributed to my less-than-average height.

Finally, I hit rock bottom, hanging out with freaks who pierced their bellybuttons with jingle bells and frequented workshops dirty with sawdust and reindeer droppings.

By some miracle, I was able to pull out of this personal nosedive by age 13. I discovered girls. But the damage was already done.

It's the same every year. I'm always disappointed when the Grinch has a

change of heart in the end of Dr. Seuss' classic holiday cartoon and returns all of the presents to Whoville. (I'm hoping Jim Carrey's new movie will set the record straight.) I cheer when Frosty the Snowman melts and jeer at Rudolph for his red nose.

But I guess my biggest problem with the holiday — besides the obvious commercialism and horrid fashion faux pas that occur with the color red — is that I really just don't understand it in a 21st century context.

I mean when else but Christmas would parents allow an eccentric old man to come into their home and offer their children gifts? Or worse yet, sit on his lap and take a picture? In this day and age, that kind of behavior gets you 30 years to life.

And what's going on with Rudolph and his red nose? I suspect he's a victim of nuclear fallout from Chernobyl. That would also explain the stunted stature of the elves and the resurrection of Frosty the Snowman. I believe Greenpeace will blockade the Macy's Day Parade this year in protest.

Finally, with the explosion of holidays, shouldn't we scale back on Christmas and feature one winter holiday per year? Just a thought as I prepare to celebrate Retro Space Hero week. Live long and prosper.

The Kwajalein Hourglass

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Buckminster and Friends — By Sabrina Mumma



Community/Adult Education seeks input, participation

By Peter Rejcek
Associate Editor

What do computers, food and sailboats all have in common? Is that your final answer?

The million-dollar solution is that all three are among the subjects residents would like to see offered by the Community/Adult Education department, according to a recent survey.

"The computer classes continue to be the most popular," said Rory Vance, Community/Adult Education coordinator.

More than 30 responses from Kwajalein and Roi-Namur residents have been received so far, with still more coming in, according to Vance. She said the No. 1 issue raised by the surveys is that many people confuse the Community/Adult Education program with the University of Maryland. The two are completely separate, as the Community/Adult Education department comes under the Kwajalein School System. It does not offer a degree program.

"We depend on the community for everything — our instructors, our ideas," Vance said.

Consequently, community involvement can make or break a semester for Adult/Community Education.

"Sometimes, we have to cancel classes for lack of involvement," Vance said. "I have to go out and beat the pavement for instructors."

There are five semesters throughout the calendar year. A typical curriculum includes parenting, computer and language classes. There are also classes for children, such as babysitting and tumbling, and more exotic offerings like massage for couples. The Winter A

2000 semester, which ends Dec. 23, even included a Christmas candy-making class.

Vance noted that while many survey respondents want more classes, there is a dearth of human resources. And while some classes are periodically offered on Roi-Namur, Vance said she needs Roi instructors for the program to be useful there.

"We need new blood and new ideas," she said. "We've had some good ideas, we just don't have the manpower."

One new addition, premiering in the Winter B 2001 semester, is a seminar series focusing on women's issues. In the first installment of this free, one-day class, participants will discuss the topic of menopause treatment. Another innovation will be classes focusing on workforce training, according to Vance.

Besides computer classes, other popular curriculum topics include food and finance classes. In fact, next semester, which begins Jan. 9, includes an advanced estate planning seminar from Kent Duncan.

Marshallese language classes are also popular, Vance said, and instructor Helbert Alfred is putting together an advanced class. No date has been set for that class.

Besides offering classes throughout the year, Adult/Community Education proctors exams for students enrolled in distance education courses. New office hours since June — Tuesday to Saturday, 5-8 p.m., and Monday, 10 a.m.-3 p.m. — are designed to make the program accessible to all residents.

"The hours are not just for housewives," Vance said.

For more information or to become an instructor, call 51078.

Letters to the Editor

Ebeye athletes say 'kommol tata'

Dear Editor,

On behalf of our Ebeye community and the young boys and girls and the junior basketball players, I would like to take this opportunity to thank the Kwaj community sport and recreation supervisors for the wonderful games — especially Miss Amber Morse and our sponsors, mostly Mary Harris, for her kindness and hospitality.

The time that we had our last gathering together, the kids were really happy. They felt like they had reached something they've been waiting to get for many years. It was like a victory for every kid on board the LCU, because they split up in four groups, singing song after song on our way back to Ebeye until we landed at the main dock on Ebeye.

We hope our local government will [hold an event] like the one we experienced. We will be very happy to have Kwaj community adults and kids coming over from Kwaj to play with us on Ebeye.

Komol tata,
Rogan Kibin

Want to voice an opinion?

If you have a communitywide issue to raise and no other outlet, perhaps you should write a letter to the editor. Keep your verbiage to less than 300 words, and keep your comments to the issues. This would be a no-libel zone. Letters must be signed. We will edit for AP Style and, if you exceed the word limit, space. Please limit yourself to one letter every 30 days, to give other readers a chance to write.

Send your letter to:

The Hourglass, P.O. Box 23, Local; or
jbennett@kls.usaka.smdc.army.mil

Up in the air

New flight schedule released

The Aviation Department released a new flight schedule in today's edition of the *Hourglass*.

The only change is in the flight numbers. For example, Flight 1A is now just Flight 1. Flight times for all services remain the same.

Aloha adds one holiday flight

Aloha Airlines is offering one additional flight to Majuro and Honolulu the week before Christmas to ease holiday travel, rather than the three flights reported last week.

Aloha will arrive on Tuesday, Dec. 19, at 7:04 p.m. and depart on Wednesday, Dec. 20, at 9:30 a.m. This is the only flight being offered by Aloha Airlines at this time. Aloha normally offers one flight per week.

For commercial airline reservations and ticketing, contact Kwaj Travel at 51013.

ALTAIR renovation work set for January completion ...

(From page 1)

Because of the radar's age, rust had formed under the bull gear's backing plates, Mike Lundberg, antenna section leader, explained. This caused the gears to lift slightly out of alignment, reducing contact with the smaller pinion gears that mesh with them.

"In time, one of the teeth could break, and we could be down for six months to a year," Lundberg said. "It becomes a question not if, but when it's going to fail."

The new gear segments also have new backing plates, which are thinner, leaner and lighter. They're stainless steel, so they won't rust, and encased in concrete for thermal stability and to eliminate water penetration, Lundberg said.

Planning for the bull gear project, which is engineered by Raytheon Engineering out of Sudbury, Mass., began about two years ago, with preliminary work starting about a year and a half ago.

For a project like this, logistics is critical. Materials started arriving in July, and more than 400 items, making up some 300,000 pounds of equipment, hardware and tools, had to be shipped to Roi, coordinated by Raytheon Logistics.

"Logistics did a fantastic job of getting everything out here," Lundberg said. "It was just amazing. Additionally, we had great support from FOM and IRE personnel helping with the installation. We're right on schedule. The team has worked as one."

The team is proud of its safety record, as well.

"We've had 4,000 man-hours so far with no reportable incidents," said Wendell Chancey, senior engineer.

Lundberg added that initial and daily safety briefings have helped accomplish that record.

Crews worked two shifts for the first three weeks, with 28 to 31 people working an average of 10 hours a day or more for the duration.

Originally built for reentry missions and to mimic and characterize Soviet radars at the time, ALTAIR was equipped for two-frequency operation, UHF and VHF. It is the most



(Photo by Barbara Johnson)

Seen from a platform on the antenna structure, members of the ALTAIR bull gear replacement crew install the new gear assembly. The team has worked hard since Nov. 1 to replace the circular gear that rotates the sensor on an even horizontal plane.

sensitive of the KREMS sensors and has the biggest beam, making it typically the first of the KREMS radars to see all of the RVs and other objects in a target complex. For post-mission kill assessment, the large beam allows ALTAIR to collect and display data on both targets and kill vehicles at the same time.

To illustrate its sensitivity, Jacobs said that if ALTAIR were in Los Angeles, it could track a volley-ball-size metal sphere in New York.

In the early 1980s, ALTAIR was modified for use as a space surveillance radar, tracking satellites and new foreign launches. Tasked by U.S. Space Command at Cheyenne Mountain, in Colorado Springs, ALTAIR supplies 128 hours a week of space and new foreign launch tracking. "We track a different satellite about every 10 minutes during normal operations," Jacobs said. ALTAIR is also mission ready 168 hours a week, or in other words, at all times, if needed to track missile launches, satellite passes or threats to manned space objects, such as to the International Space Station.

Because of its size, capabilities and location near the equator, it's unique

in the world for NFL tracking.

"One of our most critical activities is the New Foreign Launch mission," Jacobs said. The ALTAIR team is proud of their NFL success.

"For the first time, we have a 100 percent NFL success rate two years back-to-back. We have had incredible system readiness for equipment of this complexity," Jacobs said. "We were mission ready more than 99 percent of the time during the last six months."

ALTAIR also tracks about 75 percent of the Russian launches and about 70 percent of Chinese launches.

"Of 81 worldwide launches last year, we covered 66 of them," Jacobs said.

TRADEX has been doing an admirable job at taking over tracking work for ALTAIR while it's down, thus meeting the Range's commitment to U.S. Space Command," Jacobs said.

Two more projects are slated to begin after the first of the year. The next one will be a replacement for the 30-plus-year-old ALTAIR VHF feed. Later in the year, work will begin on the KMR Modernization and Remoting project.

ALTAIR is due to be online Jan. 1.

AP fans plan for band's Dec. 16 return

Second concert set for Sunday at Emon

By Jim Bennett
Editor

One of Kwajalein's favorite bands is coming back to the island.

Animal Planet, which received a wildly enthusiastic reception at three performances last January, returns to the island for two concerts. The group will play at Gilligan's, Saturday, from 8-11 p.m. A beach bash including food and drinks from Sodexo Marriott will follow on Sunday, beginning at 2 p.m.

"The community was instrumental in bringing them back," said Steve Snider, superintendent Entertainment Services. "They are coming back because of the response to the last performance."

Snider further suggested folks arrive to the beach bash early for a special surprise at 4:30 p.m.

The band has gone places in the past 11 months.

Besides wrapping up their Pacific tour in Guam, Japan, South Korea, Singapore and Diego Garcia, the group produced their third CD, *Toast*, and played at military installations in Alaska and Greenland in October and November.

"We've got a bunch of new stuff for you guys on this tour, not only from



(File photo)

Animal Planet's Nikki Hicks, Michael Lee Jackson and Rodney Appleby jam at the Yokwe Yuk Club last January. The group returns to the island this weekend for two shows.

Toast, which we will have with us, but also a different bunch of classics, which we mix up every night," said lead singer Michael Lee Jackson. "And there may even be a few surprises. Who knows? We've been having a blast on this tour, and there's never been so much spirited improvisation in the group."

The group has added guitar player and singer Geno McManus for this tour, but will miss keyboardist Paul Zablotski, horn players Jim Runfalo and James Bohm and backup singer Sharon Banks, all of whom will sit out the tour, "for budgetary reasons," Jackson said. "But we still sound killer. I only wish we could be staying longer in Kwaj."

The group had a scare on their Alaskan tour when singer Nikki Hicks underwent emergency surgery.

"That was pretty scary, but she's fine, and in very rare form," Jackson reported.

Based in Buffalo, N.Y., Animal Planet also earned a number of nominations in the Buffalo Music awards this year including Best Original Pop Band, Best Original Male Vocalist (Jackson), Best Original Guitarist (Jackson), Best Original Keyboardist (Zablotski, a.k.a., Visor Man) and Best Original Drummer (Gordie Rogers).

Their visit to Kwajalein is the third stop on yet another Pacific tour, which began Nov. 30 and is set to run through Jan. 26.

Scooters and helmets among recalled items ...

(From page 1)

The CPSC reported reported 8,600 scooter-related injuries nationwide in September alone. No injuries have been reported here, according to Carl L'Esperance, RSE senior safety engineer.

Meanwhile, three companies are recalling bicycle helmets due to failures during impact testing required by the CPSC.

Variflex Inc. is recalling about 240,000 "X-Games Aggressive" bi-

cycle helmets, which are either black, white or chrome. For more information, call Variflex at (800) 248-5327.

NHS Inc. is recalling about 1,100 "TSG Metallic Gold," 1,000 "TSG Gloss Black" and 500 "TSG Foundation Blue" helmets. Call NHS at (877) 743-7820.

First Team Sports Inc. is recalling about 1,000 "Guardian Junior Helmets." They are slate blue, and have "Guardian" written on the front and

rear of the helmets. For more information, call First Team Sports at (800) 528-5872.

Finally, if you have kids, check for cords on window blinds. The CPSC received reports of 130 strangulations involving both outer and inner cords on window blinds. Keep cords out of reach of children. A simple repair kit can child-proof your blinds. For more information, contact the Window Covering Safety Council at www.windowcoverings.org.

Classified Ads and Community Notices

HELP WANTED

The following on-island positions are open with Raytheon. For more information or to submit a resumé or application, call HR employment, Andrea, 53705.

KAPS AIDE, Education Dept. Casual position available immediately. Classroom assistant needed for preschool and school-age service programs. Responsibilities include assistance with snack preparation, food sanitation procedures, supervision of children and participation in a wide variety of recreational activities. Must possess a cheerful, energetic spirit and be able to work well with children. Selected individual will be required to undergo a criminal history background check.

SECRETARY, Automotive. Full time. Must possess general office skills and be proficient in Windows, Excel and Word. Must be detail-oriented with good communication skills.

SCHEDULER, Aviation. Casual position. Requires general computer and office skills. Responsible for helicopter manifests and compiling and filling out required forms in compliance with Army regulations.

POL SPECIALIST, Aviation. Casual position. Will be responsible to ensure safe and accurate fueling of assigned and transient passenger and cargo aircraft, as well as other POL responsibilities. Must be able to work weekends and evenings. Desire military POL experience.

FINANCE ACCOUNTANT, Finance. Full time. Senior accounting position responsible for general accounting tasks. Computer literacy and spreadsheet experience necessary. Must be proficient in Windows and Excel. Finance-related degree and experience with Oracle applications desired. Good interpersonal and communication skills required.

INSURANCE ADMINISTRATIVE COORDINATOR, Hospital. Full time. Responsible for administering electronic direct billing program for insurance carriers, reconciling payments with patient accounts, following up with carriers and patients regarding claims and financial reports. Must be extremely detail-oriented and possess good basic computer skills. Must be knowledgeable in industry standard CPT codes and ICD-9 coding.

STOREKEEPER, Tape Escape. Part time. Responsibilities include database management, data entry and various clerical tasks. Must have computer skills. Must be available to work days and be able to travel to Roi one day a week. Creativity is a plus.

CASHIER, Kwaj Tape Escape. Casual positions available. Hours are evening and weekends. Must be able to work independently and have good communication skills. Computer skills helpful.

DENTAL HYGIENIST, casual position. Must be registered licensed dental hygienist. Good communication and people

skills required.

Raytheon off-island positions are updated weekly in the Career Opportunities Book at the HR counter, Bldg. 700.

TEACHERS, College of the Marshall Islands. Business, education, math, English and computer classes beginning in January. For more information, call 51034 or 52188.

WANTED

CLEAN SPAGHETTI jars with lids as soon as possible. Will pick up. Call Deana, 52902.

TARP-TYPE patio cover. Call Pat, 52670 afternoons, or leave a message.

REMOTE-CONTROL airplane starter equipment such as plane, engine, controller and accessories. Call 52439.

LOST

MEN'S GLASSES with gold rims between airport terminal and post office Dec. 1. Call 54281.

LARGE MALE cat, gray and black. Call 52384.

TEEN'S PRESCRIPTION glasses at Emon Beach. Reward offered. Call 54530.

FOUND

GIRL'S SANDAL, white, size 5½, on Lagoon Road near Surfway. Call 51114.

MAN'S WATCH, brushed stainless steel, in high school computer room. Call 52015.

CHILD'S BEANIE Baby caterpillar and 12" x 17" plastic-covered brightly colored box. Call 54609.

GIVEAWAY

LUMBER from boatshack, many 2 x 4s and some good plywood, on lot #301. Yours for the taking. Take the whole shack away. Call 53793.

FENCE. You remove. Call 53488.

FOR SALE

6' ARTIFICIAL Christmas tree, racing bicycle for Rustman, Playskool child's desk, 80-foot vinyl picket fence with vinyl posts, Big Wheel, JVC seven-disk CD player, maple wall secretary, various VHS videos, mostly children's. Call 52602.

TOWN and COUNTRY surfboard, 6' 10", good condition, \$250. Call Bill, 53612H or 58989W.

BLINDS for 400 series house: three black, three white, four blue, good condition, \$3 each. Call 53488.

JENNY LIND crib and changing table, \$50; stroller, free. Call 53693.

PCS SALE. Four adult bikes, two Kwaj-condition, \$35 each; three-speed ladies bike, \$35; brand new Huffy with basket, \$100; bike wagon, \$20; 51-foot wood fence, \$60; blinds for 400 series house, \$5 each; 9' x 12' carpet, \$40; 12' x 16' carpet, \$30; curtain rods, single, \$1 each, double, \$4 each, triple, \$7 each. Call 52576.

RECLINER, dark green, in great condition, \$175. Call Todd, 58607.

CARPET FOR three bedrooms and living room, make an offer; bathroom space saver, \$20; barbecue grill, new, with approved tank of gas, \$100; computer desk, \$80; backpack/stroller, like new, \$75; plants at various prices. Call 52496.

PCS SALE. Plants for sale: ginger, gardenia, cactus, hibiscus, bougainvillea, desert rose and more, \$30 or less; paint sprayer, \$ 40; ceiling fan with kit, \$30; men's rollerblades, size 8, with accessories, \$75; Round Up, new, \$10. Call 51107W or 54430H.

TOSHIBA DVD/CD player, \$175; JVC six-disk CD changer, \$75; Western King bed frame, \$25; assorted snorkel gear, make an offer. Call 51618 or 54747.

TAN RECLINER, \$150; MacGregor Battlesticks golf clubs with bags and lots of extras, \$200. Call 54555 after 5 p.m.

SET OF golf clubs 3-PW, new shafts and grips, cavity backs, \$100 or best offer. Call 52540.

LEGO STAR WARS Naboo fighters #7141, 174 pieces, brand new, \$20; Playmobil knight set, brand new, \$27. Call Tricia, 52417.

DIAMOND earrings, new, two carat DTW, regular price, \$7,000, will sell for \$4,000. Call 54168 or 54835.

PCS SALE. All size plants, \$3-\$60; 19" TV, \$275; 27" TV, \$300; 48" TV, \$850; Sear's dishwasher, \$225; computer desk, \$240; oak entertainment center, \$100; desk, \$50; carved side table, \$20; storage cabinet, \$20. See at Qtrs. 205-B or call 53565.

IOMEGA ZIP CD CDRW 4 x 6 x 6 external USB CD burner, less than four months old, ideal for laptop, \$220; Creative 5x DUD player with decoder card, TV out, works great, \$110 or best offer. Call Chris, 51313.

CAL 20 with mast, boom, tiller, sails and extras, as is, make an offer; boathouse in good condition, \$500 firm. Call Dave, 56054 or 56662.

GIBSON LES PAUL standard guitar with hard case, \$1,800; Gibson Les Paul Studio guitar with hard case, \$850; Fender American Standard Stratocaster guitar with hard case, \$600; Takamine acoustic/electric guitar with hard case, \$850; Marshall 40-watt guitar amplifier, \$200; Fender Bullet guitar amplifier, \$100; Canon 8mm camcorder with accessories, \$750. Call 54197 after 6 p.m.

COMMUNITY NOTICES

YOUTH SOCCER registration for ages 3 through sixth grade will run until Dec. 30 at Community Activities, 7:30-11:30 a.m., and 12:30-4:30 p.m., Tuesday through Saturday, or at the Youth Center, 11:30 a.m.-12:30 p.m., and 3-5:30 p.m. Questions? Call Amber, 53331.

RING IN the new year at Kwajalein Running Club's Walk/Run Celebration. Pick up a

Classified Ads and Community Notices

registration form on the mini-mall bulletin board or Qtrs. 430-A. Questions? Call Larry or Joan Krone, 52840, or Jan Paget, 53003.

KAISC monthly meeting will be Thursday, 7 p.m., in the Pacific Club. All members and newcomers invited.

DO YOU need a good map, a travel guide to Micronesia or Bali, or a book on the Marshall Islands? Check the Mic Shop for these and other items.

LAST CHANCE to own a golden cowry. Bids must be in to the Mic Shop by 7 p.m. tomorrow.

GET INVOLVED with the community and earn some extra money, too. Come to the adult volleyball scorekeepers' clinic Friday, Dec. 29, 5 p.m., in CRC Gym, followed by the adult volleyball officiating clinic at 6 p.m. For more information, call Ian, 53331.

SAFETY REMINDER: Do not park bicycles on the downtown walkways. Park in designated parking areas.

NEXT SCUBA club meeting is tomorrow, 7 p.m., in CAC Room 7. Holiday activities will be discussed.

DURING THE MONTHLY supply barge operation Thursday, all personnel are asked to remain outside the barricaded one-block area around the supply warehouse complex. This area is bounded by Marine Road, Poinsettia Street, and 6th and 8th streets. This request is in the interest of everyone's safety. Questions? Call Shipping and Receiving, 52180.

ADULT VOLLEYBALL managers' meeting will be Dec. 27, 6 p.m., in CRC Room 1. Fee is \$150 per team. Bring your team roster and fee to the meeting. Questions? Call Ian, 53331.

KWAJALEIN Family History Center has recently received new items to help you find your ancestors, including CD of vital records index for North America; CD of 1851 British census for Devon, Norfolk and Warwick; five CDs of pedigree resource file; five CDs of Australia vital records index 1788-1905; and five CDs of vital records index for the British Isles, 1538-1888 with approximately five million births and marriages. We also have the PAF 4.0 Windows version. The FHC is open Thursday, 7-9 p.m., in CRC

Seems like yesterday they were just eggs. I sat on them and kept them warm, protected them from snakes and other slimy things. Then they hatched and I had to break my beak digging in the dirt for worms...YUK! Not to mention LIVING WITH THEIR FATHER. So what happens, they grow a few feathers and they're Mr. and Miss BIG SHOT! Then they leave. Do they visit, do they call? Maybe a grub package on Mother's Day, big deal! But I'm NOT COMPLAINING mind you . . .



Empty Nesters!

Join others who will spend Christmas Day without the kids. For more information, call Barbara, 50227.

Room 3. For an appointment to use the computer, call 53140.

IMPORTANT INFORMATION about the reclaimed water system: the reclaimed water system did not meet disinfection requirements. The Kwajalein Island non-potable or reclaimed water system recently violated a treatment standard. Although this situation does not require that you take any precaution, as our customers, you have a right to know what happened, what you should do and what we are doing to correct this situation. The USAKA Environmental Standards requires the reclaimed water have a residual disinfectant level of 0.5 parts-per-million (ppm) chlorine at all locations within the distribution system. At several times between Nov. 6 and 8, the residual chlorine was detected at less than 0.5 ppm at monitoring locations within the system. Additionally, the pH (relative acidity or alkalinity) was detected slightly lower than the recommended range for the water on three occasions during the same period. What does this mean? This is not an emergency. If it had been you would have been notified immediately. We routinely monitor for disinfectant residual in the distribution system. This measurement tells us whether we are effectively disinfecting the water. Disinfectant residual is the amount of chlorine present in the pipes in the distribution system. If the amount is too low, organisms could grow in the pipes. Due to the nature of reclaimed wastewater, maintenance of a disinfectant in the system is critical to

providing safe non-potable water to the community. Prior to being used as non-potable water, the reclaimed wastewater is disinfected at the Kwajalein Wastewater Plant and put into storage within a tank at the Water Plant. Prior to use, the water is again disinfected as it enters the distribution system. The water is also tested daily for bacteria. The pH of the water is an important factor in controlling corrosion in the pipes. What is being done to correct the problem? To determine the cause of the low chlorine levels, additional tests are being performed to ensure adequate chlorine is being added to the water. In addition, samples were immediately collected at all monitoring sites within the system and tested for bacteria. All samples were found negative. Equipment has recently been installed at the Water Plant to continuously monitor the levels of chlorine in the system. Previously, all monitoring was done by hand. This equipment should allow better control of the system and avoid future problems with maintaining adequate levels of disinfectant in the water. If the problem persists, the system may be switched temporarily to another source of water such as groundwater or saltwater until the problem can be resolved. You will be notified prior to any change. Currently, no restrictions on the normal use of reclaimed water (irrigation, vehicle washing, etc.) are necessary. Contact the Utilities Department at 51847 or the Environmental Office at 51134 if you have any questions regarding this notice or the reclaimed water system.

Scuba Santa and his reindeer



will arrive at Emon Beach Tuesday, Dec. 19, at sunset. Bring the kids to this event.

See you at the movies!

Saturday

A Christmas Story (1983, PG)

Set in a 1940s-era Midwestern town, this hilarious holiday tale revolves around the trials and tribulations of a seven-year-old boy who only wants one thing for Christmas — a Red Ryder BB gun with a compass in the stock. Along the way he must overcome the prejudice of his parents, teacher and even Santa Claus, who all tell him “you’ll shoot your eye out” with the toy. (Peter Billingsley, Melinda Dillon, Darren McGavin, Jean Shepherd) (95 minutes)
Richardson Theater, 7:30 p.m.

Bless the Child (New Release, R)

An autistic girl is abducted by a Satanic cult that believes she may be humanity’s last hope against ultimate evil. (Kim Basinger, Jimmy Smits) (107 minutes)
Yokwe Yuk Theater, 8 p.m.

Nutty Professor II (New Release, PG-13)

Overweight scientific genius Sherman Klump is back and in love with a brilliant DNA research scientist. Still troubled by Buddy Love, his dark half, Klump enlists his girlfriend’s help to splice Buddy out of his DNA structure for good. (Eddie Murphy, Janet Jackson) (105 minutes)
Tradewinds Theater, 8 p.m.

Sunday

Camille (Classic, 1936)

The lovely Camille, kept by the wealthy and powerful Baron de Varville, is one of the most glamorous courtesans in Paris. But the wealth grows dull when she falls in love with a handsome, young man, whose father disapproves of the relationship. (Greta Garbo, Robert Taylor, Lionel Barrymore)
Richardson Theater, 7:30 p.m.

Nutty Professor II (New Release, PG-13)

Richardson Theater, 9:30 p.m.

Bless the Child (New Release, R)

Tradewinds Theater, 7:30 p.m.

A Christmas Story (1983, PG)

Tradewinds Theater, 9:30 p.m.

Monday

Nutty Professor II (New Release, PG-13)

Richardson Theater 7:30 p.m.

Bless the Child (New Release, R)

Yokwe Yuk Theater, 8 p.m.



(Photo by KW Hillis)

For the children

Melissa Burt, 12, applies a tattoo to a small visitor from Third Island during the Enniburr Children’s Christmas Party on Roi-Namur Monday afternoon. The party drew 500 Enniburr residents, who enjoyed Santa and Mrs. Claus, toys, games, food and the annual Roi-Namur tree lighting. The evening ended with two Third Island youth groups singing songs at the Tradewinds Theater.

C Company, 864th Engineers ...

Invite the community to attend the project dedication ceremonies on Friday. The ceremony at the Consolidated Maintenance Facility (across from Self Help) is at 9 a.m. and the one at the Space Surveillance and Telemetry Center (Building 1010) begins at 10 a.m.

WEATHER
Courtesy of Aeromet

Tonight: Mostly cloudy with widely scattered showers.
Winds: East-northeast to east at 10 to 15 knots, with higher gusts near showers.
Tomorrow: Partly sunny with widely scattered showers.
Winds: Southeast at 8 to 13 knots, with higher gusts near showers.
Temperature: Tonight’s low 78°
Tomorrow’s high 85°
December rain total: 7.84"
Annual rain total: 94.81"
Annual deviation: -2.05"

Call 54700 for continuously updated forecasts and sea conditions.
Forecasts available online: www.kmr-wx.com



Sun • Moon • Tides



	Sunrise/set	Moonrise/set	High Tide	Low Tide
Tuesday December 12	0653/1831	1925/0722 Full Moon	0435, 4.9' 1651, 6.2'	1029, 0.3' 2318, 0.1'
Sunday December 13	0653/1831	2029/0826	0515, 4.8' 1731, 6.2'	1107, 0.4'
Monday December 14	0654/1831	2132/0928	0557, 4.6' 1812, 5.9'	0000, 0.3' 1147, 0.6'
Tuesday December 15	0655/1832	2234/1028	0642, 4.3' 1856, 5.5'	0045, 0.5' 1229, 1.0'