

# THE KWAJALEIN HOURGLASS

Volume 42, Number 20

Tuesday, March 12, 2002

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

Getting closer

## Telemetry upgrades move KMAR along

By Jim Bennett  
Editor

Imagine flying thousands of miles per hour, shooting clear video of a missile launched from miles below and aimed at you. Next, follow that missile as it streaks toward and finally smashes into you.

That's one example of the beauty of telemetry, and the business has gotten sharper at the Reagan Test Site with recent Kwajalein Modernization and Remoting upgrades.

"Telemetry is the future," said Dr. Mohamed Abouzahra, MIT/LL site manager.

More customers are loading more telemetry devices on board flights to give more and better data, according to Abouzahra and a group of range telemetry experts including Dr. Guy Tarnstrom, MIT/LL KMAR project manager; Dana Wells, RSE KMAR Telemetry project engineer; and Barry Colclough, RSE Telemetry manager.

Some of those devices in-

clude video feeds, target locations using the Global Positioning System, target movements and orientation and a host of other classified features. Twenty years ago, a 200,000 bits per second data package taxed the systems. Today data packages, including video, of 10 to 20 million bits per second are "very common," Wells said.

What's more, customers want the data instantaneously, Colclough said.

"Typically we would collect the data and hand it over to the customer," Colclough said. "They take it back to the states and study it. But now customers want to see the data as it comes in."

"Being able to get the data real-time was a mission priority," Abouzahra added.

With a history of collecting telemetry data for 40 years now, the range faced the problem of aging equipment and the need to update technology, all while cutting costs. Enter KMAR.

(See *NEW*, page 5)



(Photo by KW Hillis)

## Abandon ship

One by one, the Marine Department ships' crews jump off the KMRSS *Worthy* as part of an abandon ship and survival training exercise Friday afternoon. After jumping, the 20 crew members boarded a 25-man raft and were briefed on survival techniques.

## Feline disease showing up in more cats as strays increase

By KW Hillis  
Feature Writer

The ad about finding a black and white cat ran for the first time in Friday's *Hourglass*, but it was already too late.

"He tested positive for FIV (feline immunodeficiency virus) and I put him down after keeping him for nine days," said Paige Colclough, Veterinary technician.

Not only is FIV on the rise, but so is the number of stray and unregistered cats, Colclough said.

When she first started working in the Veterinary Clinic two years ago, Colclough said the

average number of cats that tested positive for FIV was only one or two per year.

In the last 12 months, there have been 15 to 20 cases, she said. Three cases have been found on island since January.

The fatal FIV virus, which has no preventive vaccine, is spread from cat to cat usually by bite wounds, Colclough said, adding that she is seeing the disease in registered and unregistered, indoor and outdoor cats.

Just because a cat has been an indoor cat for a long time does not guarantee that it does not carry the disease.

"The animal may not show signs of illness

for years," Colclough said. "You may have gotten a cat that used to live in family housing and now lives in a BQ ... If [the cat] has ever been exposed at any point in its life, [the cat] can still carry that disease."

Eventually, the cat will start showing signs of a weakened immune system. Some of the more common symptoms are upper respiratory infections, wheezing, eye drainage, excessive sneezing and mouth ulcers, she said.

Owners should know the FIV status of their cat, according to the American Association of Feline Practitioners and Academy of Feline

(See *STRAY*, page 4)

# Query Me Quick puts Hourglass on fast track to improve

As a kid I used to dread report card day. Not that I did particularly badly in school. I was kind of a nerd, in fact, but I might have done better academically if I had applied myself more and hadn't been such a smart-aleck. And I might have done better socially if I hadn't been such a nerd and a smart-aleck.

The grades were generally respectable except for "deportment," that archaic term my school used for behavior. Back then, schools felt free to write things like, "Your kid is messed up and needs to shape up or he'll end up writing drivels for some newspaper in the middle of nowhere."

So it was with some trepidation that we here at the Hourglass awaited the results of the Query Me Quick survey results. Like those scenes in "Survivor" where the camera pans around at all the members of the tribe and they try to look cool and calm when in fact they're thinking, "I'm about to get tossed by these morons on international television. They're going to make me look like a schmuck and I don't even get a parting gift."

Well, the Kwajalein tribe has spoken and, happily, we've done some things right, and likewise, we have a few things to work on that should keep us busy until the next survey, which will be on your e-mail in 20 minutes.

Apparently, 67 percent of you read



every issue and another 25 percent of you read most issues. That's key to me. Granted, you're a captive audience, made more captive by the upcoming departure of Stars & Stripes, but we can't rest on that. If there's not something, not necessarily everything, but something in here that matters to you, then we're nothing more than cat box liner to you.

According to the survey, 70 percent of you feel the paper "covers things that are pertinent to me," but 92 percent of you are reading us most every issue. I haven't totally figured that out, but in any case, I think we need to stay on top of the local news and perhaps add a little more variety to our features to capture the around 30 percent of you who feel we're lacking.

I'm going to ask your help here, especially those of you who feel we're not providing the goods. Send us your ideas and story tips. We have a lot of contacts out there, and we're always working to add to that number. Believe me, I'm sick of

breaking up my reporters from their daily canasta games and telling them to get to work. Call us at 53539. We may not get to everything (apparently canasta is a very involved game, some say "sport"), but your help will improve the product we give you.

Now 83.8 percent of you feel you "have easy access to the Hourglass newspaper." That tells me our kids are getting the paper to your mailboxes with minimal misses. No misses are acceptable, but we're dealing with humans here so we have some alternative sites, the most popular being the Post Office front office and the Café Pacific. I'd like to get that percentage up, though, so perhaps we need to rethink the numbers and where we drop our stacks of papers. I welcome any suggestions you have.

For those of you visiting our fair island, look for us at Kwaj Lodge, Café Pacific and, just for this mission, the Meck dining hall, though it probably won't reach there until Wednesday and Saturday a.m. (We couldn't get a special helicopter run. I even offered to fly it.) Thanks to Ray Smead for helping us meet that need.

In hindsight, the grade card looked all right and we appreciate your input for the areas of improvement where we need to focus our energy. Now if I could just get that department grade up on my last evaluation.

### The Kwajalein Hourglass

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## Buckminster and Friends — By Sabrina Mumma



## Not forgotten

(Photos by Peter Rejcek)



Above: Darin Haaversen polishes the plaque honoring the lost Makin Raiders Friday morning. Both memorials (see right) are scheduled to be officially dedicated this coming Memorial Day.

Below: Lyndon Tolwi, right, helps place the plaque for Operation: Flintlock Friday afternoon in front of the Kwaj Lodge. The memorial honors those U.S. service members killed during the invasion of Kwajalein Atoll during World War II. (See last Friday's *Hourglass* for details about the memorials.)



## New club discusses teen issues

By C.J. Johnson  
*Hourglass Intern*

Teenagers now have a place where they are able to talk out their social problems with one another. Shawna Ferstl, school psychologist, and teacher Masina McCollum have started a Kenono ("Talk") Club on Kwajalein.

"Kids can bring up issues they want to talk about," Ferstl said, adding that parent permission is required for kids under 18.

Ferstl, with approval from the school administration, modeled the youth club based on her prior experience with forming clubs for teenagers who would like to share their interests. Ferstl formed similar clubs in high schools, junior high schools and elementary schools in the states. Students' needs determined the discussion topics for the clubs, she explained.

"You will not be required to say anything or to come back, but you are required to keep what is said confidential for the others."

The members' feedback and their needs will be important in the development of the club, she added. Kenono will be split up into several different groups, limited to six to eight, mainly organized based on grade (7-12), gender and interests. Each section will meet once a week at an agreed-upon time.

Three sections met for the first time last week.

"The kids involved have really given good feedback and participated fully," Ferstl said. "The meetings have gone really well and the kids have really opened up a lot ... The students have already started to take control of topics discussed. It's great."

The club concept comes at a time when juvenile behavior is under close scrutiny by law enforcement authorities, who said they are taking a no-nonsense approach to curfew violations and underage drinking.

In a Dec. 7 article of the *Hourglass* on underage drinking, Ferstl stated, "We're going to be starting awareness groups. My understanding is that drinking is a large problem on this island. It's illegal and we want to start activities where you don't drink."

In that same article teens were interviewed by the *Hourglass*, under condition of anonymity, saying there is an underground teenage drinking culture at Kwaj. So the Kenono Club apparently came at the right time.

"Everyone will benefit from learning conflict resolution, communication ... friendship skills, problem solving, and decision-making skills," Ferstl said.

For more information, contact Ferstl at 53606 or e-mail at [shawna.ferstl@kwajalein-school.com](mailto:shawna.ferstl@kwajalein-school.com).

## Mission is Saturday

From the Command Safety Office

A range operation is scheduled for Saturday, March 16. Caution times are 12:01 p.m. through 8:30 p.m.

For caution areas, see last Friday's *Hourglass* for maps.

In order to ensure clearance of non-mission support personnel from the mid-atoll corridor by the window opening time, Kwajalein Police Department island clearance procedures will continue until evacuation has been accomplished. Egress of all air and sea craft will be required when requested by authorized clearance personnel. Subsequent to lagoon clearance, the hazard area will be in effect until mission completion.

In conjunction with this operation, a Kwajalein met rocket launch is scheduled as soon as possible after the launch from Meck Island on Saturday, March 16. For caution areas, see maps above at bottom right and bottom left.

In the event of a mission slip, the caution times and areas will be in effect for the following days:

- 12:01 p.m. to 8:30 p.m. Sunday, March 17.
- 12:01 p.m. to 8:30 p.m. Monday, March 18.

Questions regarding the above safety requirements for this mission should be directed to the Command Safety Office, range safety officer, 51910.

# Installation at FPCON Bravo until further notice

By Peter Rejcek  
Associate Editor

With a week before the latest test of the Ground-based Midcourse Defense system, USAKA ratcheted up its security, going to Force Protection Condition Bravo Saturday morning.

"We understand we have some vulnerabilities—some high-tech stuff—going on," said Lt. Col. Steve Morris, USAKA director of Plans, Training and Security.

Integrated Flight Test 8 is scheduled for this Saturday, and security has already been tightened with the addition of Marines on island. The additional security measures that fall under FPCON Bravo are intended to mix more elements of unpredictability to the installation's operations, according to Morris.

"Terrorist and those sorts of groups depend on patterns," he said. "By increasing our unpredictability, we make it harder for them."

No specific threats have been made against USAKA, Morris added.

The FPCON measure residents and em-

ployees should be most aware of is that IDs must be worn and displayed at all times, he said. In addition, all vehicles should be parked, as best as possible, at least 25 meters, or about 100 feet, from any building. During FPCON Alpha, vehicles cannot be parked next to any of seven mission-essential buildings such as Building 1010 or the power plant.

The latter stipulation is to prevent a possible terrorist from hiding a bomb in or under a vehicle, Morris said. "That's the oldest trick in the book, is to hide something in an unattended vehicle."

The Marshallese workforce and commuters are not adversely affected by the higher security measures, Morris said. "There should be no change to the current commuting policy," he said, adding that the repair of X-ray machines at the Dock Security Checkpoint will allow commuters to bring laundry and other items through. Baggage will be checked on a frequent and random basis, Morris said.

The installation will remain at FPCON Bravo until further notice.

## Community Notice

Effective 9 a.m., Saturday, March 9, USAKA went to Force Protection Bravo (plus) until further notice. All personnel, including TDY, are required to wear badges at all times. USAKA personnel and CIS will do spot checks for compliance. Review FPCON Bravo measures in the 2002 phonebook; however, RMI commute list, laundry and access programs ARE NOT affected at this time.

JINO JEN 9. AWA JIBON IN SATURDAY, USAKA ENAJ. BAR OKTAK NAN KEJEBAROKEO LUMIN BRAVO MAE NE ENAJ BARALIKAR. AOLEP RAIKUJ KALIKAR, BADGE KO AIR AOLEP IEN. DRI JERBAL RO AN USAKA IM CIS RENAJKOMANI JERBALEKATIKO. DRI KWALKOL, IM DRI LOTOK RO JET RE MARON IN ITUK WOT NAN KWAJ. ILO TERE IN.

## Stray, unregistered cat population growing, causing problems ...

(From page 1)

Medicine Advisory Panel.

The Advisory Panel recommends FIV testing annually for cats that have access to outdoors or are exposed to FIV positive cats. Tests should also be done before a cat is brought into a home, even if the home does not have any other cats or if the cat is sick. It can take up to 60 days after a cat is bitten or wounded for the virus to show up in a test, Colclough warned. Female cats can also pass the virus on to their kittens.

The test is a \$25, 10-minute test that takes three drops of blood, Colclough said.

Although FIV testing and registration is mandatory for all cats brought to Kwajalein, some cats are showing up on island that have not been tested, are not registered and have not had shots every year, she said. Colclough estimates that there are about 50 stray cats on the island, some indigenous and some left by their owners when they PCSed.

"I can almost promise you that the [destroyed black and white] cat belonged to someone who PCSed last year," Colclough said. "It fit the description in the chart perfectly."

Unfortunately, instead of reporting the stray, people in the area fed it, she said.

"I view feeding strays as bordering on neglect because I have seen firsthand what happens to a stray that goes hungry for weeks,"

Colclough said. "They suffer from chronic infestation of worms, ear mites or other animal diseases ... I can easily understand how someone would think they were doing the [cat] a favor, but they aren't."

People who are PCSing are required to take their animals with them, and it is part of the checkout process at the hospital, Colclough said. But there are alternatives to euthanasia if an owner cannot take the animal.

### FIV cases up nearly tenfold over last 12 months.

"I keep a kitten and cat waiting list for people who would like to adopt an animal," she said, adding that when she finds a stray that no one claims she tries to adopt it out—if it is healthy. Transferring an animal to someone else without going through the clinic is not only a bad idea, it's against the regulations, because the pet may never be tested or registered.

Another source of possible FIV-infected cats is the outer islands, Colclough said.

"It's also against regulations to bring a cat or kitten from an outer island; don't do it," she said.

As to leaving pets when a resident PCSes, Colclough said, "Don't own an animal if you don't want to take it with you when you leave.

It keeps someone else from owning a pet and strays can spread disease."

When a cat is not registered it can be painful—to the cat.

"I think a lot of people don't seek treatment for a sick or injured animal because they don't want to go through the hassle of registering," Colclough said, explaining she has to register an unregistered pet before she can treat it. "Usually when I see them they are in pretty bad shape because [owners] put treatment off ... Registering is a part of Kwaj life that really does benefit the owners, the community and the animal."

When a pet cat is lost, the owner should call the Veterinary Clinic.

If Pest Control picks up a cat, there is a three-day holding period at the Veterinary Clinic, she said. "After three days, I either need to readopt that animal out or possibly euthanize it. If I ended up euthanizing somebody's pet, it would be horrible."

Although dogs cannot spread FIV, they do create a health hazard, and Colclough has a unique way of reminding dog owners to pick up after their pets.

"I just remind people that flies regurgitate their food, so don't leave fecal matter on the ground," she said. "If it's your hamburger [the fly] lands on afterwards, it's not a pleasant thought."

## New antennas 'automate, consolidate and relocate' ...

(From page 1)

Developing a plan in 1999 as part of the KMAR program, the range couldn't get funding until 2000 when Lt. Gen. John Costello, then SMDC commanding general, authorized a three-year "accelerated" plan to get telemetry up to date.

The plan called for the purchase of three antennas each year for three years, plus remoting existing operations on Carlos, Illeginni and Gagan to Roi-Namur and Kwajalein. Planners framed the project around the buzzwords "automate, consolidate and relocate," Abouzahra said.

By February 2001, workers had moved an antenna tower from Gagan to Roi-Namur and installed three new antennas on the sites where three antennas had stood. A fourth antenna joined the mix by November, shortly before IFT-7.

Crews are currently installing three antennas on Mount Olympus and setting up two mobile antennas.

"It's the best siting for the telemetry," Abouzahra said. "It has a commanding view."

The two mobile antennas can be moved to other islands such as Wake Island, he said.

With the four antennas on Roi-Namur, three fixed antennas on Kwajalein and two mobile antennas, the range boasts nine total antennas, not counting the two aboard the KMRSS *Worthy*, which are used primarily for safety purposes.

While each new antenna is unique in size, ranging from 3 to 7 meters in diameter, they share a number of common traits. They were all purchased from the same vendor and share the same commercial, off-the-shelf spare parts and software systems. In short, a telemetry technician working on Roi-Namur can work just as easily on Kwajalein, and vice versa. Parts are interchangeable, and they're a lot smaller. Sys-



(Photo courtesy of RTS)

**FOM workers place a radome cover over a 5-meter telemetry antenna last year on Roi-Namur. The project represents one of nine new antennas installed on the range over the past three years under the KMAR upgrade program.**

tems that used to fill a large rack fit on a board in the base of the antenna today, Wells said.

In addition, the new telemetry sensors can be remotely operated from the Kwajalein Mission Control Center, where operators can perform diagnostics and calibrations.

When finished, sometime in September, crews will work solely out of Kwajalein and Roi-Namur, ending the helicopter commutes and other challenges many workers faced.

Currently, five telemetry technicians fly to Carlos every day, with eight going on mission

days. That doesn't include the 14 or more range customer technicians who might accompany the RTS staff during mission preparations and operations.

Once on Carlos, Illeginni or Gagan, crews often spend the night during missions, sleeping on cots and eating box lunches.

More importantly, with the antennas all located on the same island where the primary technicians reside, maintenance becomes far easier, Tarnstrom explained.

"In the past, you'd fly up with parts you thought you needed, but it might be another problem and you'd need something else," he said. That would require another helicopter flight, which under normal circumstances didn't happen until the technician was ready to be picked up for the commute home, thus delaying the repairs.

Furthermore, because each mission requires different telemetry data, receivers would often have to be moved from site to site, putting wear and tear on the equipment, he added.

Crews will still travel to Carlos during this and the next few missions as the range tests and validates the new equipment, but after three years of work and with September only five months away, Colclough said, "It's pretty amazing."

**This artist's drawing illustrates what Mount Olympus will look like after the KMAR upgrades to telemetry are completed.**



(Illustration courtesy of RTS)

## 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, Beverly Schmidt, 52728.**

**SPORTSWRITER, Hourglass.** Casual. Must be able to write well, use digital camera and stick to a deadline. Evening and weekend hours required. Knowledge of sports helpful. Submit minimum of three clips to Jim Bennett, Box 23, Local or at Building 805, second floor at the Hourglass office or e-mail: [jbennett.kls.usaka.smdc.army.mil](mailto:jbennett.kls.usaka.smdc.army.mil). For more information, call 53539.

**CDC INSTRUCTORS, Education Dept.** Degree in early childhood or education preferred, but not required. Teaching or caregiving experience with children helpful. Selected individual will need to be energetic, motivated and punctual and have leadership skills. A criminal history background check is required.

**SCHOOL-AGE SERVICES LEAD INSTRUCTOR.** Seeking individual with background working with elementary school children to plan and implement a before- and after-school program and full-day program during school vacations. Individual should have experience with child development, activity planning and willingness to complete training program. A criminal history background check is required.

**SECRETARY, ALCOR.** General office clerical support for KREMS radars. Duties include timecard administration, filing and cataloging technical memos, new-hire orientation, managing office supplies, preparing weekly and monthly status reports and maintaining calling trees and other administrative lists.

**REGISTERED NURSE, Kwajalein Hospital.** Are you interested in working as a temporary, casual or part-time nurse? Kwajalein Hospital is looking for qualified candidates to fill vacancies. Qualified candidates will be required to undergo a criminal history background check.

**DENTAL HYGIENIST.** Casual. Seeking certified dental hygienist to work on an as-needed basis. Selected individual required to undergo a criminal history background check.

**MATERIAL SPECIALIST, Supply Dept.** Full time. Individual needed to perform administrative duties. Requires good interpersonal skills, knowledge of MS Word and Excel and general office skills.

**SECRETARY, Utilities Management.** Temporary, full time. Seeking self-motivated person with excellent organizational skills proficient in Word, Excel and PowerPoint. Duties include bi-monthly activity report, monthly CDRL reports, tracking monthly credit card purchases, tracking open requisitions, PANS and general office work.

**SUBSTITUTE TEACHERS, elementary school.** March 23 through remainder of

school year. Must have current teaching certificate. Must undergo a criminal history background check.

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

**MEVATEC** is accepting resumé for part-time, on-island temporary administrative assistant vacancy. Duties include processing information, analyzing documentation and cost reports to create spreadsheets and charts using Microsoft Office and compiling and assembling reports. Must be able to perform multiple tasks with short suspense. Good communication and customer skills required. Must be U.S. citizen. E-mail [joan.mcwilliams@usaka.smdc.army.mil](mailto:joan.mcwilliams@usaka.smdc.army.mil). your resumé, or call 53779.

**OFFICE MANAGER, MIT/LL.** Full-time, on-island. Looking for individual to support the site manager and perform a variety of administrative duties, including, but not limited to, interacting with the MIT/LL headquarters in Lexington, Mass., on administrative matters, supervising other on-island office administration personnel, assisting TDY personnel at arrival and departure, property control, housing, petty cash, set-up of group functions and security. Must have knowledge of MS Word, Excel and PowerPoint. Must be well-organized and able to work with minimal supervision. Submit resumé to: MIT/LL, P.O. Box 58, Local, attention Mr. J. Michael Hart. Deadline for resúmes is March 15.

**USAKA currently has the following job vacancies. For application information and announcement paperwork, call Cris Foster, 54417.**

**BUSINESS ASSESSMENT ADVISOR, GS-13.** Closes March 20.

**MANAGEMENT and PROGRAM ANALYST, GS-12.** Closes March 27.

**PROGRAM ANALYST, GS-12.** Closes April 3.

**PUBLIC AFFAIRS SPECIALIST, GS-9.** Closing extended to March 20.

**WANTED**

**HOUSE or BQ** for a lovely lady who loves pets and plants May 6-15. Call 53717.

**DOG and CAT groomer.** I will help you get your license and your business started. Call Veterinary Services, 52017.

**DUFFLE BAGS.** Call 52527.

**OLD BLUEJEANS** for craft project. Call 52415, or drop off at Qtrs. 128-E.

**TV ANTENNA** and educational tapes for Carlos school. Call 55325.

**LOST**

**BLUE CD case** with 30 CDs and a black X on cover outside Gilligan's. Reward offered. Call 52275 or 57010.

**YAMAHA acoustic guitar** with black strap. Call 53733.

**PLASTIC SUNGLASSES,** black, with Revo logo, at Coral Sands Beach Feb. 24. Call Ben or Ellen, 54579 or 57175.

**LENS CAP** for digital camera at the chapel during President Note's address Feb. 24. Call 55325.

**PRESCRIPTION GLASSES,** DKNY gold frames with photogray lenses, outside the Snack Bar, Feb. 28. Call Gloria, 50896W, or Jerry, 59665.

**LARGE WHITE cat** with brown eyebrows and rings on tail. Call 53443 or 53977.

**WOMEN'S prescription glasses,** black frames, several months ago. Call Erica, 52527.

**FOUND**

**KEYS** at Dally Field March 6. Call 54534.

**FOLDING/COMPACT umbrella** in MP room after Kaleidoscope of Music Feb. 24. Call 52244.

**FOR SALE**

**SEARS CRAFTSMAN wet/dry vacuum,** 6-gallon, 2.0 HP, excellent condition, \$40. Call 52504.

**TWO COMPUTER desks** (one with two file cabinets) with chairs, oak high chair, dehumidifier, four brand new HP printer cartridges (two HP51645A, one 51629A, one 51649A), medium-size outside storage chest, large Lands End hammock and stand. Call Rick, 52667H or 58455W.

**8' x 12' MAUVE RUG,** \$25. Call 52442.

**PROM DRESSES,** size 6, excellent condition, and matching shoes, size 8. Call 54207.

**BALLET BAR** with tapes and slippers, size 7, \$275 for all; 6' and 3' Christmas trees; tool box with tools and nails, \$35; Paperport 3100 flatbed scanner, \$30; TV stand, \$25; four TV trays, \$25; data switch, \$5. Call 52305.

**FORT,** newly painted, large construction, handcrafted. Call 52527.

**20' BOAT,** welded aluminum, with 90 HP Johnson with rebuilt powerhead and 15 HP auxiliary engine, boat house plus extras, good for diving and bottom fishing. See at Roundhouse lot #51. \$14,000 or best offer. Call Skip, 59255W or 52726H, or Charlie, 52265W or 52683H.

**16' HOBIE CAT** with life jackets and extra accessories, good condition, with small boat shack, \$2,000 or best offer. Call 58609, after 6 p.m. or leave a message.

**THREE BOOKCASES,** \$50 each; microwave stand, \$30; microwave cookware, \$30; Henckels knife set with block, \$25; three two-drawer file cabinets, \$50 each; 6' x 9' rug, \$50. Call 54533.

**FINAL PCS sale.** Standing wall mirror, \$15; standing lamp, \$12; lamp, \$6; 26" wooden stool, \$12; four sarongs, \$6 each; material, \$5. Call 53612.

**BLINDS,** excellent condition, \$5 each; rose-

**Classified Ads and Community Notices**

wood entertainment center, elegant, must see; water purifier; air cleaner, \$10; electric typewriter, \$100. Call 53633, mornings and after 5 p.m.

RECLINER, excellent condition, \$300; dishwasher, \$275; TV stand lamp; bookcases, \$15 each. Call 52447.

CANNONDALE racing bike, Rustman ready, excellent condition, \$700; hunter green and beige couch, purchased stateside, excellent condition, \$700. Call 51081 and leave a message.

PCS SALE. Four bicycles, \$15-\$45; bassinet, like new, \$45; umbrella stroller, \$5; kid's bowling game, \$5; crib musical mobile, \$5; 10' x 12' indoor/outdoor carpet, \$25; gas grill with side burner, \$45; bicycle child carrier, never used, \$20; stroller umbrella, \$3; children's swimming pool, \$5. Call 51298.

PCS SALE. Two golf bag rain covers, \$5 each; lavender bathroom rugs, toilet seat cover and two hand towels, \$15; makeup mirror, \$10; American Tourister suitcase, \$20; Panasonic VCR, \$75; fish mobile, \$5. Call 53648.

BED LINEN ensemble for double bed including comforter, light green/cream, sheets, pillow cases and dust ruffle, magnolia pattern, \$40. Call 52682 and leave a message.

BIKE SHOES, men's size 8, \$5; bike helmet, \$5; inflatable Stearns kayak, \$175; basketball, \$5; small fan, \$5; iron, \$10; Backpacker guitar, \$35; 5" black and white TV, \$10; wetsuit, men's small, sleeveless, long legs, used once, \$35. Call Jeff, 52538.

LUGGAGE SET, \$15; Bissell carpet sweeper, \$5; 48x CD ROM drive, never used, \$20; small oscillating fan, \$5; Dust Devil hand vacuum, \$15; Mares regulator with alternate air and U.S. Diver DS3 bottom timer, \$100; Tusa Liberator small BCD, \$50; dive box, \$5; NEC multisync M700 computer monitor \$100. Call 55465, after 6 p.m.

SHARP 5000 BTU air-conditioner with remote, new, 115V, still in box, \$210; Footjoy Cape Cod ladies' golf shoes, new, never worn, size 6½, \$40. Call 51357.

LITTLE TYKES picnic table, excellent condition, \$40; solid wood convertible crib, converts to toddler bed, day bed or full-size headboard and footboard, \$200 or best offer; wooden changing table/bookcase, \$50 or best offer. Call 53713.

**COMMUNITY NOTICES**

AMERICAN LEGION Auxiliary meeting is Thursday at the Vets' Hall. Questions? Call Ruth, 52621.

UMUC Term IV for April 1-May 25: ECON201, Principles of Economics (3), Tuesdays and Thursdays, 6-9 p.m., Instructor is David Garretson; GVPT170 American Government (3), Wednesdays and Fridays, 6-9 p.m. Instructor is David Garretson. Registration is Tuesday, March 19 to Saturday,

March 30, 1-5 p.m., at University of Maryland office, Building 368.

KWAJALEIN SCUBA Club monthly meeting is tomorrow, 7 p.m., in CAC Room 6.

KWAJALEIN SCUBA Club annual Underwater Easter Egg Hunt is Sunday, March 24, 1 p.m., at Emon Beach dive pavilion. More information to follow.

AMERICAN LEGION meeting is tomorrow (note date change) at the Vets' Hall.

2002 GEORGE Seitz Elementary School Spelling Bee is Monday at the elementary music room as follows: 1 p.m., fourth grade; 2:15 p.m., grades 5-6. Questions? Call Holly, 51375.

HIGH SCHOOL Band and Choir Concert featuring music of the opera such as *Carmen*, *William Tell*, *The Gondoliers* and *The Marriage of Figaro* is Thursday, 7 p.m., in the MP room.

DUE TO an operational change, the hyperbaric chamber will be available March 12-15. There are no restrictions on recreational diving.

IT'S TIME to submit your photos for the 2003 Kwaj Calendar. Bring photos to the Retail Office and sign release March 15-May 1. Questions? Call 53307.

JOIN THE ZOOKS and guest entertainers at a combined St. Patrick's Day and PCS party for Ray and Kathy Cutshaw Sunday, 8 p.m., at the Vets' Hall. There will be a cash bar. Questions? Call Randy, 52589.

DO YOU have housekeys that won't fit your doors or any found keys? Turn old keys into the Housing Office at PBQ first floor, or use the drop box.

PTO BOOK FAIR is tomorrow, 6:30-8:30 p.m., in the elementary music room. We have many books, computer software, stuffed animals and school supplies. Credit cards accepted.

CRC racquetball courts are closed for maintenance until further notice. Questions? Call Cassie, 52491.

KIDS! If you have clay projects at the Hobby Shop, pick them up by March 31 or they will be disposed of. Questions? Call 51700.

HOBBY SHOP will no longer store lumber. Only currently active projects (worked on at least once a week) will be stored. Pick up your lumber by March 31 or it will become the property of the Hobby Shop. Questions? Call Julie, 51700.

PROTESTANT-SPONSORED Senior High Youth Fellowship is having a yard sale to help with the cost of their Kosrae trip. The sale is Saturday, 3:30-6 p.m., at Qtrs. 429-B. To donate items, bring them to the chapel office, or call Trina, 52842, for pickup.

JOB CORPS pre-enrollment test is March 20, 3 p.m., at Ebeye public school. Picture ID is required. Questions? Call Jallo Tokeak, Job Corps recruiter on Ebeye, 329-8462,

or Kwajalein Job Corps, 55622.

THE PTO annual Father/Daughter Dance is April 14. Girls in K-sixth grades, mark your calendars. More information will follow later in the month. Questions? Call Charlotte, 52483.

CHILD DEVELOPMENT Services is conducting a survey to determine if current availability of child care meets the needs of the community. Surveys are available at the Child Development Center office, or call 52158.

ST. PATRICK'S DAY dance for grades 7-12 is Saturday, 7:30-11 p.m., in CAC Room 6. Get your Riverdance shoes and dance the night away. Questions? Call 53331.

ADULT BASKETBALL is just around the corner. Register your teams at the managers' meeting Wednesday, March 20, 6 p.m., in CRC Room 1. Questions? Call Amy, 53331.

BASKETBALL officials and scorekeepers meet Friday, March 22, in CRC gym. Officials meet at 5 p.m. and scorekeepers at 6 p.m. Join the fun and earn some extra money too. Questions? Call Amy, 53331.

KWAJALEIN POLICE Department has several found property items for sale at the next auction. A teal-colored purse with a pink coin purse and three plastic bottles; a letter opener with clear plastic handle; an AC 9V power adapter; silver prescription glasses; Motorola pager, black, Security Alarm Shop; women's bracelet with black beads and plastic binding; burgundy-colored briefcase; two folding chairs, one green, one black. To identify these items, call Cpl. Harkness, KPD, 54452.

EMON BEACH swingsets are under construction and awaiting parts due on the next barge. They will be up and swinging as soon as possible. Questions? Call Amy, 53331.

YOUTH T-BALL/baseball skill assessment clinic is Friday, as follows: Junior Girls, 5 p.m., at Ragan Field; Pee Wees, 6 p.m., at Ragan Field; Junior Boys, 7 p.m., at Brandon Field. Junior Girls and Pee Wees times have been changed to accommodate swim team practice. There is no assessment clinic for Tiny Tots or Small Frys. Questions? Call Amy, 53331.

FAMILY POOL is closing at 2 p.m. Sunday, for a swim meet. Questions? Call Kristin, 52827.

ADULT and FAMILY pools overhead lighting will be worked on the next few weeks. If you notice a change in lighting, be patient. Questions? Call Kristin, 52848.

WOMEN'S BASKETBALL pickup games are every Monday evening this month, 5-7 p.m., in the CRC. If you are interested in playing women's basketball, come join us. The season begins in April.

**Classified ad deadlines  
Tuesday issue: noon Friday  
Friday issue: noon Wednesday**

**See you at the movies!**

**Saturday**

**Fantasia (G)**

Disney's eight-part marriage of music and animated images remains an outstanding achievement of animation wizardry, especially for its groundbreaking use of multi-channel stereophonic sound. Featuring Leopold Stokowski and the Philadelphia Orchestra. (120 minutes)

*Richardson Theater, 7:30 p.m.*

**The Royal Tenenbaums (2001, R)**

The Tenenbaums are a dysfunctional family as only Hollywood can make it: The father moved out three years ago, his estranged wife is thinking about marriage to another man and all three gifted children are as neurotic as they come. (Gene Hackman, Anjelica Huston, Ben Stiller, Gwyneth Paltrow, Luke Wilson, Owen Wilson, Danny Glover, Bill Murray) (106 minutes)

*Yokwe Yuk Theater, 8 p.m.*

**K-Pax (2001, PG-13)**

A man in a psychiatric hospital believes that he's from another planet, here to study Earth. The fantasy is so detailed that his doctor begins to doubt his own beliefs. (Kevin Spacey, Jeff Bridges) (124 minutes)

*Tradewinds Theater, 7:30 p.m.*

**Sunday**

**K-Pax (2001, PG-13)**

*Richardson Theater, 7:30 p.m.*

**The Royal Tenenbaums (2001, R)**

*Tradewinds Theater, 7:30 p.m.*

**Monday**

**K-Pax (2001, PG-13)**

*Richardson Theater, 7:30 p.m.*

**The Royal Tenenbaums (2001, R)**

*Yokwe Yuk Theater, 8 p.m.*



*(Photo by Dan Adler)*

**Project Necessary vocalist Rita Wilson performs jazz and rhythm and blues numbers Saturday night at Emon Beach.**

**Project Necessary brings back old friends**

**By Jim Bennett**  
*Editor*

The name came simply.

"The project was necessary. It's self-explanatory," said Dale Horton, bassist for the band Project Necessary.

Formed from members of Tampa's Theo Valentin and Friends with new musicians, the group has toured military installations throughout the Pacific in this, Armed Forces Entertainment's latest offering to Kwajalein. The band played locally Saturday at Emon Beach, jamming with jazz, pop and rhythm and blues covers from Marvin Gaye to Lil' Kim.

"It's an honor to play for our troops," said

Valentin, a vocalist with the group.

"Especially during these times," added vocalist Rita Wilson.

Joining Valentin and Wilson on vocals is Richard Jackson, adding the deep bass in the harmonies.

Kevin Wilder provides the piano sound, Dennis Mones keeps the beat on the drums and Jim Holibaugh plays the sax.

The Pacific tour is a return trip for Horton and soundman Bobby G, who visited Kwajalein in September with the band 808.

"It's something that's very rewarding in a lot of ways, playing for people with different cultures, and playing in different geographical locations is rewarding in itself," Horton said.

**WEATHER**  
Courtesy of Aeromet

**Tonight:** Partly cloudy with isolated showers.

**Winds:** Northeast to east-northeast at 12 to 20 knots, with higher gusts near showers.

**Tomorrow:** Hazy sunshine with isolated showers.

**Winds:** Northeast to east-northeast at 12 to 20 knots, with higher gusts near showers.

**Temperature:** Tonight's low 79°  
Tomorrow's high 86°

**March rain total:** 0.47"

**Annual rain total:** 5.02"

**Annual deviation:** -4.22"



**Sun • Moon • Tides**



	<b>Sunrise/set</b>	<b>Moonrise/set</b>	<b>High Tide</b>	<b>Low Tide</b>
Tuesday March 12	0658/1900	0540/1741	0400, 4.6' 1600, 5.3'	0950, 1.2' 2220, 0.7'
Wednesday March 13	0657/1900	0621/1826	0420, 4.8' 1630, 5.5'	1020, 0.9' 2240, 0.6'
Thursday March 14	0657/1900	0700/1911 <b>New moon</b>	0440, 5.1' 1650, 5.6'	1040, 0.7' 2300, 0.5'
Friday March 15	0656/1900	0738/1954	0510, 5.2' 1720, 5.5'	1110, 0.6' 2330, 0.5'