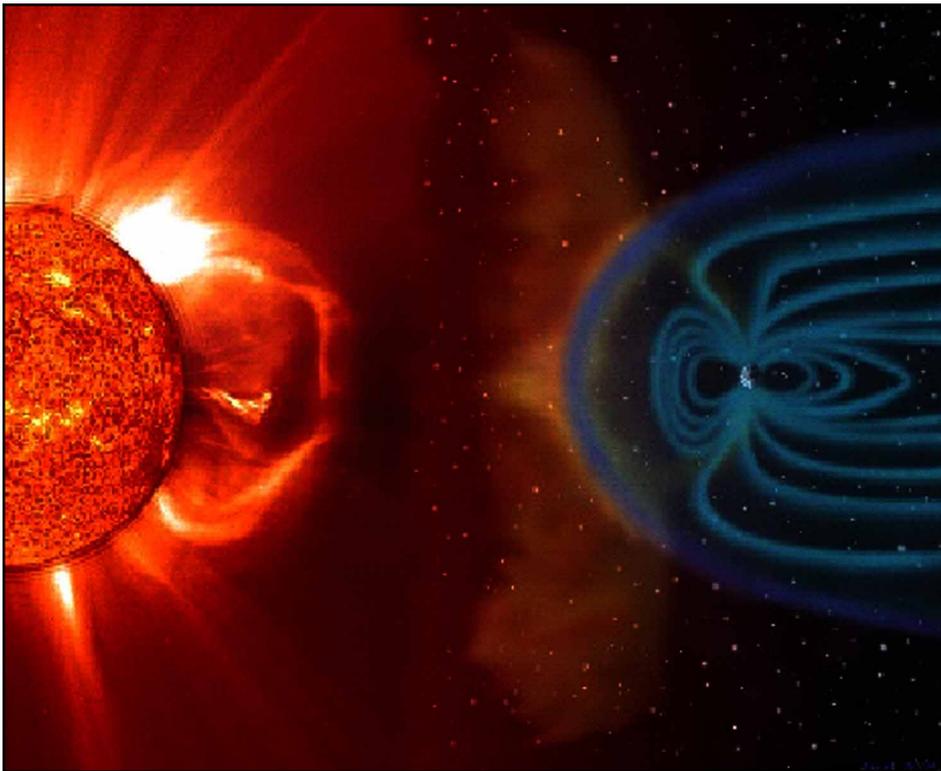


THE KWAJALEIN HOURGLASS

Volume 43, Number 57

Tuesday, July 22, 2003

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



(Photo courtesy of NASA)

The polar region and the magnetic equator contain a lot of energy in the upper atmosphere. "The particles coming from the sun are trapped in the earth's magnetic field," said Dr. Miguel Larsen EQUIS II Campaign scientist. "This is the earth [left] and these are the magnetic field lines." The EQUIS II Campaign sponsored by NASA Wallops Flight Facility will launch 14 rockets in August and September 2004 from RTS.

NASA plans study at RTS

By KW Hillis
Associate Editor

Late next summer, luminescent clouds will periodically light up moonless nights over the Marshall Islands and Federated States of Micronesia. Returning to USAKA/RTS after 14 years, the second set of the National Aeronautics and Space Administration's Equatorial Ionospheric Studies sounding rocket campaign will be launched from Roi and Illeginni with the range's support.

"They are going to shoot a number of rockets off of Roi and Illeginni," said Doug Hoskins, RTS Instrumentation engineer and co-chairman of the Ground-based Midcourse Defense Integrated Process Team. "They will go up high and release a couple of chemicals that will be visible for miles.

"They have done similar tests in the

arctic ... on the same particles you would see in the Aurora Borealis," he said. "The reason they want to come here is we are close to the magnetic equator. We'll provide logistics ... telemetry and sensors."

NASA Goddard Space Flight Center Wallops Flight Facility, located off the coast of Virginia has been launching suborbital and orbital rockets for 50 years. NASA's Sounding Rocket Program Office launches 20 to 25 missions per year from WFF and every two to three years has a mobile campaign. The last mobile campaign on Kwajalein successfully launched six missions from Roi-Namur in 1990.

The mobile campaigns occur when NASA puts out a call to universities and the scientific community for ionospheric research proposals, said John

(See NASA, page 4)

Aeromet to depart, new contractor TBD

By Jim Bennett
Editor

For 18 years, Aeromet Inc. employees have kept a watchful eye on Kwajalein's weather, but that will come to an end in the near future, as the company has lost its small business classification and hence, its USAKA contract.

L-3 Communications, a multi-billion dollar corporation, purchased Aeromet for \$20 million on May 30, making the company a wholly owned subsidiary.

"It's hard to claim you're a small business when your corporation makes \$3.8 billion a year," said J. Mark Fair, Aeromet site manager.

Add to that now Aeromet's annual sales of \$30 million, including a little over \$3 million annually from the USAKA contract.

(See WEATHER, page 5)

Off-island contract workers to receive new 401K benefit

By Jim Bennett
Editor

Contract employees with the Kwajalein Range Services team — including KRS, Bechtel, Chugach and AirScan — will get a boost in their benefits package, thanks to a contract modification providing for matching 401Ks, according to Carmen Spencer, KRS president.

"This improves our ability to retain and recruit exceptionally qualified employees," Spencer said.

The measure takes effect during the first pay period of October for all off-island contract holders, and allows the employees to set aside up to 10 percent of their income into a 401k account. The company, in turn, will match the savings at half

(See COLONEL, page 5)

Editorial

Take me out to the online ballgame

I love baseball. Or, I will learn to love baseball if I can stay with the *Hourglass*.

You see, the *Hourglass* ace, Jim Bennett, is back on island. Here is my opportunity to impress him with my stealth as a roving reporter, my writing style, which usually gets worked over by Karen until I sound intelligent, and my patience, which I learned from Dan, the graphics man. Here is my chance, to win the boss man over so I can come back to work.

In order to do that, I have to impress him. So, how do you impress someone like Jim Bennett, who has never come across a buffet he didn't like? **(Editor's note: Yes, he did, once in 1997 at Mick Hoehenweis' All-Mexican-Chinese Eatery in**



Pascagoula, Miss.)

Write a column about baseball. And that is exactly what I'm doing right now. I can hear the Bronx cheer already, and yes I will admit it, I don't know anything about baseball. How could I have missed the lesson about America's favorite past time? Or did I just confuse it with lacrosse? The American public school system is surely lacking in its foundation; how else could I have missed that lesson?

So, I've taken it upon myself to learn about baseball, because I love Kwajalein and my job, a lot. Using *www.google.com*, which usually has the answers to all of my problems, I find and click on the Web site of choice and Web Sense comes up, to tell me that this Web site falls under "entertainment" and should not be used during business hours.

What do I do? Do I call over to IT and tell them that visiting baseball Web sites during working hours is a perfectly valid endeavor? Should I call Washington, D.C. and let them know that I will not allow any-

one to define what is or is not entertainment for me?

I do neither of these. Jim Bennett, the ace, is on island, and I have to learn about baseball.

I go to Karen and Jim, and I tell them of this dilemma. What am I supposed to do? Once they explain the work-related policy to me, it's all OK. This is definitely work related. I would bet my paycheck on it; umm, never mind that.

Then Jim Bennett walks by my desk and points out that ESPN has the best Web site for baseball. I automatically go there. It's so colorful, so vibrant and full of life. Who knew baseball was so energetic? What was I missing?

I start reading up on the history, and I realize that there is no way that I am going to be able to explain all that I now know about baseball in less than 500 words. It's just not physically or mentally possible. But I've got to make this a dinger (home run) of an article. So, for any of you confused souls, let me tell you a little bit about baseball, some other time.

I have to go figure out my ERA, earned run average, my SLG, slugging percentage, and my Ks, strikeouts. Once I have those in balance, I would love to chat with you about America's favorite past time.

If you write it, they will talk.

(Editor's Note: We're definitely talking ... severance packages.)

Letters to the Editor

Keep letters 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

Marshallese Word of the Day

iolap — middle

The Kwajalein Hourglass

Commanding Officer.....Col. Jerry Brown
Public Affairs Officer.....LuAnne Fantasia
Editor.....Jim Bennett
Associate Editor..... KW Hillis
Graphics DesignerDan Adler
ReporterApril Brown

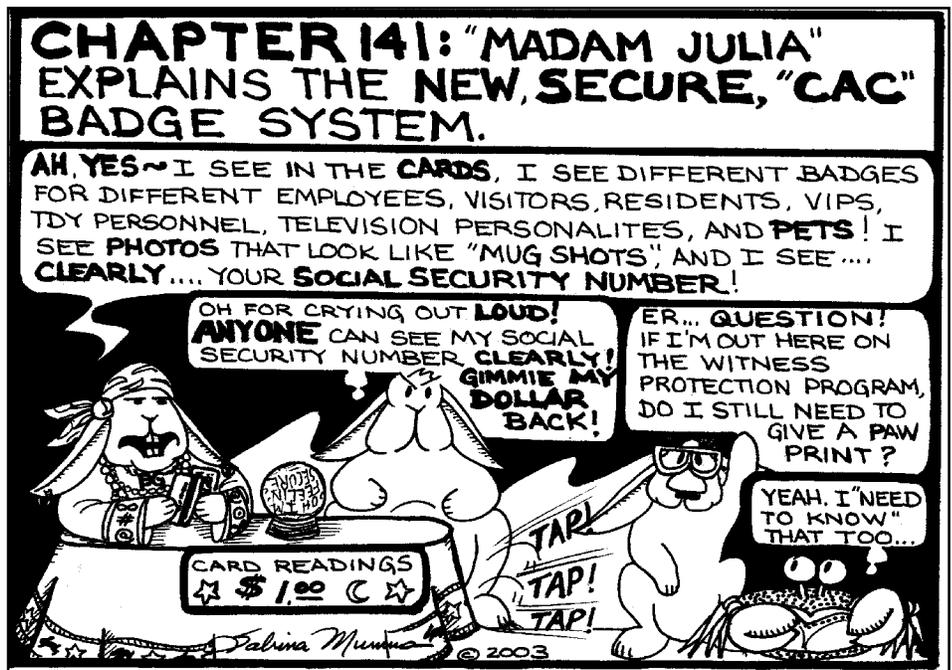
The *Hourglass* is named for the insignia of the U.S. Army 7th Infantry Division, which liberated the island from the forces of Imperial Japan on Feb 4, 1944.

The Kwajalein *Hourglass* is an authorized publication for military personnel, federal employees, contractor workers and their families assigned to USAKA. Contents of the *Hourglass* are not necessarily official views of, or endorsed by, the U.S. Government, Department of Defense, Department of the Army or USAKA. It is published Tuesdays and Fridays in accordance with Army Regulation 360-1 and using a network printer by Kwajalein Range Services editorial staff, P.O. Box 23, APO AP 96555.

Phone: Autovon 254-3539; local 53539.
Printed circulation: 2,000

Buckminster and Friends

By Sabrina Mumma



Macy's manager sets eager tone

By April Brown
Reporter

If managing a retail store like Macy's requires an eagerness to please and a willingness to work with people, Kwajalein residents will find that with Clara Heckman, the new Macy's manager.

"It's really exciting to work directly with the customers now, and find out what they want and try and get it for them," she said.

Heckman, a Washington state native, spent the past 14 years as vice president of a formal wear company based out of Washington with 10 stores in three states. Used to working behind the scenes, she looks forward to a more hands-on approach to her work.

"This is a great opportunity to work with the upper management that wants to make changes," she said.

Retail can be fun, she said, and Heckman wants to make that idea a reality. For example, she, along with the Macy's staff, plans on organizing a fashion show to display the wares available at Macy's.

"It's more of an entertainment event, and you can have a lot of fun with it," she said.

Heckman arrived on island June 15, two weeks after her husband, Les Bunch, an engineer with Chugach.

A Trend Business College graduate, Heckman was eager to transition to island life with her husband. The two, previously residents of Kennewick, Wash., learned of Kwajalein through friends and were interested immediately.

"We thought this would be a great opportunity," she said. "Our youngest daughter is 11 and we thought this would be an educational opportunity for her."

The Heckman's oldest two sons are both in college and plan on visiting at the earliest opportunity. Jared, 20, attends Central Piedmont in North



Clara Heckman

"It's really exciting to work directly with the customers now, and find out what they want and try and get it for them."

— Clara Heckman
Macy's manager

Carolina while Bryson, 22, attends Palmer Chiropractic in San Jose, N.M.

Their daughters Brandi, 17, and Stephanie, 11, are stateside visiting family before coming to Kwajalein.

The Heckman's transition to island life has gone smoothly, she said.

"I love it; I love the people," Heckman said. "It's so nice to get on your bike and ride to and from work and say hi to everybody."

The friendly atmosphere on island isn't the only appealing aspect for them.

"My husband has always loved scuba diving," she said. "With the history of the islands, it's amazing to be in the lagoon surrounded by all of that history."

They are also interested in fishing and jet skiing, and Heckman received a new set of golf clubs from her husband.

"He thinks I'm going to learn how to play," she said with a smile.

She also has enjoyed not having a television in the house since their baggage hasn't arrived yet.

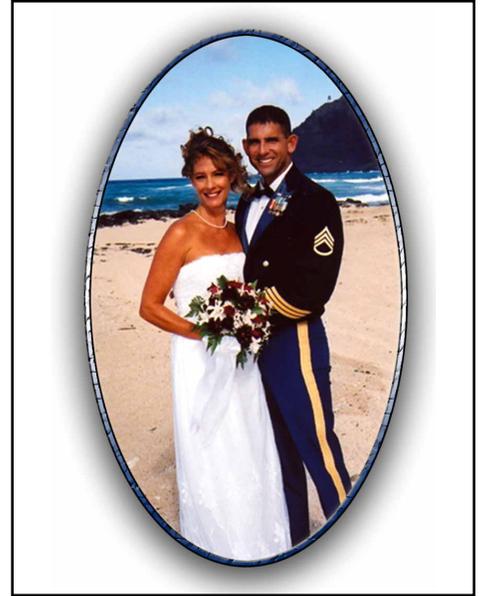
"I've read so many books," she said. "A neighbor lent us a TV for a week, and we only turned it on once."

The benefits of island life, like five-digit phone numbers and groceries delivered to the house, far outweigh any adjustments she has made, Heckman said.

"I know its bad, but I was never a big recycler," she said with a smile. "Now I have separate bags for everything."

Heckman already has made a few trips to Ebeye and is excited about future visits to other islands.

"We're really loving the experience of learning the culture and the history," she said. "I enjoy working with new people and they've all taken such good care of me."



Southwell — Guidi

Connie S. Southwell and Staff Sgt. **Robert S. Guidi** were married on July 10, 2003, in a private ceremony performed by the Rev. K.C. Russ on Makapu'u Beach in Oahu, Hawaii.

The two honored guests in attendance were Gen. David Bramlett (ret.) and Mrs. Judi Bramlett.

A dinner at Aaron's, atop the Ala Moana Hotel, followed the ceremony.

The bride is the contractor graphic specialist for USAKA/RTS, employed by SAIC, and the groom is a staff sergeant in the 1-184 Infantry (Air Assault) California Army National Guard as well as a firefighter/EMT on Roi-Namur.

Kimij karakik tok kom

Kimij karakik tok kom is the Marshallese way to say "Welcome"; literally, it means, "We make you no longer strangers."

Les Jones, the new USAKA/RTS Deputy Garrison commander, and his wife **Elaine** recently arrived from Huntsville, Al., where he worked at the Kwajalein Support Directorate.

This is the Jones' fourth tour at USAKA. Previously, the couple was on Kwajalein 1977-1979, 1993-1995 and 1997-1999.

"It's great to be back," he said. "We're very excited about seeing our friends and making new ones."

Wesley A. Blacketer comes to Kwajalein from Fort Irwin, Calif. He is a USAKA general engineer. He is joined by his wife, **Linda**, and daughter, **Rachael**.

NASA ionospheric studies to light up sky ...

(From page 1)

Hickman, NASA campaign manager, who was here for the 1990 tests. After a peer review, the best investigations are selected.

"We will have four investigations this time," Hickman said. Two of the experiments are from Cornell, one from Clemson and the other from the NASA-Goddard Space Center. All four are designed to study energy disturbances in the upper atmosphere around the magnetic equator.

There are two regions in the earth's upper atmosphere which contain a lot of energy — one is the polar region, the other, the equator, said Dr. Miguel R. Larsen, EQUIS II Campaign scientist.

"[At the equator] the earth's magnetic field has a focusing effect so it actually produces some very strong electrical currents and some other disturbances," he said.

The four investigations — E-region gravity wave electrodynamics; Bottomside F-region electrodynamics, mesospheric scattering processes and nighttime electrojet electrodynamics — will provide research data that can be used in scientific efforts well into the future and also some practical applications right now, Larsen said.

Although not visible to the eye, these disturbances can be seen by powerful, sensitive radars like ALTAIR, he said. The disturbances, which when seen by radar produce characteristic plumes called Spread-F, is what the scientists will research along with the electrojet, a strong current which occurs near the magnetic equator.

"We want to study the phenomenon and try to understand it," Larsen said. "ALTAIR, for example, they are very aware of this because for them it is interference. So when they are tracking re-entry vehicles, it actually creates a problem."

The Spread-F carried along by the electrojet structure can disrupt more than ALTAIR.

"In addition to interrupting ALTAIR-type measurements, there are more down to earth consequences as well," said Dr. David Hysell, Principal investigator for Spread-F experiments. "[It can] affect things like the Global Positioning System or GPS. We all rely

upon that whether we're hiking in the mountains ... or in an aircraft. So there are grave consequences as well as consequences to recreation.

"A variety of communication and navigation systems, particularly those that involve ground to satellite links ... [experience] either separate errors or they fail altogether when this thing called Spread-F phenomena occurs," he said.

Although impossible to change the phenomena, the scientists hope the upcoming tests will help find a pattern in the phenomena and could predict when it would happen, Hysell said.

"This whole topic falls under the area that has been termed Space Weather recently," he said. "Our community is borrowing a lot of the terminology and also the tools from the meteorological community. We're looking at things that affect people, but not quite so directly or obviously as terrestrial weather.

Some of the 14 rockets launched next year will release clouds of chemicals, either trimethyl aluminum tracer or samarium about 60 miles above the earth's surface while other rockets launched at the same time will carry sensors.

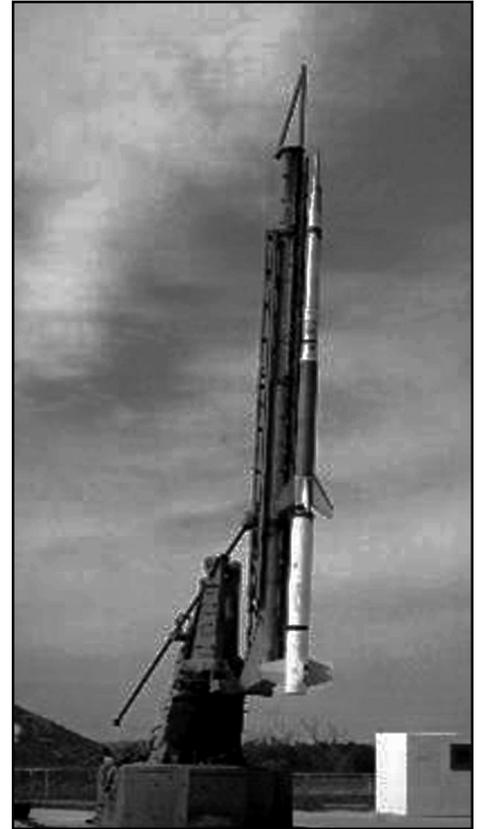
"There will be quite a light show and if you are prepared for it, it will be something you can enjoy," Hysell said. "If you are not prepared for it, it may cause some concerns."

The tracer will be visible over a 300-mile area for five to 30 minutes, Larsen said.

A concerted effort to broadcast information about the launches and the resulting light show will be made before the tests are started, Hickman said.

The tracer, which breaks down into harmless components, such as aluminum oxide, carbon dioxide and water vapor, will show the electrojet structure, he said. Samarium, which also breaks down into harmless components, produces a temporary communication ionization mirror.

"[The tracer] will tell you how the atmosphere is moving," Larsen said. "It is a wind measurement 60 miles above the earth's surface. There isn't much atmosphere so it is difficult to measure the wind. This is one of the few techniques that you can use to do



(Photo courtesy of NASA)

Dr. David Hysell's Spread-F tests will consist of four chemical tracer payloads on board two-stage Terrier Orion rockets and two instrumented payloads on the two-stage Terrier Malemute rockets, above.

that."

The following rocket will measure other conditions such as electric fields and ionization, he added.

The sounding rocket campaign next year is just a small portion of the data stream about the ionosphere received every day.

"Spacecraft in orbit are providing data continuously," Hysell said. "There are ground-based instruments providing data continuously. Occasionally these continuous efforts are punctuated by ... rocket investigation that take place every few years and only a fraction of those take place at the equator.

Hickman, Larsen, Hysell and Project Environmental engineer Sheri Silbert visited the range last week to discuss issues and plan logistics for an influx of up to 50 scientists and engineers, according to Hickman.

(See STUDY, page 5)

Weather staff waits for contract news ...

(From page 1)

Aeromet won a re-competition for the local weather station contract in October securing a cost-plus, fixed-fee contract for meteorological support services valued at \$31.1 million over a 10-year period.

At the time, Aeromet qualified under the small, minority-owned business classification. But with the L-3 Corporation buy-out, Aeromet no longer qualified for small, minority-owned business, or 8a, status, Fair said.

Aeromet officials applied for a waiver to continue the USAKA contract but SMDC officials denied the request, Fair said.

Besides mission-based meteorological support, the station offers the community local weather information, as well as conducts specific scientific studies such as a NASA rainfall measurement program, for example.

One company, 3-D Research Corporation, of Huntsville, Ala., has expressed an interest in the contract, according to Fair.

3-D Research Corporation is an 8a

company described as an "engineering firm specializing in test and evaluation of missile and space systems. Also included are modeling/simulation range safety, debris analysis, survivability, logistics and system safety," according to the Huntsville Chamber of Commerce.

What will come of that interest is still unknown, he added.

In the meantime, Fair said the site's 10 meteorologists and six support personnel are simply sifting through the rumors and waiting to find out what will happen next.

"It's difficult to tell people what's true or not with no official word," Fair said.

But with the cost of hiring new degreed meteorologists and experienced support personnel, Fair said he felt like a majority of employees could roll over to the next contractor, whoever that might be, as in the recent transition from Raytheon Range Systems Engineering to Kwajalein Range Services.

"I have a high confidence level that the people will be taken care of," Fair added.

Study might offer students opportunity ...

(From page 4)

The tests are a major opportunity for the scientific community, Hickman said. Graduate students, including Hysell, who was involved in EQUIS I as a graduate student in 1990, have a chance to be part of these tests. Both Larsen, a physics professor at Clemson, and Hysell, an electrical engineering professor at Cornell, plans to bring some of their graduate students out here next year.

This may also be an educational opportunity for Kwajalein students, Hickman said.

"Outreach with schools is part of our

charter for NASA," he said. Lectures and tours were some of the ideas that may be offered to Kwajalein students during NASA's visit next year.

"We're really excited about coming out here and working with you," Hickman said. "All the range people have already given us outstanding support."

The range is looking forward to the EQUIS II missions.

"The mission statement of the range is to support scientific things like this," Hoskins said. "This certainly has the potential to help us better schedule missions to avoid interference."

Nine coalition troops wounded in action ...

(From page 4)

shoes and discarded equipment, as well as expended ammunition and rocket-propelled grenade casings, Davis said.

These follow-on patrols led to another limited engagement with five enemy fighters July 20. "The special operations forces pursued the enemy, who broke contact," Davis said. Afghan government forces operating in

the area discovered a large weapons cache and detained five people.

Nine coalition troops have been injured in separate incidents over the past several days. July 20, four Italian service members from Task Force Nibbio were injured when their vehicle ran into a ditch because of an "improvised explosive device" in the road about 20 kilometers southeast of Gardez.

Colonel: 401K plan reflects 'can do' attitude ...

(From page 1)

the percentage up to 4 percent, a number based on an industry-wide standard, Spencer said.

For example, an employee making \$50,000 a year could put up to \$5,000 a year into the account, deducted in installments throughout the year from his or her paycheck. The company would put another 4 percent, or \$2,000 total, into the account.

The same employee may elect to put less into the account, say \$2,000 a year, for example, or four percent, and the company would match that at half the rate, or two percent, i.e. \$1,000.

Exceeding industry standards, however, employees are immediately vested in the program, meaning they earn and keep the benefit upon enrollment, rather than three to five years, which is the industry standard.

The company will allow qualified employees to enroll in the program around that time, Spencer said.

Spencer said he worked with Col. Jerry Brown, USAKA commander, to develop the benefit increase while finalizing the contract.

"It took the team to make it happen," Spencer said.

Added Brown, "I'm impressed with the quality of the USAKA workforce and believe it deserves the best benefits package the market will bear."

Brown said he was impressed with the KRS benefit plan, but felt it would be more competitive if it included a 401K plan. After discussing his concerns with the KRS leadership, he felt confident they would find a way to address those concerns.

"I'm not surprised," Brown added. "The KRS team has shown a 'can-do' attitude in every endeavor since they arrived on-island, and for their leadership to come up with a solution to the 401K is nothing less than I would have expected."

Ronald Reagan Ballistic Missile Defense Test Site

Change of Command



Lt. Col.

Clarence E. Johnson



Lt. Col.

Anne R. Daugherty

The Commanding Officer, U.S. Army Kwajalein Atoll, requests the pleasure of your company at the Ronald Reagan Ballistic Missile Defense Test Site Change of Command Thursday, July 24, 2003 at which time Lieutenant Colonel Clarence E. Johnson relinquishes command to Lieutenant Colonel Anne R. Daugherty at 9 a.m. in the Island Memorial Chapel. Reception follows at the Religious Education Center. Military: Battle dress uniform Civilian: Casual

HELP WANTED

KRS has the following on-island job openings. Unless otherwise noted, call Alan Taylor, 55154.

TRANSLATOR. Full time. Provide supply training to supply personnel. Assist the supply management and standardization training coordinator in conducting formal class training sessions, as well as informal one-on-one sessions with targeted supply personnel. Translate English to Marshallese both orally and in writing of training materials. Provide translation of material taught in classrooms for supply personnel who desire such during formal sessions, as well as other duties.

HOUSING SPECIALIST. Full time. Individual must be able to communicate and deal with public daily. Must be proficient with computer and organiza-

tional skills. Experience with FoxPro database a plus.

RIGGER, Marine Dept. Full time. Must be able to pass written and physical exams to operate heavy equipment. Math skills required to learn how to operate crane, forklifts and other types of heavy equipment. Majority of work is on Kwajalein but intra-atoll outer island support may be required. Candidate must know basic safety standards.

WANTED

HOUSE TO sit for responsible ex-Kwaj residents Sept. 7-17. Call Steve or Song, 51622.

LOST

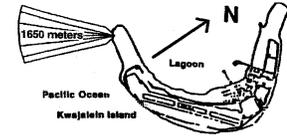
GOLD WEDDING BAND. Call 51704.

PALM PDA. Call Eric, 52935.

Small Arms Range Notice

The Small Arms Range is in operation tomorrow 8 a.m.- noon.

Avoid the hazard area shown below. All watercraft observe the red flags at the southwest end of the island.



FOUND

SHIN GUARD for soccer, outside of Hobby Shop. Call 51700.

FOR SALE

AQUA LUNG scuba gear, \$750 for full set. Call 51559.

SONY STEREO system, 160-watt, 51-CD storage, \$150; Sharp VHS recorder/player, \$40; VHS tape rewinder, \$5; Toshiba 51" TV, \$900; PC with 17" monitor, printer and desk, \$400. Call 53698 or 51328W.

PORTABLE DISHWASHER with butcher block, excellent condition, \$150; Burley stroller, \$150. Call 52276.

TOSHIBA five-disc DVD player, less than two months old, plays DVDs, CDs, CD-R, CD-RW and MP3s, original box, remote and manual, \$150. Call 53966W or 53396H.

MAYTAG JETCLEAN portable dishwasher with butcher block top and connecting hardware, good condition, \$90. Call 52742, after 5 p.m. or leave a message.

29" TV, \$220; VCR, \$50; karaoke machine, \$30; fax machine, \$50. Call 59804, after 5 p.m. or leave a message.

HP PRINTER 990 CXI, \$150; 17" Sony monitor, \$75; Yamaha speakers, \$50; Miracle piano, \$50; Kestrel road bike, \$800; plants; new Maui Jim sunglasses,

Clothing sale and clearance at Macy's and Gimbel's

All clothing **10% off**
All clearance clothing **50% off**

Includes shoes, hats and accessories

In a continued effort to provide our customers with a selection of nutritious salads and entrees, KRS Food Services at Café Pacific and Café Roi will provide a weekly menu with daily lite heart healthy selections at each facility. Your opinions and your suggestions are critical to our goal of customer satisfaction. We ask you to give us your opinions on the customer comment cards provided. Menus are subject to change due to availability.

\$75. Call 54630, after 5 p.m.

WINDOW SHADES for new housing including sliding glass door, neutral colors, \$200 for all; 12' x 18' patio cover, \$150. Call 58672 and leave a message.

MULTI-PURPOSE hardwood hobby table, 36" long, 17" deep and 34" high, butcher block design with two press vises, Swiss-made carving tools and accessories, swivel adjustable stool, beautiful table, possibly maple, in excellent condition, \$150; two JBL spearguns and accessories. Call 52642.

CARPET, blue, great condition, sized to fit trailer living room. Call 52324.

FUTON COUCH with tan print mattress cover, \$150. Call Ken or Jude, 54176.

1993 BAYLINER 2352 Trophy walkaround cuddy cabin with Mercruiser 265 hp I/O, Yamaha 9.9 hp four-stroke kicker, EZ Loader trailer, complete package includes boathouse with attached shed, full-size chest freezer, excellent condition, at boat lot #83, \$39,000. Call Bunny, 53518, before 4:30 p.m. or 52243, after 5 p.m.

COMMUNITY NOTICES

TWO AIR FORCE recruiters are on island through Friday. Call TSgt. Solomon at Kwaj Lodge, 53477. Questions? Call 54848.

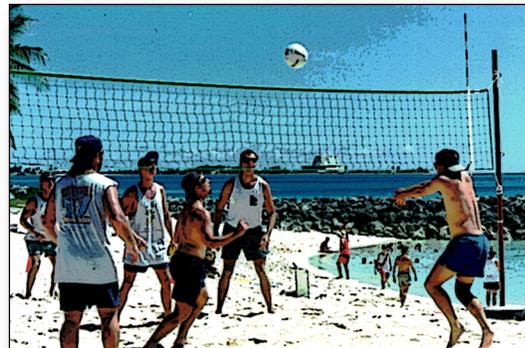
Families and friends on Kwajalein and Ebeye are invited to the Camp Adventure Dessertfest showcasing the talents of Kwajalein and Ebeye youth, Friday, July 25, 6 p.m., in the MP room. This event takes the place of "Parents Presents" Saturday, July 26.

FAMILY AND ADULT pools are closed for cleaning of salt water intake pipes Tuesday, July 29-Aug. 3. Questions? Call 52847.

BE A BASKETBALL official. Experience a plu. If not, attend the officiating clinic Thursday, 6:30 p.m., in CRC gym, to learn the rules of the game. Clinic must be attended to be considered for the position. Earn some extra money and have fun too. Questions? Call Kaya, 53331.

BE A BASKETBALL scorekeeper. No experience needed. Attend the scorekeepers' clinic Thursday, 5:30 p.m., in CRC gym, to learn the basics of keeping the scorebook and scoreboard. The clinic must be attended to be considered for the position. Earn some extra money and have fun too. Questions? Call Kaya, 53331.

BEACH VOLLEYBALL



IT'S BEACH VOLLEYBALL TIME!

REGISTER FOR THE "KING OF THE BEACH" TOURNAMENT AT EMON BEACH AUG. 4. INDIVIDUAL REGISTRATION. \$5 FEE. PRIZES AWARDED! DEADLINE TO REGISTER AT COMMUNITY ACTIVITIES IS NOON, AUG. 1. QUESTIONS? CALL KAYA, 53331.



SOAR

Let Your creativity

Bring a catchy name for the flying club to the next meeting Tuesday, July 29, 6 p.m., in Building 735 conference room. Questions? Call Lauri, 58414 or 52456.

See you at the movies!

Note: The Richardson Theater is closed due to technical difficulties.

Wednesday

Tears of the Sun (2003, R) A commando team tries to save an American doctor trapped in a war zone, only to begin a mass rescue of refugees. (Bruce Willis) Adult Recreation Center, 7 p.m.

Friday

How to Lose a Guy in 10 Days (2003, PG-13) A female journalist attempts to win the heart of a man, then drive him away, while the man tries to woo the woman for his own business reasons. (Kate Hudson, Matthew McConaughey) Yokwe Yuk Theater, 7:30 p.m.

Saturday

The Hours (2002, R) Three women, separated by time, but linked to a single novel, struggle with suicidal issues. Yokwe Yuk Theater, 7:30 p.m.

Jungle Book 2 (2003, PG) Mowgli, the "man-cub," returns to the jungle only to learn that jungle life isn't all carefree. Roi-Namur, C Building, 7 p.m.

Sunday

Gangs of New York (2002, R) Irish immigrants and "native Americans" fight in a 19th Century New York neighborhood. Yokwe Yuk Theater, 7:30 p.m.

Frida (2002, R) The movie recounts the tubulent life of Mexican artist Frida Kahol. (Salma Hayek) Roi-Namur, C Building, 7 p.m.

Monday

The Hours (2002, R) Yokwe Yuk Theater, 7:30 p.m.

Tuesday

Phone Booth (2002, PG-13) A man is trapped in a phone booth by a sniper. Yokwe Yuk Theater, 7:30 p.m.

Five soldiers killed, six injured in Iraq

By Kathleen T. Rhem
American Forces Press Service

WASHINGTON - Several attacks and an accident in Iraq over the past three days have left five American soldiers dead and another six hurt.

An attack in Baghdad today killed one soldier from the 1st Armored Division and wounded three others at roughly 10:30 a.m. local time. The attack also killed an Iraqi interpreter working with the coalition. A U.S. Central Command news release said the troops were in a vehicle that hit an "improvised explosive device" in the As Sulaykh district. The soldiers then came under small-arms fire.

A day earlier, two 101st Airborne Division soldiers were killed and a third injured in Tal Afar when their unit was attacked with small arms and rocket-propelled grenades. They were taken to an Army hospital, where two died of their wounds.

Pentagon officials have identified

the soldiers who died as Sgt. Justin W. Garvey, 23, of Townsend, Mass., and Sgt. Jason D. Jordan, 24, of Elba, Ala. Both were assigned to Headquarters and Headquarters Company, 1st Battalion, 187th Infantry Regiment, deployed from Fort Campbell, Ky.

A vehicle accident near Baghdad International Airport July 20 killed one soldier and injured two others, CENTCOM officials said, but did not release their unit name.

Yet another attack with RPGs and small arms killed Army 2nd Lt. Jonathan D. Rozier, 25, of Katy, Texas, at roughly 1:30 a.m. local time July 19. CENTCOM officials said in a release that day that he had been providing "fixed-site security" at a bank when his unit came under attack. Rozier was assigned to Company B, 2nd Battalion, 70th Armor Regiment, of the 1st Armored Division, deployed from Fort Riley, Kan.

Troops engage enemy in Afghanistan

By Kathleen T. Rhem
American Forces Press Service

WASHINGTON - American special operations forces killed roughly two dozen enemy forces after being attacked in Afghanistan July 19. While, elsewhere, nine coalition troops have been wounded in recent days.

In a statement out of Bagram this morning, Coalition Joint Task Force 180 spokesman Army Col. Rodney Davis described the fight. The engagement started when an "unknown-sized element" of enemy forces attacked a two-vehicle American convoy near the firebase at Spin Boldak, he said.

"The coalition forces drove through the 'kill zone', requested close-air support and engaged the enemy forces, killing approximately five enemy and pursuing the remaining forces into the surrounding hills," Davis said. "AH-64 Apaches (helicopters) provided air support making several passes on the hill, killing 17-19 more (enemy forces)."

No coalition troops were killed or wounded. Operations in the region continued, officials reported. Follow-up patrols found "indicators of wounded enemy," including clothing,

(See NINE, page 5)

WEATHER
Courtesy of Aeromet

Tonight: Partly cloudy with isolated showers.

Winds: East-north-east at 10-16 knots, with higher gusts near showers.

Tomorrow: Partly sunny with widely scattered showers late.

Winds: East-northeast to east-southeast at 8-16 knots, with gusts near showers.

Temperature: Tonight's low 79°
Tomorrow's high 88°

July rain total: 5.88"

Annual rain total: 42.37"

Annual deviation: -2.35"

Call 54700 for continuously updated forecasts and sea conditions.

 **Sun • Moon • Tides** 

	Sunrise/set	Moonrise/set	High Tide	Low Tide
Tuesday July 22	0639/1912	0047/1321	1000, 3.8' 2300, 4.0'	0400, 2.3' 1620, 2.1'
Wednesday July 23	0639/1912	0125/1406	1120, 3.5'	0530, 2.4' 1730, 2.2'
Thursday July 24	0639/1912	0206/1454	0020, 4.1' 1250, 3.5'	0700, 2.3' 1850, 2.1'
Friday July 25	0639/1912	0249/1544	0130, 4.3' 1400, 3.6'	0810, 2.0' 1950, 2.0'