

THE KWAJALEIN HOURGLASS

Volume 42, Number 57

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

RTS celebrates successful NFL season, KMAR

By Peter Rejcek
Associate Editor

Ted Williams, one of the greatest baseball players of all time, was the last slugger to hit over .400 for a season. And not even he could do it twice in a row, let alone three times.

Now imagine a perfect batting average for three straight seasons. That was the analogy offered by Lt. Col. Clarence Johnson, RTS commander, during a celebration of range success stories Saturday afternoon at the Roi-Namur Scuba Shack.

At the top of the list was the recognition of yet another year of 100 percent track of NFLs, or new foreign launches, the third in a row. That means for fiscal year 2001, which ended Sept. 30, the range successfully tracked all 23 NFLs it had to catalog.

"I am still amazed anybody can do anything 100 percent," Johnson told a gathering of engineers and space surveillance and support personnel.

NFLs are typically satellites,
(See RANGE, page 4)



(Photo by Larry Allen)

Two Minuteman III reentry vehicles, as seen from Gagan, streak across the Kwajalein night sky Wednesday for GT-177. Range officials said the operation was nominal.

Clouds part just in time for operation

By Peter Rejcek
Associate Editor

The heavens opened up just in time to welcome two reentry vehicles to Kwajalein Atoll Wednesday night.

One Minuteman III RV splashed down outside the east reef and one landed

outside the west reef, according to Maj. Steve Pierce, ICBM test director.

"It was picture perfect and the optics we received was great," Pierce said. "The clouds moved aside just long enough for a great visual."

(See MINUTEMAN, page 3)

A group of parade participants in traditional dress march in celebration of the 23rd anniversary of Kiribati independence.



(Photo by Carol Sword)

U.S.-Kwaj delegation attends independence celebration for Kiribati

By Carol Sword
Contributing Writer

TARAWA ATOLL, REPUBLIC OF KIRIBATI — The Republic of Kiribati celebrated its 23rd Independence Day anniversary last Friday, and a delegation from the Republic of the Marshall Islands joined in the festivities, which were held at Tarawa, the capital.

Maj. David Coffey, chief of the USAKA Host Nation office, repre-

(See ISLAND, page 5)

I'll race you to the finish line ... in my next life

I believe in past lives and next lives ... and angels. There, I said it. I also believe that I was an athlete in a past life. I'm not in this one.

Two years ago, when I told my two grown sons that I was moving to an island, Steve said, "Why Ma? You almost drowned in the shower that time, remember?"

And Tony said, "Mom, that's an outdoor jock kind of a lifestyle. You still have a 'D' in bowling in college." (I hate their selective memory.)

Robert Parish used to play for the Boston Celtics before moving to the Charlotte Hornets. I was a fan. He is my age, and several years ago, when that fact struck me hard, I thought if he can still play professional basketball at 42, surely I could do *something*.

So, I decided I was going to be a master runner. Right. I lived on Fort Sam Houston (Texas) then. I'm out running one morning when an MP cruiser pulls up beside me and the child cop inside told me I would have to "move out of the AO for OPSEC purposes." I didn't know what the heck all of that meant, but I did tell him, "Excuse me young man, but I *am* moving."

One September I rode my bike from San Antonio to Corpus Cristi, for the Multiple Sclerosis 150. It took me two days and an entire box of Nicorette gum,



but I finished. It crippled me, though. I couldn't squeeze a tube of toothpaste with my left hand again until Christmas but at least I didn't turn back midpoint like Barbie. She was the gal who showed up at registration with legs from here to there, who made the rest of us females look like the Boston Bruins.

I told you about the time I went downhill skiing in New Hampshire, ended up on crutches, gained 16 pounds and had to enroll in Weight Watchers. On the bright side, I learned to substitute sour cream and butter with plain yogurt and curry powder on my baked potato. Yum. There's an epiphany.

I was hopeless at golf. My son was sweet about it though. He gave me a quick lesson in Golf Cart Driving 101 and I had a blast driving around while he walked and played 18 holes. This came in handy once I moved to Kwajalein, and I did thank him.

Snorkeling is fun. My friend Debo came over with some photos the other night. We're looking through them, reminiscing about the day at the beach. There's this photo of about 150 pounds in a bright yellow, full-body floatation device coming up out of the lagoon. I said, "What's that?" It was me ... and it was scary.

I did find something I'm good at.

Some friends invited me out sailing on Mother's Day. My job was to provide ballast for the boat. Webster's defines ballast as heavy material put into the hold of a ship or the gondola of a balloon to enhance stability ... other words, dead weight. My job was to "sit there, LuAnne, and move to the other side when we jib." Again, on the bright side, I learned two new words that day; ballast and jib, not that I'll ever need them.

I did win a trophy once for race-walking. I was the only one in my age group though. Does that still count? My brother and sister could run out on the field or the basketball court and come back to the bench with a sweater, a letter and a trophy. But they never got the hang of a hoola-hoop and neither of them can still touch their hands flat on the floor without bending their knees. Which I can, and which will come in handy in my next life as a chimpanzee.

The Kwajalein Hourglass
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MDA spokesman defends need for secrecy

(Editor's Note: This letter to the editor from Lt. Col. Rick Lehner, Missile Defense Agency, originally printed in the Cincinnati Post, July 9, is reprinted by permission of MDA.)

Your recent editorial on missile defense ("More Risky Secrets," June 14) took issue with our efforts to make the necessary transition to a "classified" program to protect information related to current and future missile defense tests.

The technology we're now developing is a military program, no different than a new tank or fighter aircraft. And, as with any military weapon system, a point is reached at the beginning of advanced testing that requires the protection of information about the specifics of that testing. This is now the case with tests involving long-range missile interceptor technology.

As we proceed with this advanced testing, the system's effectiveness and capabilities — especially during this develop-

ment phase — in dealing with different types of target warheads and decoys must be protected. Current and potential adversaries want this information, and should not be able to get it simply by picking up a copy of *The New York Times* or the *Cincinnati Post*. To do otherwise would be a dereliction of duty, and cause great harm to our national security.

Why in the world would we make it easier for potential adversaries to learn about how we deal with different targets and decoys, perhaps providing a shortcut to their own missile development efforts?

Despite your assertion to the contrary, the Missile Defense Agency continuously provides classified briefings for members of Congress, their staffs and independent analysts who have the required security clearances, and we will continue to do so.

But enemies of America want information about our missile defense technologies. We should not give it to them.

MDA plans rigorous countermeasures tests before 2004

By Kerry Gildea

Defense Daily

The Missile Defense Agency plans to test its Ground-based Midcourse Defense system against a variety of sophisticated decoys and countermeasures before and well after establishment of the 2004 GMD testbed capability, Air Force Lt. Gen. Ronald Kadish, director of the MDA, told House lawmakers this week.

MDA is proceeding with the development of an initial testbed capability, which will include a limited interceptor site at Fort Greely, Alaska, and a variety of upgrades to capabilities at Vandenberg Air Force Base, Calif., and the Reagan Test Site at Kwajalein Atoll, as well as the addition of radar capabilities.

Under testing plans, the GMD will test against more sophisticated decoys, radar jammers and tumbling reentry vehicle targets in upcoming tests, Kadish reported at a hearing of the House Government Reform Committee's panel on national security. Those test scenarios will take place before and well after the 2004 testbed capability is in place, Kadish noted. He declined to provide specifics on the tests.

Kadish came under fire from Democrats on the House panel who insisted MDA is rigging tests and sufficiently removing oversight from the missile defense program with its new acquisition approach.

But, several Republicans defended the cost and pace of missile defense program.

"The reality is that the threat is real," said Rep. Ed Schrock (R-Va.), who also is a member of the House Armed Services Committee. "Nothing worthwhile comes cheap ... the Chinese now have a missile that can get all the way to Atlanta. And, there is no evidence at all that DoD is doing away with oversight."

Kadish also explained that MDA recently decided to keep the details of its future countermeasures and decoys test work classified to keep sensitive technological data out of the hands of potential enemies. Kadish and Thomas Christie, Pentagon director of Operational Test and Evaluation, assured the lawmakers Congress would be kept very well informed on all aspects of the program, particularly as the test envelopes become more challenging and the system matures.

"Testing of missile defenses will become significantly more complex, not just because we will be progressing from developmental to operational testing," Kadish told the panel. "In addition to the autonomous operation of the elements, testing must consider the integration of the entire system, and multiple potential system architectures have to be evaluated."

The planned expanded testing infrastructure, especially the testbed, will allow MDA to test portions of the operational envelope that could only be simulated before, Kadish added.

In addition, MDA has a plan in place to beef up its ground tests of the system, with some 15 significant ground tests slated to take place over the next six months.

"Over the past year in tests against long-range missile targets by the Ground-based Midcourse Defense, the intercept record is three for three, with the full record at four-for-six," Kadish said. "Early tests focused on technology development, demonstration and integration. Now, we are advancing, step-by-step, to be more operationally realistic in more demanding scenarios."

Kadish also reported MDA already has adapted some recommendations proposed by the General Accounting Office for reducing risk in the Airborne Laser program.

A Boeing-Lockheed Martin-TRW

team is developing ABL, which places a high-energy laser on a Boeing 747-400 aircraft for intercepting ballistic missiles in their boost phase. The modified ABL plane is a few weeks away from its first flight with the modifications necessary to house the laser. An ABL shutdown test against a target is slated for December 2004.

GAO has recommended MDA establish new decision points in the ABL program at which funding decisions would be made. At those decision points a "knowledge-based" decision should be made on how to proceed with the program, according to GAO's new report, "Missile Defense: Knowledge-Based Decision Making Needed to Reduce Risks in Developing Airborne Laser."

In successful development programs, decisions are made when the knowledge is available to support those decisions, GAO said.

"We examined the Airborne Laser's acquisition strategy and determined that it does not include decision points at which officials would use knowledge-based criteria to determine if the program is ready to move from technology development to system integration, system integration to system demonstration and system demonstration to production," GAO said.

Kadish told the panel that MDA's approach to ABL, as with all of its programs, is a new "capabilities approach" in which systems will mature and proceed through development stages only when they are ready.

"Our new procedures provide for more frequent and comprehensive review of the missile defense program," Kadish said. "We can respond more effectively to changing conditions and emerging events. Our current management procedures provide for more internal accountability and for decision making at a more rapid pace than we have had in the past."

Minuteman III RVs splash down Wednesday night without a hitch ...

(From page 1)

The Minuteman III was launched from Vandenberg Air Force Base, Calif., at 8:03 p.m. local time and impacted around 8:37 p.m. The ICBM operations involving the Minuteman and Peacekeeper missiles test the accuracy, reliability and subsystem evaluation of the system.

Wednesday's shot represented the last for Pierce, who PCSes tomorrow. His civilian counterpart, Charlie Kang, Instrumentation Control officer, credited Pierce with streamlining the ICBM operation and data collecting for the first time in 20 years.

"Under his leadership, we made a significant improvement on delivering test result data to the Air Force customers," said Kang, who takes over the program with Pierce's departure.

"We focus on the customers always," Kang added.

Range nears completion of KMAR objectives; TRADEX is next ...

(From page 1)

mainly launched by Russia and China, according to Herb Schmidt, IRE Space Surveillance leader.

The only other time the range scored 100 percent in tracking NFLs before the current streak was 1993. RTS has been actively tracking NFLs since 1983, Schmidt said. He credited the difference in performance of the past three years to a "very high system of readiness."

"We're really emphasizing planning, preparation, training and execution," he said.

Range readiness and availability has been consistently at 98 or 99 percent, according to Jeff DeLong, IRE Radar manager.

"That's almost unheard of in the space surveillance business," he said.

Schmidt said the feat is even more significant because it is the first year TRADEX was required to be "green" for NFL tracks. In fact, not only did the range track all launches, but it scored 100 percent on all 34 NFL events, which means it tracked, as required, each pass made by the foreign-launched object. ALTAIR recorded 22 of those tracks while TRADEX picked up another 12.

"The TRADEX people did a very excellent job," Schmidt said.

Saturday's party also recognized the way TRADEX stepped up to the plate over the last nine months, from Sept. 17 to June 20, while ALTAIR was offline at three different times during that period.

Over the last nine months, TRADEX has successfully tracked all 16 NFLs and 100 percent of the NFL events as well. The numbers are amazing, Schmidt said, because TRADEX does not possess the tracking capabilities of ALTAIR.

"At TRADEX you have to be more prepared," he explained.

In addition to NFL coverage, TRADEX performed more than 30,000 space surveillance tracks during the time that ALTAIR was unavailable. It was green and ready to go 98 percent of the time.

"It's on a level with ALTAIR," Schmidt

said of TRADEX.

Meanwhile, ALTAIR moved into the big leagues with fellow radars MMW and ALCOR by successfully proving its Initial Operation Capability for both reentry and space surveillance as part of the Kwajalein Modernization and Remoting project.

The last radar to be modernized is TRADEX, which will be completed next year, according to DeLong.

While there is still plenty to do on KMAR, the project is in its final stages. Johnson wasted little time before throwing down a new challenge to the range.

"KMAR was a success," he told the gathering. "It's done. Let's find something new."

The range may be hard pressed to match the magnitude of the effort. DeLong said the range had not tackled such a task since KREMS was created.

"It was monumental," he said. "We needed this. The range needed this."

Modernization not only included the radars, but telemetry and optics — every aspect of the range. Even the software for space surveillance was updated for the hardware that's duplicated at all four radars, though it will probably only be used at TRADEX and ALTAIR.

Engineers wrote about a million lines of code for the radars and another million lines just for space surveillance, DeLong noted.

"It was a big effort," he said.

The celebration of accomplishments of recent months did not include the heavy mission schedule that the range had to juggle at the same time, according to RSE Site Manager John Wallace.

"This is the most intense mission tempo in the history of Kwajalein," Wallace said.

DeLong said it was extremely tough going, particularly in a stretch that included 10 missions over three months.

"People were sleeping up here," he said.

But on the job they were always "green" and ready to go.

New books at Grace Sherwood Library



McNaughton Fiction

Summer in Tuscany

by Elizabeth Adler

Manhattan Monologues by

Louis Auchincloss

Air Ferrets Aloft by Richard Bach

The Man with the Red Tattoo:

A New Bond Adventure

by Raymond Benson

True to Form by Elizabeth Berg

The Emperor of Ocean Park

by Stephen L. Carter

Deadly Embrace by Jackie Collins

White Male Infant

by Barbara D'Amato

Chopping Spree

by Diane Mott Davidson

Regina's Song by David

and Leigh Eddings

Hard Eight by Janet Evanovich

Taste of Honey by Eileen Goudge

In This Mountain by Jan Karon

Freedom's Ransom

by Anne McCaffrey

The Beach House

by James Patterson

Empire Falls by Richard Russo

Girl From the South

by Joanna Trollope

McNaughton Nonfiction

Betrayal: The Crisis in the

Catholic Church by the

Investigative Staff

of the *Boston Globe*

Blinded by the Right:

The Conscience of

an Ex-Conservative

by David Brock

Eisenhower: A Soldier's Life by

Carlo D'Este

Hot Damn: Alligators in the

Casino, Nude Women in

the Grass, How Seashells

Changed the Course of

History and Other

Dispatches from Paradise

by James W. Hall

War Without End: Israelis,

Palestinians and the

Struggle for a Promised

Land by Anton LaGuardia

Will You Miss Me When I'm

Gone?: The Carter Family

and Their Legacy in

American Music

by Mark Zwonitzer

Island nation celebrates 23 years of independence ...

(From page 1)

senting the Commander-in-Chief of Pacific Command, and Maryanne Lane, USAKA Host Nation specialist, boarded a flight from Kwajalein July 11 to attend the celebration.

"Kiribati is part of the Pacific AOR (Area of Responsibility)," Coffey explained. "Our engagement strategy is to promote friendly relations in the region."

Last year CINCPAC allocated funds for the renovation of a school and the building of a multi-purpose facility to accommodate graduations and

the embassy attends the Independence Day celebrations," Senko said. "This will be my second time."

Representatives from the Ministry of Foreign Affairs were at the airport to greet the delegation upon its arrival at Tarawa. In the evening the group was invited to a dinner hosted by Kiribati Vice President Beniamina Tinga at the Otintaai Hotel.

"We value the good relationships with the U.S. and with our closest neighbor, the RMI," Tinga said.

Senko expressed his gratitude for the vice president's hospitality and

returned to the stadium to attend the Independence Day celebration. As each head of the diplomatic corps arrived, his national anthem was played. The sound of a conch shell heralded the arrival of Kiribati President Teburoro Tito and his wife, Keina. The president inspected the Guard of Honor and presented award medals to various recipients. He reminded the audience of the meaning of independence, which was granted by the British government to Kiribati in 1979. This year's theme was, "Our culture and efforts for better living."

"Our knowledge and skills would not be complete in the absence of our culture," Tito said. "I consider a knowledge or skill that is applied in the absence of culture as like a racing canoe without a rudder and wind."

After the awards ceremony, parade participants marched around the field past the president. Many of the groups consisted of students, and some were dressed in grass skirts and sarongs. A drama group entertained guests before the formal program ended.

A luncheon was hosted at the Australian High Commission for the U.S. ambassador and the chiefs of missions, which included Australia, New Zealand, United Kingdom and the People's Republic of China.

"The luncheon gave everyone an opportunity to discuss political and social developments and their assistance programs to Kiribati," Senko said.

In the evening a dinner was held at the State House. Tito and his wife greeted each of the guests. Roast pork, breadfruit and lobster were among the offerings at the buffet tables.

The delegation returned to Majuro and Kwajalein the following day, but the festivities continued. Independence Day is a weeklong celebration in Kiribati.

"This visit was very well run and much appreciated," Senko noted. "It helped us strengthen U.S. ties with Kiribati because we got to know each other on a personal level. The hospitality was excellent as always because the I-Kiribati are an open, warm and hospitable people."



(Photo by Carol Sword)

Flag bearers in the Guard of Honor proudly display their national colors as they march past Kiribati President Teburoro Tito during his country's 23rd Independence Day anniversary last week.

meetings at the Kiribati Teachers College. Local companies were contracted to do the construction and renovation of these buildings.

The flight made a brief stop in Majuro on its way to Tarawa to pick up RMI Sen. Litokwa Tomeing, who is speaker of the *Nitijela* (legislature), as well as U.S. Ambassador Michael J. Senko and his wife, Editha. Senko serves as the U.S. ambassador to both the RMI and Kiribati. Although he lives at the embassy in Majuro, he visits Tarawa periodically throughout the year.

"Every year a representative from

for his country's support for the war against terrorism. Tomeing also thanked him and noted that a new aircraft had been added to Air Kiribati's fleet.

"I welcome this opportunity to visit our neighbor," Tomeing said, "and I look forward to the operation of the new aircraft that will connect us with more flights between our countries."

After dinner the group went to an outdoor stadium where they watched Kiribati's second annual beauty pageant. The evening ended with a brilliant display of fireworks.

The following morning everyone

AFN KWAJALEIN

Tonight

Channel 9

- 5:00 Jeopardy
- 5:30 Headline News
- 6:00 **Bulletin Board**
- 6:30 The Cosby Show
- 7:00 Friends
- 7:30 Everybody Loves Raymond
- 8:00 Frasier
- 8:25 **Window on the Atoll**
- 8:35 Scrubs
- 9:00 ER
- 10:00 ESPNews
- 10:30 The Tonight Show with Jay Leno
- 11:30 The Late Show with David Letterman

Channel 13

- 5:00 The News with Brian Williams
- 6:00 The O'Reilly Factor
- 7:00 Nightline
- 7:30 Headline News
- 8:00 Tour de France
- 10:00 Primetime Thursday
- 11:00 Good Morning America

Saturday, July 20

Channel 9

- 12:30 ESPNews
- 1:00 Live by Request: Earth, Wind and Fire
- 3:00 The Jetsons
- 3:30 Leave it to Beaver
- 4:00 The Partridge Family
- 4:30 The Cosby Show
- 5:00 **Bulletin Board**
- 6:00 The Today Show
- 8:00 Teletubbies
- 8:30 Wheel of Fortune
- 9:00 Oprah Winfrey
- 10:00 Port Charles
- 10:25 Guiding Light
- 11:13 General Hospital
- 12n **Window on the Atoll/Bulletin Board**
- 12:30 Judge Judy
- 1:00 Frasier
- 1:30 Friends
- 2:00 Sesame Street
- 3:00 Arthur
- 3:30 The Proud Family
- 4:00 7th Heaven
- 5:00 Jeopardy!
- 5:30 Headline News
- 6:00 **Bulletin Board**
- 6:30 The Cosby Show
- 7:00 The Simpsons
- 7:30 Malcolm in the Middle
- 8:00 The Bachelor
- 9:00 Alias
- 10:00 ESPNews
- 10:30 The Tonight Show with Jay Leno
- 11:30 The Late Show with David Letterman

Channel 13

- 12m Good Morning America (contd.)
- 1:00 Headline News
- 1:30 Morning Business Report
- 2:00 Early Show
- 4:00 Golf: 131st British Open (2nd round)
- 10:00 Headline News
- 10:30 NBC Nightly News
- 11:00 ABC World News Tonight
- 11:30 CBS Evening News
- 12n Newshour with Jim Lehrer
- 1:00 Bowling
- 2:00 News Night with Aaron Brown

- 3:00 Connie Chung Tonight
- 3:30 Lou Dobbs Moneyline
- 4:00 Larry King Live
- 5:00 The News with Brian Williams
- 6:00 The O'Reilly Factor
- 7:00 Nightline
- 7:30 Nightline Close Up
- 8:00 Tour de France
- 10:00 CNN
- 11:00 Dateline NBC

Sunday, July 21

Channel 9

- 12:30 ESPNews
- 1:00 Anne of Green Gables (part 2)
- 3:00 The View
- 4:00 Rebecca's Garden
- 4:30 B. Smith with Style
- 5:00 **Bulletin Board**
- 6:00 ESPNews
- 6:30 NBC Nightly News
- 7:00 Dragon Tales
- 7:30 Dora, the Explorer
- 8:00 Mary Kate and Ashley in Action
- 8:30 The Fairly Odd Parents
- 9:00 Pokemon: The Johto
- 9:30 Lizzie McGuire
- 10:00 Robotica
- 11:00 Hometime
- 11:30 Motor Week
- 12n The View
- 1:00 The Simpsons
- 1:30 Malcolm in the Middle
- 2:00 Everybody Loves Raymond
- 2:30 Just Shoot Me
- 3:00 ER
- 4:00 Charlie's Angels
- 5:00 Mary Tyler Moore
- 5:30 Alfred Hitchcock
- 6:00 **Bulletin Board**
- 6:30 Animal Adventures
- 7:00 My Wife and Kids
- 7:30 King of Queens
- 8:00 Enterprise
- 9:00 Law and Order
- 10:00 **Window on the Atoll/Bulletin Board**
- 10:30 Saturday Night Live

Channel 13

- 12:00 Fox News
- 1:00 Golf: 131st British Open (3rd round)
- 6:30 A Week at the British Open
- 7:30 MSNBC
- 8:00 Fox News
- 10:00 Headline News
- 10:30 McLaughlin Group
- 11:00 MLB: White Sox/Orioles
- 2:00 ESPNews
- 3:00 Dateline International
- 4:00 Judith Regan Tonight
- 5:00 Larry King Weekend
- 6:00 The O'Reilly Factor
- 7:00 MSNBC
- 8:00 Headline News

- 8:30 Navy/Marine Corps News
- 9:00 War Stories with Oliver North
- 10:00 Fox News
- 11:00 Fox News

Monday, July 22

Channel 9

- 12m Behind the Music: Ricky Martin
- 1:00 Headline News
- 1:30 Seinfeld
- 2:00 Spin City
- 2:30 Entertainment Tonight
- 3:30 America's Black Forum
- 4:00 Simple Faith
- 4:30 Entertainers
- 5:00 **Bulletin Board**
- 5:30 Hour of Power
- 6:00 Celebration of Victory
- 6:30 Coral Ridge Hour
- 7:00 Christopher Closeup
- 7:30 Café Video
- 8:00 Little Bear
- 8:30 Wishbone
- 9:00 **Family Movie: "The Thirteenth Year" (PG)**
- 10:30 Rugrats
- 11:00 Cinema Secrets
- 11:30 Ebert and Roeper
- 12n The Partridge Family
- 12:30 **Bulletin Board**
- 1:00 Boy Meets World
- 1:30 Grounded for Life
- 2:00 Nova
- 3:00 The FBI Files
- 4:00 CSI: Crime Scene Investigations
- 5:00 **Movie: "Invasion of the Body Snatchers" (PG)** Small town residents are being replaced by replicas hatched from alien pods.
- 7:00 **Window on the Atoll/Bulletin Board**
- 7:30 Seinfeld
- 8:00 **Movie: "Good Will Hunting" (PG)** A young janitor at a university is found to be a genius at math. (Matt Damon)
- 10:00 **Movie: "The Breakfast Club" (PG)** Five high school kids thrown together in detention find out they're not as different as they thought. (Molly Ringwald)

Channel 13

- 12m Golf: 131st British Open (final round)
- 5:30 NASCAR: New England 300
- 9:00 Meet the Press
- 10:00 Tim Russert
- 11:00 CNN
- 12n MLB: Mariners/Angels
- 3:00 Sportscenter
- 4:00 Computer Chronicles
- 4:30 Headline News
- 5:00 Fox News
- 6:00 Access Hollywood
- 7:00 Fox News
- 8:00 CNN Student News
- 8:30 Headline News
- 9:00 Access Hollywood
- 10:00 Dateline
- 11:00 Good Morning America

Tuesday, July 23

Channel 9

- 12:00 National Geographic
- 1:00 **Movie: "Invasion of the Body Snatchers" (PG)**
- 3:00 The Jetsons
- 3:30 Leave it to Beaver
- 4:00 The Partridge Family
- 4:30 The Cosby Show

**Window on the Atoll:
Joint Venture
HSV-X1**

5:00 **Bulletin Board**
6:00 The Today Show
8:00 Harold and the Purple Crayon
8:30 Wheel of Fortune
9:00 Oprah Winfrey
10:00 Port Charles
10:25 Guiding Light
11:13 General Hospital
12n **Bulletin Board**
12:30 Judge Judy
1:00 Once and Again
2:00 Sesame Street
3:00 Winnie the Pooh
3:30 The Wild Thornberries
4:00 Horrible Histories
4:30 Brothers Garcia
5:00 Jeopardy!
5:30 Headline News
6:00 **Window on the Atoll/Bulletin Board**
6:30 The Cosby Show
7:00 60 Minutes
8:00 The West Wing
9:00 NYPD Blue
10:00 ESPNews
10:30 The Tonight Show with Jay Leno
11:30 The Late Show with David Letterman

Channel 13

12m Good Morning America (contd.)
1:00 Headline News
1:30 Morning Business Report
2:00 Early Show
4:00 MSNBC
8:00 Access Hollywood
8:30 Headline News
9:00 Dateline Sunday
10:00 Headline News
10:30 NBC Nightly News
11:00 ABC World News Tonight
11:30 CBS Evening News
12n IRL Racing: Indy 200
2:00 News Night with Aaron Brown
3:00 Connie Chung Tonight
3:30 Lou Dobbs Moneyline
4:00 Larry King Live
5:00 The News with Brian Williams
6:00 The O'Reilly Factor
7:00 Nightline
7:30 Nightline: Close Up
8:00 Tour de France
10:00 48 Hours
11:00 Good Morning America

Wednesday, July 24

Channel 9

12:05 The Late Show with David Letterman
12:30 ESPNews
1:00 **Movie: "2001: A Space Odyssey" (PG)**
A space ship crew is threatened by their on-board computer, which wants to cause their deaths to cover up an error.
3:30 Leave it to Beaver
4:00 The Partridge Family
4:30 The Cosby Show
5:00 **Bulletin Board**
6:00 The Today Show
8:00 Sagwa
8:30 Wheel of Fortune
9:00 Oprah Winfrey
10:00 Port Charles
10:25 Guiding Light
11:13 General Hospital
12n **Bulletin Board**
12:30 Judge Judy
1:00 Star Trek: Next Generation
2:00 Sesame Street
3:00 Disney's Mighty Ducks
3:30 The Weekenders
4:00 All That
4:30 Tania
5:00 Jeopardy!
5:30 Headline News

6:00 **Bulletin Board**
6:30 The Cosby Show
7:00 7th Heaven
8:00 **Movie: "Hollow Man" (PG)** A researcher obsessed with making matter invisible decides to try the formula on himself. (Kevin Bacon, Elizabeth Shue)
10:00 ESPNews
10:30 The Tonight Show with Jay Leno
11:30 The Late Show with David Letterman

Channel 13

12m Good Morning America (contd.)
1:00 Headline News
1:30 Morning Business Report
2:00 Early Show
4:00 Fox News
5:00 MLB: TBA
8:00 Access Hollywood
8:30 Army or Air Force News
9:00 48 Hours
10:00 Headline News
10:30 NBC Nightly News
11:00 MLB: TBA
2:00 News Night with Aaron Brown
3:00 Connie Chung Tonight
3:30 Lou Dobbs Moneyline
4:00 Larry King Live
5:00 The News with Brian Williams
6:00 The O'Reilly Factor
7:00 Nightline
7:30 Nightline Close Up
8:00 Tour de France
10:00 Dateline Tuesday
11:00 Good Morning America

Thursday, July 25

Channel 9

12:00 The Late Show with David Letterman
1:00 **Movie: "Planet of the Apes" (PG)** An astronaut crash lands on a planet where apes are a higher species than man.
3:00 The Jetsons
3:30 Leave it to Beaver
4:00 The Partridge Family
4:30 The Cosby Show
5:00 **Bulletin Board**
6:00 The Today Show
8:00 Peter Rabbit
8:30 Wheel of Fortune
9:00 Oprah Winfrey
10:00 Port Charles
10:25 Guiding Light
11:13 General Hospital
12n **Bulletin Board**
12:30 Judge Judy
1:00 Little Men
2:00 Sesame Street
3:00 Hey! Arnold
3:30 Disney's Recess
4:00 Croc Files
4:30 Bonehead Detectives
5:00 Jeopardy!
5:30 Headline News
6:00 **Bulletin Board**
6:30 The Cosby Show
7:00 VH1's Military Diaries
7:30 The Bernie Mac Show
8:00 Dark Angel
9:00 Boston Public
10:00 ESPNews
10:30 The Tonight Show with Jay Leno
11:30 The Late Show with David Letterman

Channel 13

12m Good Morning America
1:00 Headline News
1:30 Morning Business Report
2:00 CBS Early Show
4:00 MSNBC
5:00 MLB: TBA

8:00 Boxing: Davis vs. Thompson
10:00 Headline News
10:30 NBC Nightly News
11:00 MLB: TBA
2:00 News Night with Aaron Brown
3:00 Connie Chung Tonight
3:30 Lou Dobbs Moneyline
4:00 Larry King Live
5:00 The News with Brian Williams
6:00 The O'Reilly Factor
7:00 Nightline
7:30 Nightline: Close Up
8:00 Tour de France
10:00 State vs. Barraza
11:00 Good Morning America

Friday, July 26

Channel 9

12:30 ESPNews
1:00 **Movie: "2001: A Space Odyssey" (PG)**
3:30 Leave it to Beaver
4:00 The Partridge Family
4:30 The Cosby Show
5:00 **Bulletin Board**
6:00 The Today Show
8:00 Blue Clues
8:30 Wheel of Fortune
9:00 Oprah Winfrey
10:00 Port Charles
10:25 Guiding Light
11:13 General Hospital
12n **Bulletin Board**
12:30 Judge Judy
1:00 Charmed
2:00 Sesame Street
3:00 Rugrats
3:30 Happily Ever After
4:00 Pokemon
4:30 The Mummy
5:00 Jeopardy
5:30 Headline News
6:00 **Bulletin Board**
6:30 The Cosby Show
7:00 Friends
7:30 Titus
8:00 Frasier
8:25 **Window on the Atoll**
8:35 Scrubs
9:00 ER
10:00 ESPNews
10:30 The Tonight Show with Jay Leno
11:30 The Late Show with David Letterman

Channel 13

12m Good Morning America
1:00 Headline News
1:30 Morning Business Report
2:00 Early Show
4:00 Fox News
5:00 Great Outdoor Games
7:00 Fox News
7:30 MLB: Cardinals/Giants
10:30 NBC Nightly News
11:00 ABC World News Tonight
11:30 CBS Evening News
12n **Bulletin Board**
2:00 News Night with Aaron Brown
3:00 Connie Chung Tonight
3:30 Lou Dobbs Moneyline
4:00 Larry King Live
5:00 The News with Brian Williams
6:00 The O'Reilly Factor
7:00 Nightline
7:30 Headline News
8:00 Tour de France
10:00 Primetime Thursday
11:00 Good Morning America



(Photos by Peter Rejcek)



Schoolyard nostalgia

At left: Lynn Pippitt prepares for impact as the ball lands square in her chest for an out in Tuesday night kickball action at Brandon Field. Pippitt's team, The Kwaj Elementary Kids, lost to After School Special, 5-2. Above: First baseman Chris Rusby catches a perfect

throw from Spencer Mawhar, far right, to get Shawna Ferstl out during the Elementary Kids/School Special game. The weeklong season, the first of its kind, is scheduled to wrap up tomorrow night with a championship game between the top two teams.

Rebuild effort involved many hands ...

(From page 12)

tempt the visitor to sit and relax; whimsical string lights add a cheerful touch.

Holland and her co-owners, along with a lot of friends and neighbors, have been working since October to rebuild, and they have just started enjoying the area again.

"We just got it usable in May, with the roof finished in mid-May," she said.

Holland, a technical writer for RSE documentation who has lived at Kwaj almost three years, said many people donated time and materials to the project. Matt Hatfield and Dave Bradley donated much of the material, and people on Roi donated material for the deck, she said, adding that other materials came from the junkyard.

"People have all come together," Holland said. "It's a nice area, with a nice community feeling. It's nice to get it going again."

Stan Jazwinski, owner of the boat shack toward the lagoon from Holland's, said he mainly lost a lot of gear that was inside, as well as three sheets of plywood and the roof.

"Mine was the one that stopped the fire," he said.

Jazwinski said they replaced the three sheets of plywood within a week to make it secure.

The Kwajalein Fire Department originally responded to the call at 11:25 p.m., Oct. 4, and had it under control by 11:37 p.m., Jerry Leverett, assistant fire chief, said in an Oct. 10 *Hourglass* article.

The fire, which destroyed or damaged four boat shacks and caused thousands of dollars worth of damage to personal and marine property, was called arson by the Kwajalein Police Department.

It was particularly dangerous because of the fuels, propane, chemicals and flammable materials that were stored in the area, Leverett said.

Michael Kearney, assistant chief for fire prevention, said that the fire department collected samples, including charred wood and sod, from the scene and turned them over to the KPD, who shipped them off island for analysis.

The case is still under investigation, according to Lt. Moses Moreno, KPD investigator.

Now that it's all over, Holland said, "Some good came out of it; people were really supportive."

Kwaj featured in *Soldiers* magazine

From staff reports

Kwajalein has made the big time at last. At least in the Army.

The installation is featured on the front page and in a 14-page spread in the July issue of the magazine.

Entitled "More Than Rocket Science," the spread includes stories about the Reagan Test Site, island life, the Kwajalein Pipes and Drums Corps and air and sea transportation. All of the articles are by the magazine's production editor, Steve Harding, who visited Kwajalein earlier this year.

The online version of the magazine can be found at www.dtic.mil/soldiers/jul2002/index.html.

Clarification

In Tuesday's "Swimmers headed to Pohnpei," resident Loren Lindborg should have been listed as part of the RMI swim team.

Classified Ads and Community Notices

CAFÉ PACIFIC



Lunch

Sat Cajun roast chicken ★
Bean and cheese burritos
Beef Stroganoff
Grill: Filet of fish sandwich

Sun Huevos rancheros
Crispy-fried chicken
Roast beef with pan gravy
Grill: Brunch station open

Mon Brunch station open ★
Ribs your way
Chicken and ziti casserole

Tues Baked potato bar ★
Chicken tetrazzini
Breaded pork cutlets
Grill: Turkey and cheddar

Wed Fiesta taco bar ★
Smoked barbecued brisket
Tex-Mex chicken
Grill: Chicken and chile quesadilla

Thur Chinese bar ★
Country-fried chicken
Roast pork with pan gravy
Grill: Reuben sandwich on rye

Fri Eggplant zucchini casserole ★
Hamburger Stroganoff
Beer-battered mahi mahi
Grill: Bacon and cheddar burger
★*This symbol denotes the Wellness menu*

Dinner

Tonight Stir-fry to order ★
Hamburger steak
Glazed Cornish hens
Vegetable chow fun ★
Pizza

Sat Spaghetti with two sauces
Fajitas to order ★
Mexican-style beef stew
Enchilada casserole

Mon Hot sesame tofu ★
Spicy beef stir-fry
Oven-smoked chicken

Tues Pasta puttanesca ★
Beef tips in Burgundy
Honey-barbecued chicken

Wed Veggie chili mac ★
Teriyaki flank steak
Szechuan chicken

Thur Pasta al pesto ★
Huli huli chicken
Sweet-and-sour pork

Fri Roast turkey ★
Bean and potato burrito
Fried pork chops
★*This symbol denotes the Wellness menu*

HELP WANTED

The following on-island positions are open with Raytheon. For more information or to submit a resumé or application, call HR employment, Jack Riordan, 54916, unless otherwise noted.

DOCUMENTATION LIBRARIAN, Kwajalein High School. Work with guidance counselor. Knowledge of Microsoft Office; strong organizational skills; ability to work with teachers, parents, students and staff; be able to multi-task and prioritize and good communication skills needed. A criminal history background check is required. Call Lynn Malone, 52011.

HR ASSISTANT, RSE HR Dept. Good people skills, computer literate, day-to-day assistance on employee relations, benefits issues and other HR-related matters. One to three years of HR experience preferred. Call Anne Louise Jeffrey, 52710.

SECRETARY, Safety and Industrial Hygiene Dept. Seeking individual experienced in office administration with proficient skills in MS Word, Outlook and Excel. Require excellent English written and verbal skills, as well as the ability to prioritize and perform multiple tasks.

PIANO PLAYER, Yuk Club. Casual for Thursday through Saturday evenings. Call Andrea, 58909.

SECRETARY, Education Dept. Part time—35 hours per week. Responsible for maintaining attendance and

records, preparing correspondence and assisting the teaching staff. Must have knowledge of Windows, MS Word and databases. Selected individual will be required to undergo a criminal history background check.

APPLIANCE TECHNICIAN. Full time. Five years experience in appliance repair. Call Paul Fritz, 53379.

PHARMACY TECHNICIAN, Kwajalein Hospital Pharmacy. Full time. Looking for an experienced pharmacy tech to assist with filling medical prescriptions and doses as directed by a physician. Duties include maintaining patient medication profile records in computer database and monitoring drug and supply inventories. Must possess strong communication, customer service and organizational skills. Computer literacy required. Criminal history background check required.

DENTAL ASSISTANT, Dental Clinic. Casual. Criminal history background check required.

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

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

MAIL CLERK, Post Office, GS-05 (two vacancies). Temporary, one year. Final closeout Aug. 7.

**Company's
Comin'!**



**No, not the
in-laws!**

**Guests and visitors
are coming for the
Change of Command!**

**Welcome them and
our new commander
by sprucing up your
work areas, quarters
and around the island.**



Classified Ads and Community Notices

I love that
Ultimate
Frisbee



Friday, July 26,
7 p.m., at
Brandon Field

We will divide into teams on the field

Macy's and Macy's West
will be closed for inventory
through tomorrow. The stores
will reopen Monday.

WANTED

PCSing? Donate your outdoor potted plants to the Child Development Center. Drop them off at your convenience or call Ann, 59015, for pickup.

LOST

BLUE BACKPACK with gray panels and sketcher shoes and pants, inside at CAC Room 6, July 13, \$10 reward offered; clear goggles at family pool. Call Tessa, 52527.

BLUE BRIEFCASE with logbook at adult pool. Call Jack, 52368.

BLACK CASIO sport watch at the adult pool near the bench at showers July 7. Call 55150 or 54879.

FOUND

BLUE DRY box containing dive materials on Perimeter Road near the DSC. Call Jack, 52368.

ROLLERBLADES, women's size 7, on Heliotrope. Call 51919.

PATIO SALES

SATURDAY, 8:30-11 a.m., Qtrs. 112-D. Clothing, toys.

MONDAY, 6-9 a.m., Tr. 851. PCS sale.

MONDAY, 7 a.m.-noon, Qtrs. 137-F. Cookbooks, kitchen items, dehumidifier, attaché cases, Christmas decorations, tools, clothes, shoes.

MONDAY, 8-11 a.m., Qtrs. 128-A (in back).

MONDAY, 9 a.m.-?, Qtrs. 446-A.

FOR SALE

6' TALL RUBBERMAID shed with shelves, \$250; ladies' golf clubs with bag, \$50; eight-pound bowling ball with bag, \$10; indoor/outdoor convertible play yard/fence, \$30; four folding lawn and beach chairs, \$10; Kwaj-condition bike and Burley, \$50. Call 54624.

PLANTS, dive weights. Call 54612H or 52166W.

NEW FISHING gear, too much to list, all or nothing for package deal. Call 51557.

PLANTS: Blooming African violets and cardboard palms (zamia pumila), \$5-\$30. Call 53711 and leave a message.

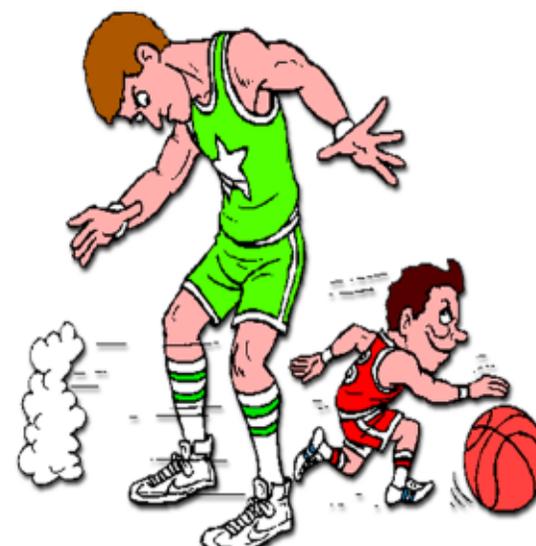
BOAT HOUSE #10 and 21' Starcraft boat with 120hp engine and 15hp kicker, \$7,500. Call Tim, 52237.

TWO NAVY canvas and wood folding directors chairs, excellent condition, \$30 for both. Call 52504.

WOMEN'S CLOTHING, sizes 6-10, some casual, nice for work clothes; rugs; telephone; 35mm automatic camera. Call 58823, after 4:30 p.m., Tuesday-Saturday, or 11 a.m.-9 p.m., Sunday and Monday.

75' OF 4' high fence with 11 8' 4x4s, one gate, picket fence, \$300. You remove. Call 52342.

Summer
★ Fun ★ Basketball



**Submit a team now
for the Summer Fun
basketball league
July 30-Aug. 24.**

**To register your team,
bring a \$10 fee and
team roster to the
mandatory managers'
meeting tomorrow,
5 p.m., in CRC #6.**

**Questions? Call Scott,
53331.**

Five-on-Five

Classified Ads and Community Notices

USAKA/RTS Regulation 190-41 regarding removal of retail items from Kwajalein will be strictly enforced. Visitors are to take only single portions of food for personal consumption from Kwajalein. Fish, fresh fruit and vegetables may be removed without restrictions, except those enforced by the airlines. Questions? Call 54445.

Jino jen kio im etal mweuk ko ak mona ko jen mon wia ko ilo USAKA renaj jino boki. USAKA Regulation 190-41 ej kamo ebok mweuk ko ijelokin nan juon armij-ruo pakij in jika ak ruo tib, ruo cola im ruo woid in koko. Ekk, kein ekan ko emon, ne elon kaitok call elok Kwajalein Police, ilo 54445.

TITLEIST titanium super-size howitzer driver; Shimano TLD 30 two-speed reel with Fenwick rod; 55-gallon aquarium with all accessories; golf cart; queen-size floral comforter with matching dust ruffle; pillow shams; curtains; valance and tie backs. Call Dale, 52609.

COMMUNITY NOTICES

"THE ARCHAEOLOGY of Kwajalein," a presentation by Dr. Felicia Beardsley, will be Friday, Aug. 16, 7 p.m., in CRC Room 6. Sponsored by the Marshallese Cultural Center.

FRANCOISE STANDIFER, USAKA paralegal, will be on Roi-Namur tomorrow, 7:30-11:30 a.m. To make an appointment, call 53417, 51462 or 51431.

HOMESCHOOL GROUP'S annual water polo games will be Sunday, 6-8 p.m., at the family pool. Bring a dessert or light pupu to share and be prepared to have the whole family join in the fun.

NEED EXTRA MONEY this summer? Register to be a scorekeeper. Experience a plus, but if not, attend the clinic to learn how to score a game and work the clock. The clinic is Wednesday, 5:30 p.m., in CRC gym. You must attend the clinic to be considered for the position. Questions? Call Scott, 53331.

ORTHODONTIST will be on island Tuesday and Wednesday. To make an appointment, call the Dental Clinic, 52165, 7:30-11:30 a.m. and 12:30-4:30 p.m., Tuesday through Saturday.

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

YUK CLUB LOUNGE

Tonight

Tomorrow

Sunday

DJ Chris Eskew,
7 p.m.



Dart
tournament,
7:30 p.m.

DJ Tom Roko,
9 p.m. until closing.

Jim and Sarah Muhich,
8 p.m. until closing.

Beach Volleyball

MONDAY,
AUG. 5,
EMON BEACH



Two-person teams.
Grade 7-Adult.
\$10 entrance fee.
Register teams by
Aug. 2. Questions?
Call Scott, 53331.

**Marshallese Word
of the Day**

Wa = Vehicle (car, boat, etc.).

See you at the movies!

Friday

Grease (1978, PG)

Film version of the Broadway musical about fast cars and high school romance in the 1950s. (John Travolta, Olivia Newton-John, Stockard Channing) (110 minutes)

Yokwe Yuk Theater, 7:30 p.m.

Saturday

Air Force One (1997, R)

Harrison Ford stars as a bare-knuckled, brawling president who must take matters into his own hands when Air Force One is hijacked by terrorists. (Gary Oldman, Glenn Close) (124 minutes)

Yokwe Yuk Theater, 7:30 p.m.

Bless the Child (2000, R)

The fate of mankind is in the hands of a 6-year-old autistic girl, who is blessed by God to do miracles. She'll need all of her powers to find an agent of Satan bent on destroying her. (Kim Basinger, Jimmy Smits) (107 minutes)

Tradewinds Theater, 7:30 p.m.

Sunday

Grease (1978, PG)

Yokwe Yuk Theater, 7:30 p.m.

Bless the Child (2000, R)

Yokwe Yuk Theater, 9:30 p.m.

Air Force One (1997, R)

Tradewinds Theater, 7:30 p.m.

Monday

Bless the Child (2000, R)

Yokwe Yuk Theater, 7:30 p.m.



(Photo by Peter Rejcek)

Boathouse co-owner Jenny Holland describes the repairs recently completed at the lot since an arson fire destroyed it nearly 10 months ago.

New boathouse rises from the ashes

By Barbara Johnson

Feature Writer

The night before she was due to become part owner of a boat shack near the Small Boat Marina, Jenny Holland learned it had burnt to the ground.

A fire started in one boat shack late at night Oct. 4, completely destroying it and damaging several others as it quickly spread to the neighboring structures.

"I already had all my dive gear in it," Holland said. "We all lost a lot of stuff. It was just gutted."

Holland said she got a call in the middle of that night from Simone Smead, who owns the boat shack next

to hers. Smead told her that her shack was on fire, it was really bad, and to be prepared.

"I was kind of resigned to losing some stuff, because I've been in an earthquake and had my house flooded in the states, so I knew there would be damage, but I was not prepared for the extent of the loss," Holland said.

After the initial shock, she said anger became the predominant emotion because so many people lost so much.

But, no trace of the damage and destruction is visible now, as one looks at the newly painted white boat shack with its overhanging roof and deck with a marina view. Chairs outside

(See REBUILD, page 8)

WEATHER
Courtesy of Aeromet

Tonight: Developing clouds with isolated showers, some heavy.

Winds: South to southwest at 10 to 14 knots, higher gusts near showers.

Tomorrow: Partly cloudy with widely scattered showers.

Winds: South to southwest at 7 to 12 knots, higher gusts near showers.

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

July rain total: 16.51"

Annual rain total: 57.86"

Annual deviation: 12.76"

Call 54700 for continuously updated forecasts and sea conditions.



Sun • Moon • Tides



	Sunrise/set	Moonrise/set	High Tide	Low Tide
Saturday July 20	0638/1912	1526/0233	0050, 4.5' 1320, 3.8'	0720, 1.8' 1920, 1.7'
Sunday July 21	0639/1912	1624/0324	0150, 4.8' 1420, 3.9'	0830, 1.5' 2020, 1.5'
Monday July 22	0639/1912	1721/0418	0250, 5.1' 1520, 4.1'	0920, 1.2' 2100, 1.3'
Tuesday July 23	0639/1912	1817/0514	0330, 5.4' 1600, 4.3'	1000, 1.0' 2150, 1.2'