

THE KWAJALEIN HOURGLASS



Col. Frederick S. Clarke, incoming commander of U.S. Army Kwajalein Atoll, speaks to the audience during the change of command ceremony Thursday. For more, see Page 8.

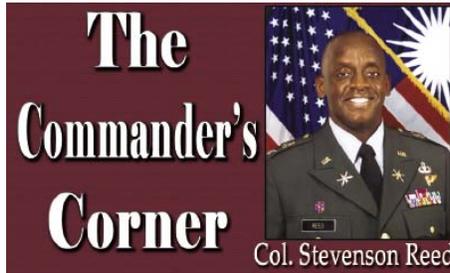
(Photo by Dan Adler)

EDITORIAL

Commander bids USAKA community farewell

This will be my last column as I end my two-year tenure as the Commander of United States Army Kwajalein Atoll.

The time has gone by so quickly for me and I will have departed by the time you read this. I can recall writing my first column on July 22, 2006, which provided the community with some background of who I was as a leader and individual. It also provided each of you with what I expected



from this community as a whole. This assignment has been the cap-

stone of my military career, and I will leave Kwajalein with mixed emotions.

I am happy to have had the opportunity to command at the O-6 level, but I am sad because this has been the best job of my career. I will miss the Soldiers, Department of the Army civilians, and contractors who worked with USAKA. Seeing each of you work day after day has been a

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COMMENTARY

What's good for Bullmoose isn't good for us

How many of you are old enough to remember the Lil Abner comics that ran in the Sunday newspapers? It seems like it was 100 years ago to me.

I recall there was a character in the comic strip called General Bullmoose. Bullmoose was a ruthless, wealthy man who had the usual entourage of lackeys that rich people always seem to have.

There was a movie made based on the comic strip that came out when I was very young. I don't remember most of it, but there are two things I haven't forgotten. The first is that even at such a young age, I realized Abner's girlfriend, Daisy Mae, wasn't wearing much clothing. That must have been when I knew there was something very special about girls.

The other thing I recall about the movie is the aforementioned Bullmoose and that there was a song his lackeys would always sing. It went, "What's good for General Bullmoose is good for the U.S.A."

It seems that in the past 30 years or so, there have been a lot of General Bullmooses singing that song.

That's fine, except it isn't so.

I was looking forward to the next presidential election in the hopes that we would get someone who would really stand up for America and the American people by getting us out of NAFTA and all the other 'free' trade agreements our politicians and corporations have gotten us into in the past two decades.

But it appears I will be disappointed yet again.

One of the candidates refers to himself as a 'commit-

ted free marketer and free trader.'

The other candidate says he will 'review' our free trade agreements and calls for 'amending' them (whatever that means). I'm afraid it may mean nothing will change.

There isn't anything 'free' about free trade. It's well on the way to costing us our country — if it hasn't already. That's a pretty big price to pay for something that's supposed to be 'free.'

The only thing free trade means is that the multinational corporations are free to do whatever they want without regard for the people who might get hurt.

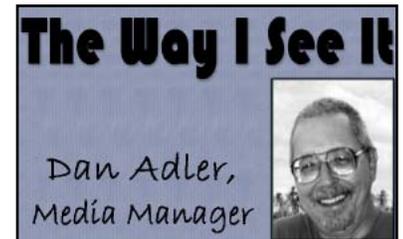
Should I remind you how free trade has led to tainted food coming into America from other countries?

How about toys with lead paint made in China that could poison children coming to the U.S.?

Maybe I could talk about medicine made in other countries (mainly China) that doesn't work — or worse — has dangerous ingredients that could be deadly.

What's good for the General Bullmooses just might not be good for the U.S.A.

I could talk about what free trade has done to the



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THE KWAJALEIN HOURGLASS

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

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Bon voyage

Dinner honors Col. Stevenson Reed

Article and photos by Dan Adler
Media Manager

Col. Stevenson Reed, outgoing commander of U.S. Army Kwajalein Atoll was honored at a farewell dinner Wednesday night on Emon Beach. Hugh Denny, deputy mission commander, served as Master of Ceremonies for the evening.

The honoree and guests enjoyed shrimp cocktail, salad, filet mignon and cheesecake.

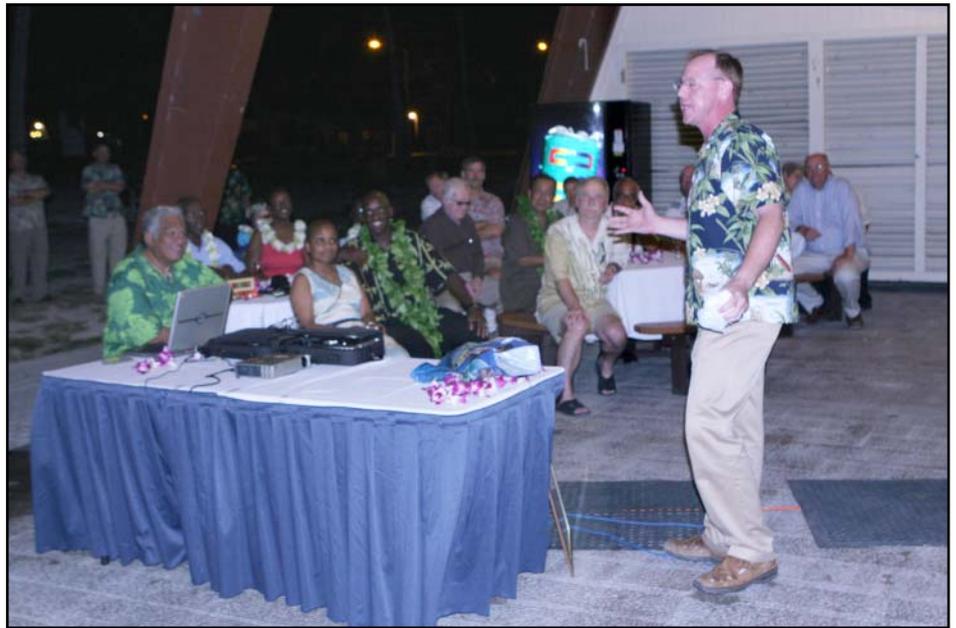
The guests included His Excellency Litokwa Tomeing, President of the Republic of the Marshall Islands and other ministers of the RMI government, Dr. Clyde Bishop, U.S. Ambassador to the RMI, Michael Schexnayder of U.S. Army Space and Missile Defense Command and his wife.

After dinner was completed, guests moved from the beach to the main pavilion for speeches and presentations.

Ambassador Bishop was the first to speak saying, "Military and diplomatic people do not always see things in the same light. But Col. Reed and I would discuss, communicate and come up with decisions that were in the interests of the United States."



Kevin Osterbauer of the USAKA staff presents Col. Reed with a new golf driver.



LTC Harold Buhl dishes out some 'gag' gifts for Col. Stevenson Reed at the farewell dinner on Emon Beach.

Bishop continued, "I not only think of him as a real professional, but also a friend."

Bishop stressed that he appreciated the leadership the military develops. He praised Reed for fostering good relations between the U.S. and the RMI for the two years he commanded USAKA.

"Leadership addresses challenges," said Bishop. "Col. Reed met the challenges of the economic situation and helped to mitigate the effects as much as possible."

Bishop went on to thank Reed for his friendship and leadership.

He presented Reed with a State Department coin in recognition of his service to the U.S.

Schexnayder then addressed the guests saying that when SMDC assigned Reed to Kwajalein, they told him they wanted an air defense officer who knows how to lead, a garrison commander, the mayor of a small city with all the services a small city needs, someone who would work with the U.S. ambassador to the RMI, someone who could exercise diplomatic skills and be able to deal with business matters.

Schexnayder continued, "We told him that the job would require him to spread pain evenly and that no one would like him when he did."

Schexnayder continued that they wanted all these things from him even though he had only been trained for one of those things.

"We told Col. Reed that we wanted him to leave Kwajalein in better shape than he found it and he has."

Schexnayder told Reed he looked forward to seeing him in Huntsville.

Appreciation was also expressed by LTC (P) Ed Toy of Joint Task Force Homeland Defense in Hawaii for Reed's work of the past two years.

LTC Harold Buhl offered thanks from Reagan Test Site and rummaged in a bag full of 'gag' gifts for Reed.

Kevin Osterbauer of the USAKA staff presented Reed with a new golf driver as a token of the staff's appreciation.

Greg Hogan of MIT addressed the guests saying that it had been his

See BON VOYAGE, Page 6

Diving Prinz Eugen

World War II cruiser has colorful past, is popular site for Kwajalein scuba diving

Article and photos by Dan Farnham
Contributor

Editor's note: This is the second of a two-part series on the Prinz Eugen. The first part ended with the German ships Prinz Eugen and the Bismarck engaging the British battleships Hood and Prince of Wales in the Battle of the Denmark Strait.

In the battle, the Hood was sunk, but the Prince of Wales escaped. The Bismarck had been damaged during the battle and was trailing oil. Prinz Eugen and the Bismarck headed for port, but British ships were following the oil trail left by Bismarck and would eventually sink her. Prinz Eugen was detached for independent operations before Bismarck was sunk.

Part Two

The Battle of the Demark Strait on May 24, 1941 was one of the

more notable actions that the *Prinz Eugen* was involved in. Luckily for the ship, it not been damaged in the battle, despite several near misses. The *Eugen* had scored three hits on *Prince of Wales*, and one on *Hood*.

At 6:14 p.m., the evening of the 24th, *Prinz Eugen* was released for independent operations by German Admiral Lutgens who was on the *Bismarck*.

After refueling at sea on May 26, *Prinz Eugen* entered the German naval base at Brest, France, on June 1.

The next notable action of the *Prinz Eugen* was the famous 'Channel Dash', dubbed 'Operation Cerberus'.

On Feb. 11, 1942, *Prinz Eugen* left Brest with the battleships *Scharnhorst* and *Gneisenau*. They were escorted by six destroyers for a dash through the English Channel.

After expending over 5,000

rounds of ant-aircraft ammunition and some heavy shells, she reached Brunsbüttel undamaged on the morning of the 13th.

For the next two years, the *Prinz Eugen* was involved in a series of minor operations, and was twice laid up for repairs.

The first time was after being torpedoed in the stern by the British submarine *Trident* on Feb. 24, 1942. Repairs were not completed until Oct. 1942. From March 1943 to March 1944, the *Prinz Eugen* was used as a training ship in the Baltic.

The second time the ship was laid up for repairs was after it collided with the German light cruiser *Leipzig* on Oct. 15, 1944. Repairs took two weeks and included the replacement of her bow.

Prinz Eugen's final actions of the war came during the period of March 10 to April 4, 1945. She engaged in shore bombardment operations against Russian troops off the Gulf of Danzig to buy time for the retreating German Army. The ship fired on land targets around Tiegenhoff, Ladekopp, Zoppot and Danzig. On April 10, 1945, after expending all her ammunition, the *Prinz Eugen* left the Baltic for Copenhagen where she arrived on the 20th.

On May 7, 1945, at 4 p.m., the battle flag was lowered and the ship surrendered at Copenhagen with the light cruiser *Nürnberg*. The war was officially over for the *Prinz Eugen*.

The next day, the vessel was handed over to the British, who in turn awarded it to the Americans. On Jan. 5, 1946, *Prinz Eugen* was put into service with the U.S. Navy as the *USS Prinz Eugen* (IX-300). With a mixed crew of Germans and Americans, the ship sailed for Boston on Jan. 13, arriving on the 20th. Shortly afterward, it was moved to Philadelphia. There, the



Divers explore the fire control director for the secondary armament.



The center screw and rudder of Prinz Eugen jut from the lagoon near Carlson Island. The ship capsized as it was being towed in a storm.

barrels of the forward main turret were removed for testing.

It was then that plans were made to use the ship as a target ship in the nuclear testing at Bikini Atoll in the Marshall Islands.

Prinz Eugen departed Philadelphia for the naval base in San Diego in March of 1946, and transited through the Panama Canal. On May 1, the last German crew members left the ship, and she sailed for Bikini Atoll.

The ship was in position for atomic test Able on July 1. At 9 a.m., a B-29 bomber dropped an atomic bomb from 29,000 feet. It detonated 518 feet above the surface of the lagoon. *Prinz Eugen* was 1,194 yards from ground zero, bow on, and suffered no appreciable damage other than scorched paint and a split mainmast. In addition, two hammocks had been blown up onto the main mast and much of the ship's rigging went down.

July 25 was 'Baker Day'. That morning, LSM-60 lowered an atomic bomb to a depth of 90 feet in the lagoon. Detonation took place at 8:35 a.m. The underwater nuclear explosion caused heavy hydrodynamic shock and severe radiological

contamination of the surrounding water.

Prinz Eugen was 1,990 yards from the point of the explosion, and again was relatively undamaged. Due to the highly contaminated seawater that had rained down on her after the Baker blast, salvage and inspection crews did not board her until eight days after the bomb test. It was discovered that there was flooding and leaking from rudder bearings, and piping and fittings. But the flooding was controllable, and in late August, plans were made to move the ship to Kwajalein Atoll for study. The move was completed in early September.

Certain structures inside the *Prinz Eugen* weakened over the next few months, and what had been controllable leaks turned into major flooding below decks.

On Dec. 21, 1946, in order to prevent the cruiser from sinking and blocking the shipping lanes in the lagoon, tugboats attempted to beach the ship against Carlson Island. There was a storm raging at the time, and the tugboats lost control of the cruiser. Overnight, the ship developed a 35-degree list to starboard, and driven by a north-

erly wind, ran onto the reef near Carlson and capsized.

When the *Prinz Eugen* sank, it rolled onto its starboard side, crushing the superstructure to one side against the lagoon floor. Most of the sights to see on the wreck are on the port side, which faces the lagoon. The center screw, rudder, port screw, and part of the stern are exposed above the water, and the starboard screw lies just below the surface. In 1978, the port screw was removed and sent to Germany, and it is now on display at the Kiel naval museum.

The bottom of the ship is still very much intact, except for the area around the screws and rudder. There are several places where the hull is stove in several feet, undoubtedly from the combined effects of the underwater Baker blast at Bikini Atoll and the degradation from saltwater corrosion over the years since.

It was customary for the German Navy to name the main turrets of their warships. Starting at the front of the *Prinz Eugen*, the turrets were named 'Anton',

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BON VOYAGE, from Page 3

privilege and pleasure to work with Reed for the past two years.

“He is the epitome of a professional Soldier,” said Hogan.

He presented Reed with a Lincoln Laboratory coin and shirt.

Hogan also noted the advice Reed would give him from time to time.

“My quarters are on the way to the gym,” he said. “And when Col. Reed would go by on his way to the gym, he would always say, ‘Mr. Hogan, rake your yard.’”

Hogan noted that Reed had reached out to the community by teaching Sunday school and being a role model both as a commander and as a man.

Reed then spoke to the guests.

He began by thanking his family for their 26 years of support in his military service.

“My father and mother were there from day one,” said Reed.

He thanked his wife of 24 years, Yvonne, for two beautiful children and her support through trying times. He also thanked his sister.

“I love her very much,” he said.

Reed continued that it was an honor to have RMI President Tom-meing and other RMI ministers in attendance.

Reed said he had a great staff and to serve with them was an honor.

“They were pulled in many different ways by many different demands,” Reed said. “But they never complained or said they didn’t want to be here. They served well.”

Reed said that he was only one part of a successful team.

“Some say they have been touched by me,” Reed said. “But I tell you that I have been touched by you and the people in this community.”

Reed described how some of the tasks he had to fulfill actually made him cry. He noted that many people who were here a year ago weren’t here anymore because of his decisions.

“A lot of what I had to do hurt,” he said. “When you know you are affecting the lives of people, it affects you. But, if you’re a leader, you have to move on.”

He said that many times, the decisions he had to make made him feel very lonely and that the void was filled by working with children and the people of the Marshall Islands.



A slide show of some of Col. Stevenson Reed’s favorite Kwaj things was shown.



Greg Hogan presents Col. Stevenson Reed with an MIT shirt.

“I have learned many things and worn many hats,” Reed said. “I’m just glad I didn’t get fired the first year.”

Reed said that most of all he was humbled to have served Kwajalein for the last two years.

“But now, it’s time to be a father

and a husband,” he said. “Maybe I’ll see you again if THAAD (Terminal High Altitude Air Defense) comes out here.”

After Reed concluded his remarks, a slide show of photos depicting Kwaj scenes and those of Reed’s time on Kwajalein was shown.

Bush reduces Iraq tours to 12 months

By Gerry Gilmore
Army News Service

Citing improved conditions in Iraq, President Bush announced Monday that Soldiers deploying there from tomorrow on will serve 12-month tours of duty.

Army tours in Iraq were extended from 12 to 15 months in April 2007. Pentagon civilian and military officials have expressed the intent to cut Iraq tour lengths from 15 to 12 months for some time.

Violence in Iraq has decreased to its lowest levels in four years, which indicates that the security gains achieved there in recent months may be lasting, Bush said today at the White House.

"Violence is down to its lowest level since the spring of 2004," Bush said. Reduced strife in Iraq, he said, has continued for three consecutive months and is holding steady.

Bush said U.S. Ambassador to Iraq Ryan C. Crocker and Army Gen. David H. Petraeus, the commander of Multinational Force Iraq, have cautioned him that the improved security environment in Iraq still is reversible. However, Crocker and Petraeus also believe "there now appears to be a degree of durability to the gains we have made," Bush said.

The success of the surge, Bush said, is "a significant reason for this sustained progress" in Iraq. Iraqi security forces are increasing in capability, he said, noting that 192 Iraqi combat battalions are now in the fight. More than 110 of these units, he said, are taking the lead in combat operations against terrorists and extremists.

Iraqi forces proved their mettle earlier this year, Bush said, during the successful Iraqi government-led military operations launched against Shiite extremists in Basra, Amarah and the Sadr City section of Baghdad.

"Because of these operations, extremists who once terrorized the citizens of these communities have been driven from their strongholds," Bush said. As a result, he said, Crocker "was able to walk the streets of Sadr City last Wednesday."

That act, Bush noted, was something that would not have been possible just a few months ago.

This week, the Iraqi government is launching a new military of-



Photo courtesy of U.S. Army

Soldiers check for mines and explosive devices in Baghdad, Iraq. The tour of duty in Iraq has been reduced from 15 to 12 months by President George W. Bush.

fensive against al-Qaida terrorists believed to be operating in parts of Diyala province, Bush said.

"This operation is Iraqi-led; our forces are playing a supporting role," Bush said. And during the coming months, he said, "the Iraqis will continue taking the lead in more military operations across the country."

The improved security environment has enabled the Iraqis to achieve political progress as well, the president said, noting that Iraqi lawmakers have passed several major pieces of legislation this year. Iraqi leaders also are preparing for provincial elections slated for later this year, he noted.

Prime Minister Nouri al-Maliki recently returned from a European trip, Bush said, where the Iraqi leader held important diplomatic discussions with German Chancellor Angela Merkel, Italian Prime Minister Silvio Berlusconi and Pope Benedict XVI.

The progress in Iraq, Bush said, has enabled the redeployment of the five Army surge brigades and three Marine elements as well as the reduction of the length of U.S. Army combat tours there.

"Beginning tomorrow, troops deploying to Iraq will serve 12-month tours instead of 15-month tours," Bush said. "This will ease the burden on our forces; it will make life easier for our wonderful military families."

Meanwhile, the U.S. and Iraqi governments are making progress developing a strategic framework agreement covering military-to-military and diplomatic relations between the two countries, Bush said. The agreement, he said, will serve as the foundation for America's presence in Iraq after the United Nations resolution authorizing multinational forces in Iraq expires on Dec. 31. Yet, despite all the recent achievements made in Iraq, America remains at war with global terrorists, the president said.

"Al-Qaida is on the run in Iraq, but the terrorists remain dangerous, and they are determined to strike our country and our allies again," Bush said. "In this time of war, America is grateful to all the men and women who have stepped up forward to defend us."

U.S. servicemembers "understand that we have no greater responsibility than to stop the terrorists before they launch another attack on our homeland," the president said. "And every day, they make great sacrifices to keep the American people safe here at home. We owe our thanks to all those who wear the uniform and their families who support them in their vital work. And the best way to honor them is to support their mission and to bring them home with victory."

Col. Frederick S. Clarke is



Col. Glen H. Crane, 1964-1965



Col. Melvin D. Clark, 1965-1967



Col. Frank C. Healy, 1967-1968



Col. Donald B. Miller, 1968-1971



From left, Col. Stevenson L. Reed, outgoing USAKA commander, Sgt. Maj. Patrick Kutac, Lt. Gen. Kevin Campbell, commanding general of SMDC/ARSTRAT and Col. Frederick S. Clarke prepare for the transfer of the USAKA flag to signify change of command.



Col. Jesse Fishback, 1971-1973



Col. Robert Russell, 1973-1976



Col. E. Van Netta, 1976-1978

24th USAKA commander

New commander takes reins of U.S. Army Kwajalein Atoll

Article and photos by Dan Adler
Media Manager

Col. Stevenson L. Reed ended his two year tenure as commander of USAKA as Col. Frederick S. Clarke took command Thursday afternoon.

The ceremony began with the entrance of Col. Stevenson L. Reed, Lt. Gen. Kevin Campbell and Col. Frederick S. Clarke to the sounds of *Ruffles and Flourishes*.

The national anthem of the Republic of the Marshall Islands was played and the national anthem of the United States was sung by Amber Banducci. Rev. Rick Funk gave the invocation.

James Caughie, master of ceremonies, addressed the audience saying that the commander of the U.S. Army Kwajalein Atoll and Reagan Test Site is trustee of an internationally significant, three-fold mission.

The first of the three is that he is responsible for the command, operation and modernization of a world class range and to test strategic and theater missile systems and support base operations.

Secondly, he is charged with the responsibility to sustain a strong international partnership with our host nation, the Republic of the Marshall Islands, through the promotion of mutually beneficial relations.

Lastly, the commander must oversee and manage a remote, self-sufficient, quality installation and

community.

Caughie then introduced the President of the Republic of the Marshall Island, Litokwa Tomeing and the U.S. Ambassador to the Marshall Islands, Dr. Clyde Bishop.

Reed then received the Legion of Merit from Campbell citing Reed's exceptional service on Kwajalein

Then, Sgt. Maj. Patrick Kutac, Col. Stevenson Reed, Lt. Gen. Kevin Campbell and Col. Frederick S. Clarke performed the passing of the USAKA flag from Reed to Clarke signifying the command change.

After the passing of the flag, the Honorable Christopher Loeak, Minister-in Assistant to the president addressed the audience.

"It is with joy that I take this opportunity to represent the government and people of the Marshall Islands," he said.

Loeak thanked Lt. Gen. Campbell and the USAKA command for the invitation to the ceremony.

"We are here to witness the end of one command and the beginning of another," said Loeak. "But most of all, we are here to celebrate the strong relationship between our two countries."

Loeak said that for the past 64 years, the two nations have been a benefit to both peoples.

"But more recently, we have faced some challenges in our partnership," said Loeak. "But I am confident that through our mutual desire, we will jointly overcome these challenges."

Loeak expressed his

thanks to Reed for the role he has played in bringing the two communities together.

"I know it has not been easy with transformation activities causing anxieties and economic difficulties to many people and families on both sides," said Loeak.

He said he had hope and expectations that things will improve in the future.

"Col. Clarke, welcome to our shores and we look forward to working with you and your command," said Loeak. "God bless the United States and the Republic of the Marshall Islands."

The U.S. Ambassador to the Marshall Islands, Dr. Clyde Bishop then spoke saying, "It has often been said leadership is tested, not in ordinary times, but in extraordinary times."

He continued that it is in extraordinary times that leaders must exercise sound judgement, compassion and flexibility.

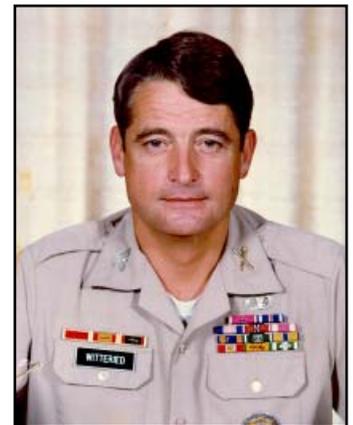
"In his two years as USAKA commander, Col. Reed has surely passed that test with flying colors," said Bishop.

He went on to say, "All of us know that belt tightening is never pleasant nor is it easy. Like dieting, it requires effort and sacrifice to change old habits. But unlike dieting, it often cannot be put off until another day."

Bishop continued that, "When the end results are better health and productivity, it was worth the



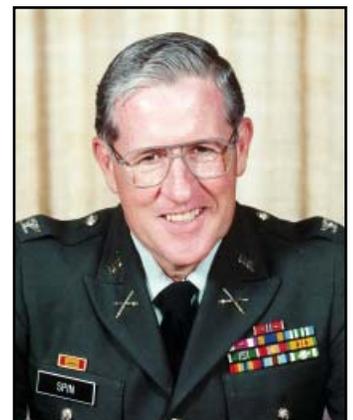
Col. John Reeve, 1978-1980



Col. Peter Witteried, 1980-1982



Col. John Banks, 1982-1984



Col. William Spin, 1984-1986

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Col. James Allred, July, 1986-Aug. '86



Col. Richard Chapman, 1986-1988



Col. Phillip R. Harris, 1988-1990



Col. John MacNeill, 1990-1992



Lt. Gen. Kevin Campbell addresses the audience at the change of command ceremony.

effort.”

Bishop said that despite contractual obligations, Reed and his team responded to many requests from the Marshallese including, “search and rescue missions, medevac missions and emergency generators for Ebeye. For this, we [the U.S. Embassy] are truly grateful.”

Bishop concluded by thanking Reed for his leadership and friendship and wished him and his wife, Yvonne, well in the future. He assured Col. Clarke that he looked forward to working with him as he had with Col. Reed.

He pledged to continue working with the Marshallese to strengthen, “our historically strong ties.”

Lt. Gen. Kevin Campbell then addressed the attendees. He welcomed all the guests and dignitaries and

thanked them for coming.

He noted there was quite a crowd present joking, “Steve, they may just want to make sure you’re leaving.”

He said he was sure the attendance was out of respect for the great job Reed had done over the past two years.

“He [Col. Reed] certainly built a strong team here at Kwajalein with Soldiers, Department of the Army civilians, contractors and the Marshallese,” said Campbell.

“Steve led this organization with passion, compassion and strove to do things right,” he said.

Campbell noted the challenges in commanding a remote site such as personnel and infrastructure. He said such a commander is the mayor of a town, chief of naval operations, chief of

flight operations, CEO for the utilities and he said, turning to Reed, “You run a golf course.”

“How do we measure success when we look at commanders?” Campbell asked. “We looked at cost reduction, personnel morale and I can say Steve did well in all those categories.”

Campbell continued, “It’s also how a commander treats his Soldiers and subordinates. Is he a team player? Does he demonstrate selflessness? Is he dedicated to the mission?”

Campbell said Reed had done very well with those questions.

Campbell noted that Reed had several setbacks but always took responsibility, never looked back and always looked at the positive side of things.

“Steve, your legacy will be imprinted in the minds of the people of Kwajalein. They saw a leader who loved his people,” said Campbell.

He wished Reed and his family the best on their move to Huntsville, Ala.

Campbell noted that the incoming commander is an Air Defense Soldier and has garrison commander experience which would be a plus in his new job.

Campbell then talked about Kwajalein saying that the island is a very important asset for the Army and the United States.

“The changes we are implementing to change the way we operate is going to mean a change for most of those who work and live on Kwajalein,” he said.

He said he knows that change creates concern and that he had two top civilians overwatching Kwaj and who would be personally involved in decisions affecting Kwaj.

He said the changes do not indicate any declining attitude about Kwajalein



Col. Crosby E. Hazel, 1992-1994



Col. David Spaulding, 1994-1996

within the Army.

“On the contrary, we are making changes that we think will bring new customers to Kwajalein, Campbell said. “In the long term it will attract more customers to using the facility.”

He noted that the U.S. Army was paying the entire cost of putting fiber optic cable in at Kwajalein and that it demonstrated a commitment by the government to improve operations at Kwajalein.

“We have to make decisions to operate more efficiently and bring more customers to the range,” he said.

He told Clarke that there were many challenges ahead and that he was entrusted with the safety and welfare of the Soldiers, civilians, families and contractors and the relationship with the government of the RMI.

Outgoing commander Reed then spoke to the audience. He listed some of the things that had been accomplished during his two years such as four GT missions, one Gen-X mission, seven STS missions, two THAAD missions, two B-2 missions, one B-52 mission and one Pegasus mission. He spoke of how transformation had caused pain because many who were here a year ago no longer are.

He said he was proud of the schools that educated



Lt. Gen. Kevin Campbell presents Col. Stevenson Reed with the Meritorious Service award.

bright children and sent them to some of the best colleges in America.

He acknowledged those who have been on Kwajalein a long time and asked them to help the ones just arriving.

He also said he was grateful for the chance to spend time with children in the schools system and the chance to work with the Marshallese government.

Reed then thanked Ambassador Bishop for his mentorship and LTG. Campbell for his leadership.

He also thanked Michael Schexnayder, Dr. Rodney Robertson and Mr. George Snyder for the commitment they made to Kwajalein.

“I will never forget the Marshallese and American friends I have made,” said Reed.

He continued, “It is an honor to hand off the com-

mand to such a qualified officer as Frederick Clarke.

Reed concluded by thanking God and his family who have supported him for 25 years and the Kwajalein community for their support, smiles and prayers.

Col. Frederick S. Clarke then spoke to the audience.

“It is truly an honor for my family and I to be here on this beautiful paradise atoll,” he said. “And it is a privilege to serve the community.”

He continued, “I would like to wish Steve Reed and his family all the best.”

Clarke said he was humbled by the presence of the Marshall Islands leadership and that he was looking forward to a continuing relationship with the people of the Marshall Islands.

“USAKA will remain



Col. Jerry Brown, 2002-2004



Col. Beverly Stipe, 2004-2006



Col. Stevenson L. Reed, 2006-2008

See COMMAND, Page 12



Col. Scott B. Cottrell, 1996-1998



Col. Gary K. McMillen, 1998-2000



Col. Curtiss L. Wrenn, 2000-2002



Col. Frederick S. Clarke, 2008-present

FAREWELL from Page 2

distinct honor and privilege for me.

I will also miss the many Marshallese who live and work on Kwajalein and Roi. I know that no other assignment will equal the challenge I have had during my time in command here. I can truthfully say that the Soldiers, civilians, and contractors make this installation a showplace for the Army. The hard work, the dedication, and the can-do attitude has allowed me to see that Kwajalein is a relevant location that will survive due to the hard work of so many individuals.

I also realize that there is still much work to accomplish with our renovation of our houses and the infrastructure. And yes, I realize

that we are moving along with the transformation of Kwajalein, but the plan is in place and now execution must continue until 2011 comes to a close. The command will continue to establish strong goals and objectives which are starting to be met day after day. To each of you, keep after these, passionately pursue these focused objectives with the caring, ethical leadership I've seen you display this last two years.

I think the obvious bright future for Kwajalein can be directly attributed to the many initiatives taken to make this premier major range test facility base a better place to live and work.

Thanks for all you do every day. I

bid you all a fond farewell and rest assured whenever the opportunity arises I will return to visit USAKA.

I know that you will be in great hands with Colonel Frederick S. Clarke and his lovely spouse, Veronique and daughter Savannah, who are the newest family of the Kwajalein community. I wish them the best in this assignment and know that you are in excellent hands as he assumes command of USAKA.

In closing, I leave you with one of my favorite scriptures in the Bible. 2 Timothy 4:7, "I have fought the good fight, I have finished the race, I have kept the faith."

God Bless each of you

COMMAND from Page 11

committed to the development of the operational and core competencies of the mission," he said. "The command will continue to transform in order to have a viable future."

He said that through challenging times, he would not forget the commitment to the workforce. He said he would strive to provide a quality of life for their service.

"I know we share a common interest with our host

nation. Future challenges will require cooperative solutions," Clarke said. "My wife Veronique and my daughter Savannah look forward to learning the rich culture of the Marshallese."

He added that his family looked forward to meeting the rest of the community. The benediction was given by Rev. Rick Funk.

A reception followed immediately after the ceremony.



U.S. Ambassador Clyde Bishop speaks at the ceremony.



RMI Minister Christopher Loeak speaks to the audience about the change of command.



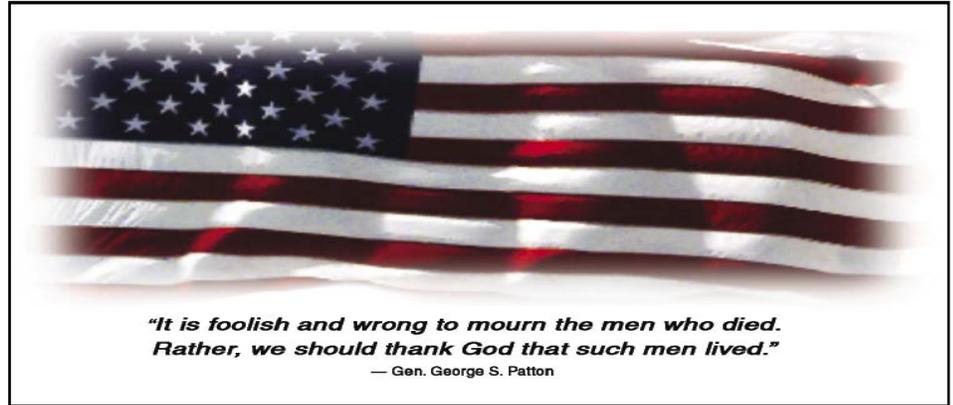
Yvonne Reed, Veronique Clarke and Savannah Clarke chat while waiting for the ceremony to begin.

Three servicemembers die in Global War on Terror

Pfc. Ivan I. Wilson, 22, of Clearlake, Calif., died July 21 while supporting combat operations in Helmand province, Afghanistan. He was assigned to the 2nd Battalion, 7th Marines, 1st Marine Division, I Marine Expeditionary Force, Twentynine Palms, Calif.

Spc. Seteria L. Brown, 22, of Orlando, Fla., died July 25 in Sharana, Afghanistan, of injuries sustained in a non-combat related incident. She was assigned to the 62nd Engineer Battalion, 36th Engineer Brigade, Fort Hood Texas.

Staff Sgt. Faoa L. Apineru, 31, of Yorba Linda, Calif., died July 2, 2007, from wounds sustained while supporting combat operations in Al Anbar province, Iraq. He was assigned to Headquarters Company,



23rd Marines, 4th Marine Division, Marine Forces Reserve.

Staff Sgt. Apineru was wounded on May 15, 2005. After his death on July 2, 2007, the initial medical examiner concluded that Apineru

did not die from injuries sustained during his deployment, but a subsequent opinion by the Armed Forces Institute of Pathology indicated that his death was a result of his injuries sustained in Iraq.

Range operation scheduled for Sunday

A range operation is scheduled for Sunday. Backup days for the operation are scheduled through Aug. 6.

The mid-atoll corridor will be closed from 4 p.m. (local) July 29 through mission completion. Both the east and west reefs

within the mid-atoll corridor are closed.

A broad ocean caution area will be in effect from 10 a.m. until 5 p.m. (local), Sunday.

The broad ocean caution area extends east of Omelek.

If backup days are required, the

broad ocean caution is in effect each backup day.

Questions regarding the above safety requirements for this mission should be directed to USAKA Command Safety Directorate, Kwajalein Range Safety Officer at 51910.

Juon ien kokemelmol missile enaj koman ilo ran in Sunday 3 August 2008. Ne ejab dedelok jerbai in kokomelmol kein ilo ran in ba kake, renaj jerbali manlok nan 6 August 2008. Ene ko ilo iolap in aelon in renaj kilok jen 4 awa elkin raelep ilo 29 July 2008 nan ne enaj dedelok aer jerbai in kokomelmol kein. Aolep ene ko relik kab reiar iloan Aelon in rej kilok. Malo eo im enaj kauwotota ej malo eo tulik turearlök in OMelek.

Ne ewor am kajitok jouj im call e lok Kwajalein Range opija ro ilo 5-1361

BOA SURFACE AREAS:

Caution Area Coordinates:

LATITUDE

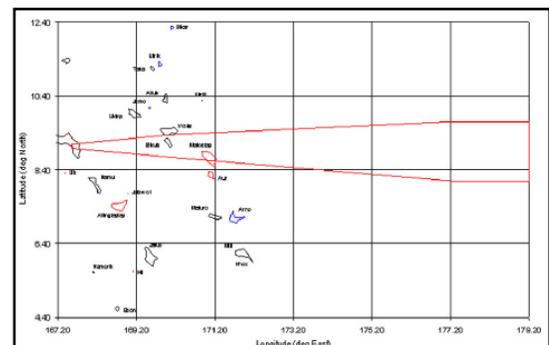
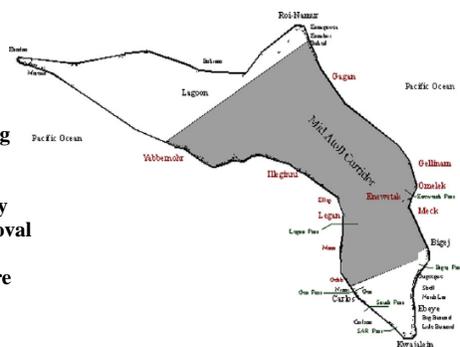
LONGITUDE

9.100N
9.350N
9.700N
9.700N
8.100N
8.100N
8.750N
8,990N

167.570E
170.000E
177.250E
179.200E
179.200E
177.250E
170.000E
167.570E

Kwajalein Atoll: Mid-Atoll Corridor Lagoon Caution Area

Kwajalein Atoll: Reference the mid-atoll caution map. No surface vessels shall be permitted in this area during the identified caution times (starting T-4 days, until released by the Range Safety Officer) without prior approval from the Command Safety Directorate. The area closure is indicated by the "red flag system".



Broad ocean area caution

HELP WANTED

KRS and CMSI job listings for On-Island positions will be available at the Kwajalein, Roi-Namur and Ebeye Dock Security Check Point bulletin boards, the bulletin board outside of DVD Depot, the Roi-Namur Terminal/Post Office bulletin board and at Human Resources in Building 700. Job listings for Contract positions are available at www.krsjv.com and on the bulletin board outside of DVD Depot and on the Roi-Namur Terminal/Post Office bulletin board. Full job descriptions and requirements for Contract positions are located online at www.krsjv.com.

NEED EXTRA money? KRS employment applications are continually accepted for all Community Services Departments and the Human Resources Temporary Pool for Casual Positions such as: Sport officials, scorekeepers, delivery drivers, lifeguards, medical office receptionists, temporary office support, etc. Questions? Call 54916.

U.S. Army Kwajalein Atoll

OFFICE AUTOMATION ASSISTANTS, GS-0326-6. Temporary position not to exceed two years. The employee provides clerical support to ensure efficient office operations. The employee accomplishes various duties to provide essential office automation support and production. The employee performs a variety of assignments using the advanced functions of various database software packages. The employee prepares varied documents with complex formats using the advanced functions of word processing, desktop publishing, and other software types. The employee performs systems maintenance functions for electronic mail systems. The employee performs a variety of assignments using the advanced functions of one or more spreadsheet software packages. The employee performs a variety of secretarial and other clerical and administrative functions, using judgment to answer recurring questions and resolve problems. Apply at <https://cpolwa.pp.belvoir.army.mil>.

VETS' HALL

BARTENDER AND BAR BACK. Call Brianne, 53074 or 52279.

AIRSCAN PACIFIC

MECHANICS HELPERS for Aviation Maintenance Department. Must be able to lift 70 pounds, pass a drug test, possess or be able to obtain a driver's license and be able to read,

write and understand English. Applications will be taken at the AirScan administration office in Building 902. No phone calls.

PATIO SALES

SUNDAY, 6:30-8:30 a.m., Quarters 432-B. Recliner, bed, plants, dishwasher and clothes. No early birds.

SUNDAY, 4-6 p.m. and MONDAY, 7 a.m.-noon, Quarters 431-B. PCS sale.

MONDAY, 7 a.m.-?, Dome 176. Multi-family sale. Baby items, toddler clothes, toys, household goods and computer desk.

MONDAY, 8 a.m.-noon, Quarters 118-F. Multi-family sale. Plants and children's clothing.

MONDAY, 8 a.m.-noon, Trailer 592.

FOR SALE

SEA-DOO CHALLENGER jet boat and boat house on Lot 311, \$10,000 or best offer. Call Sandy, 54152 or 58990.

DANBY DISHWASHER for 400 series housing, 18-inches wide, 25-inches deep and 36-inches high, holds eight full place settings, multiple wash and temp settings, adjustable upper rack, super quiet, paid \$365, will sell for \$325; under sink 30-gallon trash container and 9-foot by 12-foot carpet padding. Call 52342.

COMPUTER DESKS, two, \$25 each; Hewlett-Packard scanner, \$25; patio cover, \$100, LCD monitors, \$100 each and cannister vacuum, \$20. Call 52316.

COOLERS \$ 10 each; ironing board, \$5; beach chair, \$5 and woman's Size nine K2 rollerblades, \$15. Call 51684.

COFFEE TABLE, \$25; lots of blooming flowers and plants, \$3-35; bowling ball, bag and shoes, \$30; 24-inches by 54-inches by 1/4-inch plexiglass, \$3; footlocker, \$20 and 48-inches CD storage cabinet, \$50. Call 52609.

TWO PENN 130 REELS. Call 59081 or 59335.

DISHWASHER, \$50; various plants; king-size bed, \$100 and recliner, \$50. Call 58565.

BLACK STEREO SYSTEM, includes two speakers, plays Cd's/radio, AM/FM cassette player, doesn't work, plays up to five discs, \$45. Call 50167.

GIRL'S HEELYS, white and pink, size six, worn three times, very clean and in very good condition, \$30. Call 50165.

Religious Services

Catholic
Saturday Mass, 5:30 p.m., in the small chapel.
Sunday Mass, 9:15 a.m., in the main chapel.
Mass on Roi is at 12:30 p.m., in Roi chapel.

Protestant
Sunday
8 and 10:45 a.m., on Kwaj and Roi-Namur service at 4 p.m.
Sunday school for all ages is at 9:15 a.m.

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

Latter-day Saints
10 a.m., Sunday, in
Corlett Recreation Center, Room 3.

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

TOSHIBA LAPTOP, AMD dual-core 1.9 GHZ, 2GB RAM, Windows XP installed, but comes with Vista Home Premium discs, four USB ports, one firewire port, memory card slot, wireless and Ethernet adapters, 160 GB HD, very bright 15.4-inch display, DVD/CD burner, \$600. Call Alan, 54165 or 58792.

DOC LAUSCH surf prescriptions, hollow carbon s-core 6'2 surfboard with fins stomp pad, like new, \$500; full set of kite gear, 16M Naish X2, 12M RRD, two sets bar and line, harness and liquid force board, all in great condition, \$1,800. Call 56057, or email wavehungry@hotmail.com.

PRE-PCS SALE. Makita table saw and compound miter, saw, electric lawnmower and weed eater, 100-foot extension cord, storage sheds, three rolls of bamboo fencing, aquariums, 75-gallon and 30-gallon, HDTV antenna with amplifier and home-brew supplies. Call 53832, after 5 p.m.

2002 TROPHY 25-foot boat, looks and runs great, twin Mercury 150-horsepower saltwater series motors, hard top, outriggers; VHF, GPS/ depth finder, marine head, sink, transom shower, wash down, aft cabin type storage or sleeping area, on newly sand-blasted/painted trailer, boathouse 310, \$40,000. Call Corinne or Gary, 54507, evenings.

HEWLETT PACKARD 882 color printer with ink cartridges, \$20 and three-person futon, \$50. Call 54778 and leave a message.

PCS SALE. Boat, 21-foot, fiberglass hull, bimini top, 225-horsepower outboard, 50-gallon fuel tank, radio, safety equipment, trailer and

Lunch

Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Aug. 8
lowa chop	London broil	Hamburger steak	Meat lasagna	Fried chicken	Mambo pork roast	Corned beef/cabbage
Sesame ginger tofu	Salmon croquettes	Sweet-and-sour pork	Spinach lasagna	Barbecued spare ribs	Jerk chicken wings	Irish lamb stew
Chicken nuggets	Pork pimento	Bacon/cheese quiche	Chicken stir-fry	Macaroni and cheese	Tofu with vegetables	Tuna casserole
Grill: N/A	Grill: Brunch station open	Grill: Brunch station open	Grill: Italian burger	Grill: Cajun burger	Grill: Ham stackers	Grill: Cheese sandwich

Dinner

Tonight	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
Pancake supper	Minute steak	Grilled short ribs	Beef pot pie	Swiss steak	Top sirloin of beef	Herb chicken
Beef briskit	Marinated salmon	Chicken divan	Tostados	Chicken nuggets	Chicken Monterey	Beef stew
Chicken stir-fry	Chicken stew	Vegetarian tofu	Ahi casino	Vegetarian lentils	Vegetable chow fun	Quesadillas

Café Pacific

house, \$8,400; boat, 27-foot fiberglass Crown Line cabin cruiser, 350 merc, stern drive, 15-horsepower kicker, trailer and house. \$22,000 and Bose 901 speakers with Bose EQ, \$300. Call 59662.

MICROWAVE OVEN, \$50; ocean kayak, \$150; bicycle rack, \$20; hammock, \$20; cabana umbrella with crank, \$25; bunk bed with drawers/desk, \$300; loft – full/twin, \$75; blender, \$15; Morgan Out island sailboat, with boathouse and mooring, \$5,000 or best offer and 22-foot Boston Whaler with trailer, \$17,000. Too much to list. Call 54991.

WHITE MINI-BLINDS (six) for 400-series housing, \$20 each. Call 52161, after 4 p.m.

GE NAUTILUS portable dishwasher, great condition, \$125 and butcher block top kitchen cart, \$25. Call 54676.

FISHING SUPPLIES (hooks, heads, skirts, leader, crimps, and more), \$400 or best offer; wet suit, 5mm woman's small, \$15 and plastic shelving unit, \$20. Call 54519.

COLLAPSIBLE two-drawer mobile kitchenette, great for bachelor quarters, \$30; Apex DVD player and seven-speaker surround sound system, good condition, \$100; woman's bicycle, less than one year old, paid \$300, will sell for \$80; snorkeling mask, new, never used; and Hawaiian sling, will only sell as combo, \$40. Call 52910 and leave a message.

DISHWASHER, \$50 and Navy blue carpets for 400 series house (five), \$30 each. Call Gina or David, 53990.

GUITAR, 12-STRING Larrivee, J-09, jumbo solid rosewood and spruce, near mint condition, see Acoustic Guitar Magazine, March 2008, for information, \$900 or best offer. Call 51061, after 6 p.m.

VHF/FM MARINE RADIO and charger, \$120; pots and pans, \$25; drinking glasses, Kitchen Aid, heavy-duty, \$150; Simac gelato/ice cream maker, \$100; Cuisinart DLC-7, \$100; computer desk and chair, \$25; shoe rack, \$10; shelving, assorted, rollerblades, woman's size 9, \$15.00 and digital phone, \$30. Call 52935.

JVC REAR PROJECTION 48-inch TV, \$550; Olympus digital camera with underwater housing, \$250; men's rashguards size medium-extra-large, new, \$20; Cabrinha harness/impact vest, new, \$30 and extreme water scooters, new, \$100. Call 52813 and leave a message.

GRADY-WHITE 240 off shore boat with Yamaha 150-horsepower outboard motors, 150-gallon fuel tank, stereo, VHF, and dual-axle trailer, cabin with lots of storage space, lots of spare parts including two Yamaha engines, located on Boat Lot 4, \$35,000 and two Penn 130 reels. Call 59335 or 59081.

COMMUNITY NOTICES

RED PIN BOWLING will be held 1-4 p.m., Sunday, at the Bowling Center. Questions? Call 53331.

JOIN UNACCOMPANIED residents for a barbecue, 6:30-8 p.m., Sunday, at Emon Beach main pavilion. Bring something to put on the grill. No alcohol.

THE KWAJALEIN GOLF ASSOCIATION will hold a Backwards Fun Tournament Monday. It will be a 10 a.m. shotgun start. Registration begins at 9 a.m.. Be at the course by 9:30 a.m. Format is nine-hole scramble with course played in reverse. Five



Col. Frederick S. Clarke would like to thank all of the people and departments involved in making the Change of Command ceremony a successful and memorable occasion. Many went to great lengths to make it happen. Their efforts are greatly appreciated.

HELPFUL
• Safety
• Economy
• Family Fun

News to Use



Do you have news you would like to share about your club, private organization or work department? Do you have an interesting story and photos of a vacation trip? How about a scuba dive with great photos you took? Have you got a good fish story?
The Hourglass welcomes submissions of news articles written by members of the community. You can submit articles to the USAKA Public Affairs Officer, Vanessa Peeden, at vanesa.peeden@smdck.smdc.army.mil

The next Boater's Orientation Class is scheduled for 6-8:30 p.m, Wednesday and Thursday, in Corlett Recreation Center Room 1. Cost for the class is \$30, payable in advance, at the Small Boat Marina. Questions? Call 53643.



players per team. \$25 for KGA members, \$35 for non-members. Call Larry Cavender, 52406, or e-mail larry.cavender@smdck.smdc.army.mil.

BINGO NIGHT will be Thursday, at the Pacific Club. Card sales begin at 5:30 p.m., Bingo play begins at 6:30 p.m. Blackout at 57 numbers with a \$1,100 prize. Windfall completion at 29 numbers with a \$2,000 prize. Must be 21 to enter and play, bring identification.

JOIN THE VETS' HALL at 6 p.m., Aug. 10, in wishing Mike Tracy a safe deployment to Iraq. Brats, chicken and hot dogs provided. Bring a side dish to share.

A PHOTO EXHIBITION will be at 5 p.m., Aug. 11, in the Religious Education Building.

NEW CARPET is being installed in Community Activities Center Rooms 6 and 7. No reservations for those rooms can be taken until Aug. 30. Questions? Call 53331.

BIKE RENTAL is now available thru Kwaj Lodge. Call 53477.

FAMILIES THAT HAVE withdrawn their children from the Child Development Center and/or School

Age Services before and after school programs must visit the Central Registration office to re-enroll for services prior to attending. Registration for the Before and After school program must take place not later than Aug. 16. The SAS before and after school program will begin on Aug. 19. For more information please contact Micah Johnson at 52158.

THE MOBILE KITCHEN will hold a shrimp fest Aug. 30, at Emon Beach. Menu to include shrimp cocktail, garden salad, dinner roll, shrimp boil with potatoes and vegetables, angel food cake with whipped cream and strawberry sauce, beer and wine. Cost is \$35 for meal-card holders and \$40 for non-meal-card holders. For payment see Maria Curtiss at the Food Service Office in Building 805 next to the Bowling Center or call 53933.

THE VETS' HALL hours of operation are as follows: 4:30 p.m.-midnight, Friday; 4:30 p.m.-2 a.m., Saturday and 7 p.m.-midnight, Sunday.

EMPTY PROPANE tanks can be returned to the 816 Essential Store for refund. Hours are: 9 a.m.-1 p.m., Mondays and 2-6 p.m., Tuesday through Saturday.

GOOD FOR US, from Page 2

many manufacturing jobs that have been lost and the small American companies forced out of business by free trade.

I could tell you how free trade has added to our \$800 billion trade deficit.

I could tell you how we have to borrow \$2 billion a day from China and other countries to finance the debt we've accumulated because of free trade and globalization.

And this Tuesday, the government announced that in 2009, the federal deficit will be the largest in American history — nearly \$500 billion (not including another \$80 billion in war costs).

Our government blames the record deficit on the slowing economy and the 'stimulus' checks sent out totaling more than \$150 billion.

Some of you may recall I wrote a column at the time the stimulus was announced asking just where the money for those stimulus checks was coming from. I guess we know now. The government just put it on the tab for future generations to deal with. The government's answer to our problems is to keep printing more and more money even though that makes our

money less and less valuable.

We've more than doubled our national debt to a staggering \$9 trillion in the past eight years?

If the federal government had followed any kind of common sense fiscal responsibility we wouldn't have needed those stimulus checks and our economy wouldn't be in such a shambles.

Yes, we owe a lot to free trade, globalization and deregulation.

But we don't owe nearly as much as the ones who have visited all these economic disasters on us. *They* owe us big. So much in fact, I don't think they could ever make it right again.

Everything I've said here you should already know about. And it should make you angrier than you've ever been in your lives.

If what free trade has done to our country doesn't make you angry, then I could tell you how banks and big financial institutions lobbied our congressmen and got deregulation passed.

Since then, nobody has been overseeing the banking industry, financial institutions or the commodities market.

Deregulation of the banking system led to the subprime housing

disaster and deregulation of the commodities market contributed to oil costing \$140 or more per barrel because unregulated speculation keeps driving the price higher. (It's good for Bullmoose).

Why aren't hundreds of people going to jail over what's happened to the country?

Our politicians will keep singing that 'Good For Bullmoose' song as they keep pocketing lobbyist money.

It's an unfortunate fact of American life that while what's good for Bullmoose *isn't* good for the U.S.A., the Bullmooses of the world have more money than us to buy what they want. So our politicians will keep taking money from the big companies and foreign interests, and they'll keep selling us out, and they'll keep feeding us garbage about free trade.

I'm a firm believer that when the government or a big corporation says it's good for America, we better look out — we're about to get hosed.

Yeah, what's good for General Bullmoose is good for the U.S.A. all right — or at least what's left of it.

PRINZ EUGEN, from Page 5

'Bruno', 'Cesar', and 'Dora'.

With the exception of 'Anton', the turrets have fallen out of their mounts. These turrets were held in place by gravity only, so naturally when the ship rolled over, they fell out. The remains of the turret mechanisms can still be seen from a safe distance and provide an interesting look at naval engineering.

The superstructure, crumpled against the sand, is a fun place to explore, although there is little left inside the flag and signal bridges. There is even a torpedo room nearby with live torpedoes still in their racks. A four-barreled anti-aircraft gun, a 5-inch gun mount, and a fire control director for the secondary armament are the other major features in this area.

Continuing past the superstructure and a nearby

debris field, you can easily see the two aft 8-inch turrets, 'Cesar' and 'Dora', lying on the lagoon floor. After passing the turrets, it's an easy ascent along the side of the ship and back to the surface. This is also a great time to go check out the starboard screw, as this is an ideal place for the required three-minute decompression stop at 15 feet.

The *Prinz Eugen* is just one example of what makes diving at Kwajalein Atoll so unique, and unlike anywhere else in the world. The wreck provides a snapshot of an era when the world erupted in a global war, followed by a nuclear arms race. Now the ship lies quietly, serving as an artificial reef for the marine life that abounds on and near the wreck, making it a great dive location for history buffs and nature enthusiasts alike.

Weather courtesy of RTS Weather

Saturday: Mostly cloudy, 60 per cent showers. **Winds:** E-SE at 8-12 knots.
Sunday: Partly sunny, 20 per cent showers. **Winds:** E at 5-10 knots.
Monday: Mostly sunny, 20 per cent showers. **Winds:** ENE-E at 8-12 knots.
Tuesday: Partly cloudy, 40 per cent showers. **Winds:** SE at 5-10 knots.
Wednesday: Partly sunny, 20 per cent showers. **Winds:** E-SE 5-10 knots.
Thursday: Mostly sunny, 20 per cent showers. **Winds:** ENE-E at 8-12 knots.
Aug. 8: Mostly sunny, 30 per cent showers. **Winds:** ENE-E at 5-10 knots.

Annual total: 44.00 inches
 Annual deviation: -4.02 inches

Call 54700 for updated forecasts or visit www.rts-wx.com.

Sun • Moon • Tides

	Sunrise/set	Moonrise/set	High Tide	Low Tide
Saturday	6:29 a.m./7:03 p.m.	10:28 a.m./10:37 p.m.	4:43 a.m., 5.0' 5:09 p.m., 3.9'	11:09 a.m., 0.9' 11:02 p.m., 0.6'
Sunday	6:29 a.m./7:03 p.m.	11:15 a.m./11:17 p.m.	5:20 a.m., 5.0' 5:43 p.m., 4.0'	11:42 a.m., 0.8' 11:38 p.m., 0.6'
Monday	6:29 a.m./7:03 p.m.	12:03 a.m./11:59 p.m.	5:53 a.m., 4.8' 6:15 p.m., 4.0'	12:13 a.m., 0.7'
Tuesday	6:29 a.m./7:03 p.m.	12:52 a.m./	6:25 a.m., 4.5' 6:47 p.m., 3.9'	12:13 a.m., 0.4' 12:41 p.m., 0.5'
Wednesday	6:29 a.m./7:03 p.m.	1:42 p.m./12:04 a.m.	6:54 a.m., 4.0' 7:18 p.m., 3.7' 7:50 p.m., 3.5'	12:46 a.m., 0.1' 1:08 p.m., 0.2' 1:33 p.m., 0.2'
Thursday	6:29 a.m./7:03 p.m.	12:03 a.m./ 11:59 p.m.	7:21 a.m., 3.5' 7:50 p.m., 3.5'	1:20 a.m., 0.3' 1:33 p.m., 0.2'
Aug. 8	6:29 a.m./7:03 p.m.	3:26 p.m./2:21 a.m.	7:48 a.m., 3.0' 8:26 p.m., 3.1'	1:56 a.m., 0.7' 1:58 p.m., 0.5'