

# THE KWAJALEIN HOURGLASS



VICTOR BURNLEY, AT RIGHT, GIVES LT. GEN. JAMES DICKINSON, COMMANDER OF U.S. ARMY SPACE AND MISSILE DEFENSE COMMAND, A TOUR OF THE WORTHY SHIP'S INSTRUMENTATION FEB. 20 ON KWAJALEIN.

○ JESSICA DAMBRUCH

## THIS WEEK

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# SMDC COMMANDER RECOGNIZES USAG-KA TROOPS, CIVIL SERVANTS

HOURLASS REPORT



**Lt. Gen.** James Dickinson, commanding general of U.S. Army Space and Missile Defense Command, spent time on U.S. Army Garrison-Kwajalein Atoll this week to recognize the achievements of the garrison's civil servants and active duty service members for outstanding service to the Command in their respective work areas. Awards were presented during a town hall meeting with the Kwajalein community Wednesday, Feb. 21.

- 1) Jake Hansen
- 2) Gary Kohler
- 3) Lt. Ryan Brocksmith
- 4) Capt. Craig Behler
- 5) Theodore Tyson III
- 6) Michele Beaton, left, Diana Aadland and Mischel Niedringhaus
- 7) Michael Sakaio
- 8) Michele Beaton was additionally recognized for 25 years of service to the U.S. government.

## THE KWAJALEIN HOURLASS

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.

The Kwajalein Hourglass is an authorized publication for military personnel, federal employees, contractor workers and their families assigned to U.S. Army Garrison-Kwajalein Atoll. Contents of the Hourglass are not necessarily official views of, or endorsed by, the U.S. Government, Department of Defense, Department of the Army or USAG-KA. It is published Saturdays in accordance with Army Regulation 360-1.

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# PREP YOUR SURVIVAL KIT

## HOURLASS REPORT

Say a **USAG-KA-wide disaster strikes**, one that cuts off residents' access to electricity, water, shopping and communications. Will you and your family be ready? Read on to learn about the sundry items to go out and grab in order to complete your own survival kit. In the event of a crippling event, such as a destructive typhoon, you'll be glad you did.

First grab a large travel bag or suitcase and then cram it with these items. This is what you'll want to bring along to the evacuation shelter in the event of a disaster.

- 1) A one-gallon jug of water for each member of your household
- 2) A one-day supply of non-perishable food to cover every person in your household
- 3) Manual can opener
- 4) Eating utensils, plates, cups and so on
- 5) Sensible clothing
- 6) Rain gear, such as ponchos
- 7) One blanket for each family member
- 8) First-aid kit
- 9) Short-term supply of all required prescription medications taken by members of the household
- 10) Short-term supply of common over-the-counter medications and medical supplies
- 11) Personal hygiene items like travel-sized shampoos, soaps, toothpaste, sanitizer and toilet paper
- 12) Battery powered radio
- 13) Flashlight
- 14) Fresh batteries
- 15) Entertainment items for kids—books and small toys
- 16) Plastic bags to protect items from water
- 17) Pet food

In addition to preparing a go bag to take along to the evacuation shelter, you should also prepare a post-disaster supply kit. This should be packed in a water-tight container and left inside your living quarters. It could be a game changer during the post-disaster phase after residents clear out of evacuation shelters. Here's what you'll need.

- 1) A three-day supply of freshwater for each person in your household. \*At least one gallon per person per day
- 2) Three-five-day supply of non-perishable food to cover all family members
- 3) Hats
- 4) Sunscreen
- 5) Insect repellent
- 6) Baby wipes
- 7) Towels
- 8) Matches and/or lighters for starting fires
- 9) Propane or charcoal for grill
- 10) Short-term supply of all required prescription medications taken by members of the household
- 11) Short-term supply of common over-the-counter medications
- 12) Pet food



U.S. Army photos by Jessica Dambruch

Garrett Day and Brian Arrington Jr. are among the students in the Kwajalein Jr.-Sr. High School Robotics Club, a Kwaj STEM initiative that conducts outreach with elementary students.

## GSES STEM FESTIVAL SEEKS SCIENTISTS

### HOURLASS REPORT

**Calling all scientists!** George Seitz Elementary School wants members of the Kwajalein science and engineering community to participate in an upcoming STEM Festival. The event is open to elementary school students and will take place from 8:30-11:30 a.m. March 15. Any member of the local science community is invited to join the fair to share their technical expertise and love of science with the garrison's school-aged science enthusiasts.

"The main goal is to generate excitement for learning STEM topics and awareness about STEM careers, particularly all the interesting work people do here on Kwaj," said event coordinator Heather Miller. As she plans the event she is inspired by the talent and knowledge of the Kwaj community.

"Some kids don't even realize what their parents do at work. We have a lot of expertise, and I want to bring that to the school."

Interdisciplinary STEM (science, technology, engineering and math) curriculum in public education has led to greater creative opportunities for students to study and learn about science by overlapping traditional study with technical and hands-on learning opportunities. Exposure to STEM events in schools can also encourage students to plan future careers in fields like mechanical engineering, robotics, environmental science and haptic and virtual reality technology. At Kwajalein's STEM Festival, students can expect to learn more about the unique role that science plays in the daily mission of U.S. Army Garrison-Kwajalein Atoll.

Miller, who taught life science courses in middle and high schools for 12 years, encourages anyone with an interest in science or math and a passion for learning to share their expertise with students on March 15.

"We'll have subject matter experts in their field, hands-on activities and chances for kids to learn with their classmates," says Miller. She encourages great ideas. Practical science demonstrations involving machinery, safety, equipment and biology are also welcome.

Reach out to Heather Miller at 5-5642 and heathershaw-miller@yahoo.com for more information.



BY JORDAN VINSON

**Featured** in the lower right corner of the above photo is a whitecheek surgeonfish (*Acanthurus nigricans*) photographed at the November Buoy coral head just off Kwajalein last weekend. This species of reef fish is rather common at Kwajalein Atoll and in the greater Marshall Islands. It is also found in some regions of the eastern Indian Ocean, namely the Cocos-Keeling Islands, and in much of the Pacific, from the Ryukyu Islands and the Great Barrier Reef, to French Polynesia and the Pacific coast of Mexico.

The whitecheek surgeonfish gets its name from the white blotch under its eyes, a thick touch of pearl mascara contrasting with its nearly all-black body. However, this species is more easily identified by the yellow rim of pigment along its dorsal fins (not incidentally, another common name for the species is the golden rim surgeonfish). Its white tail and small accents of iridescent blue along its underside, its mouth and in small lines running on

the outer tip of its dorsal fins are also signifiers of the species.

One tidbit few people reading this will know is that the whitecheek surgeonfish you see while snorkeling or scuba diving may be older than you. Though rather small in size, they can live to around 34 years in some cases.

During its long lifespan, the fish will inhabit hard substrate areas of seaward reefs and in sheltered lagoon waters, avoiding the surge zone of the ocean surface above. They feed mostly on algae, which as the photo above shows is plentiful, and they rule their individual territorial zones. Though a territorial species, the whitecheek surgeonfish can be found with its monogamous partner and also within larger groups of similar fish. At the November Buoy coral head, for instance, you'll find scores of the fish alongside butterfly fish, angelfish, parrotfish and plenty of other reef fish, all living together among the rich forest of hard and soft corals at the coral head.



📷 Courtesy of Jordan Vinson

*Whitecheek surgeonfish live side by side with an array of other reef fish at the November Buoy coral head, as seen in this Feb. 19 photo.*

# KWAJ YOUTH TACKLE FINANCIAL SKILLS

## HOURLASS REPORT

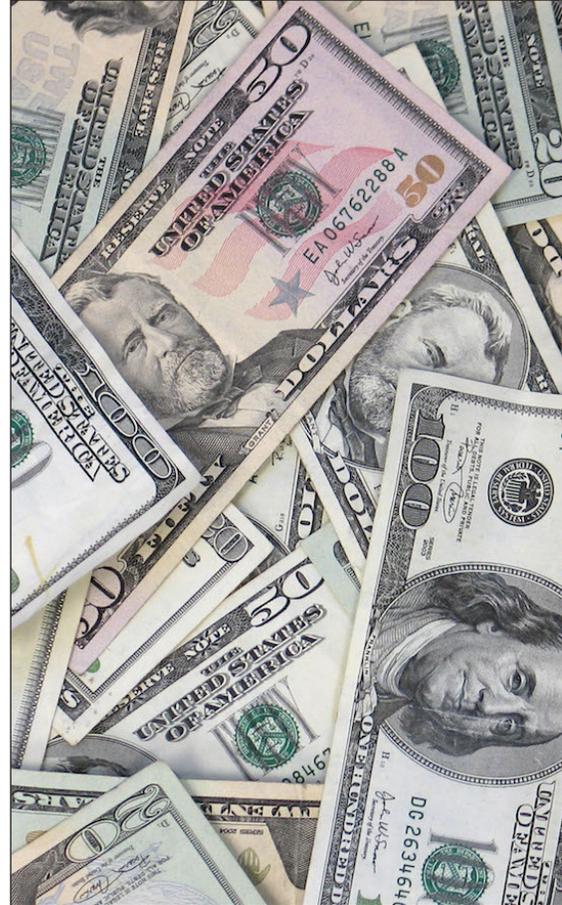
**Studies show** that many students are graduating without basic financial skills. As young adults, their first exposure to real-life situations can result in costly mistakes and overwhelming debt.

Students in Mary Brown's computer and technology courses participated in a Kwajalein High School pilot of the H&R Block Budget Challenge during the months of October, November, and December. The online simulation replicated real-world budgeting and personal finance decision-making. By paying bills on-time, investing in a 401k, managing student and auto loans, taking quizzes and more, students earned points and competed against others in the U.S. for scholarships.

Abigail Bishop proved she knows her dollars and cents by ranking 316th out of over 15,000 other students across the U.S. Abigail was in the 99.1 percentile. Fellow KHS senior students Celie Burnley ranked 954 and Aidan Alejandro ranked 1599. An incredible feat with tough competition!

Eighth graders Morgan Dethlefsen and Kim O'Rourke both scored above 80 percent. With more exposure to personal finance concepts, these students and others will continue to learn how to manage their money in preparation for adulthood.

Out of the 1,560 teams that participated in the H&R Block Budget Challenge across the United States, the Kwajalein Spartan Team came in 456th.



# RESIDENTIAL PHONE AND INTERNET SERVICE UPDATE

## HOURLASS REPORT

### Residential Phone Service

Residential on-post phone service may terminate March 1. NETCOM has approved on-post residential emergency 911 calling for residents of U.S. Army Garrison-Kwajalein Atoll.

Beginning March 1 residents will be able to make emergency calls from any phone in the garrison. It is anticipated that an emergency phone tree plan will be initiated to alert island residents in the event of a family emergency.

SMDC, NETCOM and IMCOM are currently compiling a list of mission-essential personnel who will be entitled to long-distance calling privileges for work purposes. Those calling privileges are for work-related calls only and will require a work PIN number.

### Residential Internet Service

Residential internet has been extended until March 31 after which the Joint Venture will be the provider. The Joint Venture transition plan will begin taking customer information throughout the month of March to be ready to provide service April 1. There is no expected gap in residential internet service at this time.

- **ON-ISLAND RESIDENTIAL PHONE SERVICE MAY BE TERMINATED WEDNESDAY, FEB. 28.**
- **RESIDENTIAL INTERNET SERVICE IS BEING BRIDGED FOR CONTINUED SERVICE MARCH 1.**

### Emergency Notification

Prior to the anticipated break in on-post telecommunications services, Kwajalein residents are encouraged to inform off-island relatives of the proper telephone channels to convey emergency information to garrison residents.

### Emergency Contact Numbers

- The Provost Marshal: (805) 355-4445
- American Red Cross: (877) 272-7337.

Detailed calling instructions and contact information for the American Red-Cross are also listed on the AFN Roller channel.

### Preparation Reminder

Phone and internet service may be interrupted for a period of time. For safety and security, garrison residents should plan in advance to communicate with physicians regarding advance needs for

prescription medication and personal health supplies.

Residents are encouraged to consider making arrangements to fulfill obligations to financial institutions or distance learning higher education sites that may be impacted by a break in communications service. Residents have to use residential internet for VoIP local or long distance calling

### Pricing for VoIP Hardware and Service Plans

A limited supply of VoIP hardware should be available for purchase at AAFES Feb. 28. The end price for phone and internet service for garrison residents is as of yet unknown.

**The information in this update is current as of Friday, Feb. 23.**

Have something the  
USAG-KA commander  
needs to know?  
Your voice is valued.  
Call the Commander's  
Hotline at 51098.

## OFF-ISLAND EMERGENCY NOTIFICATION OPTIONS

As of March 1, 2018 residential phone service on USAG-KA will no longer include the ability to make or receive overseas phone calls. In the event of an emergency, family members can reach USAG-KA residents 24/7 by calling the USAG-KA Provost Marshal Desk at (805) 355-4445. The officer on duty will take a message about the emergency and notify the Kwajalein or Roi-Namur resident as soon as possible. This service is for emergency calls only and is not to be used for casual phone calls.

Another option is the American Red Cross Emergency Communications Center, which assists active duty military, reservists, retirees, civilians employed by or under contract to the DoD and stationed OCONUS, and their family residing with them. Red Cross emergency notification service is available 24/7 by calling toll free (877) 272-7337. The caller must have the following information ready for the operator:

### Personal Information:

- Full legal name of service member, DoD civilian or government contract employee
- Rank and Branch of service (if applicable)
- Full social security number, date of birth and military mailing address
- If deployed, information about deployed unit and home base unit

### Emergency details:

- Name and contact details for the immediate family member experiencing the emergency (parent, spouse, child/grandchild, grandparent, etc.)
- Nature of the emergency
- Where the emergency can be verified (hospital, doctor's office, funeral home, etc.)

## WEEKLY WEATHER OUTLOOK

RTS WEATHER STATION STAFF

**WEATHER DISCUSSION:** The current pattern is a typical dry season trade wind pattern. Surface trade winds are expected to be 15-20 knots from the northeast for next several days. Stray to isolated showers coverage through the weekend. Showers will be the short duration, fast moving variety. In the middle next week we may see an increase in showers south of Kwajalein, but for now it appears Kwajalein will stay on the dry side.

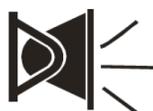
So far in February we have received 3.94 inches of rainfall, 158 percent of normal. The National Weather Service in Guam issued new drought statements for our RMI neighbors to the north and northeast, such as Wotje and Utirik. These atolls did not receive the same beneficial rains as Kwajalein during the month of January and are considered to be in a moderate severity of drought.

**SATURDAY/SUNDAY/MONDAY FORECAST:** Isolated showers and winds NE at 15-20 knots.

**MID-WEEK FORECAST:** Isolated showers and winds NE at 15-20 knots. Possibly scattered showers Wednesday and Thursday but confidence is low.

SUN-MOON-TIDES				
	SUNRISE SUNSET	MOONRISE MOONSET	HIGH TIDE	LOW TIDE
SUNDAY	7:05 a.m. 7:00 p.m.	2:15 p.m. 2:10 a.m.	12:27 p.m. 3.2' -----	5:25 a.m. 1.0' 7:26 p.m. 0.7'
MONDAY	7:04 a.m. 7:00 p.m.	3:15 p.m. 3:10 a.m.	1:29 a.m. 2.5' 1:52 p.m. 3.7'	7:16 a.m. 0.8' 8:34 p.m. 0.2'
TUESDAY	7:04 a.m. 7:00 p.m.	4:16 p.m. 4:10 a.m.	2:36 a.m. 3.0' 2:49 p.m. 4.2'	8:25 a.m. 0.3' 9:20 p.m. -0.4'
WEDNESDAY	7:03 a.m. 7:00 p.m.	5:17 p.m. 5:09 a.m.	3:23 a.m. 3.5' 3:34 p.m. 4.7'	9:15 a.m. -0.2' 9:59 p.m. -0.8'
THURSDAY	7:03 a.m. 7:00 p.m.	6:17 p.m. 6:05 a.m.	4:02 a.m. 3.9' 4:14 p.m. 5.0'	9:57 a.m. -0.6' 10:35 p.m. -1.0'
FRIDAY	7:03 a.m. 7:00 p.m.	7:14 p.m. 6:58 a.m.	4:38 a.m. 4.3' 4:50 p.m. 5.1'	10:36 a.m. -0.8' 11:08 p.m. -1.1'
MARCH 3	7:02 a.m. 7:00 p.m.	8:09 p.m. 7:48 a.m.	5:12 a.m. 4.4' 5:25 p.m. 5.0'	11:12 a.m. -0.9' 11:40 p.m. -1.0'

## THE USAG-KA SIREN WARNING SYSTEM



### KPD RECALL

One 10-second blast,  
10-second pause, 10-second  
blast, 10-second  
pause, repeated once.



### PENDING DISASTER

Two short blasts repeated  
five times at 25 second  
intervals



### FIRE RECALL

One minute-long blast



### ALL CLEAR

One 20-second blast



### EVACUATE TO SHELTERS

One three-minute warble

# COMMUNITY CLASSIFIEDS

## HELP WANTED

To research and apply for government employment opportunities on U.S. Army Garrison-Kwajalein Atoll and worldwide, visit [www.usajobs.gov](http://www.usajobs.gov).

Job Opportunities are available at RTS Weather Station. For full details and to apply see <http://www.aq-ast.com/careers req.#42>.

San Juan Construction is currently hiring for multiple projects on Kwajalein. If your contract is ending and you are interested in continued work on Kwajalein, please see our website at [www.sanjuanconstruction.com](http://www.sanjuanconstruction.com) for opportunities and to apply or call Tim Hughes, Corporate Recruiter at 970-497-8238.

## COMMUNITY NOTICES

Boys and Girls Club of America Variety Show. Sunday, Feb. 25 7-8 p.m. in the High School MP Room. The Boys and Girls Club of America is preparing to host the annual VARIETY SHOW! All are welcome for a fun and enjoyable night of skits, musical acts, and dances! Questions please contact Michael Hillman at 53796.

2018 YYWC Annual Silent and Live Auction Fundraising Event and Cocktail Party. March 4, 7 p.m. in the MP Room. Tickets are \$25. Each ticket includes two drinks (cocktails, beer, wine, soda) and fabulous food by some of Kwajalein's best cooks and bakers. All proceeds benefit education grants for Marshallese and Micronesian schools! Donations of goods, services and events are needed and appreciated! Contribute as a business or vendor, on your own, or get together with family or friends to create a basket for auction. Contact Amy Spock at [amy\\_keener@msn.com](mailto:amy_keener@msn.com) 5-0899 or Kiersta Bailey at [renbird74@gmail.com](mailto:renbird74@gmail.com) 5-4692.

Island Wide Clean-up. Please deposit household and unwanted yard materials and debris (excluding vegetation), curbside for pick-up by Solid Waste and Grounds personnel on—Monday, Feb. 26 and Tuesday, Feb. 27 between 8 a.m. and 5 p.m.

*The Kwajalein Hourglass*

Be a part of the GSES STEM Festival! Calling all Science, Technology, Engineering and Math professionals and enthusiasts to set up displays or demonstrations at our STEM Careers Expo March 15. Have a great STEM presentation and hands-on activity? Ask about becoming one of our STEM Specialty Session presenters! To participate please contact Heather Miller at 5-5642 or [heather-shawmiller@yahoo.com](mailto:heather-shawmiller@yahoo.com).

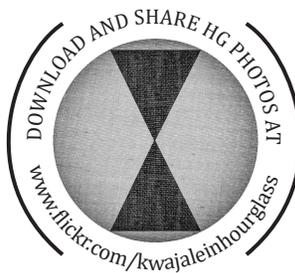
Calling all Singers! IMC Community Choir rehearsals will begin soon for the Sunrise Church Service Easter morning (Sunday, April 1) at Emon Beach. All singers are welcome. Practices will begin soon. For information email Heather at: [heather.ardrey@gmail.com](mailto:heather.ardrey@gmail.com).

Small Boat Marina Boat Licensing Course. Tuesday, March 6 and Thursday, March 8. CRC Room 1 from 6:30 - 8:30 p.m. All attendees must pre-register for the class at the Small Boat Marina. Questions, call 53643.

Are you new to Kwaj? Do you have kids? Come see us at CYS! We're here to help you and your family! CYS offers services for children ages 6 weeks through 18 years. Central Registration - Building 358. We're open from 7 a.m.-5:30 p.m. Phone: 5-2158.

Island Memorial Chapel Interdenominational Service will have a Good Friday Service on Friday, March 30 at 6:15 p.m. in the REB. Everyone is welcome to attend.

Island Memorial Chapel Interdenominational Service invites you to attend the Easter Sunrise Service on Sunday, April 1 at 6:30 a.m. on Emon beach. Breakfast will be serviced following services. There will be an 11:00am Easter Service on Sunday, April 1 in the main chapel.



## SIGN UP FOR A HEALTH WORKSHOP!

**Mindfulness in the Workplace.** Learn to become more present and connected to your day to day tasks. Group will provide strategies to improve communication with coworkers and supervisors, learn time management skills and methods of conflict resolution as well as discuss steps to let liberate your highest potential. Meet in the Hospital Conference Room on Wednesday for six weeks starting Feb. 21 through March 28. Call 5-5362 by Feb. 20 to confirm your attendance, leave message if call not answered.

**Smoking Cessation.** Please contact EAP at 5-5362 to enroll in group as it will be built based on interest. Not comfortable with a group setting, individual sessions provided during the workday.

# MOVIE SCHEDULE

Yuk Theater - Kwajalein

24 February (Double Feature)  
 • Daddy's Home 2 (PG-13)  
 • Murder on the Orient Express (PG-13)

25 February  
 • Thank You For Your Service (R)

26 February  
 • Three Billboards (R)

Tradewinds Theater- Roi Namur

24 February  
 Roman J. Israel (PG-13)

25 February  
 • The Shape of Water (R)

Adult Recreational Center

28 February  
 • Three Billboards (R)

All features begin at 7:30 p.m.

*Want to submit a message to the AFN Roller channel or the Kwajalein Hourglass? Send your messages and announcement text to [kwajafnroller@dyn-intl.com](mailto:kwajafnroller@dyn-intl.com) and [kwajaleinhourglass@dyn-intl.com](mailto:kwajaleinhourglass@dyn-intl.com).*

# BASE THEATER PROTOCOL

All U.S. Army Garrison-Kwajalein Atoll residents are reminded that it is military base movie theater protocol to stand and pay your respects during the playing of the National Anthem in the movie theaters.



## UNITED CHECK-IN TIMES

Monday, United 155—3:30-4:45 p.m.  
 Tuesday, United 154—11-11:30 a.m.  
 Wednesday, United 155—2:30-3:45 p.m.  
 Thursday, United 154—11:30 a.m.-Noon.  
 Friday, United 155—3:30-4:45 p.m.  
 Saturday, United 154—11-11:30 a.m.

## ATI CHECK-IN TIMES

Early departures—7:45-8:15 a.m.  
 All other departures—8-8:30 a.m.  
 \*Check with your ATI flight representative to confirm check-in and flight departure times.



# SMDC HISTORY: OPERATION ROCKING FORCE

## SMDC HISTORY

By Sharon Watkins-Lang  
SMDC Command Historian

**U.S. Army** Space and Missile Defense Command/Army Forces Strategic Command began January with a celebration of a new beginning with the 60th anniversary of Explorer I. In this date in history, the command will look at the beginning of an end. On this date, Feb. 15, 1976, the U.S. Army Safeguard Command initiated Operation Rocking Force.

The project involved a team of personnel. In addition to the military police company at the Stanley R. Mickelsen Safeguard Complex near Grand Forks, North Dakota, the team included personnel from the U.S. Army Ballistic Missile Defense Systems Command, U.S. Army Forces Command Soldiers from Fort Riley, Kansas, and Fort Carson, Colorado and airmen from Grand Forks Air Force Base, North Dakota.

This operation addressed the removal and disposal of all of the Safeguard missile warhead sections, including all classified missile components. Once the specified equipment was removed from each missile or group of missiles, closely monitored helicopter convoys ferried the equipment to the waiting cargo planes to be transported to various Army depots across the country.

According to the original planning documents, this mission would take approximately 14 weeks to complete, or about half  
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of the time designated for the complete removal of the missiles in the five Safeguard missile fields.

In fact, Operation Rocking Force was completed in 10 weeks. The coordination was "extremely successful" and realized a cost savings.

"This helicopter and C-141 operation was conducted in a timely and truly outstanding manner by all Army and Air Force personnel involved," said Maj. Gen Bennett Lewis, commander, Armament Materiel Command. "Coordination between Air Force and Mickelsen Safeguard Complex personnel and FORSCOM operating units permitted positioning and de-positioning of mission essential equipment and personnel on Military Airlift Command aircraft and afforded completion of airlifts on an accelerated schedule."

The last flight, originally scheduled for late May, was completed on April 29. By early May, all support personnel and equipment had returned to their home stations. At the end of Operation Rocking Force, the MP company was terminated with the personnel assigned to asset protection roles.

The next phase began soon thereafter with the removal and storage of the propulsion and control assemblies of the Sprint and Spartan missiles, followed by the 1st and 2nd stage removal.

Per guidance from Secretary of Defense Donald Rumsfeld, the entire Sprint and Spartan inventory was to be retained. A total of 149 missiles would be placed in storage marking the end of the Safeguard era.