

## Inside The Eagle



Duty, honor,  
country leads  
civilian to  
Baghdad,  
page 4



SMDC Soldier  
earns Bronze  
Star for OIF  
service,  
page 9



Original 'Rocket  
Man' leaves  
legacy behind,  
page 13

# The Eagle

United States Army Space and Missile Defense Command

Volume 11, Number 6, June 2004



Photo by Spc. Mat Hagen

## A morning at the beach

Delta Company, 1st Satellite Control Battalion, Camp Roberts, Calif., wandered off the beaten path — literally. Looking for somewhere to run other than the desolate streets of post, Delta Company took its workout to the beach — Morro Bay, Calif., to be precise. Drawing many stares, waves and smiles from those few awake to see the Soldiers run, the fresh ocean air and the crunch of seashells spurred the company onward. "It was a great event. Everything went smoothly, and it feels great to spend the morning at the beach. How many Soldiers can start their mornings out like this?" said Pfc. Salvador Cota.

## Army gets new combat uniform

By Sgt. 1st Class Marcia Triggs  
Army News Service

WASHINGTON, D.C. — The Army will be fielding a new combat uniform designed by non-commissioned officers and tested by Stryker Brigade Soldiers in Iraq since October.

On the Army's 229th birthday, senior leadership introduced the Army Combat Uniform during a Pentagon cake-cutting ceremony. Soldiers were on display, suited-up in the wrinkle-free uniform with a digitized camouflage pattern.

Three different versions of the ACU have been developed, and more than 10,000 uniforms have been produced and dragged through the sand in Iraq and at Army training

centers. Even more are on American production lines to be issued by April 2005 to Soldiers in deploying units. Fielding to the total Army should be complete by December 2007, said officials from the Program Executive Office, known as PEO Soldier.

There were 20 changes made to the uniform, to include removing the color black and adapting the digital print from the Marine Corps uniform to meet the needs of the Army, said Sgt. 1st Class Jeff Myhre, the Clothing and Individual Equipment noncommissioned officer in charge.

Black is no longer useful on the uniform because it is not a color commonly found in nature. The drawback to black is that its color immediately catches the eye, he added.

"The color scheme in the ACU



Army photo  
Sgt. 1st Class Jeff Myhre, the Program Executive Office NCOIC, sports the Army Combat Uniform, the recently approved wear for Soldiers. It contains 20 new improvements.

See **New Uniform**, page 12

## New Army policy addresses acts of sexual assault

By Sgt. 1st Class Marcia Triggs, Army News Service

WASHINGTON, D.C. — All offenses of sexual assault in the Army must be reported to the Criminal Investigation Command, and commanders can no longer resolve the complaints on their own, officials have announced.

A task force conducted a detailed review of the Army's current policies and programs on sexual assault. One of the findings was that while all commanders had taken action against assailants accused of sexual assault, not all were going through the proper investigation channels, said Darlene Sullivan, the facilitator for the task force.

The task force noted nine shortfalls in its 80-page report. One major finding pointed out there was no standard way of handling sexual assault cases, making it hard to collect data and keep track of what services had been rendered to victims.

There were 24 recommendations made to improve the system. One was to develop a

sexual assault policy for inclusion in Army Regulation 600-20, Army Command Policy.

The policy will define sexual assault as alleged offenses of rape, forcible sodomy, assault with intent to commit rape or sodomy, indecent assault or an attempt to commit any of these offenses, Sullivan said.

"Commanders must create a command climate where victims feel comfortable reporting acts of sexual assault," said Sullivan. "Rape is one of the most unreported crimes nationwide."

In the new AR 600-20, one of the responsibilities commanders will have is to assign a unit victim advocate to support victims of sexual assaults.

It is important to keep the victim and the chain of command informed of all case actions as they occur with the case. The unit victim advocate will work to provide emotional support to victims while assisting them in the step-by-step processes involved, said Lt. Col. John McPhaul of Army G-1. The study is on the Army Web site at [www.army.mil](http://www.army.mil).

# The Command Corner



**Lt. Gen. Larry J. Dodgen**  
Commanding General



**CSM David Lady**  
Command Sergeant Major

To a degree that we could not envision just a few years ago, space has attained preeminent importance for the nation. From their high-ground perspective, space-based systems — and the ground-based terminals and organizations that support and control them — provide our Joint Warfighters beyond line-of-sight communications, near real-time situational awareness and enhanced battle command. Likewise, many commercial-use applications of space technologies, including satellite television, weather prediction, and Global Positioning System instruments for automobiles and individuals, are spin-off benefits from our nation's significant investment in space.

Fundamentally, our Army and nation have achieved great successes in space through the extraordinary insights and capabilities of its military, civilian and contractor personnel — including those serving with the U.S. Army Space and Missile Defense Command. SMDC's history with space parallels that of the Army's, dating back to America's pioneering entry into space with the first satellite launches and lunar scientific studies.

In May, SMDC advanced our extensive involvement in space operations with the first-ever Space Focus Day to review where we are and what we need to do to synchronize our efforts regarding space. Congratulations to the individuals who participated in the workshop and the scores of planners and staff personnel who brought it to fruition.

During this Space Focus Day, the DOTMLPF (Doctrine, Organization, Training, Materiel, Leadership Development, Personnel, and Facilities) domains were reviewed in a cross-functional basis. Several "enablers," including technology and budget/resources, were assessed on their status in supporting SMDC's vision, goals and mission requirements. We achieved much in a short time by bringing together the command's key leaders and staff principals for a focused analysis of this important area. This day was also an excellent opportunity to incorporate the progress achieved from the space-related lessons derived from SMDC's support of OPERATION IRAQI FREEDOM.

Of particular note, we are now better positioned to support the conversion of Current Force units, starting first with the 3rd Infantry Division, to the modular UEx configuration. The work that is ongoing with the Space Acquisition Study will also be instrumental to our broad efforts to synchronize management, resourcing and acquisition processes. Clearly, SMDC's full support of the Army's transformation is vital for the Future Force and our Army.

At the beginning of June, we sponsored the 2004 Space Operations Training Conference in Long Beach, Calif., for our Functional Area 40 officers. This conference provided an excellent opportunity for our space professionals to learn of the latest developments regarding space-related issues. It also served as an excellent venue for professional dialogue. We challenged each of these space professionals to seize every opportunity to leverage space products and services in support of our Joint Warfighters. We wish them well.

Although we can reflect on the past with pride for our many notable achievements, our ultimate challenges lay ahead. As we look into the summertime, SMDC will continue to be engaged in a wide-range of important activities, including support of ongoing combat operations in the Global War on Terrorism and preparation for Ground-based Midcourse Defense Initial Defensive Operations later this year.

Finally, this month provides the opportunity to recognize the valorous and dedicated service of the U.S. Army in defense of our nation and way of life. This year's celebration of the Army's 229th birthday is particularly poignant as more than 300,000 active, guard and reserve Soldiers are forward-deployed around the world in some 120 countries. The Army's tradition of service is one in which all of us should be proud.

SECURE THE HIGH GROUND!

Well accomplished, U.S. Army! Two hundred years of sacrifice and success are what we celebrate each June 14. The sacrifices of our Soldiers, civilians and family members increase each day with our operations against global terrorists and the Iraqi insurgents. Our peers, combating the enemies of American values, while assisting in the building of stable and prosperous Afghani and Iraqi states, are owed our thanks and support. Remember them, as we remember the glorious history of the Army.

Remember our 32 Soldiers and civilians deployed in the Central Command Area of Responsibility. These space and missile defense people are providing theater missile early warning, staff planning expertise and space-enabled communications and topographic and other products to the warfighters. They — along with the Soldiers, civilians and family members who are deployed around the world providing space support and missile warning and missile defense capabilities — are truly securing the high ground for the American people. Well accomplished, SMDC!

June is also National Safety Month. I want to dwell on this event, because the only effective way to celebrate safety is to demonstrate and enforce the safety standards that protect us all. Each of us is responsible for identifying the risks in our working and living places, as well as the risks of our own and our fellows' actions. We are each responsible for stopping unsafe acts and for reporting unsafe conditions to our leaders and supervisors.

I'd like to highlight a number of imaginative and forceful leaders, whose decisions and programs are reducing their Soldiers' risks. Capt. Stacy Godshall and 1st Sgt. Ottis Pledger, of Delta Company, 1st Satellite Control Battalion, have several problems to work through at Camp Roberts, Calif. Their Soldiers and civilians must all work shifts, so leaders and supervisors are never at any one place at any one time. Also, every member of the unit lives off the installation, for all single Soldiers are housed in an off-post apartment complex. All are commuters.

In assessing the risks of this situation, the command team realized that individual commuting and even car pooling was unnecessarily risky, given reporting times and California fog. "Shift vans" have proven to be an effective solution. Trained and certified drivers are assigned to each shift. They operate government vans and bring their shift partners onto the installation. Accountability and safety are enhanced through this program.

Another technique used in this company is the "risk discussion" by the members of a shift, in place of the traditional "safety briefing" by the chain of command. Safety briefings are too often boring and predictable ... those "being briefed" cease to hear after about 15 seconds and begin to fantasize about other things as the leaders drone on. A junior leader or peer-led discussion at the end of the work period or prior to pass or leave, with each person reviewing and criticizing their plans and activities is a much more effective way to assess and reduce risks. I recommend this program to all of our units. It works!

This command has a fine safety record. Our leaders and supervisors are carrying out their responsibilities, and our people are generally responding by safely conducting their business. Let us continue our emphasis on safety ... the only way to do that is for each of us to demonstrate and enforce risk-reducing conduct.

ON POINT!

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# What We Think

## The Eagle asks:

**What is the cost of gasoline in your area, and how will it affect your summer vacation plans?**



Adele S. Jones  
Budget Analyst  
G-8, Resource  
Management  
Arlington, Va.

In the surrounding area of Stafford, Va., the average price of gas is about \$1.92. The price of gas will not have a great impact on my summer vacation plans because I don't plan to travel too far from home. I'm hoping the price of gas will not get too much higher. If it does, I'll have to think of other ways to deal with the situation.



Sgt. 1st Class Barbara George  
Personnel Sergeant  
Arlington, Va.

The average price of gasoline in my area is \$1.97. This summer the price of gasoline will probably not affect me too much because I plan on taking my vacation in the Caribbean for 30 glorious days. However, I would not allow the high gas prices to stop me from visiting my family in New York.



Robert E. Karl  
General Engineer  
Lead, Airborne Sensors  
and Platforms  
Test & Evaluation  
Directorate  
Huntsville, Ala.

Gasoline prices in my area (Monrovia, Ala.) are about \$1.95 a gallon for regular unleaded. My summer plans won't change much due to the high cost of gasoline, since December of last year we made plans to travel back home to Texas to visit family. We are flying so the price increase won't really affect our overall travel cost because we purchased our tickets several months ago.



Staff Sgt. Bryan Marines  
Operations NCO  
D Company, 1st  
SATCON Bn.  
Camp Roberts, Calif.

Gas is up to \$2.40 a gallon for unleaded here at Camp Roberts. The skyrocketing prices will certainly limit the miles I drive this summer.

## Reagan leaves legacy of optimism

Commentary by Dan Adler  
*Kwajalein Hourglass*

A sad event happened June 5. Former President Ronald Reagan died. I suppose it was a blessing for him and his family. He was trapped in the terrible world of Alzheimers and his family watched him suffer through it.

There are many in the country who didn't like Ronald Reagan for various reasons. There were many more who did as evidence by the landslide victories he had in elections.

To anyone under 30 or so who didn't observe Ronald Reagan, I will try to tell you how I looked at him and what in my humble opinion he meant to America.

The idea that an old B-movie actor could get elected President was a little over the top. He was a very popular governor in California, but the presidency was another matter.

The backdrop of this was a country that had high inflation, skyrocketing interest rates, a crumbling economy and the humiliation of our embassy in Iran being ransacked and American citizens being taken hostage. We were in an oil embargo and lines of cars stretched for miles at service stations waiting for gas. Gas was rationed in some places. Gas could be purchased on Tuesdays, but not on Wednesday and so on. The price of gas and oil soared.

Our military had planes that couldn't fly and ships that couldn't sail and tanks that wouldn't run because they lacked spare parts and maintenance they needed. The military was starved of everything including basic needs, even ammunition. Morale in the services was at an all-time low. The Joint Chiefs would go before Congress begging for money.

Our elected leaders at the time told the people of America that our best days were behind us and that America was no longer as great as she had been. I remember hearing that on TV and wondered how they could tell the people that, even if they believed it. The country was desperate for leadership.

Into all this doom and gloom came Ronald Reagan. He won the Republican nomination and began his campaign. And began to listen. He was a man of intense optimism.

He always believed that the American people were capable of anything. He always told us our best days weren't behind us, they were right in front of us. Under his leadership, unemployment went down, the economy started reviving and average Americans began to look to the future with hope.

He returned the country to its stature in the world. He faced down the Soviet Union and other enemies and he never blinked. He rebuilt our military and gave them all the tools they needed to become the best in the world again. He initiated the "Star Wars" missile defense program, which of course has been such a large part of Kwajalein's history.

Even the Europeans eventually fell under his spell. People may never agree with all his policies either foreign or domestic. Nobody ever agrees on anything like that. But I think that for most of us who lived in those times, we could all agree that Ronald Reagan brought the United States out of a very dark time and restored our pride and our hope in the future. If for nothing more than that, we owe him our gratitude.

God bless you Mr. President. Rest in peace.

## Military supports Reagan funeral

By Kathleen T. Rhem  
American Forces Press Service

WASHINGTON, D.C. — Military members around the country honored a former commander in chief earlier this month.

The death of former President Ronald Reagan June 5 set into motion a plan that involved countless military members from all the armed forces.

As a past commander in chief, Reagan was afforded many military honors, according to officials from the U.S. Army's Military District of Washington. MDW coordinated arrangements for the many events leading up to and including Reagan's official state funeral in Washington June 11.

Traditionally, the president directs the secretary of defense to oversee funeral arrangements. This responsibility is further delegated through the secretary of the Army to the MDW commanding general.

In this role, the MDW commander, currently Army Maj. Gen. Galen B. Jackman, escorted Reagan's immediate family members during the formal events.

A military guard of honor provided security for Reagan's remains during periods of lying in state at the Ronald Reagan Presidential Library, in Simi Valley,

Calif., and at the U.S. Capitol for 24 hours which began at 8:30 p.m. Eastern time June 9.

At every point in the journey, a joint-service honor guard performed an arrival or departure ceremony to honor the fallen president.

After Reagan's remains were transported to the East Coast, they were carried at least part of the way to the Capitol by a

military caisson from the 3rd U.S. Infantry, the Army's ceremonial "Old Guard" headquartered at Fort Myer, Va. The caisson is a converted transport wagon for a 75 mm cannon drawn by six horses of the same color.

A riderless horse followed the caisson. "A pair of boots are reversed in the stirrups of the empty saddle to symbolize that the warrior will never ride again," according to information on the MDW Web site.

A military band

played at each phase of the official funeral events, and a military honor guard fired a traditional 21-gun salute at noon local time on U.S. military bases on the day of interment.

Also as part of honors owed to a previous president upon his death, all U.S. flags flown on government installations will be flown at half-staff for 30 days from the date of death.

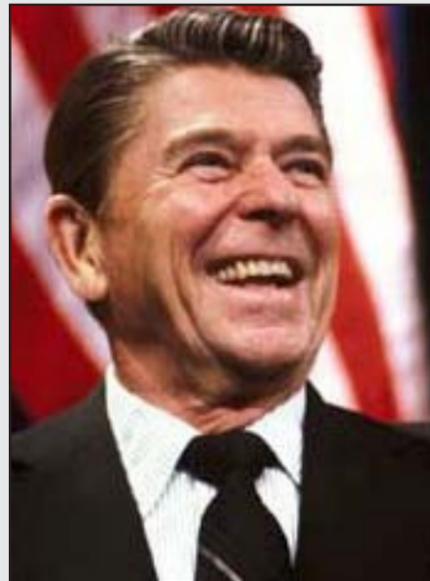


Photo courtesy of Reagan Library Web site

## Duty, honor, country leads SMDC civilian to work in Baghdad

*Cross: I would gladly do another deployment to show my support*

By Kim Gillespie  
SMDC Public Affairs

**W**hy would a civilian employee volunteer for deployment to a war zone? Wanda Cross, a contracting officer in the Coalition Provisional Authority (CPA) Headquarters Contracting Activity and an SMDC Huntsville employee, says the reasons are the same as those our Soldiers cite — duty, honor and country.

"When I received the request, I immediately signed on," Cross said. "I saw the many lives being lost and our Soldiers being attacked, killed and wounded. I also saw the resolve that the U.S. and Coalition forces had in ridding Iraq of terrorists and those who harbor them.

"Our troops can't do it alone ... I took this assignment because it was an opportunity for me to support our warfighters, have a part in the restructuring of Iraq and be a part of history," she said.

Most of the challenges the military face

are also the same for civilians. Cross's work for the CPA Headquarters means she lives and works in Baghdad in what is known as the Green Zone.

"The CPA is constantly under attack by those who do not want to see a free Iraq, by those who really hate freedom and democracy. Living conditions for civilians and military are the same," she said.

But while the threat of danger is always there, she also explains that the troops and civilians enjoy some conveniences. "I call this a modern day combat zone because we have all the comforts of home — fresh water, a place to shower, four hot meals a day, recreational activities — not what one would see in a combat zone years ago, or even in other parts of the world," Cross said.

Cross arrived in Iraq in February for a six-month assignment. She performs pre-award and post-award functions for construction and non-construction contracts.

"I am gaining experience working in a contingency contracting environment, something I had not experienced in my career," she explained. She can see the results of her work being used to help rebuild Iraq both structurally and politically.

"Several contracts have been awarded to provide services in connection with Iraq's seaports, to standup power plants, provide water treatment facilities, build schools, and to address individual elements of Iraq's infrastructure and associated ministries to include electricity, oil, public works/water, security/justice, transportation/communications and buildings/health," Cross said.

Cross said that despite the risks she would not trade this experience for anything. "I have worked with the best the military has to offer in contracting."

Cross also encourages other civilians to volunteer for deployments, calling it a "great morale booster for our troops."

"Deployment is an



Photo by Col. Mike Bonheim, CPA

Wanda Cross, right, a contracting officer in the Coalition Provisional Authority Headquarters Contracting Activity and an SMDC Huntsville employee, meets with Ambassador L. Paul Bremer III, administrator for the CPA.

opportunity to support our troops, the warfighter," Cross said. "The work that we're doing at SMDC, in Iraq and all over the world is in support of our warfighter, and I would gladly do another deployment to show my support."

Cross calls home daily because she is aware of what her family and friends see on the news and she wants to assure them she is safe. But she also wants everyone back home to be aware of how crucial it is for the United States to create opportunities and set good examples for the people of Iraq.

"It's easy for someone to look at the situation here and say, 'it's Iraq's problem;' but after 9/11 it's no longer Iraq's problem; it's a world problem and we all must play an active role in ridding the world of terrorists."

Cross cites meeting Ambassador L. Paul Bremer, administrator for the Coalition Provisional Authority, as her most exciting experience so far. Not being able to speak the Arabic language has been her most frustrating experience. "I would like to have a conversation with the Iraqi people to hear their personal stories and triumphs about living in Iraq over the past 30 years." But Cross has learned a few Arabic phrases and says she will continue to have an interest in Iraq and its people long after her deployment is over.



Photo by Margaret Ely

Wanda Cross is a contracting officer in the Coalition Provisional Authority Headquarters Contracting Activity in Iraq and an SMDC Huntsville employee.

### Getting to know you

Michael C. Schexnayder, deputy to the commander for Research, Development and Acquisition met with SMDC Huntsville Soldiers and employees May 27 in the courtyard behind Building 5220 of the Von Braun Complex on Redstone Arsenal to talk about SMDC's future and other issues concerning employees. He began the discussion with a brief biography about himself and concluded the meeting by answering questions.



Photo by Becky Proaps

# Army's 229th birthday celebrated nationwide

Our Army is serving a nation at war. The Global War on Terrorism will not be short, and it will require deep and enduring commitment. To fight this war and ensure our nation's security into the future, the Army must provide the Joint Force with relevant and ready capabilities to support the National Security and Defense Strategies. Our Army is a campaign-quality Army with a Joint and Expeditionary Mindset, a proud member of the Joint Force expertly serving our nation and

its citizens for 229 years.

The Army provides the Joint Force with the combat, combat support and combat service support capabilities necessary to conduct sustained land warfare during extended campaigns. This is our unique contribution



izations, processes, doctrine and culture so that we are better able to contribute to this effort in a more prompt and rapid manner.

to the Joint Team and it will be maintained. The challenge we are addressing is how to transform our organ-

As it has always been, Soldiers, both active and reserve, are the heart of the Army. Embued with the Warrior Ethos, our Soldiers are "warriors of character" whose seriousness and sense of urgency are characteristic of an Army at war. Our Soldiers will always place the mission first, never accept defeat, never quit and will never leave a fallen comrade.

The 229th birthday logo reflects who we are as Soldiers and an Army in 2004 — Our Army At War — Relevant and Ready.



Photo by Dottie White

## Play ball!

Col. Pat Forrester, left, one of six Army astronauts assigned to the U.S. Army Space and Missile Defense Command's NASA Detachment at Johnson Space Center in Houston, Texas, prepares to throw out the first pitch to Shane Halter, Anaheim Angels' infielder, before the June 2 game against the Boston Red Sox at Angel Stadium in Anaheim, Calif. Lt. Gen. Larry Dodgen and Brig. Gen. Robert Lennox attended the game along with more than 50 space operations officers from SMDC who were participating in the FA 40 conference and the Association of the U.S. Army Symposium in Long Beach, Calif., all week. The Angels defeated the Red Sox 10-7.

# SMDC, American Military University sign cooperative master's degree program agreement

By Marco Morales  
SMDC Public Affairs

Space Operations Officers or, FA-40s as they are known in Army circles, now have an opportunity to complete a master's degree in space studies thanks to a cooperative agreement signed May 26 between the U.S. Army Space and Missile Defense Command (SMDC) and the American Military University (AMU).

A similar agreement was signed with Webster University on Feb. 18 in Colorado Springs, Colo.

"As we start to develop the space operations officers — if you think of it in terms of a life cycle of a human being — how you mature them, how you grow them ... education is the key," said Col. James Pierson, director, Force Development and Integration Center, SMDC. "The online education program with the American Military University is a tremendous opportunity," he said.

Pierson said this opportunity will grow to include others in the space cadre.

"We're talking officers [for the degree program] today. Tomorrow we're talking non-commissioned officers, warrant officers and Department of the Army

civilians," he said.

The agreement spells out the cooperative degree program including development, student eligibility, participation, format, credits awarded for successful completion of the space operations officer qualification course (SOOQC), AMU coursework required and tuition rates. The degree program was developed following the American Council on Education's Joint Statement guidelines on Transfer and Award of Credit. This also has guidelines approved by the Council of High Education Accreditation and the American Association of Collegiate Registrars and Admissions Officers.

Qualified space operations officers who have completed the SOOQC would be granted 15 credit hours by the AMU toward further earning a master's degree in space studies. They would then have to successfully complete an additional 21 credit hours from AMU to get their master's degree.

AMU is one of three member institutions in the American Public University System. It is a private, proprietary, degree-granting learning community of faculty, students, staff and graduates, and offers a non-traditional, distance education system using current

technology to deliver personal, individualized instruction. It is also a member of the Servicemembers Opportunity Colleges (SOC).

AMU offers more than 50 degree programs and offers more than 1,650 different courses and covers a full spectrum of academic degree plans including associate's, bachelor's, and master's degrees.

"We have a 24/7 operation that's completely an online program, via the Internet, available wherever and whenever you are," said Dr. James Flaggert, academic dean, AMU.

"Partnership relationships like that of SMDC and AMU are an important part of achieving a common objective which, in this case, involves taking care of the Soldier and professional," Flaggert said. "We are happy and proud to be part of SMDC. Our organizations have many academic subject areas in common especially in relation to your SOOQC. These are exciting times and we're looking forward to the success of this and other related programs," he said.

For more information contact Tom Coleman, chief, Training Development, FDIC, SMDC, at (719) 554-4541 or visit AMU's Web site at [www.apus.edu](http://www.apus.edu).

## Voting in presidential election possible for Soldiers everywhere

# Human Resources Command sends largest AKO e-mail to date

By Annie Shippen  
Army News Service

WASHINGTON, D.C. — The Army's top adjutant general e-mailed all Soldiers through Army Knowledge Online accounts on May 11, telling them to register to vote.

Brig. Gen. Gina S. Farrisee, the adjutant general, wanted to contact the Soldiers to ensure they were aware of their ability to vote while overseas and saw the importance of registering to vote.

The e-mail was sent to 1.3 million Soldiers.

"Hopefully the e-mail will affect the Soldiers and they will think, 'Gee, I am overseas, or getting ready to be sent overseas, and I need to register,'" said Col. John Karch, chief of Personnel Services Support Division, Human Resources Command.

The e-mail was sent over a several-day period to avoid complications, and as of May 18 they had received 40,000 responses, which they are sorting through in order to distinguish the rate of failure.

Karch said he is confident the e-mail reached 96 percent of the Army.

The Department of Defense has done some work on a military voting initiative — Secure Election Registration Voting Experiment, more commonly referred to as SERVE. SERVE has not yet progressed as

far as some officials had hoped.

"This program was initiated to experiment with online voting," Karch said.

"There were concerns with security in the system, so the project was suspended in early February and is not going to be used this year. But hopefully the system will be improved and available in the next few years."

If a Soldier registered in time and has not

received the absentee ballot by Oct. 11, a Federal Write-In Absentee Ballot should be filled out. This is a ballot on which the Soldier writes his or her vote and sends to his election official in his home state. If the Soldier should receive the ballot after he sent in the FWAB, the regular ballot should be filled out as well and sent in.

The e-mail directs Soldiers to see their voting assistance officer, or to download the Federal Post Card Application for an absentee ballot from <http://www.fvap.gov>.

Two more mass e-mails are planned for future months. One in July and one in September will serve as reminders and contain important dates for registration. The first rule of thumb is to be safe, so the

### Mailing instructions and general voting information for all Uniformed Services

To be eligible for absentee voting in the 2004 elections, you must be registered to vote. To register, complete a Federal Post Card Application (FPCA) and mail it to the state where you vote. To get the FPCA, contact your unit voting assistance officer or download it from [www.fvap.gov](http://www.fvap.gov). If you change your address before the election, you must submit a new FPCA.

For all uniformed services members deployed to the OPERATION IRAQI FREEDOM and OPERATION ENDURING FREEDOM regions, the following dates are recommended to ensure mailing receipt of balloting material:

- Request ballot from elections officials by **Aug. 15**
- Mail voted ballot back to election officials by **Oct. 11**

For all other uniformed services members overseas the following recommended dates are provided:

- Request ballot from elections officials by **Aug. 15**
- Mail voted ballot back to election officials by **Oct. 15**



suggested mailing date for registration is Aug. 15. The second date, especially for those in Iraq and Afghanistan, is the completion of the ballot, due by Oct. 11.

The last presidential election was a close one, with many votes in Florida thrown out and a controversy erupting over foul play. Because of the slim difference in the number of votes, those who were eligible to vote via absentee ballot may have had an effect on the outcome of the election. The importance of the e-mail brings the message that each vote counts, and those who are unaware of their opportunity to vote should voice their opinion via casting a ballot.

## Bravo SATCON Soldiers highlight career day for school kids

By Spc. Stacy-Lyn De La Hoz  
Unit reporter

FORT MEADE, Md. — Armed with a flashlight, a globe, unit stickers, miniature satellite replicas and posters, a small team of Bravo Company, 1st Satellite Control Battalion Soldiers taught local school children about Army satellite communications.

Bravo Company Commander, Capt. Tim Root, 1st Sgt. Joey Thornburg, and Spc. Stacy De La Hoz volunteered to participate in West Meade Elementary School's Career Day May 4.

There the team taught students about the world of communication satellites, satellite theory and the 1st Satellite Control Battalion's mission.

The day started with a visit to the first grade class. The class began with Root sharing his knowledge of satellites with the group of 7-year-olds.

The commander focused on SATCOM 101. He used a globe, a flashlight, a model satellite and a Defense Satellite Communications System III poster to teach the different types of orbits, earth coverage and the types of equipment on

board the DSCS satellite.

Thornburg, primed with a handful of Bravo Company "Black Dragon" stickers for

dissemination, took over the discussion. As he handed out stickers to students participating in the discussion, he

covered DSCS customers. He explained to the students about the different people who use American satellites, from the president of the United States to some child's father or mother fighting in Iraq.

Thornburg explained how satellites overcome great distances or natural obstacles, such as mountains. He concluded his part of the discussion by asking if anyone was born before 1985. After no one raised his or her hand, except for the teacher, he explained that America's oldest satellite was launched in 1985. Immediately one student shouted out, "That's

impossible!"

That remark immediately made the entire team feel decrepit.

De La Hoz finished the discussion by explaining the education required to work with satellites. She highlighted the importance of having an interest in science, engineering and mathematics to work in satellite communications. The students were encouraged to stay in school and listen to their teacher. She described how the unit is structured and the amount of hours everyone works.

The class ended with a question and answer session. Thornburg finished handing out stickers to the remaining students. He then made them all honorary members of the "Black Dragons."

Following the first grade class, the career day presentation on satellite communications moved to second grade and ended with a presentation to the fifth grade.

"It was a true pleasure to have the opportunity to educate these bright, enthusiastic young people about the exciting world of satellite control and communications," Thornburg said.



Photo by Spc. Stacy-Lyn De La Hoz

1st Sgt. Joey Thornburg, part of a team of Soldiers talking to a first grade class during West Meade Elementary School's Career Day, holds a stack of Bravo Company, 1st Satellite Control Battalion "Black Dragon" stickers to pass out to the children.

## Civilian News

### Federal insurance program celebrates 50 years with open season

The U.S. Office of Personnel Management (OPM) has announced the first open season for the Federal Employees' Group Life Insurance Program (FEGLI) since 1999. The FEGLI 2004 Open Season will be held from Sept. 1 through Sept. 30 to celebrate the 50th anniversary of the program. The FEGLI program consists of basic life insurance coverage and three options that include coverage for up to five times an employee's base salary plus coverage for family members. In most cases, a new federal employee is automatically covered by basic life insurance. The types and amounts of coverages available are not changing. During the open season, federal and postal employees in eligible positions will be able to enroll in the FEGLI program or increase or change current coverage without having a physical or answering any questions about their health. The earliest that newly elected coverage will be effective is Sept. 1, 2005. OPM will have a special FEGLI 2004 Open Season Web site set up prior to the start of the open season which will contain an election form and more information about the program. The federal government established the FEGLI program on Aug. 29, 1954. It is the largest group life insurance program in the world, covering more than 4 million federal employees and retirees, as well as many of their family members. All benefits elections must be made using the Army Benefits Center - Civilian (ABC-C)/Employee Benefits Information System (EBIS) at <https://www.abc.army.mil/> or by calling 1-877-276-9287 in CONUS and accessing the Interactive Voice Response System (IVRS). Counselors are available through the IVRS.

### Thrift Savings Plan open season ends June 30

The Thrift Savings Plan is open until June 30. This is the time to enroll or make changes. The TSP Rates of Return as of May 3:

April 2004		Last 12 Months* (5/2003-4/2004)	
G Fund	0.29%	G Fund	4.05%
F Fund	(2.54%)	F Fund	1.77%
C Fund	(1.52%)	C Fund	22.74%
S Fund	(3.94%)	S Fund	38.75%
I Fund	(2.31%)	I Fund	39.27%

Percentages in ( ) are negative.

\* The returns for the G, F, C, S and I funds for the past 12 months, assuming that, with the exception for the crediting of earnings, unchanging balances (time-weighting) from month to month and assuming that earnings are compounded on a monthly basis. The monthly G, F, C, S, and I Fund returns represent the actual total rates of return used in the monthly allocation of earnings to participant accounts. The returns are shown after deduction of accrued TSP administrative expenses. The F, C, S, and I Fund returns also reflect the deduction of trading costs and accrued investment management fees. The most current G, F, C, S, and I Fund rates of return are shown above. Returns are updated after the monthly allocation of earnings, usually by the fourth business day of the month.

### GAO estimates employees transferred to Department of Homeland Security

The General Accounting Office (GAO) recently published estimates of how many Full-Time Employees (FTEs) were transferred from existing agencies into the Department of Homeland Security (DHS) during the formation of the new DHS in 2003. Following are the estimates:

- Agriculture Department: 2,690
- Commerce: 35
- Defense: 92
- Energy: 101
- Federal Emergency Management Agency: 5,330
- General Services Administration: 1,497
- Health and Human Services: 110
- Justice: 40,053
- Transportation: 103,073
- Treasury: 28,894

## Military News

### Army announces change to Active Army unit stop loss/stop movement program

On June 1 the AA Unit Stop Loss/Stop Movement policy was implemented. This policy affects all units designated to deploy outside the continental United States to participate in future OIF and OEF operational missions in Iraq and Afghanistan. Continuing personnel losses caused by routine rotational policies have the potential to adversely impact training, cohesion and stability in future OIF and OEF deploying units. To ensure the formations remain a cohesive element throughout their deployment it is necessary to stop personnel losses from the deploying units until after they return to their permanent duty stations. Preliminary analysis of gains and losses indicates that without Stop Loss an Army division will require the reassignment of more than 4,000 Soldiers from other units to achieve a complete reset of the division and ensure a deployable strength of 100 percent. Based on this information and rather than announcing an AA Unit Stop Loss/Stop Movement program prior to each rotation, the Army made this change to the AA Stop Loss/Stop Movement programs for OIF and OEF units. There is no change to the November 2002 Reserve Component Stop Loss program. Prior to OPERATION NOBLE EAGLE, OIF, and OEF, the Army last used stop loss during OPERATION DESERT SHIELD/DESERT STORM in 1990 when President George H. Bush delegated stop loss authority to the Secretary of Defense.

### House, Senate agree to 3.5 percent raise for service members

The House and Senate armed services committees have agreed to an across-the-board 3.5 percent pay raise for service members in 2005, as well as making permanent increases in deployment-related pays. The pay provisions are part of the fiscal 2005 defense authorization bill passed recently by the House Armed Services Committee; and a different version of the same bill passed by the Senate Armed Services Committee. Both bills add money to the Bush administration's proposals for military health care, especially for reservists and their families, and for force protection measures, including more armored Humvees and armor kits for other vehicles for troops in Iraq.

### Promotion board convenes earlier for senior NCOs

The sergeant first class promotion board will be held three months earlier than scheduled, and selected noncommissioned officers will start pinning on rank in February. The promotion board was first scheduled for February, but was changed to November. The master sergeant promotion board will be held one month earlier in September instead of the originally scheduled start of October. Convening the boards ahead of schedule ensures the Army has the right number of Soldiers in these ranks as it fights the Global War on Terrorism, said officials from the Deputy Chief of Staff for Personnel, G1. The fiscal year 2003 sergeant first class board selected enough NCOs to meet the promotion needs for a 19-month period. Soldiers should go to the Human Resources Command Web site at <http://www.hrc.army.mil> to make sure their official military file is accurate.

### House Armed Services Committee Increases Survivor Benefit Plan Payments

The House Armed Services Committee announced it has approved eliminating the social security offset under the Survivor Benefit Plan (SBP) by increasing the annuities paid to survivors of military retirees who are 62 or older. The SBP provision was included in the Fiscal Year 2005 National Defense Authorization Act, which was passed by the committee recently. Rep. Jeff Miller (R-FL) introduced the Military Survivor Benefits Improvement Act earlier this year and pushed for its inclusion in the defense authorization act. The issue concerns uniformed services survivor benefits, which, relative to premiums paid, do not match what was promised and provided to survivors of other federal retirees. For more information, see <http://www.house.gov/bilirakis/lateact.htm>.

# Awards/Promotions

## Civilian Promotions

**Terri L. Innes**, GS-09, Huntsville, Battle Lab, Simulations Directorate, Simulation Development Division

**Jeri K. Manley**, GS-13, Huntsville, Technical Center, Test and Evaluation Directorate

**Charles G. O'Neal**, GS-13, Colorado Springs, Logistics, G-4, Readiness/ILS Division

**Phillip S. Palmer**, GS-13, Huntsville, Technical Center, Information Science and Technology Directorate Matrix

**Thomas J. Perham**, GS-15, Washington, Office of Legal Counsel

**Albert G. Sinnemaki**, GS-12, Colorado Springs, Communications, G-6

**Dottie K. White**, GS-12, Huntsville, Public Affairs Office

## On-the-Spot Cash Awards

**Allen Alexander**, Huntsville, Technical Center, Test and Evaluation Directorate Matrix

**Daisy H. Barnett**, Huntsville, Battle Lab, Missile Defense Directorate

**William R. Dionne**, Huntsville, Technical Center, Space Technology Directorate Matrix

**Kathleen L. Gotto**, Huntsville, Technical Center, Kinetic Energy Interceptor Directorate

**Sharon W. Lang**, Huntsville, Operations and Plans, G-3, Historical Branch

**Yancy C. Mitchell**, Huntsville, Technical Center, Tech Center Operations

**Brenda K. Partain**, Huntsville, Technical Center, Tech Center Operations

**Barry C. Pollard**, Huntsville, Technical Center, Kinetic Energy Interceptor Directorate

**Jane B. Price**, Huntsville, Technical Center, Kinetic Energy Interceptor Directorate

**Brenda L. Rains**, Huntsville, Technical Center, Tech Center Operations

**Terry G. Rains**, Huntsville, Resource Management, G-8, Program and Policy Division

**Frederick J. Rivero**, Colorado Springs, Logistics, G-4, Supply and Transportation Division

**Harold V. Romero**, Huntsville, Technical Center, Kinetic Energy Interceptor Directorate

**Richard A. Runyan**, Huntsville, Technical Center, Kinetic Energy Interceptor Directorate

## Time-Off Awards

**Karen M. Long**, Logistics, G-4, Logistics Support Division

**Vairy L. Spencer**, Huntsville, Battle Lab, Simulations Directorate, Computer Resources Division

## Special Act Awards

**Darcellena K. Grindrod**, Huntsville,

Kinetic Energy Interceptor Directorate  
**Duane L. Stott**, Huntsville, Technical Center, Kinetic Energy Interceptor Directorate

**Belinda J. Williams**, Huntsville, Office of PARC/Contracting and Acquisition Management, Branch T

## Length of Service Awards

### 30 Years

**Harriet Matthews**, Arlington, Force Development and Integration Center, Training Support

### 25 Years

**Betty Dotson**, Huntsville, Resource Management, G-8, Program and Policy Division

**Horace Garner**, Huntsville, Battle Lab, Simulations Directorate, Computer Resources Division

**Sharon McKinney**, Colorado Springs, 1st Satellite Control Battalion, Command Section

### 20 Years

**Brenda Partain**, Huntsville, Technical Center, Tech Center Operations

**John Troup**, Huntsville, Resource Management, G-8, Program Support Division

**Paul Simpson**, Huntsville, Technical Center, Systems Directorate

**Ivory Stewart**, Arlington, Force Development and Integration Center, Combat Development

## Two Colorado Springs Battle Lab employees receive Government Technical Achievement Award

By Sgt. 1st Class Dennis Beebe  
SMDC Public Affairs

COLORADO SPRINGS, Colo. — Steven Groves and Karol Cortright of the Space and Missile Defense Battle Lab were

presented the 2003 Government Technical Achievement Award May 10.

The Government Technical Achievement Award recognizes exceptional achievements in space and missile defense activities. Awardees must demonstrate exemplary dedication

and professionalism throughout their entire career. This award also recognizes a specific achievement that has contributed significantly to the development, testing and deployment of space and missile defense systems that will serve to protect our troops and our homeland.

Groves and Cortright were nominated by Lt. Col. Jeff Souder, chief, Experiments Division, for their exemplary work on the Space Support Element Toolset-Light during OPERATION ENDURING FREEDOM and OPERATION IRAQI FREEDOM. They received their plaques and savings bonds from Souder at an awards ceremony at the Battle Lab conference room here.

"My job is to make the job of the warfighter on the ground work better and easier," Cortright said.

"What we did with the SSET-L was to provide the Army Space Support Teams with global reach-back capability to Building Three in Colorado Springs from sometimes austere conditions in technologically immature theaters. We take our communications assets here in the United States for granted with T-1, fiber-optic cables and satellite phones and all, but in many parts of the world these capabilities do not exist. We were glad to be able to provide some of the speed and capabilities needed to do the job," she said.



Photo by Sgt. 1st Class Dennis Beebe

Steven Groves, left, and Karol Cortright of the Space and Missile Defense Battle Lab at Colorado Springs, Colo., display the 2003 Government Technical Achievement award they received for their exemplary work on the Space Support Element Toolset-Light system during OPERATION ENDURING FREEDOM and OPERATION IRAQI FREEDOM.

## SMDC's Technical Center director Jess Granone named to University of Texas at Dallas' Research Advisory Board

By Debra Valine  
Editor, *The Eagle*

**HUNTSVILLE, Ala.** — The University of Texas at Dallas (UTD) named Jess Granone, director of the U.S. Army Space and Missile Defense Command's Technical Center, to its Research Advisory Board May 12.

"This is a great honor," Granone said. "The University of Texas is one of the



Photo by Debra Valine

Jess Granone, director, SMDC Technical Center, Huntsville, Ala., was named to the University of Texas at Dallas Research Advisory Board.

premier educational institutions working on information operations. SMDC's tie to them will really help us define state-of-the-art in information processing."

U.S. Strategic Command has an information operation mission, and since we are the Army Service Component Command to STRATCOM, this is information we can use to define SMDC's role, he said.

"For SMDC to have somebody appointed to an advisory board at a university is a pretty prominent thing," Granone said. "The people on the board are prominent in their fields. I think this is a feather in SMDC's hat. For me, it is very humbling when I see the names of the people on the board."

Granone is hoping the partnership will benefit SMDC and the university. Researchers at the Austin campus are working on an electromagnetic gun — it is the same type of research being done at SMDC for the power supply for the Solid State Heat Capacity Laser. Other schools already working with SMDC include the University of Southern Mississippi, the University of Mississippi and Auburn University.

"We need sharp young minds with new ideas," Granone said. "But, you have to work with these academic institutions; you cannot just throw money at them and leave them working in a vacuum."

SMDC engineers and scientists guide the research to solve problems that are being worked on at SMDC. The Technical Center has \$327 million in contracts with academic institutions.

The University of Texas does not have a tie to the space and missile defense area, so in return, university officials are

hoping to learn from SMDC.

"The board is greatly enriched by Mr. Granone's perspective of the Army's research and development," said Dr. Da Hsuan Feng, vice president for research and graduate education at UTD. At SMDC, Granone is responsible for managing ongoing research, development, test and evaluation activities for the Army's space and missile defense technology program.

Granone began his career in missile defense as an engineer in the Joint Anti-Tactical Missile Project Office in the mid-1980s. Since then, he has served as the technical director and chief engineer of the Program Executive Office in the Missile Defense Office as well as the chief engineer and project manager of the Theater Missile Defense Project Office. Granone received his bachelor's degree in electrical engineering from the University of New Mexico.

"We now have a powerful balance of government, corporate and academic members with national and international experience in nearly every area of research imaginable," Feng said. "I am very excited by the possibilities this group offers UTD research."

The 32 members of UTD's Research Advisory Board are all major national figures in academia, commerce and government. The board is tasked with assisting UTD in planning the future of the university's research, maintaining a sense of direction and focus in current research and interacting with UTD's internal advisory council to build a common view of research. Members also provide insight into trends, entrepreneurial activities, government liaison and global outreach.

## SMDC Soldier earns Bronze Star medal for OIF service

By Marco Morales  
SMDC Public Affairs

Highlighting the many positive aspects of the Army's presence and continuing support to the global war on terror and OPERATION IRAQI FREEDOM, Lt. Col. Elizabeth Kuh attributed earning the Bronze Star medal to the combined efforts of her fellow Soldiers, federal civilian workers, U.S. contractors and Iraqi citizens.

"These people are in Iraq now, helping to rebuild the nation, working every day — fighting, saving people, and bringing joy and hope to the Iraqi people," Kuh said, adding, "One hundred percent of hospitals are now open and functional in Iraq; 2.2 million barrels of oil a day flow through that country; they have twice the electrical power than before the war and attendance in schools is up 80 percent."

Kuh, chief of current operations, G-3, was presented the award May 21 along with the Global War on Terrorism Expeditionary Medal by Lt. Gen. Larry J. Dodgen, commanding general, U.S. Army Space and Missile Defense Command (SMDC) and U.S. Army Forces Strategic Command (ARSTRAT). Kuh received orders in March 2003 to report

as the space liaison to the Office of Reconstruction and Humanitarian Assistance in Baghdad, Iraq, as the senior Army space operations officer for Iraq where she served a year.

According to the award citation, Kuh earned the Bronze Star medal for "meritorious achievement from March 3, 2003, to Feb. 1, 2004, while assigned as the Senior Space Operations Officer for Coalition Provisional Authority and Combined Joint Task Force 7. Her expertise in space geospatial support greatly enhanced the success of combat, post hostilities, the rebuilding of Iraq, and support and stability operations during OPERATIONS ENDURING and IRAQI FREEDOM."

"Soldiers and civilians from SMDC provided unbelievable and tremendous digitization support to the entire electrical and oil infrastructure in Iraq," Kuh said. "Those infrastructures are being re-built based on our products."

Kuh stated this support included SMDC Soldiers and civilians "painstakingly working with Iraqi translators and interpreters" to produce local and regional maps of Iraq in preparation for upcoming elections there.

She is a graduate of the Space Operations Qualification Course, National Systems Development Course, Space Applications Advanced Course and the Inter-service Space Intelligence Operations Course. Her other awards and decorations include the Meritorious Service Medal (1 oak leaf cluster), Army Commendation Medal (1 oak leaf cluster), Joint Service Achievement Medal, Army Achievement Medal, National Defense Service Ribbon, Korean Defense Ribbon, Armed Forces Expeditionary Medal, Southwest Asia Service Ribbon (3rd star), Kuwait Liberation Medal (Kuwait), and the Kuwait Liberation Medal (Saudi Arabia).

The Palatine, Ill., native and veteran of 17 years Army service earned a bachelor's degree in nursing from the Medical College of Georgia and a master's degree from Webster University.

"My father, David (Kuh), was my absolute best friend and mentor," Kuh said, adding that her father is now deceased. "He



Photo by Marco Morales

Lt. Col. Elizabeth Kuh

was a strong man and a good Christian."

Kuh said other mentors in her life have included the former G-2 at SMDC, Col. William McFarland, and a first sergeant early in her Army career.

She offered leadership advice to younger Soldiers and leaders.

"Be yourself. Be a human being and remember that if it's your job to be a leader, take care of your subordinates," she said, adding a paraphrase from Gen. Douglas McArthur, "When we start working for those above us rather than for those below us, we are no longer doing our jobs."

# Field training

By Staff Sgt. Daniel Sanker  
Unit reporter

**FORT DETRICK, Md.** — Armed with M-16s and wearing “full battle rattle,” Alpha Company, 1st Satellite Control Battalion, Soldiers loaded their vehicles April 27 and conveyed to Fort A.P. Hill, Va., for the unit’s first-ever field training exercise.



Teamwork and brains are required to finish the task during the confidence course portion of Alpha Company, 1st Satellite Control Battalion’s first ever field training exercise.



Keeping the correct interval, Alpha Company, 1st Satellite Control Battalion



Photos courtesy of Alpha Co., 1st SATCON Battalion

Soldiers of Alpha Company, 1st Satellite Control Battalion stand ready in formation at Fort A.P Hill, Va., to begin their adventure-filled day — the first in a two-week field training exercise. This was the first field training exercise ever for the unit.

Climbing high, Alpha Company, 1st Satellite Control Battalion Soldiers overcome obstacles.

# ng tests SATCON Soldiers

For the next two weeks, the Soldiers performed tasks needed for combat, gained leadership experience in the field environment and developed team cohesion and esprit de corps.

The 50 Soldiers arrived before the morning mist had left the weapon ranges of Fort A.P. Hill.

"GAS, GAS, GAS!" signaled the Soldiers to don protective masks. It was the first time

for many Soldiers to fire while masked since basic combat training. As darkness fell, the Soldiers sent a fury of ball and tracer rounds down range. Not one target was left standing by the time the last round left the last M-16.

Map, compass and protractor in hand, the Soldiers set out the next morning to find eight objectives. Four hours through swamps, hills, thick brush and wildlife,

and an unknown number of miles under their boots and more water and muck than a set of battle dress uniforms can hold, the Soldiers completed the course. Even though not all the objectives were found, lessons were learned by one and all.

As if the land navigation course hadn't provided enough of a challenge during the day, the cadre decided to "up it" a notch. As the day's light faded, the Soldiers headed back out to tackle the same course at night. Heading out in teams of three or four, the Soldiers realized the importance of relying on those in the team to accomplish the mission. Two hours and four points later, all the Soldiers returned to the rally points and headed back to base camp.

Day Three offered a 4.5-mile tactical road march, followed by an obstacle course. The first go-around of the course of 16 obstacles was run in squad-sized elements, followed by an individual run. 2nd Squad took the honors for the best run, graded on time, teamwork and motivation. Sgt. Charles Clapp completed the individual course in an astounding five hours, 12 minutes, followed by Staff Sgt. Michael Hughes with five hours, 24 minutes.

The morning of the last day in the field brought with it a set of challenges rarely seen in a SATCON Soldier's daily operations.

The Leadership Reactionary Course provided situational challenges in a stressed environment. The water obstacles tended to be more of a challenge — as the teams got wet it took more effort to get anything accomplished. As the teams of four or five moved through the obstacles, the role of the leader would change. This offered some junior enlisted Soldiers more of an opportunity to take control.

The more-than-full day rounded off with a visit to the ever-popular CS chamber, followed by the opportunity to switch to "fresh" uniforms before heading for home.

When Alpha Co. returned to home base, it was easy to see that this was not the same unit that had left. Two weeks of work in hard-core Soldier skills, added to the sophisticated Satellite Controller skills they were already expert at, added a hard edge and sheen to the Satellite Control Soldiers.



attalion Soldiers road march to a training event during their field training exercise.



Wooden "monkey bars" with widely spaced poles present a challenge to Alpha Company, 1st Satellite Control Battalion Soldiers.

## Space Camp winners

**Pam Caruso**  
**ASMDA Space Camp**  
**Scholarship Committee**

**F**ifteen children are packing their bags and heading to Huntsville, Ala., to attend Space Camp June 28-July 2 courtesy of the U.S. Army Space and Missile Defense Association.

The fifteen winners were selected from more than 100 applications. The ASMDA Space Camp Scholarship Committee reviewed the applications and picked winners based on numerous factors including the applicant's handwritten space essay and recent school grades.

Huntsville, Ala.:

**Sarah Schlacher**, 11, Arrow Project Office  
**Calla McCulley**, 10, Space and Missile Defense Technical Center

Colorado Springs, Colo.:

**Adam Tohn**, 11, SMDC/Army Forces Strategic Command

**Lindsay Gorishek**, 11, SMDC/Army Forces Strategic Command

**Brittney Teter**, 11, 1st Space Battalion

Washington, D.C.:

**Rashad Williams**, 10, Martha's Table

**Joshua Messinger**, 11, 1st Space Battalion

**Andrew Courney**, 10, Force Development and Integration Center

**Brenna Powers**, 11, FDIC

Kwajalein Atoll, Republic of the Marshall Islands:

**Renee Corbett**, 10

**April Southerland**, 11

Delta Junction/Fort Greely, Alaska:

**Catherine (Katy) Dighton**, 11

**Taylor Levinson**, 11

Old Harbor-Kodiak, Alaska

**Alex Szert**, 11

Adak, Alaska

**Alexander Galanin**, 12

Each year ASMDA announces the availability of scholarships that include one week at Space Camp at the U.S. Space & Rocket Center, round-trip airfare from the parent's work location, a Space Camp flight suit, a Space Camp clothing package, a phone card, a small amount of spending cash, and any unaccompanied minor travel fees.

## New Uniform

*continued from page 1*

capitalizes on the environments that we operate in," Myhre said. "The current colors on the ACU are green-woodland, grey-urban environments and sand brown-desert. The pattern is not a 100-percent solution in every environment, but a good solution across the board."

"This isn't about a cosmetic redesign of the uniform," said Col. John Norwood, the project manager for Clothing and Individual Equipment. "It's a functionality change of the uniform that will improve the ability of Soldiers to execute their combat mission."

The ACU will consist of a jacket, trousers, moisture wicking t-shirt and the brown combat boots. It will replace both versions of the BDU and the desert camouflage uniform. The black beret will be the normal headgear for the ACU, but there is a matching patrol cap to be worn at the commander's discretion.

At \$88 per uniform, about \$30 more than the BDU, Soldiers will eventually reap gains in money and time by not having to take uniforms to the cleaners or shine boots.

The life of the ACU began in January 2003 when PEO Soldier teamed with Myhre, Master Sgt. Alex Samoba and Staff Sgt. Matt Goodine - from the 1st Stryker Brigade, Fort Lewis, Wash.

The team looked at a number of uniforms and took the best part of each uniform and combined it into one. They built their first prototype and delivered 25 uniforms to Stryker squads at the National Training Center. After listening to their comments, the team went back to the lab and created prototype two.

Twenty-one uniforms were then delivered to Stryker Soldiers at the Joint Training and Readiness Center, Fort Polk, La.

"We watched them as they entered and cleared rooms, as they carried their rucksack and all of the things they had to be able to do in the uniform, and then we came up with prototype three," Myhre said.

Two issues of the third version were given to the Stryker Soldiers deploying to Iraq. Three months ago, Myhre was among a team who visited Iraq to get

more feedback from Soldiers.

Sgt. Maj. of the Army Kenneth Preston is one of the ACU's biggest supporters. He said major command sergeants major had a chance to see the uniform and give advice toward the final version.

"We have not made a major change to our uniforms since the BDUs (battle dress uniforms) were introduced in the early 1980s," Preston said. "This new uniform performs well in multiple environments. Its new pockets and color designs are a result of feedback from Soldiers in combat. Every modification made on the uniform was designed with a specific purpose and not just for the sake of change." Uniform changes include:

1. Mandarin collar that can be worn up or down
2. Rank insignia centered on the front of the blouse
3. Velcro for wearing unit patch, skill tabs and recognition devices
4. Zippered front closure
5. Elbow pouch for internal elbow pad inserts
6. Knee pouch for internal knee pad inserts
7. Draw string leg cuff
8. Tilted chest pockets with Velcro closure
9. Three-slot pen pocket on bottom of sleeve
10. Velcro sleeve cuff closure
11. Shoulder pockets with Velcro
12. Forward tilted cargo pockets
13. Integrated blouse bellows for increased upper body mobility
14. Integrated Friend or Foe Identification Square on both left and right shoulder pocket flap.
15. Bellowed calf storage pocket on left and right leg
16. Moisture-wicking desert tan t-shirt
17. Patrol Cap with double thick bill and internal pocket
18. Improved hot-weather desert boot or temperate-weather desert boot
19. Two-inch, black nylon web belt
20. Moisture-wicking socks

## SMDC contributes to AER fund-raising success

**By Japheth R. Edmonds**  
**SMDC Public Affairs**

**T**his year's Army Emergency Relief fund-raising campaign was once again a success. The 2004 annual campaign, which began May 1 and ended May 15, raised funds for Soldiers and Army families in financial need.

SMDC Huntsville raised \$2,271.40 by coordinating two bake sales, a "Support Our Troops" ribbon sale and by accepting donations. Other SMDC branches in Arlington, Va., and Colorado Springs, Colo., also participated in the 2004 campaign by coordinating similar events. Altogether

SMDC raised \$7,150.

"It's wonderful that we can directly benefit the lives of our Soldiers," said Personnel Specialist Sarah Trial.

"They're out there working to protect us; we should at least continue to support them. This year's fund-raising effort was a great success, but I know next year's can be better."

AER is a private nonprofit organization whose sole

mission is to help Soldiers and their families. Its motto, "Helping the Army take care of its own," has, for more than six decades, inspired hundreds of thousands of Army men and women to donate funds.

Since its incorporation in 1942, AER has helped more than 2.9 million Soldiers with more than \$837 million in financial assistance. AER assistance is not limited and

is only constrained by the requirement of valid need. Assistance comes in several forms, among these include an interest-free loan, a grant if repayment of loan will cause undue hardship, or part loan and part grant.

Although sponsored by the Department of the Army, AER is a charitable organization that does not receive appropriated funds from the government, and, as such, relies heavily on contributions from Soldiers and civilians to continue its mission.

Although AER's annual fund-raising campaign ended May 15, AER accepts donations throughout the year for its general fund.



**Contributions can also be made as memorials, estates or special donations. They can be sent to Army Emergency Relief, Attn: Donations, 200 Stovall Street, Room 5N13 Alexandria, Va. 22332-0600. More information regarding Army Emergency Relief is available at [www.aerhq.org](http://www.aerhq.org).**

# Original 'rocket man', pioneer of space science leaves rich legacy behind

By Dr. Lewis Bernstein  
SMDC Historical Office

If you trace the Army's interest in space back through SMDC and its predecessor commands to its roots, you will find Dr. William H. Pickering.

The Army lost an "ancestor" when Pickering, a pioneer of space science, an original "rocket man" and the director of the Jet Propulsion Laboratory (JPL) for 22 years, died of pneumonia at age 93 in March 2004. His death hit a little closer to home for one SMDC employee.

In the 1970s, Col. Patrick Rayermann, the SMDC G-3, was a member of the JPL-sponsored Explorer Post. He recalls that Pickering had a sense of humor, a "twinkle in his eyes," and was known to those at JPL as "old blue eyes." He said Pickering knew everyone at JPL from the scientists and engineers to the technicians and the support personnel.

Known as "Mr. JPL," he had a diplomatic way of dealing with people apparent to a young Explorer scout that went far to explain his success at working with brilliant, often unpredictable scientists and engineers as well as military and government officials.

"Dr. Pickering gave me and many other young people interested in space a tremendous opportunity to find out if space was for us and to develop our skills while we were still in high school," Rayermann said. "His interest in giving young people opportunities allowed me to be a JPL employee as well as an

Explorer for seven years. I learned many hard lessons 'free from consequences' in science, engineering and leadership while in the Explorer Post — lessons I apply each day as the G-3 of this command.

"I consider myself truly privileged to have been mentored by a pioneering leader such as Bill Pickering. And I see tremendous continuity in having begun my professional life as a JPL Space Explorer and employee, having participated in the rebirth of the Army's interest in space over the past 19 years and currently having the honor of serving as the G-3 of SMDC."

Pickering, Wernher von Braun and James van Allen led the Army's effort to launch the first American Earth-orbiting satellite, Explorer I in January 1958.

Although both the Soviet and American governments announced in 1955 that they would place an artificial satellite in Earth orbit during the International Geophysical Year (1957-1958), the public did not pay attention. As Pickering said in 1993, "It was only the beeping reality of Sputnik that suddenly made the threat of intercontinental atomic warfare with ballistic rockets more than a science fiction story."

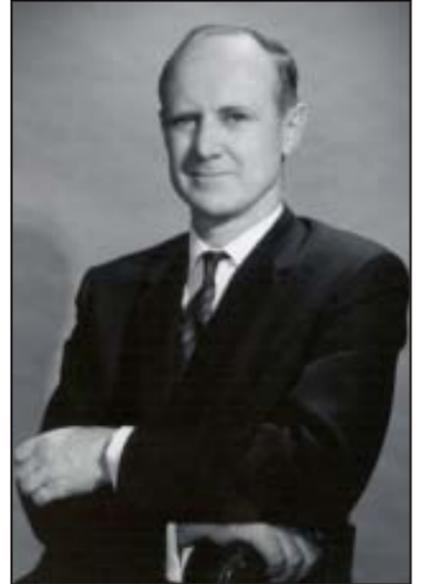
After the Navy's Vanguard rocket blew up on the launch pad in December 1957, the Army Ballistic Missile Agency (ABMA) received permission to launch a satellite. In three-way collaboration, Pickering (JPL) built the satellite, van Allen (State University of Iowa) built its radiation-measuring

payload while the ABMA's von Braun team built the Jupiter-C rocket that placed America's first satellite into orbit in January 1958. The successful launch was completed just 83 days after the Army received the mission.

After NASA was created in 1958 and received the Army's space and missile expertise, Pickering and JPL modified the direction of their work. He recalled, "JPL argued for, and received, a charter to develop deep space missions." In 1962 and 1964, Pickering and his team launched Mariner II and Mariner IV to Venus and Mars to gather scientific data. Mariner IV transmitted the first pictures from Mars to Earth. For these feats, he was featured on the cover of *Time* Magazine twice. Before his retirement in 1976, four more Mariner missions reached Venus and Mars.

Pickering and the JPL were also involved in the Apollo project. In the 1960s, Ranger missions transmitted the first pictures of the lunar surface while the Surveyor missions tested landing techniques designed to take the American astronauts safely to the Moon, took close-up images of the lunar surface and made other observations that helped pinpoint locations for Apollo landings. These successes, which relied on payload miniaturization, had their origins in Pickering's research in the 1940s.

A native of New Zealand, he came to this country as a student, entering Cal Tech in 1929. After receiving degrees in electrical engineering and physics, he joined the Cal Tech



William H. Pickering, Ph.D

faculty, and became an American citizen in 1941. In 1944, he was invited to join JPL because of his work in radio telemetry, the science of radio control. He helped organize JPL's electronics efforts and was the project manager for the Corporal, the Army's first operational JPL-developed missile as well as its successor, the Sergeant. Pickering also led the effort to miniaturize rocket payloads.

When the war ended he returned to Cal Tech to teach electrical engineering. In 1950, he returned to JPL full time. In 1954, he was promoted to be JPL's director, a position he held until his 1976 retirement. Over the course of his career Pickering received many national and international honors including the National Medal of Science (1975), the Army's Distinguished Civilian Service Medal (1959) and NASA's Distinguished Service Medal, among others.

## Baby sitter and baby-sat meet again through small world Army

**COLORADO SPRINGS, Colo.** — The "Welcome back from Iraq" ceremony for Army Space Support Team 12 proved that it's not just a small world, it's a small Army. For Staff Sgt. Brett Mills and Capt. Angela Johnson, this was not an ordinary welcome back between two Soldiers. Fifteen years ago, in Thief River Falls, Minn., Mills was Johnson's babysitter. They met again when Mills was called to active duty for the 193rd Space Battalion, part of SMDC/ARSTRAT, where Johnson was already serving. The two reminisced about old friends and family but it wasn't until his welcome back ceremony that Mills was able to introduce his new wife, Ramona, to the object of his old babysitting tales. After meeting the captain her sergeant husband once babysat, Ramona said she was happy to finally put a face to all his stories.



Photo courtesy of SMDC-Colorado Springs

Capt. Angela Johnson, 1st Space Battalion, left, is re-united with her babysitter, Staff Sgt. Brett Mills of the 193rd Space Battalion upon his return from deployment to Iraq. At the "Welcome Home" ceremony, Johnson met Mill's wife, Ramona.



Photo by Don Montoya

## Lunchtime volleyball

Last year's defending volleyball champions, U.S. Army Space and Missile Defense Command-Colorado Springs, fought valiantly but finished in second place to Air Force in the recent Peterson Air Force Base Volleyball Championships. In all, eight teams competed in the lunchtime league tournament. Members of the 2004 SMDC-CS volleyball team include from left, Staff Sgt. Megan Fowler, Tim McDonald, Maj. Paul Madsen, Coach Master Sgt. Denny Skiles\*, Coach Sharon Hartman\*, Maj. Reginald Ruffin, Team Captain Rhonda Skiles, Sgt. 1st Class Patrick Trombley\*, Maj. Jacqueline Patten and Chul Lee. Not pictured, Lt. Col. John Madrid, 1st Lt. Lauren Schultz, Maj. Leonard Draves\*, Joy Blake, and Sgt. James Smith\*. \* Members of the 2003 Peterson Air Force Base Championship Team.

## 225 years of accomplishments highlighted

# Pentagon dedicates corridor to honor civil servants

By Sgt. 1st Class Doug Sample, American Forces Press Service

WASHINGTON, D.C. — If "Doc" Cooke could be here, he would have been proud.

Civilian employees of "The Building," as he fondly called it, finally got their due, as Pentagon officials unveiled a special corridor honoring career civil servants May 25.

Cooke, often referred to as the "Mayor of the Pentagon," spent 45 years at the building, serving under 15 defense secretaries.

He was the Pentagon's director of administration and management and director of Washington Headquarters Services, and the Defense Department's highest-ranking career civil servant. David O. "Doc" Cooke, 82, died June 22, 2002, from injuries suffered in a car accident two weeks earlier.

During the ceremony, Raymond DuBois, deputy undersecretary of defense for installations and environment, said the creation of the new corridor highlights the significant accomplishments of civil servants over the last 225 years.

He also said the corridor was an effort to remember the remarkable career of Cooke.

DuBois pointed out that many of the Pentagon's

corridors are dedicated to those who have given their lives for freedom, including exhibits honoring the Navajo Code Talkers, Women in the Military and the Buffalo Soldiers.

He also noted that until now, none of the Pentagon's many corridors paid tribute to the more than 673,000 career civil servants he said are an "integral part of the department history and success."

"Their work often unheralded, these career civil servants provide continuity to an ever-changing work force," he said. "They provide technical, managerial, financial and professional expertise to America's oldest, largest, and arguably busiest and most successful government enterprise, the Department of Defense."

Lewis Ernest Meyer, a civilian firefighter and 43-year civil service employee, traveled to Arlington, Va., from San Diego. He said coming to see the exhibit was a "moving" experience.

"I was honored being selected (to represent) the fire service, because the federal fire department serves to protect those who defend," he said. "We go where they go."

Meyer started his civil service career at age 21, working at the naval air station at North Island, Calif., though he spent most of his

civil service career at NAS Miramar, now a Marine Corps Base.

He later volunteered to go to Vietnam, serving as a federal firefighter there for 60 months, until his capture by the Viet Cong.

He said he was taken along with other U.S. service members and prisoners of war to Hanoi. There, he said, his North Vietnamese interrogators asked him, "What in the hell is a fireman doing in the war zone?" he recalled with a laugh. "But we were there."

Meyer said his captors released him in 1973, along with 25 other civilians, during OPERATION HOMECOMING, where diplomatic negotiation led to the release of American prisoners of war from Indochina. In all, 591 Americans were returned to the United States between Feb. 12 and April 1, 1973.

Meyer will now be honored for his federal service along with other civil servants whose photos and biographies will adorn the corridor's walls, adorned with pictures, artifacts and relics that tell the history of DoD's civil servants.

At the May 25 unveiling, however, nine of the corridor's exhibits stood out. Displayed on black and gold panels are the biographies of civil servants DuBois described as the "exemplars" of public service.

"They are by virtue of their dedication of an entire career, ideal models of the best tradition of the DoD civil service," he said.

Among those "exemplars" attending the corridor's opening and whose portraits are on display:

- Judith Gilliom, a disabled worker DuBois called a "champion" of the DoD's affirmative-action program for people with disabilities.
- Dr. Jerome Carl, who spent 57 years with DoD as a scientist and winner of every major federal service award and professional honor, including the 1985 Nobel Prize in chemistry.

- Charlie Nemfakos, who served more than 30 years with the Department of the Navy, eventually becoming the Navy's undersecretary. Nemfakos received the Presidential Distinguished Rank award twice, and honored an unprecedented three times with the Navy Distinguished Civilian Service Medal.

Afterward, Meyer — whose portrait also is enshrined in the corridor — said he felt privileged "just to be mentioned" among those honored.

"I've had a wonderful career," he said. "I decided in third grade that I wanted to be a fireman, and lucky for me I followed those dreams."

## ASMDA offers college, university scholarships

Looking for scholarship money? Each year, the Army Space and Missile Defense Association (ASMDA) selects one or more individuals to receive scholarships. Deadline for application is July 1. Scholarships will be awarded at the 7th Annual Space and Missile Defense Conference Aug. 17-19 in Huntsville, Ala.

The scholarship awards are available for undergraduates in their junior and senior years and postgraduate students. The number of scholarship awards made each year and the value of the awards will be determined by the ASMDA scholarship committee in coordination with the ASMDA trustees and will be dependent upon funding availability. The ASMDA board of directors will make final approval of the number and dollar amounts of each award.

### Eligibility

- U.S. Citizenship
- The scholarship will be made available to ASMDA members, to corporate members identified by corporate sponsors, to employees of SMDC, PEO-ASMD, JPO-GMD, Targets JPO, THAAD, Army Lower Tier, both military and civilian, and their immediate family members
- Pursuit of undergraduate or graduate academic studies either directly or indirectly related to space and missile defense
- Degree must be in a "hard" science (Biology, Chemistry, Physics or related field) or engineering program
- Student in good academic standing at an accredited college or university

### Application Procedure

Application packages will consist of:

- A brief biographical sketch that includes:
  - How the applicant meets scholarship eligibility requirements
  - Awards received
  - Community service involvement
  - Organizations and activities in which the student actively involved
  - Address and phone number(s)
- A copy of the student's latest transcript (official copy from the institution)
- A one-page essay that describes the student's area of study and how it relates to space and/or missile defense
- A letter of recommendation from an academic adviser or instructor

### Selection Criteria

- Must meet all eligibility requirements
- Potential contribution to space and/or missile defense (based on essay)
- Likelihood that the individual will pursue a career in area(s) directly or indirectly related to space and missile defense
- Financial need

## Employees learn Army's new recordkeeping system

By Becky Proaps  
Assistant Editor, *The Eagle*

**HUNTSVILLE, Ala.** — There is an old saying that claims it is hard to "teach old dogs new tricks." Teaching employees a new recordkeeping system definitely falls into that category.

To try to make the system easier to understand, LaJeannia Lacey, the Records Manager for the U.S. Army Space and Missile Defense Command, invited the actual developers of the new award-winning recordkeeping system, Army Records Information Management System (ARIMS) to SMDC for two days of training May 26-27.

U.S. Army Space and Missile Defense Command employees along with employees from the Aviation and Missile Command, Anniston Army Depot, Program Executive Office of Air, Space and Missile Defense, Terminal High-Altitude Area Defense System (THAAD), and Joint Land Attack Missile Elevated Netted Sensor (JLENS) System employees attended the training.

Future training on ARIMS will be



Photos by Becky Proaps

Kathy Light, director, Records Management Division, Records Management and Declassification Agency and developer of the new Army recordkeeping system, ARIMS, explains the process during a training session held May 26-27 in Huntsville, Ala.

conducted by the Records Manager at each SMDC location. Hands-on training will be announced soon for Huntsville. Training for the High Energy Laser Systems Test Facility at White Sands Missile Range, N.M., is scheduled for July.

"It all started with Desert Storm" said Kathy Light, director, Records Management and Declassification Agency (RMDA). "A lot of records dealing with the quality of life for Soldiers were lost because

they were not maintained properly in Iraq. We had Soldiers who couldn't prove they were places they knew they had been. When the Soldiers who were exposed to the oil fires and other types of things, started having some strange illnesses — more than just post traumatic stress syndrome — actual physical illnesses because of the exposure to chemicals, we had to recreate the order of battle so we could figure out where people were. And that was a very difficult task."

The Vice Chief of Staff of the Army and the director of the Army Staff directed a review of the Army's process for creating and preserving records. Also with the loss of military and civilian administrative support due to downsizing and personal computers on every desk, a change was needed.

"The Army doesn't have Radar O'Reilly's any more," Light said. "When they (the Army) started the drawdown, the first people to go were the administrative staff. We needed to come up with something that would make it possible for the action officers to maintain their records."

ARIMS provides the Army with the ability to more easily manage its hard copy and electronic records. Using Web-based tools and technology ARIMS provides enhanced capabilities for the identification of important records, storage and indexing of



Michael C. Schexnayder, left, the Deputy to the Commander for Research, Development and Acquisition, presents Kathy Light, the director of Records Management Division, Records Management and Declassification Agency, and her assistant Eric Ramanuskas with certificates of appreciation.

those records, and the tracking and retrieval of those records stored in the Army's Records Holding Area(s). The Army Electronic Archive (AEA) module of ARIMS provides large-scale, secure storage for the Army's important e-mail and other electronic records.

"Everyone is a recordkeeper," said Lacey. "Recordkeeping is not a secretary thing or an admin assistant thing, or a Girl Friday thing any longer." Everyone who creates records for the Army is an action officer and responsible for maintaining them in accordance with Army Regulation 25-400-2.

"The focus will be on introducing the new system to SMDC action officers since they are creating and receiving many mission-related records," Lacey said. "It is imperative they learn how to properly maintain them from creation through final disposal using the Army Electronic Archive."

**For current records management information refer to the G-1 Records administration home page on the Commandnet. To learn more about the ARIMS system go to [www.arims.army.mil](http://www.arims.army.mil).**

## Colorado Springs Operations section tops golf tournament

By Sgt. 1st Class Dennis Beebe  
SMDC Public Affairs

**FORT CARSON, Colo.** — Three teams tied for first place in the SMDC golf tournament May 14. Each of the teams completed the 18 holes with a score of 63. The winners were determined by using the combined team's handicap.

The Operations section team of Clay Carroll, Ben Acosta, Delene Solario and Derrick Richeson claimed first place. L3 Comm/Sy Coleman's Bob Reehoorn, John Riding, Matt Jones and Rich Hasbrough finished second. Tim Lynch, Ron Irons, Mike Winchester and Bo Taylor, SMDC-Colorado Springs, took third.

This year's winners of "The Brick" for dead last were Rich Wolf, John Madrid, Donald Bratsch and Jeff Harley. This team received a brick with a plaque mounted on it for their efforts.

One hundred and forty-four golfers in 36 teams participated in the tournament.



Gordon Baxendale, SMDC G-3 putting contestant, shows a nice move to pick up his ball after attempting a putt during the SMDC Golf Tournament.



Photos by Sgt. 1st Class Dennis Beebe

Jeff Harley, left, high five's two of his fellow teammates after making a superb putt at the SMDC Golf Tournament held at Fort Carson, Colo., May 14. Unfortunately, his team was awarded the "Brick" trophy for the highest score.

Teams came from the 1st Space Brigade, Headquarters SMDC, 1st Satellite Control Battalion, and the SMD Battle Lab, as well as teams comprised of invitees from 3rd Armored Cavalry Regiment and the 5025th Garrison Support Unit. Military retirees rounded out the teams for a combined shotgun start/best ball tournament.

"There were so many golfers starting that there had to be two teams (eight golfers) starting at each hole and continuing around the 18-hole course. In no time at all they had spread out over the beautiful course and it turned into a wonderful day of round-robin golf," said Sgt. Jennifer Meadows, member of one of the Intelligence section's teams.

The 3rd ACR team had two connections to the tournament's host — one player, Chief Warrant Officer Michael Hunt,

recently returned from Iraq, is the husband of SMDC/ARSTRAT's Intelligence officer, Chief Warrant Officer Sandra Hunt. The other link is a son of Logistics Section's Charlie O'Neal. Curtis O'Neal, visiting from his duty station in Florida, is a Navy Orion fixed-wing electronic warfare specialist and officer candidate.

Lt. Col. Sonny Baltimore, SMDC/ARSTRAT Operations Office organized the tournament.

"The tournament ran very smoothly this year and we finished on time as planned," Baltimore said. "We had special prizes scattered throughout the course where you could win a nice set of golf clubs, a Bose Wave radio/CD player and a 2004 BMW Z4 sports car for getting a hole-in-one at these special holes. Players came close, but no one won. The prizes were safe this year."

## HELSTF receives award at national conference for employing individuals with disabilities

### SMDC Public Affairs

The High Energy Laser Systems Test Facility at White Sands Missile Range, N.M., received the NISH Government Award for Local Federal Customer Support for the work it does to employ people with disabilities at its National Training Conference and Awards Banquet in Hollywood, Fla., May 25.

NISH, formerly the National Industries for the Severely Handicapped, is the national nonprofit

agency designated by the Committee for Purchase from People Who Are Blind or Severely Disabled to provide technical assistance to Community Rehabilitation Programs interested in obtaining federal contracts under the Javits-Wagner-O'Day Program.

Tresco Inc., a provider of contractor support at HELSTF, nominated HELSTF for this prestigious award, noting its proactive support of the JWOD Program by employing more than 65 people with disabilities through a JWOD contract with Tresco. At HELSTF, jobs

include running the cafeteria, grounds maintenance, shipping and receiving, machine and carpentry shops, administrative functions, HVAC/electrical shops and other site support positions.

HELSTF has demonstrated unyielding support of the JWOD Program through a variety of initiatives, including building awareness of the JWOD Program through training and disseminating information about people with disabilities. HELSTF is a strong proponent of the JWOD Program as evidenced by

HELSTF's promotion of Tresco's capabilities to the U.S. Naval Air Weapons Station at White Sands Missile Range, which resulted in employing an additional 11 people with disabilities, said E. Robert Chamberlin, president and chief executive officer of NISH, in a letter notifying Thomas Hodge, the HELSTF site director, of the award.

For more information about NISH, visit their Web at: [www.nish.org](http://www.nish.org).

# Missile ranges team up for test support

By Jim Bennett  
Editor, *Kwajalein Hourglass*

In an effort to streamline and maximize missile testing in the Pacific, the Missile Defense Agency supports the cliché that the whole is greater than the sum of its parts.

MDA has brought together the Reagan Test Site with other missile test ranges to form the Pacific Range Support Team (PRST), which met on Kwajalein in May.

"This is a first for the Department of Defense to achieve this level of cooperation — to bring the instrumentation and working level people together is a first," said Steven Lopes, MDA deputy of Test Resources Directorate.

The PRST marked its second year now, having been born to support a planned target launch from the Kodiak Launch Complex (KLC) in Kodiak, Alaska, toward the Reagan Test Site. The mission has been delayed until later this summer, but has had positive results in that it led MDA officials to realize that one range couldn't support all the various requirements of some complicated missions and developed this teaming arrangement.

"It's been embraced and grown," said Neal Ortego, who chairs the group for MDA. "It's really range-led and advocated."

For years, each range has worked to its own particular niche generally within their traditional range boundaries. Kwajalein, for example, has,

over the years, focused heavily on space operations using the Kiernan Re-entry Measurements Site sensor suite on Roi-Namur, Inter-Continental Ballistic Missile testing with the Air Force and various missile defense programs that worked well with global, over-the-horizon missile shots.

On the other hand, White Sands Missile Range, N.M., given its geographic location, has focused on theater missile defense testing, among other things.

But development of the multi-layered, protective umbrella, proposed under the current administration, forced officials

to look at different levels of testing. Each piece of the umbrella must work in concert, and testing went beyond the realm of one range.

"It gets out of traditional range boundaries. No one range can

provide all the assets and resources to support the tests," Lopes said. "And there's not enough testing to support building up one range."

Since forming, the group has met quarterly, most often in Washington, D.C., to tie in with other meetings. Now, however, the group plans to rotate and meet at different ranges, where officials can observe each other's capabilities, Ortego said.

As a group, they work to share problems and solutions. Where one range might have

an issue, another range might already have encountered and fixed the problem, Ortego said.

In addition, the group can share expertise and mobile assets. As Kodiak prepares to launch a target as part of Integrated Flight Test - 13C, test experts from Point Mugu, Calif., White Sands and Vandenberg Air Force Base, Calif., are campaigning to the Alaskan range to team with the Alaska Aerospace Development Corporation which runs the KLC. When Pacific Missile Range Facility led the Long Range Air Launch Target test last month, RTS supported the mission and sent the KMRSS *Worthy* to assist with sea-based communications and telemetry work.

"Our vision is every range participates in every test in some way, either by contributing lessons learned, people or assets," Lopes said.

In fact, the *Worthy* will see more work and some upgrades in the coming year as part of the test bed development.

"It is a proven safety and telemetry gathering platform," said Terry Brown, RTS I&M program manager.

The upgrades on the *Worthy* serve as an example of how the PRST is supposed to work. Being mobile, the *Worthy* can travel to any number of destinations to support missions.

In the past, however, ranges

had to certify each piece of equipment they might use, and since each range worked just a little differently, those certifications might take some time, pushing mission schedules back.

With the PRST, the upgrade work will include a committee made up of members from other ranges that will provide input on critical requirements, particularly range safety, communications and data.

"We have to be able to talk to each other," Ortego said, adding the committee will give ideas for needed features.

"What do ranges need to make it useful?" Ortego said.

When the work is completed, the ranges will be able to certify the *Worthy* immediately, and, ideally, technicians from one range or another would be able to board the ship and work with the equipment.

And with the success of the LRALT test, Lopes and Ortego said, MDA will look even more closely at air-launched targets, which especially feed into the Pacific test bed concept. With a limited number of land masses from which to launch targets, range testers can only utilize a certain number of trajectories for

incoming target vehicles. But air-launched targets change that dynamic.

"We have to continue to develop air-launch targets," Lopes said. "They are key to the flexibility."



Steven Lopes



Neal Ortego

## Long Range Air Launch Target flies flawlessly

By Jim Bennett  
Editor, *Kwajalein Hourglass*

A successful rocket flight in May near Kwajalein demonstrated how missile testing doesn't always require a land-based target.

The Reagan Test Site on Kwajalein Atoll supported the Missile Defense Agency's recent test flight of the Long Range Air Launch Target, a missile that is literally dropped out the back of a C-17 Globemaster aircraft before it ignites and flies to its target.

"This was a demonstration flight to prove the viability of dropping a target from an aircraft," said Maj. Win Keller, RTS Theater Missile Defense test director. "We're not tied to a land-based target anymore ... so [testers] can go where sensors that can look at you best are." The mission, led by the Pacific Missile Range Facility in Kauai, Hawaii, began with the C-17 taking off from Kauai.

The KMRSS *Worthy* safety ship coordinated all safety and communications near the target area in the Pacific, and AirScan pilots flew over the area to ensure that no civilian aircraft or boats were in danger. Forecasters at 3D Research

provided weather support and sensors on Roi-Namur and Kwajalein tracked the unfolding events. Two observation aircraft launched from Kwajalein to collect data on the flight.

When the C-17 reached a designated spot, the LRALT released a parachute from the back of the plane, allowing the rushing air to pull the palletted missile from the plane. Another chute opened and the missile fell 5,000 feet before releasing the pallets and firing.

"It was a pretty large mission," Keller said. "We collected all the data the customers asked for."

The *Worthy* left for sea April 16 with a crew of 28 — 17 Marine Department personnel, 10 technical crew members assigned to the mission and the ship's captain Jeff Rogers — and arrived at a test support position near Midway Island April 23.

"The *Worthy* had three missions to



perform," said Mark Thimsen, KRS mission safety manager. The *Worthy* was responsible for tracking three telemetry links, providing real-time data transmission and launching weather balloons before, during and after the long range air launch target launch. The ship returned May 10.

"They were out there a month," Keller said. "They did a great job."

The missile — co-developed by MDA, the U.S. Air Force Space and Missile Command and L3/Coleman Aerospace Corp., simulated a theater-type re-entry vehicle, according to a press release. LRALT was developed as a target for realistic testing of the Ballistic Missile Defense System.

The LRALT program is managed by the MDA Targets and Countermeasures Directorate, the release stated. LRALT is based on two Minuteman II second stages taken from deactivated assets.

## Echo Company, 1st Satellite Control Battalion repeats at Pacific Regional NCO, Soldier of the Year Boards

By 1st Sgt. Mitchell Burnett  
Unit reporter

**WHEELER ARMY AIRFIELD, Hawaii** — For the second year in a row, Echo Company, 1st Satellite Control Battalion Soldiers have swept the Space and Missile Defense Command Pacific Regional NCO and Soldier of the Year boards. This year, Sgt. Fredrick Edison and Sgt. Steven Youngblood, both Team Leaders in Echo Co., were named as the NCO and Soldier of the Year, respectively.

The two winners hail from their unit's station in Okinawa, Japan. But they were still glad to travel to Hawaii for the competition that selected those who would go on to compete in the SMDC NCO and Soldier of the Year boards in Washington D.C.

NCOs and Soldiers competing at the board began arriving in Hawaii April 18. They immediately began their final preparations, getting uniforms turned into local cleaners for that fresh-pressed look and refining biographies and presentations. Studying was also high on the agenda. Enjoying the great scenery and touristy opportunities had to wait.

The board was staged at the Regional Space Support Center here. RSSC-PAC Master Sgt. Ray Keefer set up the event,

making all the necessary notifications and arrangements to ensure a high quality board for the Soldiers competing.

April 20, the competition kicked off with a weigh-in and Army Physical Fitness Test for all board participants. All Soldiers excelled in these areas and impressed board members with their physical stamina.

After the APFT, the board competitors were released for final preparations, haircuts, etc. The actual SMDC PAC Regional Board began April 21. Board members included President of the Board Command Sgt. Maj. Daryll Sumpter of 1st Space Battalion, 1st Sgt. Mitchell Burnett of Echo Co. 1st SATCON, Sgt. 1st Class David Marmolejo of Joint Tactical Ground Station-PAC and RSSC-PAC's Keefer.

The Soldiers competing for the top honors underwent a grueling period of uniform inspections, answering questions and giving presentations on various topics to include physical fitness and leadership. In addition, NCOs and Soldiers were required to

recite the NCO Creed and sing the Army Song.

Preparation for this event was evident — Sumpter commented on the outstanding performance of all board participants. The hard work and dedication put in by all of the board competitors paid off in the end as everyone learned something from the board and gained valuable experience.

"I really learned a lot from

Sgt. Maj. Sumpter's critiques at this board. It was different from our local boards, and I feel it helped to further prepare me to compete at the next level," said Youngblood.

Edison agreed, adding, "This board really gave me the confidence that I need to perform even better at the next board. I know what I need to work on."



Photo by 1st Sgt. Mitchell Burnett

Sgt. Steven Youngblood, left, and Sgt. Frederick Edison, both of Echo Co., 1st SATCON Bn., were named Soldier of the Year and NCO of the Year respectively.

## APIC examiners meet to determine quality winners

By Sandy McAnally  
G-3, Command Evaluation Branch

**HUNTSVILLE, Ala.** — Each year, the U.S. Army Space and Missile Defense Command presents the Commander's Quality Award. But before that can happen, a group of dedicated employees meets to review applications.

In May, employees from organizations across SMDC met for two intense weeks off site to review applications for the Commander's Quality Award. Quality Award winners will be announced later this month and be recognized at an awards ceremony in July. More information about CQA winners will be included in later editions of *The Eagle*.

The offsite event was the fifth annual examination process in support of the Commander's Quality Award. The work

schedule was rigorous, but participants worked diligently to analyze the applications and prepare feedback reports.

The Commander's Quality Award Program gives major subordinate elements (MSEs) the opportunity to showcase their business processes and improvement efforts accomplished during the previous year, and to be rewarded for their accomplishments.

Jay Fadgen of the Federal Consulting Group, along with Candace Holcomb, Plans and Operations (G-3), Command Evaluation Branch, facilitated this year's Down Select. The examination process focused on examiner training the first week and application review and analysis

the second week. Six applications were examined using the seven categories of Army Performance Improvement Criteria (APIC) as the standard performance measure. Each application received a numerical rating and a feedback report, which includes the examination team's assessment of the application's strengths and opportunities for

improvement.

The benefit from the Down Select process is the insight each applicant gains from an external review. Applicants can use APIC criteria along with the feedback reports to enhance their current performance and implement quality process improvements and cost savings in their future day-to-day operations.

At the end of the two-week event, Down Select teams complimented the outstanding instruction and support provided by Fadgen, Holcomb and Dana Henslee. Teams also strongly supported the eclectic mix of team members from different SMDC organizations as a great team building experience. Participants received certificates as APIC Examiners and mementos for their dedication and hard work, and departed Guntersville until the next annual Quality Down Select.



The Busy Beez Team members, Jack Fisher, left, Gloria Flowers, Leondra Robinson, and Barbara Dixon, buzz to a brief pause between consensus sessions. Dana Henslee, second from right, was the Down Select coordinator and advisor.



Photos by Candi Holcomb

Dale White, right, team leader and task master of the Fun Team, shares a laugh with Sharon Crawford, left, and Jeanetta Burwell, while keeping his team on schedule.



Photo by Maj. Laura Kenney

Capt. Leticia Walpole presides over the piñata event while children scramble for goodies.



Photo by Sgt. 1st Class Dennis Beebe

Prepping for the feast, 1st Sgt. Herbert Rodriguez, left, Capt. Leticia Walpole and her husband Mark share the food chores at the 100th Missile Defense Brigade (GMD) Family Day picnic. The Walpoles will be stationed at Fort Greely, Alaska. The Family Day celebration doubled as a going-away party for those members of the unit destined for Alaska.



Photo by Maj. Laura Kenney

Col. Gary Baumann, commander of the 100th Missile Defense Brigade (GMD) hands out a Spouse Appreciation certificate to a wife of a "GMD" Soldier during Family Day festivities for the unit.

# Having fun, saying farewell

*Unit farewells Alaska-bound Soldiers with fun first family day*

**By Maj. Laura Kenney  
100th Missile Defense Brigade (GMD)  
Public Affairs Officer**

**TURKEY CREEK, Colo.** — Castles for jumping, sand for sifting, ponies for riding, balls for hitting/catching, and tons of food for devouring marked the first official family day of the 100th Missile Defense Brigade (Ground-based Midcourse Defense). The inaugural event served a dual purpose — providing an appropriate send-off to the Alaska-bound members of the unit as well as celebrating Army families.

Held at Fort Carson's vast recreation/picnic area here May 27, the festivities included the awarding of spousal appreciation certificates to all better halves, and a hearty and heartfelt farewell to "GMD" Soldiers bound for the Land of the Midnight Sun.

That group of Soldiers, all now trained to standard in their first of its kind mission, will be departing on a staggered schedule with their families to postings at Fort Greely, Alaska, over the next few weeks. The ground-based midcourse missile defense system is scheduled for activation this fall.

Col. Gary Baumann, brigade commander, set the seal on the day, with words of appreciation for all that Army spouses do, and with rousing praise of those Soldiers Alaska-bound.

"Never forget that, without your spouses, you'd have to do everything yourself, they're as much part of the team as you green-suiters. And, although many of you will now be serving in 'the Great Land' while others stay here in Colorado, remember that we are all one unit, united in an extremely important mission, that of defending our great nation."

## Team Bravo runs, ruck marches, shoots with the best

By Sgt. 1st Class David Combs  
Unit reporter

**FORT MEADE, Md.** — At 6:20 a.m. sharp May 4, three Soldiers from Bravo Company, 1st Satellite Control Battalion, threw their 40-pound rucksacks on their backs, cinched up the shoulder straps and staged themselves at the starting line with eight other teams competing in the 241st Military Police Company's Annual Shooting Skills Competition.

Finishing with a hard-earned 13 points,

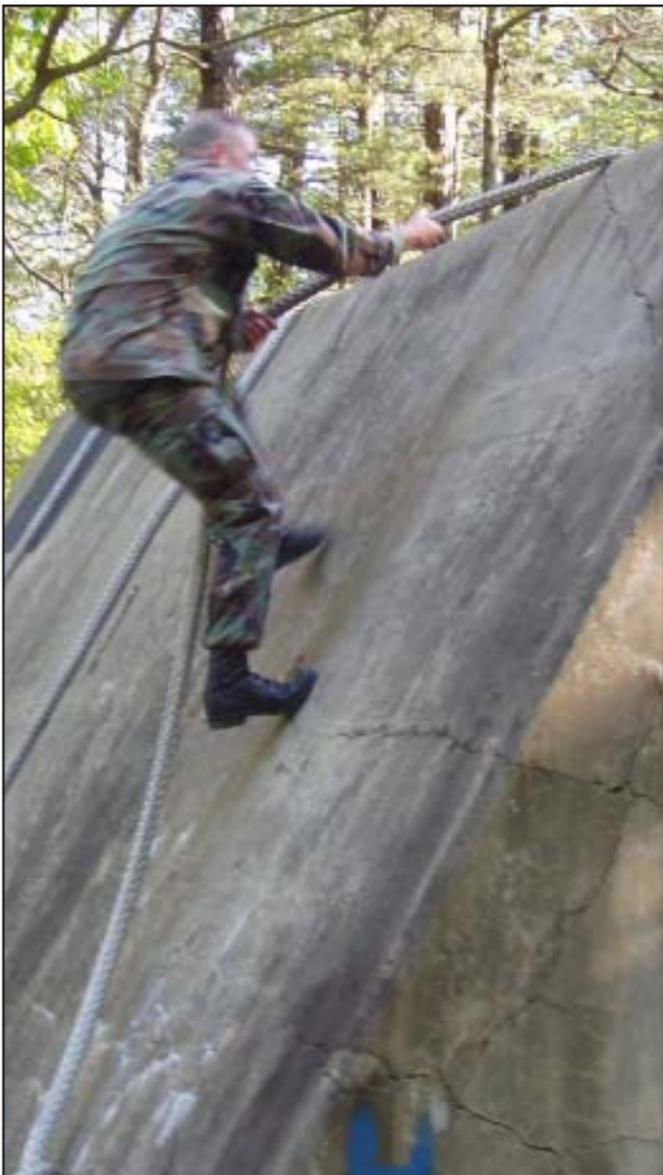


Photo by Sgt. 1st Class David Combs

Sgt. Eric Erisman, B Company, 1st Satellite Control Battalion, conquers an obstacle.

Team Bravo claimed second place behind first-place finishers from Fort Myer, Va., with a final score of 12 points. The U.S. Army Security Force team from Fort Detrick, Md., took third place with 14 points.

The competition tests the physical and mental strengths of its competitors in three events. The team with the lowest overall score, based on how they placed in each event, wins the competition.

Like thoroughbred horses at the starting gate, 27 Soldiers lunged forward at the sound of the starting gun and began the six-mile race.

Back and forth, three teams jockeyed for the lead. At the one-mile mark, Team Bravo was in the lead. At the two-mile mark, it was the 241st MP team in the lead. At the end of the grueling six-mile road march, Team Bravo finished third with a time of 1 hour, 5 minutes, and 44 seconds, just two minutes behind the first place team.

"Even though we trained for four weeks, the road march was

still tough. The next two events will determine if we trained hard enough," said Sgt. Eric Erisman, one member of Team Bravo, after the road march.

After a 30-minute rest and refit period, Erisman and his teammates, Spc. Ryan Ghan and Pfc. Andrew Sanders tackled the second event, the obstacle course race. The race began with a 300-meter sprint to the first obstacle – a rope climb over a high wall. Erisman led the way with Ghan and Sanders right behind him. One by one, Team Bravo successfully engaged each of the remaining four obstacles as they sprinted back to the start/finish line. Their final time to complete the entire obstacle course was 4 minutes, 24 seconds. That time was good enough for fourth place in the obstacle course event.

Exhausted from sprinting through the obstacle course, Team Bravo immediately moved to the final event, the stressed shooting skills challenge.

Still trying to catch his breath, each Soldier positioned himself at one of the three firing lanes; Sanders at the M9 pistol lane, Ghan at the M16 rifle lane and Erisman at the 12-gauge shotgun lane.



Sgt. Eric Erisman, Spc. Ryan Ghan and Pfc. Andrew Sanders, B Company, 1st Satellite Control Battalion, move out on the six-mile road march.



Pfc. Andrew Sanders, B Company, 1st Satellite Control Battalion, destroys his targets with the M-9 pistol during the final event in the 241st Military Police Company's Annual Shooting Skills Competition held recently at Fort Meade, Md.

Weapons locked and loaded, Team Bravo was ready.

"Commence firing!" bellowed the timekeeper. The sound of gunfire erupted as Team Bravo engaged their targets. Soda cans exploded into the air, balloon targets popped and watermelons shattered into pieces as the Team Bravo Soldiers emptied their weapons magazines down range.

After the last bullet met its target, the timekeeper stopped his watch and declared that Team Bravo had completed the competition. Erisman, Ghan and Sanders quickly surveyed their lanes and congratulated each other on a job well done.

It would not be for another two hours until the final score was tabulated and the winning team announced.

Although they didn't win the competition, their second place overall allowed Team Bravo to establish bragging rights as the best team and the best Soldiers on post, at least until the next competition.

"Every SATCON Soldier should experience this. I know I'll be back next year," said Sanders.