

The Eagle

United States Army Space and Missile Defense Command

Volume 9, Number 6, July 2002

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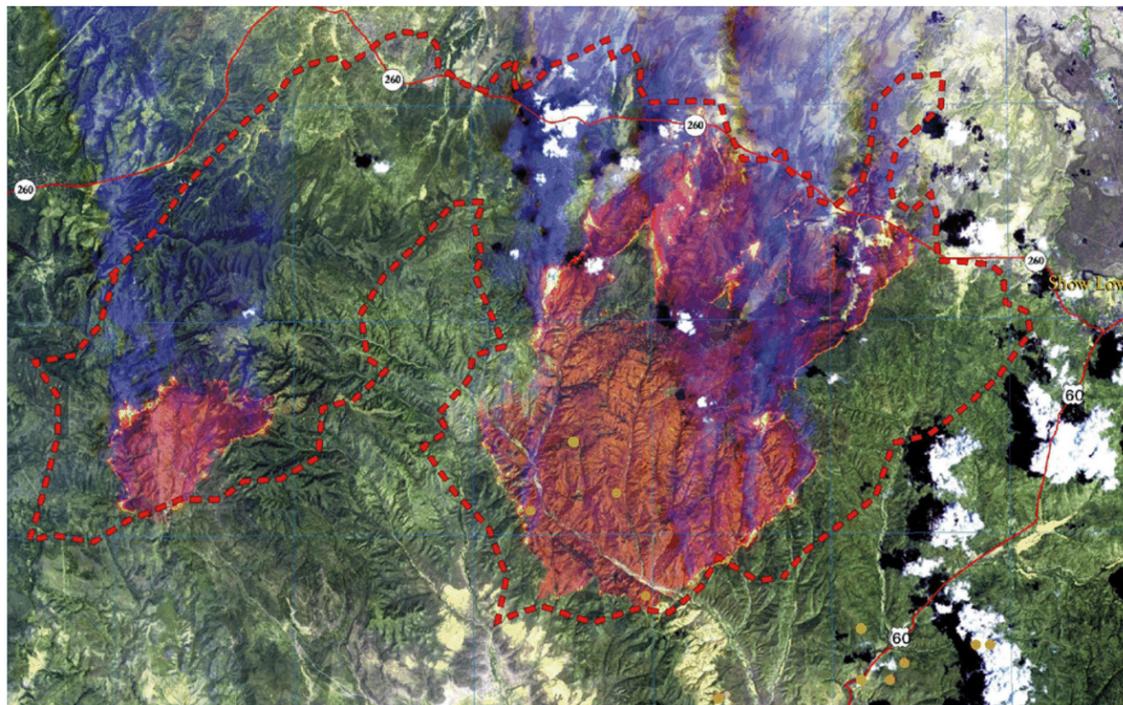
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This image of the Chediski-Rodeo Fire in Arizona was taken from a LANSAT 7 Satellite on June 21. The red region is the burned area as of the 21st. The red dotted line shows the additional land the fire had consumed as of June 27.

Firefighters use Army Space satellite imagery to battle blazes

by Capt. Laura Kenney
Army Space Command

COLORADO SPRINGS, Colo. — When you think about fighting the devastating power of a forest fire, the first images that surface are those of heroic, brawny firefighters — soot and sweat smeared — battling the searing orange and red flames literally first hand.

Today's technology, however, has added a new dimension to fighting this particular enemy. Now, it's actually

possible to outsmart these disasters. Satellites and computers are allowing firefighters to predict the course of a fire, plot hot spots and trigger points, and plan the best ways to outmaneuver these destructive infernos.

Satellites are where Army Space Command comes in. Army Space soldiers and civilians, equipped with the latest in sophisticated technology, have joined the firefighting force. By combining space-

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Millennium Challenge 02

SMDC to play 'huge role' in joint experiment at Forts Bragg, Irwin and other locations

by Giselle N. Bodin
SMDC Public Affairs Office

The Space and Missile Defense Command will participate in the U.S. Joint Forces Command's MILLENNIUM CHALLENGE 2002 July 24-Aug. 15, with the majority of the command's 50 participants joining an integrated, live field exercise at Fort Bragg, N.C.

The purpose of MC02 is to determine the feasibility of a joint force conducting rapid, decisive operation in this decade and using technology to link the services' individual information, command, communications and operations elements as part of ongoing force transformation efforts.

SMDC is involved heavily

in the exercise, with four initiatives in space and missile defense areas being evaluated. With the addition of a fifth joint initiative, SMDC handles nearly half of the 12 Army initiatives. Kurt Reiting, the Space and Missile Defense Battle Lab experiments manager, is pleased with these efforts.

"SMDC remains positioned for success. We're really playing a huge role in this experiment," he said.

While most of the command's representation will be located at Fort Bragg for deployment, there also will be support at other locations throughout the country, such as Nellis Air Force Base, Nev.; Fort Irwin, Calif.; Colorado Springs, Colo. and Suffolk, Va.

SMDC objectives include highlighting the criticality of space and missile defense in Rapid Decisive Operations and Army Transformation, as well as continuing along the path to normalizing space. A third objective is identifying space and missile defense Doctrine, Organization, Training, Leadership, Materiel and Soldiers (DOTLMS) solutions for the Objective Force.

Lt. Col. Brad Baehr, officer in charge of the Space Support Element for the Army Forces Headquarters/ 82nd Airborne Division, is the senior Army Functional Area 40 Space Operations officer for MC02.

"We're excited to have the opportunity to demonstrate the importance of Army space support in a joint experiment,"

Baehr said. "ARSPACE and SMDBL have formed a strong team of superb soldiers coupled with leading-edge technology and operational concepts to support the initiatives."

This idea of a joint force having the rapid access of gathered and stored information to predict an adversary's actions would dissuade potential enemies and implement diplomatic solutions before events escalate to war.

"These initiatives will lay the groundwork for space operations in the future," Reiting said. "The experiments we are conducting are key to the next several years of development. It's great that SMDC can play an important role."

Command Column

The theme for this month's *Eagle* is, appropriately, "The Fight for Freedom, and the Army's Role in It." On July 4th, we celebrated the 226th birthday of our great nation. It is traditionally a day for picnics and parades, fireworks and concerts. But Independence Day should, especially this year, also be a day to reflect on the meaning of "freedom," the costs and demands it imposes on those who claim it, and the role of our Army in protecting and preserving it.

In 1776, we Americans announced to the world that we were assuming the duties and responsibilities of self-government to secure the ideals of freedom that, even today, people in many parts of the world only dream about. However, as they say, "freedom isn't free," and the citizen-soldiers of the U.S. Army have answered the call many times — at places like Lexington, Gettysburg, Normandy and Kuwait — to do whatever was necessary to defend it, for Americans at home and for friends and allies overseas.

Today, our Army has again been called on to confront those who would attack



Lt. Gen. Joseph M. Cosumano Jr.
Commanding General

Space Command soldiers are deployed today in the Central Command area of operations and elsewhere providing Joint and Army warfighters with access to space products, missile attack warning capability and information operations expertise. Meanwhile, the uniformed and civilian members of the Space and Missile Defense Command family are continuing their support to the nation and our warfighting commanders by providing

America's values and institutions. The Global War on Terrorism — today in Afghanistan, tomorrow perhaps in other places — reminds us that the post-Cold War world is still a very dangerous place, and that freedom still needs a strong defender. That's why Army

world-class Space support, integrated missile defenses, effective computer network operations and advanced technology development efforts.

As you participated in the long Fourth of July weekend and its traditional parties and picnics, I hope you kept in mind what this holiday has meant to Americans generally for the last two and a quarter centuries. Remember that we as citizens enjoy rights and freedoms that we may take for granted, but that are not universally available to others who seek them. Let's also keep in mind the important role of our Army's soldiers and civilians in defending and preserving those rights and freedoms for our countrymen and others around the world.

And of course, let's celebrate safely and responsibly. The rest of the year promises more and greater challenges for all of us in the Army, SMDC and ARSPACE, and I want you healthy to help us overcome these challenges.

SECURE THE HIGH GROUND!

On June 14 we celebrated the Army's 227th birthday. It is, and should be awe inspiring to know we are part of the most venerable institution in our country's history.

Americans enjoy the well being that exists today because of the commitment and dedication of soldiers, families and civilians, past and present, and the sacrifices they made. To care about our country is to care about our Army. After all, the Army played a very important role in our history.

We are responsible for protecting and preserving the well being we enjoy. On Sept. 11, 2001, terrorists tried to take that well being away from us. There has been much discussion and speculation about possible targets and the timing of future terrorist strikes. No one knows for certain if anything like that will come to pass. What we do know is that our preparedness, vigilance and attention to detail reduce its likelihood.

As we work to thwart future aggression against our own sovereignty, and that of our allies, we can't become complacent. Complacency is our enemy; our adversaries are waiting for it. Let's not let it happen.

The war on terrorism is only one threat to our well being. Our overall well being requires us to also be aware of other critical areas of concern, such as suicide prevention.

Suicide rates are up across the military and they tend to increase during the spring and summer months. Suicide decreases unit readiness and morale. It causes lifelong suffering and guilt for families, friends and co-workers of the victim. Please remember, prevention keeps us from having to answer the question, "Could I have done more?" We all must practice suicide prevention. We must know the warning signs, listen to our soldiers, encourage help-seeking behavior and encourage friends to take care of friends.

In closing, the leadership of the command is grateful to all of you for your excellent service and your contributions to the war effort and your efforts here at home, such as Army Space's support of the recent firefighting efforts in Colorado and Arizona.

Thank you for what you do for our command, stay safe and "Secure the High Ground."



Command Sgt. Maj.
Wilbur V. Adams Jr.

Design concepts sought for Pentagon attack memorial

WASHINGTON, D.C. — DoD officials have announced a competition to choose a design for a memorial to honor those killed in the Pentagon terror attack 10 months ago.

The competition is open to anyone. Rules for the competition are on the Web at: <http://pentagonmemorial.nab.usace.army.mil>. Entrants can also receive the rules by writing: U.S. Army Corps of Engineers Baltimore District, Public Affairs Office, P.O. Box 1715, Baltimore, MD 21203. Deadline for submission is Sept. 11, 2002, at 5 p.m. EDT.

The budget for the design and site work right now is \$2 million. If all goes as planned, the memorial will be dedicated on the second anniversary of the attack — Sept. 11, 2003.

Exercise your right to vote

For our men and women in uniform who are stationed around the globe, defending democracy and freedom, it is important that we emphasize the principal tenant of these causes — the right of the people to choose the leaders of their government.

The right to vote belongs to all voting age Americans at home and abroad. No matter where you are stationed,

The 2001 elections demonstrated the importance of your ballot as your absentee ballots were opened and counted. And your voices were heard.

Thirty-four senators, your entire house of representatives, 37 governors and hundreds of local officials are being elected this year.

You have the right and opportunity to cast your vote through primaries, absentee ballots, special elections, runoffs and general elections. Most of you will cast your vote through absentee ballots.

Voting absentee has never been easier and is as simple as filling out and mailing the Federal Post Card application or FPCA. The FPCA is available from your unit voting assistance officer, who can also assist you with the procedures for your state of legal residence, or on the Web at www.fvap.gov.

Don't let someone else decide the future for you. Your opinions are important and marking the ballot is what makes your opinions speak for you.

— **Gen. Richard B. Myers, chairman, Joint Chiefs of Staff**

The Eagle ... is an authorized unofficial newspaper published for military and civilian members of the U.S. Army Space and Missile Defense Command published under the authority of AR 360-1. The editorial style applies the industry standard Associated Press Stylebook. Contents of *The Eagle* are not necessarily official views of, or endorsed by, the U.S. Government, Department of Defense, Department of the Army, or U.S. Army Space and Missile Defense Command (SMDC). This monthly newspaper uses offset reproduction and has a circulation of 3,300. Reader input is solicited and welcomed; however, no payment will be made for such contributions.

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Seeing two stars

Heidi Urias helps pin another star to her husband's uniform during a frocking ceremony July 1 in Huntsville. Maj. Gen. John M. Urias is currently dual-hatted as the deputy commanding general for Research, Development and Acquisition, Space and Missile Defense Command, and as the Program Executive Officer, Air and Missile Defense.



(Photo by Debra Valine)

What We Think

The Eagle asks:

What does freedom mean to you?

"Freedom means being able to make my own decisions and not have them made for me."



Sgt. 1st Class Timothy Gore, 1st Satellite Control Battalion, D Company

"Freedom sets us apart more than any other factor from the world. Freedom is being able to make your own decisions and live by them regardless of the outcome. It's your decision, it's your choice, and you live with it. Unfortunately, we give a lot of our freedoms away. Every day, when people don't pay attention to what's going on in politics, the freedoms are taken away one at a time. Little by little, they are nickled and dimed and taken all away."



Staff Sgt. Thomas Torri, Legal NCO, Army Space Command HHC



Chief Warrant Officer 4 Robert Flos, JTAGS Action Officer, Army Space Forces

"Freedom is something you must fight to maintain. It is not a right, but something that must be cherished and protected. It is praying to any god you want and knowing you won't be persecuted for it. It means you can voice your opinion about our government's policies and influence changes by voting, and it means I can choose to lay down my life to protect it, even though some people take it for granted."



Maj. Heidi Gebhardt, Executive Officer, 1st Satellite Control Battalion HHC

"Freedom means being able to get up in the morning and make my own decisions about what I want to do. Being able to share time with my family and go camping if I want to. Freedom is not just about protecting the nation; it's about protecting the things we can do with our family and friends."

"According to Merriam-Webster, freedom is 'the absence of necessity, coercion or constraint in choice or action.' For me, it is the ability to choose my own fate, the opportunity to openly worship the Almighty God, and the privilege to serve a great nation. For Americans, freedom is earned by the soldier on the ground, on point for the nation. At SMDC, we all work for one reason — the soldier on the ground. Let us never forget the credit belongs to the man who is in the arena; and for that soldier on the ground, 'NE DESIT VIRTUS!' — 'LET VALOR NOT FAIL!'"



Capt. Patrick Mate Aide to Maj. Gen. John Urias

"Freedom to me is doing exactly as I please, and still be able to live with myself. Also it means **not** — **not** having to clean a messy house, **not** having my kids tugging at me from all angles and **not** having any bills. Seriously, freedom means having courage, pride and dignity to stand up for what you believe, maintaining a positive attitude at **all** times, and having God's divine love. When you are able to give and share whatever talents and goodness you possess with others for their betterment, I would say you have the gift of freedom."



Shirley Rose, Administrative Assistant, Personnel Office, Huntsville.



Staff Sgt. Darrick Noah Regional SATCOM Support Center - Pacific

"The ability to have a choice. That is what we fight for every day."

Army Space soldiers deploy

by Sharon L. Hartman
Army Space Command

COLORADO SPRINGS, Colo. — A June 19 ceremony at Army Space Command's Building 20K honored soldiers from the Command's 1st Space Battalion who later deployed on a mission in support of OPERATION ENDURING FREEDOM. The team replaces an Active Component unit from the 1st Space Battalion, in the continuing mission to provide Space expertise and assets to support the global war on terrorism.

"This deployment is the seventh unit deployed from Army Space in support of ENDURING FREEDOM since Sept. 11," said Col. Peter T. Hayward, chief of staff for Army Space Command and guest speaker at the ceremony. "The team you see here is uniquely qualified to provide space force enhancement capabilities. Generally, our space support teams assist in using satellite systems for position, navigation and timing; commercial and military imagery exploitation; communications; theater ballistic missile warning; and space environmental effects."

Expanding more on the team, Hayward noted, "Half the members of this team are made up of Reserve Component, Individual Mobilization Augmentees (IMAs)."

Hayward drew on a bit of history to give a slightly different perspective of today's IMAs. "On April 19 some 227 years ago, American citizens in Lexington, Mass., set aside their plows and picked up rifles to protect their homes. This legacy of citizen soldiers continued through the nation's history. These IMAs are today's

minutemen, side by side with their active duty comrades. The Army cannot conduct major deployments without our Reserve Component, and the same is true for Army Space."

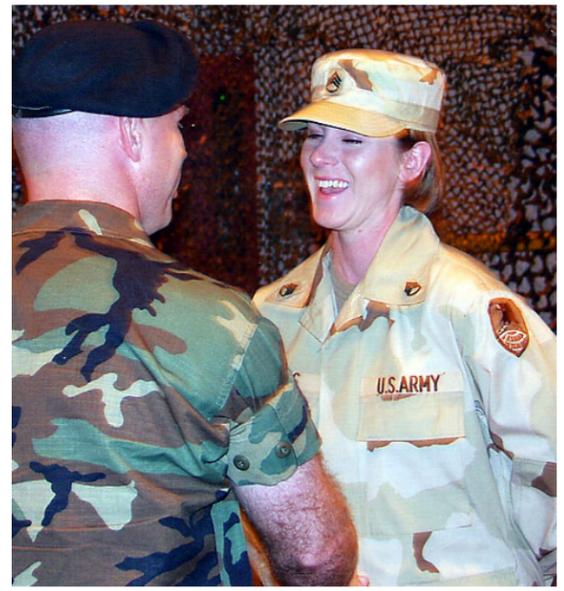
Upon introducing each team member and remarking on his or her military background, Hayward proudly said, "We could not have asked for better experience for this mission."

Maj. Bob Zaza, the team officer in charge, is one of the minutemen of today that Hayward referred to. Zaza, a Reserve officer, served in the 24-hour Army Space Operations Center after being activated. He then moved to the battalion and became an Army Space Support Team Leader.

"This is my first wartime deployment. It's not the first time being away from family, but it will be the longest period of time," said Zaza. "My daughter is almost 17 months old. She is kind of the team mascot. I am really going to miss all the cute things she does on a regular basis. I sat in front of a video camera and taped myself reading *Hop on Pop* and *Go Dog Go*, so she can watch daddy on the television reading Dr. Seuss books."

Staff Sgt. Jessica Adams, the NCOIC, is the newest member to Team 4. Initially a member of another team, she volunteered for the mission after an original team member had to undergo knee surgery.

"I volunteered because this is a great chance to do something real. There have been a lot of exercises and behind the scenes events — but this is real," said Adams.



(Photo by Sharon LHartman)

Sgt. 1st Class Travis Adams (left) shares a few laughs with his wife, Staff Sgt. Jessica Adams, part of the 1st Space Battalion's Army Space Support Team 4 that deployed in support of OPERATION ENDURING FREEDOM.

Hayward also commented on the challenges families face holding down the home front while their spouses serve half a world away.

"I have talked about these soldiers, but their families are no less important. I want the families of deployed members to remember that you are not alone. The soldiers and the other families in the battalion are here to support each other and to support you. We will collectively do whatever we can to ensure that the Army takes care of its own!"

In addition to Zaza and Adams, others deploying include 1st Lt. Pol Ou, 1st Lt. Shawn Price, Sgt. Samuel Huseby and Spc. Sean McGrane.

Ground-based missile defense program breaks new ground

Ceremony at Fort Greely, Alaska, opens test bed site construction

By Mike Hubbard
GMD Joint Program Office

On June 15, just two days after the official withdrawal from the 1972 Anti-Ballistic Missile Treaty, construction began on the Ground-Based Midcourse Defense Test Bed site.

Shovel in hand, Brig. Gen. John Holly, program director of the GMD Joint Program Office, led the official groundbreaking at Fort Greely, Alaska. With a scoop and a toss of earth, the United States entered a new strategic era in which we are free to develop and test effective defenses against ballistic missile attacks.

Test bed facilities under construction at Fort Greely include an In-Flight Interceptor Communications System Data Terminal, a Battle Management Command and Control Node and the six silos to house interceptor missiles.

The Alaska site will be just a part of a more expansive test range. This range will encompass much of the Pacific Ocean, from the far reaches of the Aleutian chain to the atolls of the South Pacific. A command and control center is planned for Huntsville, Ala.

The test bed is scheduled to have an initial operational capability by Sept. 30, 2004.

Today, rogue nations and states that support terrorism are intent on developing long-range missiles capable of striking the United States with weapons of mass destruction. We have no system to protect any of our 50 states from this type of attack. While GMD is not deploying an operational missile defense system, elements now being constructed for the test program may be activated for use in an emergency to protect our nation.

The GMD Test Bed will test and evaluate the entire spectrum of GMD operations. Activities at Fort Greely will validate Arctic site preparation and construction techniques; refine logistics, maintenance and training procedures; and analyze the functional capabilities of complex systems under realistic conditions. One of the most important specialty tests GMD is going to perform in Alaska will be conducted on the Ground-Based Interceptor itself. The interceptor will be constructed, transported and in-processed at the test site, and subsequently placed in a silo. It will require routine, day-to-day maintenance and training operations as part of a full-up testing system.

The GMD program has already demonstrated great

potential to deliver a system that, in conjunction with other Missile Defense Agency systems, will be capable of defending the United States, our deployed forces overseas, and our friends and allies. In addition to major advances in command and control systems, radars, rocket boosters and improvements to existing legacy systems, the GMD program has made major strides in demonstrating the effectiveness of hit-to-kill technology. Since October 1999, the system has achieved four successful intercepts of mock enemy warheads in integrated flight tests.

These successes provide a solid foundation on which GMD will proceed with its more robust development and testing program. Under MDA's dynamic test bed philosophy, GMD has a newfound flexibility. Testing will grow more complex, and the plan is to sequentially increase test difficulty. GMD is now able to focus on multiple test configurations and can insert new technologies soon after they become available. The new philosophy also permits GMD to build more confidence in the overall system through increased test and target complexity and with the insertion of more variables for impact angles and velocities.

System performance predictions will no longer need

to be derived from modeling and simulation extrapolation, and engineers now have broad freedom to experiment. System elements can now be stretched and stressed, promoting greater confidence, with less risk. Site activation activities in Alaska are the first step in establishing the infrastructure to validate operational concepts and conduct more operationally realistic testing.

Soon GMD will be able to integrate elements from other programs and technology initiatives. It will integrate the Navy's Aegis ship-based developmental missile defense system, the Army's THAAD (Theater High Altitude Air Defense), and the Air Force's Airborne Laser programs into flight, ground and specialty testing. Integration is key to MDA's goal of complementary layered missile defenses.

"We are now in the execution phase of the program," Holly announced to his staff upon his return to the GMD Joint Program Office in Huntsville. "We have been a program that involved a lot of testing and planning; now we have crossed over to the execution of a very important program for our national defense."

Editor's note: Mike Hubbard is deputy director for site activation command, Ground-Based Midcourse Defense Joint Program Office.

Civilian and Military News

U.S. State Department alerts Americans of more terrorist actions

U.S. Department of State — This Worldwide Caution alerts Americans to the need to remain vigilant during the upcoming summer season and to remind them of the continuing threat of terrorist actions which may target civilians and include suicide operations.

The U.S. Government continues to receive credible indications that extremist individuals are planning additional terrorist actions against U.S. interests. Such actions may be imminent and include suicide operations. The State Department has no further information on specific targets, timing or method of attack. It is reminding American citizens to remain vigilant with regard to their personal security and to exercise caution.

Terrorist groups do not distinguish between official and civilian targets. Recent attacks on worshippers at a church and synagogue underline the growing possibility that as security is increased at official U.S. facilities, terrorists and their sympathizers will seek softer targets. These may include facilities where Americans are generally known to congregate or visit, such as clubs, restaurants, places of worship, schools or outdoor recreation events. Americans should increase their security awareness when they are at such locations, avoid them or switch to other locations where Americans in large numbers generally do not congregate. American citizens may be targeted for kidnapping. For details, go to <http://travel.state.gov>.

DoD civilians, military qualify for vacation club

WASHINGTON, D.C. (American Forces Press Service) — Service members and DoD civilians are eligible to rent condominiums in certain resorts around the world as part of a vacation club arrangement between the Army and a civilian corporation.

Army Morale, Welfare and Recreation arranged with Cendant Corp. and Resort Condominiums International to offer condos at reduced rates to active and reserve service members, military retirees, DoD civilians and any other persons eligible to use military morale, welfare and recreation services.

The deal offers condominium unit rentals for \$234 per week at selected resorts. The normal rates are \$600 to \$1,500 per week in season.

In the arrangement between the Army and RCI, the vacationer can get information about the Armed Forces Vacation Club from any MWR Information, Tickets and Reservation office or Information, Tickets and Tours office, or they can get information and book reservations either online or via a toll-free telephone reservation center.

Access to club information is available by visiting the Army's "Great Travel Deals" Web site at www.armymwr.com/portaltravel/traveldeals and clicking on the Armed Forces Vacation Club logo.

Some restrictions apply. Confirmed vacations are not transferable. The customer purchasing the space-available voucher must check in at the resort and be at least 21 years old. Pets are not allowed at any location. Service members and civilians must be flexible with their requests.

TSP becoming more user friendly

WASHINGTON, D.C. (American Forces Press Service) — Upcoming improvements to the Thrift Savings Plan for both military and federal civilian employees will make the program easier to use.

The most significant change is that accounts will become daily valued, instead of the current monthly valued. All transactions will be updated daily.

Other changes include better online access to accounts and participant statements expressed in shares and dollars, instead of just dollars as the current statements are.

All changes are due to be implemented Sept. 16. No action is required from participants. However, there will be a two-week period from the end of August until Sept. 16 during which participants will be unable to make certain changes to their accounts or make withdrawals.

For more information on the Thrift Savings Plan, visit www.tsp.gov. A chart outlining the upcoming changes is available online at www.tsp.gov/forms/tsplf11.pdf.

DoD introduces Online Medical Research Library

The Department of Defense, Department of Veterans Affairs and the Centers for Disease Control and Prevention, an agency of the Department of Health and Human Services, have launched an Internet site called Medsearch, a central repository of Gulf War-related medical research. Medsearch can be found on the Internet at <http://www.GulfLINK.osd.mil/medsearch>.

In July 2001, DoD, VA and CDC agreed to combine their resources to create this one-stop source of research information. The development team worked with veterans and researchers to ensure that Medsearch was user-friendly. Developers designed the Web site to serve the needs of both the layperson and the researcher. The site is indexed with plain language topic headings so that anyone can readily locate information. Those headings include topics of particular interest to Gulf War veterans that may not be featured in other sources, such as pesticides and depleted uranium. Scientists who want more specific data will find it on Medsearch as well.

The goal of Medsearch's creators is to include all the federally funded research into the illnesses of Gulf War veterans in one centralized place. The site will be updated frequently to ensure that it contains the most recent and complete information available.

Navy tests making online TRICARE Prime appointments

Imagine making an appointment with your primary care provider from your computer at 2 a.m. Don't imagine it — it's a reality for many Navy and Marine Corps families, and soon it may be possible for all TRICARE Prime military beneficiaries to make a medical appointment any time they want from their computer.

TRICARE Online, <http://www.tricareonline.com>, is a new DoD Web site that will allow beneficiaries to make medical appointments online, keep a personal healthcare journal, get reliable medical information and access TRICARE information about benefits and services.

While TRICARE Online was carefully tested before being unveiled at a few limited locations, Web site developers are now taking it to their toughest testers — beneficiaries.

"There are six Navy military treatment facilities that are beta testing TRICARE Online right now," said Capt. Brian Kelly, Medical Corps, director of E-Business, Policy and Standards for DoD's TRICARE Management Activity. "Twelve more sites will become active within the next few weeks."

In addition to making appointments from their personal computer, many beneficiaries will be able to use computers set up at Navy MTFs to make appointments. They will also be able to continue to make appointments the old fashioned way — by telephone.

According to Kelly, TRICARE Online with its appointment scheduler was initiated because more and more beneficiaries are comfortable with doing transactions over the Internet.

Kelly said TRICARE is the first major health plan to have such complete online access, and the first federal agency to do it on such a wide scale. He said all TRICARE Prime members should be able to access online appointment scheduling by April 15, 2003. (Story by Jan Davis, Bureau of Medicine and Surgery)

Travel expenses for specialty medical care may be reimbursable

WASHINGTON, D.C. (American Forces Press Service) — Travel expenses incurred while seeking specialty care are reimbursable in certain circumstances under new TRICARE rules.

Nonactive duty TRICARE Prime beneficiaries can be reimbursed for "reasonable travel expenses" when they are required to travel more than 100 miles from their primary care manager's office, according to information provided by TRICARE officials. This benefit is retroactive to Oct. 30, 2000. The new rules also allow one nonmedical attendant to accompany the nonactive duty patient. This benefit is retroactive to Dec. 28, 2001.

TRICARE officials advise travel reimbursement is handled by each service, so the program may vary slightly among services. They recommend patients with questions or seeking reimbursement contact their local TRICARE beneficiary counseling and assistance coordinator.

For more information on the TRICARE Prime travel entitlement, visit www.tricare.osd.mil/nma/default.cfm.

Long-Term Care 'Open Season' offers streamlined enrollments

by Gerry J. Gilmore
American Forces Press Service

WASHINGTON, D.C. — Military members, federal employees and their spouses have a six-month window that opened July 1 to take advantage of a streamlined application process for the Federal Long-Term Care Insurance Program.

Federal personnel officials estimate that 20 million people may be eligible to enroll.

The insurance is offered by the John Hancock and MetLife insurance companies through a contract with the Office of Personnel Management.

"The U.S. Office of Personnel Management is pleased to sponsor this important new benefit program, which is likely to be the largest employer-sponsored long-term care insurance program in the nation," OPM Director Kay Coles James noted on the program Web page at www.opm.gov/insure/ltc.

Long-term care insurance helps people with chronic health conditions to pay for caregivers and services that help them do such things as get out of bed, wash, dress, eat, go to the toilet and other activities that the ill and frail find difficult, according to OPM.

Long-term care may be provided at home, in a nursing home or in an assisted-living facility. Long-term care is not medical care and usually isn't covered by medical insurance plans. Likewise, the long-term insurance program does not cover medical care expenses or medicines.

During the program's first "open season," from July 1 through Dec. 31, eligible military members, federal civilians and their spouses need to answer a few health questions as part of the streamlined underwriting process. Underwriting is key: It determines an applicant's level of risk, eligibility to participate, premiums and benefits.

On the other hand, because premiums for long-term care insurance are based upon age and state of health, all federal civilian and military retirees must undergo full underwriting, which involves answering more health-related questions and providing more information.

The Long-Term Care Partners Web site, www.ltcfeds.com, debuted July 1. The site features open season information kits and application instructions.

There may be additional FLTCI Open Season enrollment windows, but none are scheduled or promised at this time, program officials said. Procedures and rules may change for future open seasons, they added.

The long-term care insurance program for federal employees "establishes the federal government as a pacesetter in the marketplace," James noted, "and reflects our commitment to and concern for you, the men and women who work for America."

Federal Long-Term Care Insurance Program: frequently asked questions

Q: When will the open season be held?

A: It started July 1 and will run through Dec. 31, with staggered 60-day enrollments within that time period.

Q: Who should enroll during the open season?

A: Anyone in an eligible group who needs the time to become educated about long-term care and long-term care insurance and will take advantage of the extensive educational campaign LTC Partners will be conducting.

Q: What will the underwriting be for the open season?

A: The underwriting requirements will be the same (meaning the same questions related to your health) as with the early enrollment. Employees and members of the uniformed services and their spouses will be subject to abbreviated underwriting. All other eligible groups will be subject to full (long form) underwriting. Anyone eligible to use the abbreviated underwriting application will have to answer additional questions if they want to apply for the unlimited benefit period during open season. The abbreviated underwriting questions plus the additional questions for unlimited are still fewer questions than full underwriting, but, of course, more than the abbreviated underwriting questions for the three-year or five-year benefit period.

Q: Will all benefits be available during the open season?

A: Yes, all of the benefits available in the Federal Long-Term Care Insurance Program will be available during the open season. In addition to the benefits available during early enrollment, there also will be weekly benefits, an unlimited benefit period, a facilities-only option, non-standard insurance and a services-only non-insurance package. Federal and postal employees and members of the uniformed services and their spouses who apply for the unlimited benefit period will have to answer more questions about their health than if they apply for the three- or five-year benefit period.

Q: What choices will I have for paying my premiums?

A: You will be able to choose from payroll/annuity deduction, automatic debit from your checking or savings account or direct billing from LTC Partners.

Q: If I enrolled during the early enrollment, can I change to payroll deduction during the open season?

A: Yes.

Q: At what age will my premiums be calculated?

A: Your "billing" age will be your age on July 1, 2002.

Q: If I enrolled during early enrollment and apply to change benefits during open season, can I preserve my "billing" age from the early enrollment?

A: Yes.

Q: If I apply during the open season and my application is approved, when will my coverage be effective?

A: It will be effective on Oct. 1 or the first of the month after your application is approved (called your "original effective date"),

whichever is later. And, for federal and postal employees and members of the uniformed services, you must be actively at work on that effective date. If you are not, the coverage will not become effective on that original effective date. Instead, it will become effective on the first day of the month after the day you return to being actively at work, provided that you are actively at work on this revised effective date. If your original effective date or your revised effective date is a weekend or holiday, you need to be actively at work on the last work day before that date. You must notify LTC Partners if you are not actively at work on your original or revised effective date (there may need to be another revised date, etc.). You must also notify LTC Partners if your health or eligibility status changes in a way that would change your answer to a question on the application that you completed.

Q: What does it mean to be "actively at work?"

A: For federal and postal employees, it means:

- You are reporting for work at your usual place of employment or other location to which government business requires you to travel; and
- You are able to perform all the usual and customary duties of your employment on your regular work schedule; and
- You are not absent from work due to sickness, injury, annual leave, sick leave or any other leave. For employees working an alternative work schedule, an "AWS" day off counts as a day you are actively at work.

For members of the uniformed services, actively at work means that you are on active duty and are physically able to perform the duties of your position.

Q: What happens if I apply while I am in an eligible group, but then I leave the eligible group before my insurance is effective? Will my insurance still become effective?

A: It depends. You must be in the same eligible group on the date you apply for the insurance and on the date the insurance is supposed to become effective. Generally, if you leave the eligible group during this time period, your insurance will not become effective. But there are some exceptions:

- If you retire from active service after you apply but before the coverage effective date, you must reapply using the long form application, as a retiree.
- If you apply as an employee and are involuntarily separated from your federal job (other than for gross misconduct) after you apply but before your coverage effective date, your coverage will still become effective.
- If you apply as a qualified relative and the eligible person that you are related to either dies or is involuntarily separated from federal service after you apply but before your coverage effective date, your coverage will still become effective.

Q: How do I get an open season application?

A: You can ask to be placed on the mailing list to receive an open season information kit, including an application, by calling 1-800-LTC-FEDS (1-800-582-3337) or TDD 1-800-843-3557.

Fuel cell invention nets SMDC engineer cash award

Leon Riley's invention could improve electrical efficiency of fuel cells

by Debra Valine
Editor, *The Eagle*

Leon Riley, a general engineer in the U.S. Army's Advanced Technology Directorate, has conceived of an invention that could greatly improve the electrical efficiency of fuel cells powered radar arrays. The Army recently filed for a patent on his invention entitled "Phased Array Radar with Integrated Fuel Cells for Distributed Current Feeds to Transmit Receive (TR) Modules."

Riley will receive an initial invention award of \$200 as a result of the patent application being filed and a final invention award of \$500 if the patent is issued. Those awards are mandated by Army regulations. In addition, Riley is statutorily entitled to receive a share of any royalties generated through licensing of his invention, up to a maximum of \$150,000 per year.

His initial invention disclosure, first submitted in 1996, was part of a large backlog transferred from the Missile Command (now Aviation and Missile Command), which had been handling SMDC's patent work. A team now reviews and processes these old files, as

well as new invention disclosures. The team consists of Susan McCulley, who manages the Technology Transfer program, an Invention Evaluation Board, members of the SMDC Legal Office and patent attorneys at Department of the Army. SMDC is in the process of hiring its own patent attorney.

"Most of the patents I have been awarded were while working at the Missile Command (now Aviation and Missile Command)," said Riley, who came to work at SMDC in 1987, when SMDC was the Strategic Missile Defense Command. "I was in the Test Directorate, which at that time was part of the Research Lab. Since that time, they have reorganized and the Test Directorate is part of the Test and Evaluation Command. Here I made some submissions, but the system has not been working very good."

Riley holds 13 patents.

"As far as patent processing, SMDC had to send the applications through AMCOM. They stopped doing that, but it is still a little disjointed," Riley said.

Another patent Riley submitted in conjunction with Brian Strickland addresses high temperature superconductivity.



(Courtesy photo)

Leon Riley checks on the progress of fuel cell development at Auburn University.

"I think that one has got opportunity," Riley said. "I have asked Susan McCulley to look at that one again. Things that start out as impossible somehow turn into obvious." When the high temperature superconductivity paperwork was first screened, the reviewer wrote "impossible" on it. Later, after learning universities were already working on the technology, that "impossible" changed to "obvious." "It depends on who is looking at it."

Riley, originally from Headland, Ala., got his start in engineering with a bachelor's degree in chemical engineering through the Reserve Officer Training Corps program at Auburn University - then Auburn Polytechnic - in 1954. After three years on active duty as an armament electronics officer in the U.S. Air Force, Riley returned to Auburn and received a bachelor's degree in electrical engineering in 1960.

Work on Riley's fuel cell technology is ongoing at the University of Mississippi in Oxford, Miss., and at Auburn University.

"The fuel cell technology we are investigating can bring about the cost and performance breakthrough needed for wide spread application of fuel cells," Riley said. "We expect similar technical advances in fuel cell reformers and heat pipes that are under development at Auburn. Fuel cells are being integrated into phased array radar antenna sections at the University of Mississippi as a part of their antenna and thermal management program. Mississippi State University is developing power conditioning and control technology as a part of their power semiconductor research program."

Other inventors who want to file paperwork for patents should visit "Inventors Corner" located on the SMDC intranet at <http://commandnet/Legal/BizOpsLaw.html#1>.

Americans fight to defend homes, peace and basic rights

by Jim Garamone

WASHINGTON, D.C. — For the first time since Vietnam, the United States was at war on Independence Day.

The global war on terrorism brought new meaning to the Fourth of July. The celebration of U.S. freedom was muted in many homes because of death or the absence of loved ones off serving the country.

July 4, 1776, was also celebrated during a time of war. As the Second Continental Congress voted for independence in Philadelphia, the British fleet sailed into the harbor of New York to land soldiers.

Americans knew from the moment the Declaration of Independence was approved that they were embarking on a new course. The war for independence had started in April 1775 when Patriot and British forces traded volleys at Lexington and Concord, Mass. The Continental Congress established the Continental Army on June 14, 1775, and appointed George Washington as its commander the next day.

From the first shots until July 4, 1776, Patriot forces would battle the British army or their Tory allies (colonists loyal to Britain) in more than

a dozen significant face-offs from northern New York to South Carolina and countless unrecorded minor ones. War affected each and every Colonial family, whether Patriot or Tory.

When Congress passed the Declaration of Independence, no one knew what form "these United states" would ultimately take. The Colonies, after all, were just a loose collection of English-speaking settlements that had been founded for a variety of reasons — nation-building not being one. Continental distances in the age of horse power were daunting, and every possibility existed that the Colonies would go their separate ways once independence was won.

But even during the war, Washington and other Patriot leaders strove to make sense of the price in blood that Americans were paying for independence. Washington knew that "these United states" would be an experiment that could only succeed if independence were secured on the pillars of justice and freedom.

Washington didn't want Americans to exchange one tyrant for another, or another set of tyrants. The Revolution had to have meaning beyond just winning American independence.

Freedom and justice are worth fighting for. Americans from the Revolution to the War on Global Terrorism have realized that. Americans don't fight for plunder or territory. They do fight in defense of their homes, to establish peace and for the basic rights of human beings.

"If you're interested in fighting evil, you can do so by doing some good — by mentoring a child, by going to a shut-in's house and say, 'What can I do to help you?'" President Bush said during a speech June 19. "You see, it's those small acts of kindness that really end up defining the true character of this country."

"I believe that out of the evil done to America (on Sept. 11) will come incredible good," Bush said. "The world is going to be more peaceful, America will be more secure. And millions of Americans understand that serving something greater than yourself in life is an important part of having a full life."

It is the time to work together to make America worth the blood sacrificed by so many.

(American Forces Press Service)

Camp Roberts whiz solves high tech computer problem for Lockheed Martin/ITT

by Spc. Justin Miles
Unit Reporter

It's not every day that an Army specialist can "lend a helping hand" to technicians from multi-billion dollar companies like Lockheed Martin and ITT, but a 21-year-old soldier from D Company, 1st Satellite Control Battalion at Camp Roberts, Calif., recently did just that.

Spc. Richard Walraven, a Satellite Network Controller at the "ROC" (Roberts Operation Center) teamed up with an ITT/Lockheed Martin group and designed a new software procedure that has been implemented globally at all Defense Satellite Communications System Operations Control Centers.

During the latest round of Satellite Configuration and Control Element

software upgrades at the ROC, the ITT/Lockheed Martin group hit a roadblock. For some reason, the software installation could not get past a certain point. So Walraven, who, due to his expertise, serves as Operation NCO despite his junior rank, joined the team and contributed his advanced knowledge of the system.

Together with the contractors, Walraven analyzed the hard drive and determined which files were causing the system to abort. He was the catalyst that helped solve the problem. The team then deleted the files, allowing the install to continue to a successful completion. Walraven also found several steps that could have been completed using spare off-line equipment.

The effect was tremendous. His actions saved the ROC and other sister operation centers from going on eight-hour outages during their software upgrades.

Lockheed Martin Technical Operations contractor, Mark Swihart, said, "He's done so much, we couldn't begin to list his accomplishments on site. He's been valuable with everything from investigating satellite anomalies to helping contractors with complex software engineering issues. He is a UNIX (computer mainframe system) god."

Walraven is unique for more than just hobnobbing with and assisting high speed/high tech computer gurus. He has been working in the computer industry for many years, and in fact, owns

and operates his own computer network-consulting firm. Located in Boulder, Colo., Walraven's company, Rwal Inc., has eight full-time employees. Overseeing its day-to-day activities takes up much of what little time off Walraven allows himself.

The young computer genius frequently spends 20 or more hours on-site directing satellite configurations/control operations and troubleshooting. He often can be found on the phone or on teletype with Global Space Support Center or the Defense Satellite Communications System Network managers' office discussing satellite status and health. He also assists other companies in the battalion with any problems they might be having concerning database upgrades, equipment problems or satellite anomalies.

"Spc. Walraven's responsibilities and skills are not typical for a 21-year-old," said company commander Capt. Philip Dawson. "He serves as an outstanding example of the quality of soldier providing secure satellite communications throughout the entire world."

Asked why he puts in so many hours, Walraven's first response is a shy, "Why not?" He then elaborated.

"I like what I'm doing. A lot of people can look at alarms (warnings or indicators of possible problems with equipment), acknowledge them, fix the immediate problem and then think nothing more of them, but I like to really dig into it and ask why it's happening. And when I'm done with that, I move on and try to improve upon something else.

"There's always something to learn ... I just like this job."



(Photo by Spc. Justin Miles)

Spc. Richard Walraven performs his duties during a typical 20-hour shift as a satellite network controller in the Operations Center at Delta Company, 1st Satellite Control Battalion, Camp Roberts, Calif.

Awards/Promotions

Special Act Awards

Dianne R. Atchley, USAKA, Office of the Deputy Garrison Commander

Donald E. Hornbrook, USAKA, Information Management Directorate

Performance Awards

Anthony C. Austin, Military Personnel Division

Daisy H. Barnett, Battle Lab, Missile Defense Directorate

Edgar E. Dugger, ARSPACE, G3 Plans Division

Helen S. Dunlap, Targets Countermeasures Directorate

Mildred C. Goudy, Communications/Visual Information Division

Susan N. Jorgensen, USAKA, Office of the Deputy Garrison Commander

Gayle D. Pridmore, Resource Management, Management Division

Nelda H. Reynolds, Office of Legal Counsel

Carolyn G. Sharp, Battle Lab

Kenneth R. South, NMD TRADOC Systems Manager Office

Vanessa M. Turner, Environmental Division

On-The-Spot Cash Awards

Byron T. Brown, USAKA, Public Works Directorate

Time-Off Awards

Amy S. Williams, ARSPACE, Contracting Division

Quality Step Increase

Carolyn R. Caudle, Office of the Deputy Commanding General

Maria C. Foster, USAKA, Public Works Directorate

Joyce H. Ganus, Protocol Office

Carol B. Meenen, Command Support Services Branch

Lucile B. Reeves, Administrative & Technical Information Library

Lornette W. Stokes, Administrative & Technical Information Library

Command Award for Civilian Service

Karen E. Fortney, ARSPACE, Office of the Deputy Commanding General, Operations

Cassandra C. Gilmore, ARSPACE, Resource Management Directorate

Nancy L. Hasbrouck, Battle Lab, Studies and Analysis Division

Thomas D. Potter, ARSPACE, Information Management Division

Phyllis Y. Poyhonen, ARSPACE Contracting Division

Achievement Medal for Civilian Service

Joseph W. Wychulis, ARSPACE, Security Division

Civilian Promotions

John M. Johnson, GS-14, Technical Center, Sensors Directorate (Matrix)

John K. Yim, GS-13, Technical Center, Data Analysis & Exploitation Directorate

Upgrades to satellite bandwidth off-island set for Kwaj

by **Jim Bennett**
Editor, Kwajalein Hourglass

The Ground-based Midcourse Defense program has given the U.S. Army Kwajalein Atoll half a million dollars to upgrade satellite connections to nearly triple the available satellite bandwidth off-island, according to Col. Curtis L. Wrenn Jr., USAKA commander. The upgrades are scheduled for completion by February.

"Bandwidth transcends day-to-day operations," Wrenn said. "The opportunities are endless."

Wrenn has structured the command's Vision 2015 around increased bandwidth, preferably a fiber-optic cable laid from a connection between Hawaii and Guam. But fiber optics is at least two to four years out if it comes to pass at all, Wrenn estimated, and for the short term, the upgrade gives the island a 45-megabits-per-second pipeline off-island, up from 17Mbps. The bigger pipe potentially opens a lot of doors.

Post-mission data that now takes as many as four days to send back to the states will take a fraction of the time. GMD, for example, would have 31Mbps to transmit data after a mission versus its current 4Mbps.

"Our radars are producing two times as much data with better fidelity than ever before," Wrenn added.

Also, in February, engineers from MIT/Lincoln Lab successfully tracked a satellite directing ALTAIR from their offices in Massachusetts, proving that the radar could be remoted for known tracking profiles with the existing pipeline. But following more complex targets — new foreign launches, for example — requires greater bandwidth.

"You can't just send a profile; someone has to control the radar," said Bevan Jacobs, ALTAIR sensor leader, in a March 5 *Hourglass* story. "You need more bandwidth to do that from somewhere else."

Wrenn conceded the range could never move off-island all data collection personnel. Someone will have to maintain the sensors, greater bandwidth and remoting projects, but the overall number of personnel could be reduced. Vision 2015 calls for the elimination of 270 positions, across the board, not just among engineers, and an overall population decline of 1,000, all by FY08. The reductions create a snowball effect of savings as fewer people require less logistical and facilities support.

"We need to look at savings now, because fiber may not come to pass," warned Stan McMurtrie, Reagan Test Site technical director.

Remoting projects on Kwajalein have already generated \$6.5 million in cost avoidance since 2000, primarily in transportation costs for personnel to and from Roi-Namur, Wrenn said.

Bandwidth and remoting would cut costs, particularly with respect to TDY engineers, almost immediately.

As many as 80 to 120 TDY personnel could remain stateside during IFT missions alone, Wrenn said.

While the primary reason for increasing off-island bandwidth is to allow faster mission data transfers, the community will benefit also.

Obvious improvements will include more commercial telephone lines to reduce blockage and increased, faster Internet access.

"We are also looking at receiving commercial television and radio channels over the link, and implementing new applications like desktop VTC and telemedicine," said Don Hornbrook, Information Management chief.

"Increased bandwidth will improve data transfers to CONUS for all routine administrative functions too, like payroll, supply, transportation and travel, and personnel actions. The possibilities are unlimited, and we are looking forward to using the increased bandwidth to its full potential."

While the satellite upgrades represent a vast improvement, the command still hopes to find the \$72 million needed to make the fiber connection a reality. The Army has entered talks with the Federated States of Micronesia and Republic of the Marshall Islands to split the cost three ways. All would then benefit from the cable. Another option might be to find a contractor or entrepreneur with the capital to lay the line and then lease the line, Wrenn said.

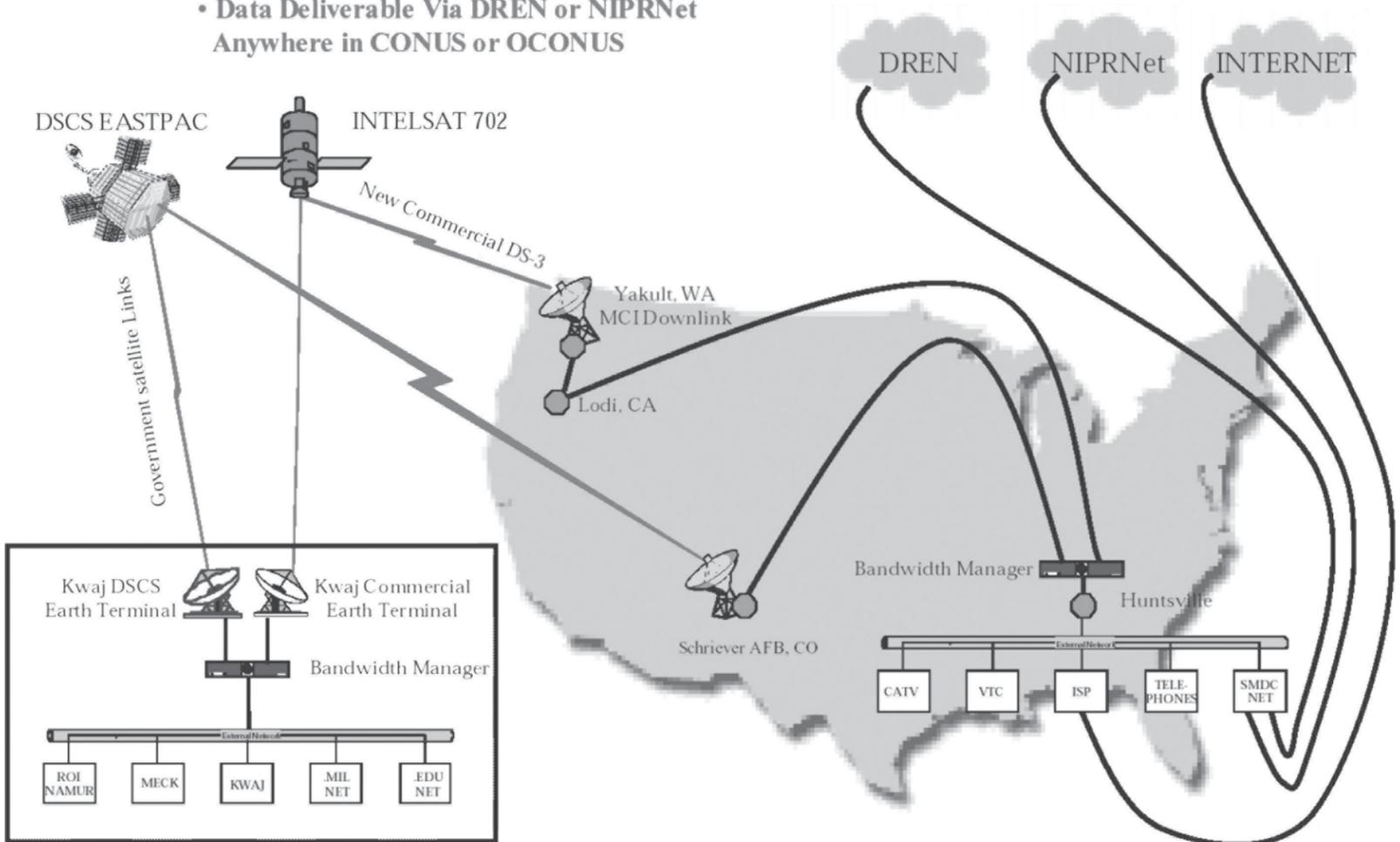
Satellite bandwidth can only go so far, he said. Furthermore, satellite connections can cause data transfer problems because of delay, called latency, that results from sending a signal into space and back again.

In one recent test, range safety officials had to react within a split second to diffuse a situation, and a half a second of latency could represent a potential risk factor, Wrenn said.

Risks aside, the command wonders out loud about the range's future, suggesting along with DoD scientific endeavors, RTS needs to seek commercial applications as well for the scientific test bed.

Bandwidth Management and DS3 Upgrade

- Redundant Space & Terrestrial Links
- Dynamically Allocated w. B/W Management
- Data Deliverable Via DREN or NIPRNet Anywhere in CONUS or OCONUS



(Graphic courtesy of USAKA/RTS)

A new satellite upgrade gives the Reagan Test Site and Kwajalein residents a larger connection to the Information Superhighway.

SMDC Soldier, NCO of Year co

The U.S. Army Space and Missile Defense Command held its Soldier and NCO of the Year competition June 5 in Alexandria, Va. The board considered three soldiers and four NCOs — all from U.S. Army Space Command and winners of regional boards held earlier in the year.

Staff Sgt. Charles Ahlborn of C Company, 1st Satellite Control Battalion, and European NCO of the Year, was named SMDC NCO of the Year. Spc. Robert Orndoff of HHC, Army Space Command, and Western Region Soldier of the Year, was named SMDC Soldier of the Year.

Competitors made oral presentations before the board of sergeants major. An adaptation from Orndoff's presentation is on Page 11. "The Eagle" will feature the remaining presentations in future issues.



Sgt. John Rogers, 1st Satellite Control Battalion, Delta Company, stands before the board as his sponsor, 1st Sgt. Daniel Russel observes during the U.S. Army Space and Missile Defense Command's Soldier and NCO of the Year Boards June 5 in Alexandria, Va.



Staff Sgt. Charles D. Ahlborn of C Company, 1st Satellite Control Battalion, Charles Ahlborn was named the SMDC NCO of the Year.



Sgt. Robert E. Lewis, 1st Satellite Control Battalion, points from his sponsor's presentation.



Staff Sgt. Darrick M. Noah, 1st Satellite Control Battalion, Echo Company, prepares his uniform for the board.



Spc. Christopher M. Conn appears before board members during the competition. Command Sgt. Maj. Wilbur Adams, Army Space Forces Command, and Command Sgt. Maj. Oliver Adams, Army Space Forces Command's 1st Space Battalion Command Sgt. Maj. Oliver Adams.

Competition



born, 1st Satellite Control Battalion, Bravo Company, was of the Year.



Cpl. Jenevieve R. Murphy, 1st Space Battalion's Joint Tactical Ground Station in Europe, prepares to give her presentation to the board.



t Satellite Control Battalion, Bravo Company, (left) receives or, Sgt.1st Class Raynell A. Ferguson.



s, from left, SMDC Sgt. Maj. Daniel Rutledge, SMDC Command Sgt. Maj. Reginald Ficklin, and Army Space ver Forbes.



(Photos by Mike Howard)

Spc. Robert Orndoff, during the physical training portion of the competition proves he has what it takes to be the SMDC Soldier of the Year.

Transforming the U.S. Army through strategic leadership

by Spc. Robert K. Orndoff

Warfare. The reason we, the U.S. Army, exist. With a history of more than 227 years, the Army has transformed time and time again to meet the challenges of the changing face of warfare, and maintain world balance so our country may continue to flourish. The Army is currently in the midst of one of these major transformations and Army Chief of Staff Gen. Eric K. Shinseki has laid out the plan to transform the Army into something never tried, tested or thought of before. If history repeats itself, then we will again see why we are the smartest, most decisive force the world has to offer. General of the Army George C. Marshall showed that changes of this caliber can be done with his enormous pre-World War II transformation of the Army, proving effective strategic leadership is the center point of accomplishing the goals required to be the most persuasive in peace and invincible in war.

Marshall had the daunting task prior to World War II of changing our Army from a size that ranked it 17th internationally, to the premier fighting force of the world. Our post World War I thoughts had us believing it was "the war to end all wars." Battle weary GI's left the service to pursue the American Dream. The Army was top heavy, under-trained, under-equipped and under-manned. By the end of World War II, Marshall had added more than 8 million personnel to the Army and weeded out incompetent leaders regardless of experience or personal relationship. He also incorporated new technologies of the time: tanks and motorized formations instead of horse-drawn wagons, to make the force more capable and more intimidating. Marshall had the foresight to see the possibilities of the impending war, even though it would be a war fought like no other before it. Today, an even newer style of warfare is present in the world. Terrorists, fanatics, rogue nations and urban combat: these are the newer aspects of war we must deal with.

Shinseki has the same weight on his shoulders that Marshall had: Transforming the Army into something never done or thought of before. This time it will be even more capable, stern and threatening if need

be. We now realize stopping threats before they become a problem is a must, to prevent repeat occurrences of history such as the holocaust or even days like Sept. 11. The United States, as the world's most persuasive nation, has the responsibility to eliminate world threats and protect less capable nations because it has the capability to do so. This will be done quicker through the use of the interim brigade, a reaction force that can be in theater, and combat ready, within 96 hours after take off — a whole division on the ground 120 hours after take off. And more accurately with the use of long-range and mid-range missiles like the Tomahawk that have precision guidance systems. We will protect Americans at home with the use of a National Missile Defense system, able to stop ballistic missiles capable of mass destruction. We will have better situational awareness of our soldiers on the ground through the use of space-based blue force tracking. Environmental conditions, health and a soldier's eye view of the battlefield will give key information so quick decisions can be made to save soldiers' lives and win in combat. With the use of space-based imagery, we'll have better pictures of battlefield environments and terrain, now even capable of reading the headlines off a daily newspaper.

To incorporate these changes into the Army with no proof that they would work due to their newer concepts, Marshall and Shinseki employed strategic leadership to accomplish these tasks: Influencing lawmakers, presidents and the American people to ultimately believe in the same ideas, by providing the purpose, direction and motivation for why America needs such things. Leading to improve the Army by developing and incorporating new weapons, skills and doctrine to accomplish our missions. All while operating to maintain our current operations, foreign and domestic policies, and relationships. These strategic leaders have transformed the Army from mere ideas to practical programs to adapt to a different, changing world.

(Adapted from Spc. Orndoff's oral presentation. Presentations by remaining competitors will be featured in future issues of "The Eagle.")

Army Space IMAs fill critical skills in war against terror

by Melva Tillar
Unit Reporter

A rmy Space Command — in the face of sudden and unprecedented demand following the Sept. 11, 2001, terrorist attacks against the United States — activated Reservists from across the country to assure the safety of our nation and to protect the freedoms Americans enjoy.

Never in its history has the United States faced the magnitude of tragedy that occurred on 9/11. Army Space's activated Reservists are an elite group of men and women who passionately stand tall to support our nation's actions to prevent future potential tragedies from ever happening again.

These dedicated soldiers perform a wide range of important duties in support of OPERATION ENDURING FREEDOM, OPERATION NOBLE EAGLE and the global war on terrorism.

"I am proud and honored to be able to fulfill my duty as our country faces a national tragedy," said **Lt. Col. Joseph Dreiling**, a social studies teacher from Kansas, who works for G3 Operations as a shift officer in charge in the Army Space Operations Center.

Lt. Col. Douglas T. Gneiser is a solo practitioner attorney from California. He works in the Command Counsel's Office and provides legal advice to commanders and staff as an operational law attorney. "I like the people at Army Space with whom I work. And I like working with the cutting-edge Space and information operations issues."

A professor of business administration in Georgia, **Lt. Col. Anthony P. Underwood** has earned six educational degrees, three of which are doctorates and one is a law degree. He has 18 years of experience that serve him well in his job with the Command Counsel.

Maj. Robert N. Zaza of Colorado is a Crisis Action Team officer and an Army Space Support Team leader for the 1st Space Battalion. As a civilian, he is a systems analyst with a company supporting the U.S. Army Space and Missile Defense Battle Lab. "I had to learn Space almost by osmosis as a contractor." He believes it makes him a more valued member of the Army Space team.

Maj. Michael Gorbitz leads an exciting life in and out of the military. He is a chief investigator in the Inspector General's Office with a New Mexico

Human Services Department. Gorbitz also assists the G2 Intelligence Directorate as the Operations officer. "I believe it is better that I volunteer and assist in putting an end to what occurred on 9/11, or may and might occur hereafter, than having my children or anyone's children or families have to go through this again," he said.

Col. William M. Oseles is the Army Space representative for the Homeland Security Team's working group and the Army Air Defense element liaison between NORAD, Army Space and Army elements supporting the Homeland Defense mission. He is assigned to Army Space Command with duty at Tyndall Air Force Base as a senior air defense liaison officer. He has participated in two major planning efforts by NORAD in support of OPERATION NOBLE EAGLE. Oseles is a Modeling and Simulation division chief in Texas.

Capt. Laura D. Kenney is a stay-at-home mom in New York when she is not on Reserve duty as an Army Public Affairs Officer (PAO) and journalist. She has told the Army story for more than 21 years from Germany to Saudi Arabia to Kosovo. "I am thrilled to now be telling the Army Story from the Army in Space perspective. I'm keeping the American people informed of what their Army is doing for them." She has many accomplishments: qualified Airborne, a Desert Storm veteran, a deputy PAO for the American Sector in Kosovo, and a Keith L. Ware award winner for excellence in Army journalism.

Sgt. 1st Class Dennis E. Beebe, an optical instrument repairer for civil service, has been a photographer for as long as he can remember. As a Reservist, he works for the Space Information Operations Element (SIOE). Beebe's other hat is as a PAO photographer. He has a degree in industrial and scientific photography. His most notable memory is his job as the tour photographer for the late disc jockey Wolfman Jack during the Wolfman's European Summer Tour of 1983.

Sgt. 1st Class Lynn B. Poligo of Florida manages the pay issues for the activated Reservists. Her many military occupation specialties include heavy equipment operator, stevedore, postal supervisor, reenlistment/retention supervisor, personnel administrative supervisor and finance budget analyst. "This is my opportunity to serve soldiers participating

in this important effort for their country and families. I want to do my part in the mission against terrorism and to ensure our nation's security," Poligo said.

Maj. Leonard B. Draves is a New York City fire marshal. Prior to being activated in December 2001, Draves worked recovery of remains at Ground Zero. On active duty, Draves works in G3 SIOE as the Assistant STOW (Special Technical Operations).

Capt. Mario B. Pargas, who was born in Cuba, is the shift officer in charge at the Army Space Operations Center. He is a Launch Operations Systems engineer in Florida.

1st Lt. Frederic B. Roberts of California is a shift worker in the Operations Center.

Lt. Col. Mary J. Miller, who works in Colorado, is the chief of Current Operations in the G3 office.

Lt. Col. Sydney L. Walker Jr., a retired federal civil servant and Army Reservist, was recalled to active duty through July. He works for G6 Information Management and is developing the plan for Army Space Command's move to its new building at Peterson Air Force Base.

Lt. Col. Dennis J. Palmer of Ohio is director of communication programs in his civilian life. While on active duty, he works as an Integral Air Mission Defense planner in G3.

Walker and Palmer are unique because they are the last two original Reservist "dinosaurs" beginning with Army Space when it was called Army Space Agency in 1987.

Maj. Oscar J. Ochsner of Kansas works for the Space Electronic Warfare Detachment.

Spc. Sean P. McGrane works for the 1st Space Battalion. In Colorado, McGrane is a network manager and a Microsoft Certified Systems engineer.

Maj. David J. Hotop, a military support contractor for a civilian company in Missouri, is an Army Space Support Team leader.

Capt. Lisa L. Boland is an ARSST Operations officer in the 1st Space Battalion. She returned from a deployment in the Middle East in May. In Colorado, Boland works as a legal specialist.

1st Lt. Shawn E. Price, a military intelligence officer for ARSST Team 1, walked into the space arena without previous experience. He has attended the Interservice Space Fundamentals Course. As a civilian in Ohio, he is a computer network administrator.

Lt. Col. Jorge Rangel, a California resident, works in G3 Operations. He has been deployed to Kosovo, Bosnia and England.

Maj. Marvin L. Fehrenbach of Maryland was a Reserve Officer Training Course instructor prior to activation. He now works for G3 Operations, keeping track of Army Space forces.

Maj. Oscar J. Gonzales of Texas performs logistics planning for the Global Missile Defense mission. As a civilian, he's a systems administrator.

Maj. Monrad L. Mosen is a project manager and electromagnetic compatibility test engineer in Colorado. He has completed annual training with Army Space since 1996. He is the S3 Operations officer for Army Space Forces.

Maj. Frank Gray of Florida works as a civilian with Army Space in the G3 Operations/Training Branch. As a Reservist, he works for the SIOE at U.S. Space Command at Peterson Air Force Base in Colorado.



(Photo by Sgt. 1st Class Dennis Beebe)

Sgt. 1st Class Lynn Poligo, left, a Reservist in the Personnel Office at Army Space Command Headquarters in Colorado Springs, Colo., conducts an informal get-together with fellow Reservists to learn more about each other.



(Photo by Sharon L. Hartman)

Nine under par

Tim Lynch, assistant G3 for Army Space Command in Colorado Springs, Colo., practices putting during the Annual Army Space Command Golf tournament. Lynch and teammates Gordon Baxendale, G3, Derrick Richeson, G6, and Lt. Col. (retired) John Stauter beat 15 other teams to win the tournament June 27 with a score of 63 — nine under par.



(Photo by Sgt. 1st Class Dennis Beebe)

Army Space Forces commander, Col. William Partridge, left, charges Lt. Col. Mearen Bethea with control of the 1st Satellite Control Battalion.

Bethea assumes command of 1st SATCON Battalion

by Sharon L. Hartman
Army Space Command

A rmy Space Command's 1st Satellite Control Battalion held a Change of Command ceremony June 28 at the Peterson Air Force Base Parade Field.

The ceremony hailed incoming commander Lt. Col. Mearen C. Bethea as she assumed command from outgoing commander Lt. Col. Winston L. Davis. Bethea's previous assignment was as chief, Customer Support Branch, Command Information Systems Support Division, J6 Directorate, Central Command, MacDill Air Force Base, Fla. Davis, who assumed command in June 2000,

See "Change of Command" on Page 18

Fires

Continued from page 1

based capabilities — satellite imagery and infrared data of the fire area — soldiers and civilians in the command are assisting the forestry service in mapping boundaries, locating hot spots and keeping an eagle eye on crucial trigger points.

Two years ago, Army Space was asked to provide a satellite picture of wildfires burning in Idaho, and the command was able to provide hard-copy images of the fire within 48 hours. Today, technicians are updating a Web page every two hours.

I don't want to sound like Chicken Little — the sky is falling — but, we'd sure like to know if it is, and with you guys providing up-to-date information, we can do our jobs so much more efficiently.

Bill Mills, Wildland Risk Management Officer for Colorado Springs

This year, the Colorado wildfires — almost in Army Space's backyard — were the first to come under the "eyes" of the satellites used by Space operators here. The Hayman giant, which as of July 3 is contained, in its heyday consumed more than 137,000 acres, destroyed 133 homes, killed a forever unknown but massive number of animals, and caused more than \$30 million in damage.

"We're very eager to help," said Lt. Col. Robert King, Army Space Forces executive officer. "I think everyone wants to pitch in somehow, be it donating comfort articles to those displaced by the fire or those adventurous souls who would, if allowed, be up there side-by-side with the firefighters.

"As soon as the request came in from the forest service, we jumped on it," King said. "We're just one piece of the firefighting puzzle, but if it helped contain the fire any sooner, or helped someone avoid hazard, then we've done a good thing."

Military forces can be called upon only when certain criteria of danger are met, and the forces available to fight fires nationwide are depleted. That level was reached early on with the Hayman fire. The Air Force responded with slurry planes, Fort Carson, Colo., with engineers and actual firefighters, and then Army Space became a crucial player.

The images, taken by spectral sensors, provide topographical information. The infrared data offers textual information regarding the intensity of the burn at a given point. The combination of images and data enables those on the ground to maneuver to the best advantage.

The spectral images are provided by the Spectral Operations Resource Center (SORC) division of Army Space. The center's mission is to exploit images gleaned from commercial and civil satellites for operational and tactical forces.

The infrared data is supplied by another branch, 1st Space Battalion's Joint Tactical Ground Stations (JTAGS), which accesses information from the Defense Support Program satellite constellation, used primarily for missile detection.

"Assisting with the fire, which is something all of us wanted to do, doesn't detract from our primary mission. In fact, we're able to incorporate it as training. It's the same process to scan for military targets as it is to assess fire damage, and there is the considerable added satisfaction of doing good," said SORC Commander Maj. Tim Haynie.

The maps are posted on the Web at: <https://www.armyspace.army.mil>. The site is available to all, but is aimed primarily at the Forestry Service and firefighters.

U.S. Forestry Service representative Melinda McGann said, "We've worked with this level of technology before, and it's invaluable. We take infrared pictures at night, when things are cooler, and, combined with the products we get from Army Space, I think we're getting an extremely clear picture of the fire. And you can fight so much better when the 'enemy' is clearly seen."

The Hayman fire was the first that Army Space assisted with, but the even deadlier Arizona fires are now also receiving keen satellite attention. The Web site was originally named Colorado Fires, but has been changed to Western Fires as Army Space expanded the mission to include other fires, the next "hot one" proving to be the Missionary Ridge fire. A liaison from JTAGS was sent, Sgt. 1st Class Marc Van Horn.

"We're still learning, and they're still learning, but I definitely know that the Forestry service feels we've really been able to help. Like any new program, refinements need to be made, but I can see this as being positive proof of the value of satellites," said Van Horn.

Interest in those abilities has been keen. At weekly meetings between Forestry and Space officials, new faces constantly showed.

"I can't overemphasize what a contribution I think your people and your technology can make," said Bill Mills, Wildland Risk Management Officer for Colorado Springs. "We've been in situations in the past where the only warning we might get is a neighbor running up to our truck when we're out on patrol, telling us the fire jumped a line, or was threatening his house.

"I don't want to sound like Chicken Little — the sky is falling — but, we'd sure like to know if it is, and with you guys providing up-to-date information, we can do our jobs so much more efficiently. And since my primary job is evacuation and the saving of human lives, quick information is the key."

DoD moves to improve charge card programs

Under Secretary of Defense (Comptroller) and Chief Financial Officer Dov S. Zakheim announced June 27 the results of a task force review into use and management of government charge cards by the Department of Defense.

In March, Secretary of Defense Donald H. Rumsfeld directed Zakheim to review the charge card programs following reports of charge card misuse within the department and to recommend changes to improve DoD charge card performance.

Key task force recommendations include holding DoD accountable officials liable for misuse of purchase cards through new financial measures; pursuing alternative channels for prosecuting fraud; and deploying new data mining technology to automatically detect suspicious transactions.

Many of the recommendations focus on tightening management of DoD charge card programs. DoD will also strengthen internal controls and training, reduce the number of travel cardholders, limit the number of purchase card accounts within the scope of each responsible reviewing official, and reinforce the range of sanctions available to commanders and supervisors for those who misuse or abuse the charge cards.

Zakheim and Under Secretary of Defense (Acquisition, Technology & Logistics) E.C. "Pete" Aldridge will oversee implementation of the recommendations, many of which will be done on an expedited basis.

In highlighting the findings of the task force, Zakheim stressed that the vast majority of DoD personnel manage government credit cards appropriately. "The recommendations being announced today will greatly reduce the likelihood of any misuse, but the department's work is not over. We must continue to pay attention to charge card management after this initial round of changes is implemented," he explained.

DoD uses two major charge card programs, which help save millions of dollars in administrative expenses:

purchase cards to buy certain goods and services directly from private sector vendors, and travel cards to pay expenses of DoD personnel during official travel.

Purchase cards allow DoD to save an estimated \$20 per transaction compared to the previous system of tedious processing of purchase requests. Savings over the past eight years exceed \$900 million. In fiscal 2001, the department had 207,025 purchase card accounts totaling \$6.1 billion in DoD spending. This extensive, decentralized use of purchase cards facilitates the efficient procurement of goods and services, but it also requires reliable controls to prevent misuse.

The travel card virtually eliminates costly processing of advanced travel payments to DoD personnel. DoD, its civilian employees, and its military members have a combined total of more than 1.4 million travel card accounts and made \$3.4 billion in charges in fiscal 2001. Problems in the travel program targeted for correction include improper purchases and late payment of charges.

Details of the task force recommendations are in the "Task Force on DoD Charge Card Programs Final Report." The task force included representatives from major DoD organizations and was assisted by the Office of Management and Budget, Office of Personnel Management, the Department of Justice and the General Services Administration. A copy of the report is available on the Web at <http://www.dtic.mil/comptroller/financialindex.html>.

A synopsis of key recommended actions is below.

Management Emphasis

- Hold DoD senior leadership responsible for preventing misuse of government charge cards.
- Implement metrics to assess progress in improving charge card programs.
- When charge card abuse is credibly alleged, notify the cardholder's supervisor and security manager and require them to

determine whether the allegation affects the cardholder's security clearance.

Directives

- Issue new directives specifying responsibilities and policies governing charge cards.
- Issue new guidance to ensure that charge card accounts are canceled when cardholders leave a DoD organization.

Compliance

- Deploy data mining technology to detect suspicious transactions.

Purchase Card Actions

- Seek new authority to hold DoD accountable officials (including purchase cardholders) pecuniarily liable for illegal, improper or incorrect purchases (legislation was submitted and is pending Congressional action).
- Identify and use additional means to pursue and prosecute fraud.
- Issue full concept of operations to describe requirements for purchase card programs.
- Accelerate electronic billing and certification systems.
- Develop and implement new training materials and courses on purchase cards.
- Establish skills and recommended grade level for a purchase card Agency Program Coordinator (APC).

Travel Card Actions

- Reduce the number of DoD travel cards by canceling expired and inactive cards.
- Create an exemption to mandatory use of the travel card for certain deployments to locations where it would be difficult for the traveler to ensure timely reimbursement.
- Evaluate travel card alternatives, such as debit and stored value cards, that may serve some DoD travelers as well, but with less risk of problems.
- Identify improvements in travel process to speed up reimbursements.

New uniform regulation goes online

WASHINGTON (Army News Service) — The most current uniform policy regulation went online June 25, and clarification of the Army's tattoo policy is only one of two dozen changes or updates that will take effect Aug. 1.

The one change people won't see in the regulation is males having the authority to carry umbrellas. The Army is not ready for that change, said Master Sgt. Kittie Messman, the uniform policy noncommissioned officer for the Army's G1.

Last December the Army announced that changes were being staffed, and the tattoo policy is one that underwent the most modifications.

"The old regulation, said tattoos were prohibited on the face, neck and head. ...

Now, it says tattoos are not to be visible in the Class A uniform with trousers. So there is a common standard for both males and females," Messman said.

Soldiers who currently have tattoos on their hands will be "grandfathered" and allowed to keep them, Messman said, as long as the tattoos are inoffensive.

Counseling requirements for commanders with soldiers who have tattoos are also outlined in the updated regulation. Offensive tattoos anywhere on the body are prohibited, but tattoos that are not offensive need to be documented in a written report at the discretion of the commander.

To eliminate subjective opinions from one command to the next, the soldier will present the written documentation at his new assignment, Messman said.

Other items that were revised include hair, nails, contacts, cell phones, pagers, headgear, desert battle-dress-uniform insignia, regimental distinctive insignia, physical fitness uniform wear and pregnancy, the explosive ordnance detachment badge and the black mess uniform.

The beret, which is a new clothing item, is addressed in the updated regulation. When soldiers are not wearing the beret outside, they should be carrying it, Messman said.

Soldiers should not attach headgear to the uniform, hang it from their belt or put it in a uniform pocket. This headgear policy has always been in effect, Messman explained. However, in maneuver environments placement of the utility cap is at the commander's discretion, she added.

What people have to

remember is that the Army regulation is the only publication that accurately spells out proper wear of the uniform, Messman said. Regardless of what media sources put out, soldiers should first seek clarification from AR 670-1, and focus on what the regulation states now, and what will go into affect in August, she added. The uniform regulation was last revised in 1992, but to keep up with the pace of changing times the regulation is periodically reviewed.

"The regulation has to change with time," Messman said. "If not we'd still be wearing uniforms from the Civil War."

AR 670-1 can be found on the Web at: http://www.usapa.army.mil/pdffiles/r670_1.pdf

Army Space soldiers go back to school

by Sharon L. Hartman
Army Space Command

DENVER, Colo. — Several soldiers from Army Space Command recently had the opportunity to judge a Junior Reserve Officer Training drill competition. 1st Sgt. Tammy Coon, Staff Sgt. Edward Ponzio, Staff Sgt. Robert Kelley, Staff Sgt. Norman Reich and Pfc. Michael Benedetto of Headquarters Company journeyed to the Denver Coliseum to participate with other service members as judges in the Rocky Mountain Regional JROTC drill meet.

The meet, which lasted most of one day, brought together several hundred high school students from more than 20 different schools to compete against each other in several categories of military competition. The categories were Infantry Drill Regulation with arms; Infantry Drill Regulation without arms; Color Guard; one, two and four man Exhibition with arms; and Exhibition with and without arms.

Sgt. Michael Trowbridge, a former JROTC cadet who is also with the command, initiated the Army Space soldiers' involvement in the competition along with a former mentor of his, retired Sgt. Major Gerald Byassee, who works with the Denver Public Schools JROTC.

"We initially were planning on hosting an Army Space Command Invitation drill meet for these cadets," said Trowbridge. "We looked into how feasible it would be, and decided we didn't have enough time to plan and host one for this year. Instead of hosting, we decided to take our judge volunteers and have them judge an initial drill meet to gain experience. That way, next year we'll have judging veterans capable of coordinating, planning and training new judge volunteers."

The teams were judged on various aspects of drill and ceremony, which included synchronization, precise movements and professionalism.

"It was hard to discriminate because they were all very prepared for the event. Therefore, we had to look for the minutest detail of error. It was definitely a challenge for the judges to ascertain who stood above the rest," said Coon, who, teamed with Benedetto, judged the Infantry Drill Regulation with arms.



(Photos by Sharon L. Hartman)

Staff Sgt. Edward Ponzio counts a color guard team's paces during the Rocky Mountain Regional JROTC drill meet.

Benedetto agreed, adding, "There were a lot of good schools that competed in the field I was judging, and at times it was difficult to find any flaws in the routines."

For Ponzio, who judged the Color Guard category, the hardest part of the judging was making sure everybody was in step.

"They had to have a precise number of steps before they presented the flag and after they raised it. That made it more difficult," said Ponzio. "You're trying to look at the all-around picture of the students going through the motions while at the same time, trying to count their paces, seeing what they do and watching the synchronization, so it was kind of hard, but it was enjoyable."

Although none of the judges had previously been involved in a meet in this manner, Trowbridge made sure each of them went through extensive training to prepare for the meet.

"Sgt. Trowbridge took us to watch a competition in Pueblo," said Reich, who judged the Infantry Drill Regulation without arms and is also a former JROTC cadet. "During that meet, he gave us many pointers on what to look for and we were able to look over the shoulders of other judges."

"We watched the judges and were able to ask questions, and also viewed videos of drill teams to get an idea of what to expect," said Kelley, another former JROTC cadet who judged the one, two and four man Exhibition with arms. "It was great seeing the creativity and teamwork and watching these kids keep a good attitude even after a mistake."

For Trowbridge, the event was more personal. His younger brother Andrew Trowbridge competed at the meet.

"Andrew was always interested in my uniform, my military

science studies and drill and ceremonies, and he always liked 'playing soldier' as a child," said the older Trowbridge. "Now that he's in high school, he decided to try the program, and even though there are some things that need improvement, he loves the program and dove into it headfirst. As a matter of fact, he's a freshman commanding a drill meet color guard, and the 'A team' color guard at that. I'm very proud of him."

Andrew agreed with his brother's assessment. "I became involved in JROTC mainly because Mike seemed to have quite a bit of fun in the program. Seeing all he did in the program inspired me to join so I could do the same. "I tried color guard and found it a lot of fun. It gives you a sense of importance carrying the colors."

Although the Denver JROTC program mirrors the armed forces and can be an introduction to the service, it is not a form of recruitment for the military.

"The main goal of the Denver JROTC program, which has a more than 90 percent graduation rate, is getting the students to college," said Byassee. "In the Denver area, out of approximately 1,500 students in the JROTC program, maybe 30-50 a year will go into service."

"Some of our students join JROTC because it is a physical education credit for Denver Public Schools and they don't want to take the normal athletics classes," Trowbridge said. "Some join it for the scholarships, but overall it offers so much more. It teaches self-discipline as well as respect for self and others. We hope it encourages them to become better citizens."

And indeed it has for Trowbridge, Kelley and Reich.

"I volunteered to be a judge to give back to the program that was a stepping-stone for my military career," said Reich. "Many kids in high school are getting their first impression of the military through JROTC. The better that impression is, the more likely they will be to join the service."

"Anything we can do as soldiers to assist JROTC will directly benefit us in the end by preparing those kids who choose to be a part of the military," Reich said. "One of these kids today could be one of our own soldiers tomorrow."



1st Sgt. Tammy Coon, right, instructs a JROTC commander during the Rocky Mountain Regional JROTC drill meet held at the Denver Coliseum. Coon, who judged the Infantry Drill Regulation with arms portion of the meet was one of five volunteer judges from Army Space Command.

Delta Crew tops in JTAGS Best Crew Competition

Soldiers, sailors make up winning team in second annual competition

by Sharon L. Hartman
Army Space Command

STUTT GART, Germany — Competition is nothing new to the Army and Navy. Each fall, thousands of fans come out in droves to the football field for the time-honored Army-Navy game. But there are other fields where green and white compete — and also fields where they cooperate.

One of these fields is in Stuttgart, Germany, where recently combined Army and Navy crews from the 1st Space Battalion, Joint Tactical Ground Station, Europe, competed against each other in the 2nd Annual Best Crew Competition. They competed to see just exactly who is "The Best." The two-day competition challenged four three-man crews to a myriad of mental and physical events.

On day one, the challenge included the Navy Physical Readiness Test — much like the Army's, but with the addition of pull-ups; a 150-question exam on JTAGS, Navy and Army knowledge, a fault-isolation event where faults had to be identified, isolated and fixed; and TACSTAR antenna emplacement.

The following day, crews competed in event processing where they were given simulations of real mission events they had to respond to. Next were 15-minute crew briefs on any JTAGS related topic. Then the real fun began with the cable-pull relay where each team had to pull a 50-foot cable off a platform, roll it back up and tie it down; the fuel can relay, a 50-foot relay with each person carrying two full 5-gallon fuel cans; and, last but not least, the grueling HMMWV push around a makeshift track.

I believe competition like this builds teamwork, esprit de corps. It's healthy competition because it involves some events that are related to mission accomplishment.

Marine Col. Ray Adamiec, deputy commander for Naval Space Command

At the end of the events, crew chief OS1(SW) William Runyan, OS2(SW) Aaron Corwin and Spc. Eric Robinett of the Delta Crew were dubbed "The Best."

Runyan, a native of San Diego, Calif., came to JTAGS from Japan where he was last stationed aboard the USS Independence.

"Our crew has been together for about two months, and we started training right away for the PT test, and studying," said Runyan, the only member on a crew that competed last year.

"The competition is a great morale builder and everyone has fun. I have to admit that it's tough, but if it were not, it wouldn't be worth doing."

"Would I want to do it again next year? Probably no ... unless they remove the HMMWV push," Runyan said.

The inaugural competition held last year was the brainchild of the JTAGS



(Photos by Sharon L. Hartman)

OS2(SW) William Peters, left, and OS1(SW) Terrance Mcrae from the Bravo crew compete in the 50-foot cable-pull event during the Joint Tactical Ground Station, Europe, Best Crew Competition held June 11-13 in Stuttgart, Germany.

Europe command team, who put into action the event based on similar competitions held at several Air Defense Artillery units around the world.

"This competition really brings about unit cohesion, esprit de corps. It instills the warrior spirit," said Capt. Brian Adams, commander of JTAGS Europe.

With the competition being Army and Navy though, some of the winners get a little something extra.

Adams added, "Last year the best crew received Army Achievement Medals, which is something not common for a sailor to get. This year the best crew received Navy and Marine Corp Achievement Medals, so it was unique for the soldiers who got it."

This year, Robinett being the only soldier on the winning crew commented on the distinction saying, "Winning the Navy and Marine Corps Achievement Medal was great. It will definitely be a highlight in my military career."

Robinett, originally from Venice, Fla., came to Germany from Fort Carson, Colo. He received several college scholarships for math, but chose instead to join the Army and is now going on his fourth year of service.

Assisting in judging some of the competition was Marine Col. Ray Adamiec, deputy commander for Naval Space Command. In addition to the judging, Adamiec also took part in the PT portion of the competition.

"I believe competition like this builds teamwork, esprit de corps. It's healthy competition because it involves some events that are related to mission accomplishment," said Adamiec.

Corwin from the winning Delta crew agreed with Adamiec, saying, "It really was all about training, but it was also a nice break from our regular schedules."

Corwin, a native of Great Mills, Md., came to Germany last November from the USS Cowpens in Yokosuka, Japan.

"I chose these orders because I knew it was going to be an Army assignment. I had thought about going to warrant officer school for the Army, but decided to remain with the Navy as a career. My goal is to instill some of the Army standards when I go back to sea," said Corwin.

Corwin also commented on the camaraderie of the competition saying, "There was a lot of teamwork. It's a physical competition where the whole

team is working together while the other teams are encouraging you and pushing you on."

That encouragement meant a little more for one member of the Bravo crew. OS2(SW) William Peters IV was asked to fill in for an injured crewmember just days before the competition. With little preparation, Peters stepped up to the challenge and performed in an outstanding manner.

"It was harder than I thought it was going to be," said Peters.

"I learned a lot about the JTAGS, especially with the 150-question test and the brief. I would definitely compete again if the opportunity arose. It's hard work, and a lot of fun, but it pays off in the end."

Adding to the fun and excitement of the competition, members of the unit's headquarters Theater Missile Warning Company traveled to Germany from Colorado Springs to cheer on and help out, but also to observe and eventually bring the competition to the other JTAGS units around the world. Outgoing commander Maj. Jay Driscoll, incoming commander Maj. Shelley Volkwein and 1st Sgt. Gene Nixon assisted by participating as judges during the presentations. All in good fun, Driscoll and Nixon also teamed up with Sgt. Harry Ross, a headquarters Company member training in Germany, to compete in the cable pull, fuel can relay and HMMWV push against the JTAGS-EUR team of Adams, 1st Sgt. John Hughes, and Staff Sgt. Devon Roy.

Summarizing the contest, Adamiec added, "The competition is a good combination of physical and mental abilities. It's obvious there is a lot of camaraderie within the unit.

"Competition can sometimes cause vices, but not here. It is evident the great leadership and esprit that is here. People pull for each other in order to enhance the overall unit. I was glad to be here to watch and participate."

The day after the competition ended, everyone celebrated with a barbecue blowout that also served as an observance of the Army birthday. Yet for some, the competition continued as a Frisbee football tournament took center stage after everyone had a chance to "eat, drink and be merry." But even on this field, teams were comprised both of Army and Navy, so no matter the winner, bragging rights were shared.

Army Space soldiers hang tough with Marines in Jungle Warfare class

by Staff Sgt. Franklin Barrett
Unit Reporter

OKINAWA — Steamy jungles are not uncommon settings for Marines. But for Army Space soldiers?

One would more likely picture the latter focusing on the skies — and the satellites in them — than slogging through dense vegetation, battling booby traps and the denizens of the jungle.

But for one week, select soldiers of E Company, 1st Satellite Control Battalion,

did just that, teaming up with their amphibious brothers-in-arms to train at the Marine Corps Jungle Warfare Training Center (JWTC) here.

Staff Sgts. Darrick Noah, 26, and Timothy Harrell, 32, led five junior enlisted soldiers through the Marine Corps' grueling Jungle Skills course this Spring.

Spc. John Mullen, 21, Spc. Daniel Fagan, 33, Spc. Christopher Golden, 26, Spc. Lloyd Broughton, 26, and Spc. Christopher Savaglio, 21, took the

challenge.

Mullen and Golden agreed in unison that the course was "very challenging!"

The one-week Jungle Skills course is one part of a more comprehensive three-week Jungle Warfare Course. The training consists of multiple jungle-related events, such as first aid, mines and booby traps, rope management, night/day land navigation and an infamous

Endurance Course.

All this takes place in a 20,000-acre area, home to single- and double-canopy jungles.

Part of the training includes Force on Force operations, in which teams use the Special Effects Small Arms Marking System, paint-ball-like rounds adapted for use in the M16A2, to encourage realism.

"The course promotes teamwork and leadership. It was also my first opportunity to work with Marines. It's given me both a lot of respect for them and a different perspective," said Golden.

Broughton echoed that sentiment by saying he found a "great sense of accomplishment in completing the endurance course as a combined team of Army and Marines. I now have tremendously more respect for service members, past and present, who work or worked in that environment on a daily basis."

The noncommissioned officers in charge of this iteration, Noah and Harrell, attended this training before. During their first opportunity in June 2001, their team earned the record in the Night Land Navigation Course. It was the first time an Army team had done such a thing on the Marine Corps' Okinawa jungle turf. That winning team included current members of E Co., Staff Sgts. Jimmy Little and Derrick Looney.

Jungles or Space, the soldiers from Company E proved they could "Marine it" with the best of them.



(Photo by Staff Sgt. Franklin Barrett)

Seven members of E Company, 1st Satellite Control Battalion, learn jungle skills at the Marine Corps Jungle Warfare Training Center on Okinawa.

Soldiers and students take reading to the beach

by Spc. Bradley D. Morrow
Unit Reporter

KAISERSLAUTERN, Germany — The kids were all laughter and smiles at the Vogelweh Elementary School as a group of soldiers from Landstuhl, Germany, arrived to take part in the annual "Read to me" program June 4.

The program, sponsored by the local Better Opportunities for Single Soldiers (BOSS) program, allows volunteers from around the area to help children with their lessons, take part in classroom activities and discussions, and actually take charge of the class for a short time to read with the children.

"I thought it would be a good idea to come out and show support for the kids in our community. It's a good learning experience for us and maybe it will make their day more enjoyable too," said 1st Lt. Derotha Johnson. Johnson volunteered along with Staff Sgt. Jose D. Angulo, Spc. Shaun M. Michaud, and Spc. Bradley D. Morrow, all soldiers of C Co., 1st Satellite Control Battalion.

"Book it to the Beach," the theme for the day, was most evident anywhere you looked. The children came to school equipped with beach towels and favorite books, special snacks and plenty of eagerness, ready

to spend a day on the "beach" learning and having fun.

The volunteers were split up among three classes: Linda Mendoza's kindergarten class; Karen Stimpson's kindergarten class; and Rosa Malloy's group of first graders. Once introductions were over and the children had all met their new favorite volunteers, the soldiers were drawn quickly along into the fast paced activity that is life as an early school-aged child.

After taking care of some of the common business, like a math quiz and some beach postcards for other school staffers, the children were ready to take to the sand.

In this case it was the grass and sun just outside their classrooms, but reading and laughing on their towels with shoes and socks off, the kids and volunteers ignored the lack of sand and just had fun.

"I love it here, and I get to read all my favorite books again," said 7-year-old Alex Correa. Alex is a first grader in Malloy's class.

While each student was required to bring at least one book for the activity, some brought more than others. Everyone seemed willing to share and help make the day enjoyable for fellow classmates.

As the shadows grew longer and the volunteers prepared to finish the day, they were



Spc. Brad Morrow from the 1st Satellite Control Battalion, Charlie Company, in Landstuhl, Germany, helps a student during the annual "Read to Me" program June 4 at Vogelweh Elementary School in Kaiserslautern. Morrow was one of four soldiers from C Co. who participated in the event.

rewarded by the thanks and praise of teachers and students alike. "I am so glad they (the volunteers) decided to come today. This just made the kids so happy. It makes them feel extremely special and gives them a new sense of friendship," said Malloy.

"I really liked them. And I hope they can come back tomorrow," said 7-year-old Jordan Anthony. It was that kind of praise that made the whole experience worthwhile to each of the volunteers.

Michaud knew he would have fun but, "It's really all about the kids. If they had fun and learned something, and if I helped it happen, then that's all that matters."

There are always opportunities for individuals and groups to volunteer in their communities. The soldiers involved in this year's program enjoyed the satisfaction of selfless service and the knowledge of a job well done, and will certainly be looking forward to the next time they can help.

Army sergeant sees 'Space' as pathway to success

Sgt. Darren C. Haynes, an instructor at U.S. Army Aviation Logistics School re-enlisted and changed his military occupational specialty from the aviation field to that of Space.

Brig. Gen. Richard V. Geraci re-enlisted him.

Haynes is leaving the MOS 68S to become a 31S and, in doing that, he takes the leap from working with craft that operate inside our atmosphere to a mission dealing with equipment far outside it.

As a 68S instructor, he taught soldiers to maintain electrical systems on OH58D helicopters. Once trained as a 31S with skill identifier 1C, however, he'll control communication satellite networks. With the paperwork signed, his last class at the Aviations Logistics School has graduated

and he leaves for Fort Gordon, Ga., for his yearlong training beginning next month.

That will ultimately bring him to U.S. Army Space Command — the only organization in the Army that requires the network controller skills he'll gain from his 1C training. Network controllers work in any of the five companies in the 1st Satellite Control Battalion or three Regional Service Support Centers. These centers and companies are located in Germany, South Korea, Hawaii, California, Florida or Maryland.

While his follow-on assignment hasn't been decided yet, he's hoping to be assigned to C Company, 1st Satellite Control Battalion, in Landstuhl, Germany.

Basically, these controllers are networked across the globe managing satellites within the Defense Satellite Communications System. The satellite communication systems operators/maintainers supervise, install, operate and maintain strategic and tactical multi-channel satellite communication security services. They operate and perform preventive maintenance checks and services on assigned communications equipment, vehicles and power generators.

"The good thing is that this really brings me back to what I originally joined the Army for," Haynes said. "The Army combined three skills into one MOS after I came in, but my original specialty was avionics — communications and navigation. So I think I can bring something to the table as a satellite controller. I know I'll have a lot to learn — especially about the satellite part of it — but I'll at least know about the basics in communications. I'm really looking forward to it."

But Haynes recognizes that he's making a career change from doing something conventional in the Army to a job that's more futuristic. He sees this as a challenge.

"Coming from working on helicopters, I think I am going to have to adjust to a new way of doing things," he said. "Working on the electrical systems of a helicopter, I

can actually touch the wires and move them around — I can troubleshoot problems and work my way to solutions.

"But with satellites, I'll have to know what I'm doing," he said, indicating there wouldn't be that conventional way for him to confirm his actions are correct.

"Working on satellites, you don't get to put your hands on them since they're out in orbit. From what I understand, I'll be working on them — managing them — through computer interface. I won't have that comfort of touch that I get now."

This connection to Space draws in with it two unique aspects of Haynes' re-enlistment ceremony.

Not only was it his father-in-law who re-enlisted him and administered the oath, but Geraci is the deputy commanding general for U.S. Army Space Command. Geraci also serves as the deputy commanding general for operations of U.S. Army Space and Missile Defense Command.

"My first sergeant suggested that I have my father-in-law re-enlist me," Haynes said. "So I asked him about it. I was looking for a career change anyway. When he explained what satellite controllers do and encouraged me to give it a try, I decided to do it and have him re-enlist me."

"It's like one of the things that stuck in my mind that he said at my re-enlistment ceremony. He talked about the Army's transformation and how we need new soldiers coming in to these technical fields."

Geraci echoed Haynes' thoughts about the challenge.

"Army transformation is not just about platforms and combat formations," Geraci said. "It is about soldiers and preparing them for the 21st century. Army transformation will be led by NCOs who are stepping up to the challenges of our high-tech society. The use of Space clearly involves advanced technology and is important to the Army's future."

"I am proud that Sgt. Haynes is one of those NCOs who stepped up to the challenge."



(Photo by Mike Howard)

Sgt. Darren Haynes, left, looks on as Brig. Gen. Richard V. Geraci signs his re-enlistment paperwork.

Change of Command

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departs to Newport, R.I., where he will attend the Naval War College.

Col. William J. Partridge, commander, U.S. Army Space Forces, hosted the ceremony and commented on the tremendous impact Davis' leadership had on the command.

"Lt. Col. Davis' battalion command has been extremely successful by any standard," said Partridge. "His mentoring, training and care for the soldier are second to none. With a unique and challenging mission, and the blessing of incredibly talented young soldiers, Lt. Col. Davis provided constant guidance and leadership, preparing the way for them to succeed. And succeed they did."

"The battalion is also extremely lucky in welcoming Lt. Col. Bethea as its new commander; she has a great reputation as a highly competent and caring leader."

In her comments, Bethea

recognized the importance of the daily mission the battalion performs and its record of distinction.

"It is the greatest honor to be chosen to command a battalion with such an unparalleled reputation for excellence. Satellite control is critical to the warfighter, 24/7. My challenge is to lead you in maintaining that excellence as we face many known and unknown challenges. We will continue to blaze trails as we continue to control the high ground."

In an emotional speech, Davis said his farewells and expressed his deepest gratitude.

"Where have the two years gone. It is unbelievably tough to say goodbye. You leaders who have been in my place know what it is to say goodbye to a vibrant, active unit. All of you will always hold a special place in my heart."

"The leaders who took care of our most precious assets — the young men and women



(Photo by Sharon L. Hartman)

The 1st Satellite Control Battalion marches in formation during the battalion change of command ceremony June 28.

entrusted to our care — all of you get A's. When you hold battalion command, do a better job than I did."

"To the incoming commander and her family, all of whom have been dear

friends for years, I just have one request: that you have as much fun as we did!"

During the ceremony, Davis was awarded the Legion of Merit medal.

Art contest offers children, teens an outlet for post-Sept. 11 expression

WASHINGTON, D.C. — Terrorist attacks on America rocked the nation Sept. 11, 2001. Nearly a year later, a spirit of hope and courage is helping America and its people to heal. The Department of Defense's Deployment Health Clinical Center (DHCC) at Walter Reed Army Medical Center wants to capture those expressions and is inviting children and young adults to submit original artwork for its 2002 "Reflections on Hope and Courage Art Contest."

The contest is open to 6-18 year olds who are the children of Reservists, active

duty and retired military personnel, DoD, federal government and emergency response workers. Artwork may be created in mediums including chalk, ink, pencil or paint. A grand-prize trip to Disney World will be awarded to winners in each age group: 6-8, 9-12, 13-16 and 16-18. Cash prizes also will be awarded to first (\$500), second (\$250) and third-place (\$125) winners.

The young artists and their winning entries will be celebrated on Wed., Sept. 11 during the DHCC's First Annual Conference on Post-Deployment Care: Risk Communication & Terrorism:

New Clinical Approaches at the Hilton Alexandria Mark Center in Alexandria, Va. The art awards will be a featured part of closing conference activities scheduled to remember the heroes of Sept. 11, 2001, and those who lost their lives. The ceremony also will include musical presentations and speeches. The DHCC conference runs from Sept. 9-11.

The deadline for submitting artwork is Aug. 23. Entries should be mailed to DHCC Art Contest, P.O. Box 59667, Washington, D.C. 20012. Organizations interested in sponsorship of this contest

should call Dan Bullis at (202) 782-8937.

About the Deployment Health Clinical Center

The Deployment Health Clinical Center provides caring assistance to tri-service veterans and their families with post-deployment health concerns. The center also provides specialized care for veterans with persistent unexplained symptoms following deployment. For more information about the DHCC or the September conference, visit www.PDHealth.mil.

Pacific

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how much power they will need and where to shoot their transmissions.

"Terminals can be anything from the huge 60-foot dish we have right up the hill to the small dish a guy in a tactical unit out in the field carries in a backpack and sets up on a rock," Ames said. "Terminal is a very broad term for anybody using a satellite for communication."

Ames said the work is hard. "We work long shifts anywhere from 12 to 15 hours a day." But he is quick to point out how important it really is.

"Satellite communications are global. You could be in Antarctica and still pretty much have the same effect. They pick the locations to have good world coverage, and I think our job is just as important — if not more important — than some of the other companies just because we are isolated. There are a lot of places where we are the only ones that can see. Essentially we are a centralized hub for one of the hotter spots in the world. Our job is very important because without us communications would probably fail rather quickly."

Heading east from Okinawa are the folks at the RSSC PAC in Hawaii.

In fact, a former alumnus for E Co. was recently assigned to an available position at RSSC PAC. Staff Sgt. Darrick Noah, a former satellite controller, now assumes the role of a satellite manager in the super high frequency (SHF) section.

"I was doing a permanent change of station at the right time that they needed somebody with the right rank and enough experience," says Noah. "This is another level up from being a controller, because as a controller you don't really have to plan something like ground mobile forces. You don't get anything but the satellite access authorization that comes from the RSSC, so we are basically told what is going to happen."

"The Operations Center at a SATCON unit sees what the RSSC tells them to do and from there you just run with it. It is kind of like seeing your boss from inside. As in, 'Oh, this is why they did that this way,' instead of you thinking, 'Why did they do that?'"

Noah is now part of the staff of 26 at RSSC PAC and will more than likely look to Sgt. 1st Class John Bruce, satellite manager and a three-year veteran of RSSC PAC, for some mentoring.

"Basically we process all the satellite



(Photo by Don Montoya)

Navy Operations Specialist 1st Class Richard Rohr, JTAGS PAC crew chief, left, supervises Sgt. William Daily, an augmentee from Colorado Springs, Colo., as he loads the Commander Tactical terminal radio inside the shelter at Osan Air Base, Korea.

requests," says Bruce. "These are tactical satellite requests for the Pacific region. We work them up on certain software and find out what can work on a satellite and what cannot. Then a unified combatant commander for the Pacific region decides how they are prioritized. We write the satellite access authorizations to allow people to come up on the satellite."

In the three years since he has been here, Bruce has seen a number of changes. "When I got here, there were only Army and DA civilians working here, and super high frequency was all we worked. Since that time, we've added extremely high frequency managers, who are Air Force personnel, and ultra high frequency managers, who are Navy contractors. The RSSC here has grown immensely, and the mission is constantly growing. We are developing into the 'one-stop-shop' concept that everyone has been looking for."

As part of their mission, members of the RSSC PAC travel extensively to provide liaison support to major exercises in the Pacific region. In addition, training is

given, when requested by the customer unit, on anything from satellite communication principles to proper Satellite Access Request (SAR) format.

"We teach units how to properly do the requests," says Bruce. "We provide guidelines on what is feasible and what is not feasible. For instance, I just handled an exercise called Cobra Gold this year, which is a tough area for the satellites we work on because it is out on the edge of the footprint. It can be a little tougher to work the mission requirements on it when the tactical satellite vans are out in that area."

Bruce points to the fact that for any exercise, personnel usually travel three times: one for the initial planning conference, again for the final planning conference and lastly for the exercise itself. Training classes are provided by request.

He admits travel to provide instruction may not always be so distant. "Sometimes it is local. I've got a request here on the island so it is no big deal. I just walk across the street and I can hold a class."

Three Army Space units provide Pacific support

by Don Montoya
Army Space Command

They are U.S. Army Space Command's small string of pearls covering a vast part of the world composed mostly of water. The three sites provide satellite communications and early warning missile defense support to the Pacific region with coverage from the shores of North and South America, all the way to the southeast coast of Africa.

The sites are Joint Tactical Ground Station, 1st Space Battalion, Osan Air Base, Korea; E Company, 1st Satellite Control Battalion, Fort Buckner, Okinawa; and the Regional SATCOM Support Center-Pacific, Schofield Barracks, Hawaii.

"Think of it this way, the territory is more than a million square miles," said Master Sgt. Norman Keefer the NCOIC for RSSC PAC, "but that's because it is mostly ocean."

JTAGS PAC — part of the Theater Missile Warning Company — is about a three-hour drive south of the Demilitarized Zone at the 39th parallel in South Korea in a small building shared by the Marines at Osan.

"As one of the crew chiefs in this unit, my job is to provide theater early warning for tactical missile releases," says Navy Operation Specialist 1st Class Anthony Johnson. "I see it as whole force protection rather than base protection." Johnson is one of 21 personnel in JTAGS PAC.

"I've been with Navy Space Command for a year and nine months," Johnson said. "This is my second time in Korea. When we sit down on crew, we have a mix of Army and Navy personnel, and one person in charge."

But how does it feel to be a sailor working with soldiers?

"I like it. When I first got here, it was strange. But after a while, we learn to work together. I think one of the main things was terminology."

An Army unit, located on an air base, working in a purple environment hasn't affected the mission or personnel of JTAGS PAC.

"I know the Air Force likes us a lot," says Sgt. Robert Thompson, building custodian and telephone control officer. "We've been hearing rumors about us relocating, but the folks here at Osan and on the peninsula really want us to stay because we do such a critical mission."

While the work atmosphere is tightly knit, there are challenges that are faced by JTAGS PAC according to Chief Warrant Officer Jeffrey Robinson, officer-in-charge.

"One of our challenges to the mission is the turnaround rate for soldiers. We know we only get a soldier for one year. It's going to take any person, Navy or Army, on the average, about four to five months to really feel real comfortable with operations."

Robinson said from time-to-time JTAGS PAC does get people who are already trained — and that has been a blessing.

"On the whole we've got a lot of motivated people. The Navy and Colorado Springs sends us motivated personnel. Although they don't come with all the tools it takes to operate effectively, they do step up to the challenge."

Robinson believes this is what makes JTAGS PAC stand out.

"We know the challenges we face with the turnaround so we always attack our training plans and evaluations plans from that point of view," Robinson said.

"Granted, here on the Korean peninsula, we definitely know the importance of Theater Ballistic Missile early warning — and the peninsula knows it also.

"JTAGS PAC is held on a high pedestal. We just accept the challenge of being the eyes and ears — first to detect — first to report for the peninsula," Robinson said. "That's our motto — out front — but we always say — 'as the world turns' because it is a never ending battle with personnel coming in one door and going out the other door."

Meanwhile, on Okinawa, Japan, E Company is busy managing its part of military satellite communications for this part of the world. Located at Fort Buckner and surrounded, but not swallowed, by Marine Camp Foster is one of a handful of units responsible for command and control of communications networks on 10 Defense Satellite Communication System satellites.

E Co. and its personnel also have a good working relationship with the Marines who make up the largest portion of the island's military population, according to Staff Sgt. Franklin Barrett, senior controller.

"We actually support quite a bit out here," says Spc. Mitchell James, a satellite control operator. "It is a busy area of the world. There's a lot of traffic (SATCON) in the Pacific area. You can't see it because it's spread out so much, but it is there."

As to what E Co. does, Spc. John Ames, also a satellite control operator, said, "In simple terms, there are various terminals transmitting information back and forth and we are the middleman. We tell people

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(Courtesy photos)



Time to re-up

Army Space Command's motto is "First in Space!" Spc. (P) John Baker from the command's 1st Space Battalion recently achieved a first of his own. He is the first member of his detachment to re-enlist, and the re-enlistment itself is unique in that it was done during a real-world deployment. The ceremony was conducted during the early morning hours in the Middle Eastern desert where Baker is currently serving in support of OPERATION ENDURING FREEDOM. After the ceremony, Maj. John Graham presented Baker with the flag that was flown over their site the previous evening.