

**Inside
The
Eagle**



Ceremony marks change of responsibility, page 4



See articles on command history, pages 8-10



ABC News Nightline visits Missile Defense Complex, page 15

The Eagle

U.S. Army Space and Missile Defense Command/U.S. Army Forces Strategic Command

Volume 14, Number 3, April 2007

Mathews advances to brigadier general

By Ed White
SMDC/ARSTRAT
Public Affairs Office

PETERSON AIR FORCE BASE, Colo. — Col. Roger F. Mathews was frocked to brigadier general in an afternoon ceremony held at the base auditorium April 2.

Surrounded by his extended family, invited friends, members of U.S. Army Space and Missile Defense Command/U.S. Army Forces Strategic Command and comrades who served with him through the ranks, he was pinned with the stars of a brigadier general by his wife and his father.

Lt. Gen. Kevin T. Campbell, commanding general SMDC/ARSTRAT, officiated at the ceremony. "Roger has had all the right assignments. He has served in armored and infantry divisions and joint assignments. He has commanded at all levels," Campbell said.

Campbell added, "Each year the Army reviews about 1,800

files of colonels for promotion to brigadier general. On average, we select about 25 or 30 to be general officers. The math of that is about a one point seven percent selection rate. That equates to Olympic standards."

Mathews, whose father was a career Air Force officer, credited his success to strong family values inherited from his grandparents and the support of his wife Connie and their two daughters. He also credited support from Soldiers, noncommissioned officers and fellow officers along the way.

Mathews, Air Defense Artillery (ADA), was commissioned in 1978. He served in a number of ADA assignments with the 8th Infantry, at the National Training Center at Fort Irwin, Calif., and with the 1st Infantry Division. He was also a public affairs officer at Fort McPherson, Ga.

Mathews' military education includes the ADA basic and advanced courses, U.S. Army Command and General Staff



Photo by Erica M. Belcher

Newly frocked Brig. Gen. Roger F. Mathews (right) takes the oath of office for a general officer. The oath was administered by Lt. Gen. Kevin T. Campbell, commanding general, SMDC/ARSTRAT. During his remarks, Mathews credited his promotion to the influences of his grandparents, parents, his family, and a host of Soldiers, NCOs and fellow officers who mentored him throughout his life and his career.

College and the Army War College.

In his current assignment as the deputy commanding general for Operations of SMDC/ARSTRAT, Mathews

oversees the operations of two unique globe spanning brigades that provide 24/7/365 space support to the warfighter and homeland defense against missile attacks.



Photo by Jim Walters

Lt. j.g. Troy Lawson, left, stands by as Chief Petty Officer Scott Graham assists Petty Officer Brian Fitzgerald with his dive gear. The Navy EOD divers assisted Kwajalein Explosive Ordnance Disposal personnel last week.

Navy EOD team from Guam destroys underwater rounds

By Nell Drumheller
Editor, *The Kwajalein Hourglass*

The Explosive Ordnance Disposal team has been busy lately. It has been called out to deal with unexploded ordnance and suspect packages three times in as many weeks. The week before last, they took a batch of UXO to Illegini for scheduled disposal. That ended in a bang.

Last week, along with a U.S. Navy EOD Detachment from Guam, they destroyed five five-inch rounds in the lagoon near Enniburr Island, and Sunday they suited up one more time when a suspicious-looking package was spotted near the dock security checkpoint on Kwajalein.

But, according to Will Durning, EOD technician, it's all in a week's work.

"We conduct community outreach and education classes periodically," Durning explained. Education is a

key to spotting the unusual, especially in an area that is littered with UXO left over from World War II. "Every new employee receives the initial training during New Hire Orientation."

But it's not just adults who should be on the lookout for trouble. "Within the next month, we in EOD will be conducting UXO awareness classes in the high school and elementary schools."

Youth spotted the rounds in the water off of Enniburr and reported them to a Roi-Namur police officer. "Whenever we are responding to the outer islands, we try to conduct an impromptu class warning of the dangers of UXO and who to report UXO to. We have handouts in Marshallese and English that we distribute also."

Because those rounds were underwater, local EOD technicians needed

See **EOD** on page 6

The Command Corner



Lt. Gen. Kevin T. Campbell
Commanding General

Four months have passed since I joined the command. In that time, I have visited several locations where the USASMDC/ARSTRAT team is doing so much to provide space-based products and services, integrated missile defense capabilities, and cutting-edge technology in support of our nation's joint warfighters. At each stop, I am continually impressed with the extraordinary professionalism and dedication displayed by you — our Soldiers, civilians and contractors. Secretary of Defense Robert M. Gates recently expressed the same sentiment: "Though you may be working thousands of miles away, your impact — and your positive leadership — is being felt in every fighting hole and on every front line. You also help ensure Servicemembers have the supplies and equipment they need and the quality of life they deserve."

During my trip last month to visit USASMDC/ARSTRAT and air defense units in Germany and Israel, I met with Soldiers who personify the finest attributes of the "Warrior Ethos." These Soldiers, many of them veterans of combat tours in Afghanistan and Iraq, proudly spoke of their units' accomplishments as well as their deep commitment to the profession of arms. Commanders and leaders also acknowledged the great selfless dedication and technical capabilities demonstrated by our forward-deployed Soldiers.

Earlier in March, the Honorable Pete Geren, acting secretary of the Army, in his message to the Army, commended the Army team for its efforts, by stating, "You are serving proudly, whenever and wherever needed — making enormous contributions and sacrifices in so many vital roles." He noted four key areas:

- Fighting with courage and valor at the forefront of the war on terror;
- Deterring aggression in troubled regions worldwide;
- Securing our borders and preventing attacks on our nation; and,
- Supporting civil authorities to respond to natural disasters at home and abroad.

For more than 230 years, the U.S. Army has answered our nation's calling to fight against tyranny and threats against freedom and our way of life. The Army has responded with capable and dedicated Soldiers, well-prepared for the rigors of combat through battle-focused training. Today, our nation's ongoing engagement in Afghanistan and Iraq as well as almost 80 other countries provides clear evidence of the importance of effective training.

As a highly responsive service and a member of a Joint and Coalition warfighting effort, the Army's emphasis on battle-focused training is being validated daily. In both Afghanistan and Iraq, Soldiers and leaders quickly realize that challenging training in peacetime is vital for mission success during wartime. Tough, realistic training builds competence and mutual confidence among Soldiers, instills a sense of esprit de corps that enables a military organization to function cohesively, and prepares Soldiers and leaders for challenges that will be confronted during combat.

In today's environment of increasing complexity and less predictability, great challenges exist to develop and conduct training programs that contribute to success on the battlefield. USASMDC/ARSTRAT embraces this challenge and has developed interrelated programs for Soldiers, leaders and civilians to fulfill our broad responsibilities in support of the Army and our nation. As examples, from the development of a curriculum to train a



Photo by John Upp

CSM Lady retires

Command Sgt. Maj. David L. Lady (right) greets Sergeant Major of the Army Kenneth O. Preston during a reception in honor of Lady's retirement April 6. The reception, hosted by Preston, was held at the Fort Myer Officers' Club immediately following Lady's retirement ceremony. Lady assumed the duties of the command sergeant major of the U.S. Army Space and Missile Defense Command/U.S. Army Forces Strategic Command May 19, 2003. Lady, a native of Washington, D.C., enlisted in 1974 as an armor crewman. He is a member of the Sergeant Morales Club, the Sergeant Audie Murphy Club, the Order of St. George, and the Order of St. Barbara.

Space Cadre with the Space Operations Officer Qualification Course (Functional Area 40) to the provision of forces to support Joint Service exercises, USASMDC/ARSTRAT is integrating space education across the Army and into battle-focused training with the other services. However, while much has been done, much more remains. Individual, unit and institutional training programs must continue, focusing on the support of operational missions while looking to meet future challenges.

Earlier this month, a significant change took place within USASMDC/ARSTRAT as the Army and this command bade farewell to Command Sgt. Maj. David Lady and his wife Ellen. CSM Lady's contributions during a long and illustrious career, culminating as the CSM for USASMDC/ARSTRAT, serve as testaments to his commitment to the Army and our nation. His actions as a leader and trainer provide a lasting positive influence on an incalculable number of Soldiers. We wish CSM Lady and Ellen well as they begin this next chapter of their lives.

CSM Ralph C. Borja will be arriving to the command in May and assuming responsibility as the USASMDC/ARSTRAT CSM. CSM Borja's most recent assignment is as the CSM for 10th Mountain Division (Light Infantry) and Fort Drum, N.Y. His extensive history of assignments throughout the United States and overseas positions him well for success in the upcoming assignment as our next CSM.

In closing, this month brings with it signs of springtime ... but the lingering seasonal effects of winter can remain in some of our locations. As such, it requires continued individual and supervisory emphasis on safety. While leaders and managers are responsible for unit and organization safety, everyone is responsible for helping ensure our training and work environments remain safe. As we rush out to take advantage of the warmth of springtime, I ask that each of you consider the importance of safety ... at work, at home and at play.

SECURE THE HIGH GROUND!

The Eagle ... is an authorized unofficial newspaper published for military and civilian members of the U.S. Army Space and Missile Defense Command/U.S. Army Forces Strategic 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 SMDC/ARSTRAT. This monthly newspaper uses offset reproduction and has a circulation of 2,250. Reader input is solicited and welcomed; however, no payment will be made for such contributions. For more information about SMDC/ARSTRAT or to view *The Eagle* on-line, visit our Web site at www.smdc.army.mil.

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Rosebud Sioux Tribe to construct AERI facility

ROSEBUD, S.D. — Ivan Romero and William Bet-Sayad, both of the New Initiatives and Innovations Defense Advanced Research Projects Agency Office, U.S. Army Space and Missile Defense Command/U.S. Army Forces Strategic Command, attended a ground-breaking ceremony March 19 here, for the facility that will be constructed by the Rosebud Sioux Tribe for use on SMDC/ARSTRAT's AERI (Advanced Electronics Rosebud Integration) contract.

The AERI program will develop innovative manufacturing techniques for advanced electronics, focusing on lead-free manufacturing, utilization of non-hazardous materials, and advances in miniaturizing electronics components for SMDC/ARSTRAT and Department of Defense-wide applications.

Dignitaries present at the ceremony were South Dakota Governor Mike Rounds, Rodney Bordeaux, chairman of the Rosebud Sioux Tribe, Lionel



Courtesy photo

Employees from SMDC/ARSTRAT, New Initiatives and Innovations Defense Advanced Research Projects Agency Office, along with several dignitaries conduct a ground-breaking ceremony for the Advanced Electronics Rosebud Integration facility March 19 in South Dakota.

Bordeaux, president of Sinte Gleska University, representatives of Senator Tim Johnson's, Senator John Thune's and Congresswoman Stephanie Herseth's offices, Romero, Bet-Sayad, and Johnny Walker of

Radiance Technologies, prime contractor for the AERI contract. Each of the dignitaries spoke, complimenting SMDC/ARSTRAT and the AERI team for the hard work already performed, and acknowledging the

contribution of the program to improving manufacturing technology while minimizing environmental impact, and for the Army in providing meaningful employment on the Rosebud Sioux reservation.

What We Think

The Eagle asks:

Do you recycle and why or why not?



I don't recycle at present because the townhouse complex where I live has a trash pick up service and doesn't provide a means to recycle at this time.

D. J. Montoya
Public Affairs Office
1st Space Brigade
Colorado Springs, Colo.



Absolutely my family recycles. We need to be responsible custodians of the environment, and recycling is a positive and easy way to work toward that. It especially gets kids involved and puts them in the mindset of environmental responsibility. Recycling generates less waste to go into landfills, and with the current trend of increasing population and increasing amounts of garbage, there should be more efforts to regulate even more of our waste.

Maj. Loren Schriener
G-3 Operations
Colorado Springs, Colo.



I currently have a stockpile of aluminum beverage containers that I will recycle for the return refund. It would be nice if we had materials that were more earth friendly.

Sgt. Joshua Wheeler
Assistant Schools NCO
49th Missile Defense Battalion
Fort Greely, Alaska



I'm afraid I don't recycle, and the only reason I have is laziness. I know recycling would prevent useful material resources from being wasted, reduce the consumption of raw materials, reduce energy usage, reduce greenhouse gas emissions, and save our city, county and federal governments' money. I know all this but I still don't recycle, isn't that awful!

Virgil J. Odom
Network Systems Analyst
Simulation Center
Wireless Facilities Inc./
Madison Research Corp
Huntsville, Ala.



I recycle to save the planet. My trash service provides for separate newspaper, cardboard, metal and plastic as well as other garbage. Recycling prevents landfills from becoming permanent wastelands of non-biodegradable metals and plastics. Everyone should make the choice to recycle.

Ellen Smith
Administrative Assistant
to the Chief of Staff
Arlington, Va.



Yes and No. Recycling assists with stretching out the available critical materials that may become scarce in the future that are key components for many items we need or enjoy. The hope is that by recycling now, and with improved processes and technologies, it allows us time to wean away from declining non-renewal resources and move more toward renewal resources. I am a child of the '70s, thus I am sensitive to note if recycle bins are available where I am. If so, and to be honest if the location is relatively convenient, I will deposit items appropriately. If not, then no.

Charles E. Wilcox
Project Manager
Simulation Center
Wireless Facilities Inc./
Madison Research Corp
Huntsville, Ala.

Ceremony marks change of responsibility

By Maj. Laura Kenney
100th MDB (GMD)
Public Affairs Officer

COLORADO SPRINGS, Colo. — A shining artillery officer's saber dating back to 1860 was handed from the most junior lieutenant in the 100th Missile Defense Brigade (Ground-based Midcourse Defense) to the outgoing deputy adjutant general for Space and Missile for the state of Colorado — and was then passed to the officer who would assume that responsibility ...

In a ceremony with roots dating back to the Roman Empire, responsibility for providing general officer leadership and oversight of new units holding unique missions in the fields of space and missile defense was relinquished by Brig. Gen. Patrick O'Hara, and the sword, and what it symbolized, was taken up by Brig. Gen. Stuart Pike.

The adjutant general for Colorado, Air Force Maj. Gen. Mason Whitney, presided over the ceremony March 29, held at the headquarters of the 100th MDB (GMD) here.

Whitney received the sword from O'Hara and passed it to Pike, his role representative of the National Guard's immense responsibility in these emerging high-technology missions.

Soldiers of the 100th and of the 117th Space Support

Battalion, both Colorado Guard units, attended the ceremony marking the transition of the officer appointed to serve as their advocate and mentor. Dignitaries from higher commands were also present, including the incoming adjutant general — Air Force Maj. Gen. (selected) H. Michael Edwards — who will assume Whitney's command May 1. The deputy commanding officer of U.S. Army Space and Missile Defense Command/U.S. Army Forces Strategic Command, Brig. Gen. Roger F. Mathews, also attended.

Whitney praised the outgoing and incoming officers, stressing the importance of strong leadership for these nascent units and their vital missions. O'Hara, who'd worked with the missile defense program since before the 100th stood up in 2003, talked about the road that led to where the unit stands today — operational and ready to defend the nation. Pike expressed pleasure at being chosen to follow in O'Hara's footsteps, and confidence in the future.

O'Hara also commented on the value of Soldier skills, even given the huge strides in technology in the space and missile defense fields.

"Technology lets us do things today we never could have dreamed of previously. But nothing replaces the need for



Photo by Spc. Michael Cost

Brig. Gen. Stuart Pike accepts a sword from the Colorado National Guard Adjutant General, Air Force Maj. Gen. Mason Whitney, signifying his acceptance of the responsibility inherent in his new position as Deputy Adjutant General for Space and Missile Defense. The Change of Responsibility ceremony for Pike and the outgoing Brig. Gen. Patrick O'Hara was held March 29 at the headquarters of the 100th Missile Defense Command (Ground-based Midcourse Defense.)

the warrior, so as my last advice to you, I would say, never forget your "warrior's edge."

Col. Michael Yowell, commander of the 100th, presented O'Hara with a statue grouping of civil war artillery Soldiers and cannon, relating to the general's field artillery background. A joke gift of O'Hara's legendary favorite snack was simultaneously given. Both were received in the spirit intended.

A rousing rendition of *The Army Song* was led by the three

generals from the front of the room, with Whitney in his Air Force uniform singing just as heartily.

A cake to commemorate the occasion was cut in tandem by the outgoing and incoming officers, although they did not use the saber, which, albeit a replica, had served its ceremonial duties well. A light-hearted barrage of foam miniature missiles fired by the 100th contingent at the command "Weapons free!" ended the event on a high note.

SMDC/ARSTRAT begins 50th anniversary logo competition

In 2007, the U.S. Army Space and Missile Defense Command/U.S. Army Forces Strategic Command will celebrate its 50th anniversary. It was in 1957, that the Army officially received the mission to develop an anti-missile system — the NIKE-ZEUS — and organized the Redstone Anti-Missile Missile System Office.

In recognition of these events, SMDC/ARSTRAT is planning a series of events to celebrate its half century of progress in missile defense and space. The first order of business is to design a 50th anniversary logo which may be incorporated into briefing slides, exhibits, etc.

The contest is open to all current and retired SMDC/ARSTRAT employees military and civilian, dependents and other interested parties. Three logos will be selected from the submissions and designated first, second and third place.

REQUIREMENTS:

The logo should be a full-color design that is equally attractive if printed in black and white or grayscale. Printing requirements dictate that original artwork should measure a minimum of 8-by-10-inches. An electronic logo design must be a minimum of 8-by-10 inches with a 300 dot-per-inch (dpi) quality. Digital submissions, saved on a CD, must be in a JPEG (filename.jpg) format with a minimum quality setting

of medium. Submissions should include, on a separate page, the designer's full name, address, telephone number, e-mail address and as applicable, military rank, job title and unit listed on a separate sheet.

DEADLINES:

Submissions must be received by close of business April 30, 2007. All submissions will be presented anonymously to the SMDC/ARSTRAT board of directors. The board of directors will select the winning entries. They will also determine if the first place design will be used as the permanent 50th anniversary logo. The decision of the judges will be final.

E-mail submissions to: Sharon Watkins Lang: Sharon.Watkins.Lang@us.army.mil

or mail to:

SMDC/ARSTRAT
ATTN: SMDC-HO/LANG
P.O. Box 1500
Huntsville, AL 35807-3801

for FEDEX use:

SMDC/ARSTRAT
Von Braun Complex
ATTN: SMDC-HO/LANG
BLDG 5220 RM 3F116
Redstone Arsenal AL 35898

GENERAL CONDITIONS:

- Each submission must be the original work of the submitting contestant and must not violate any copyright, trademark, publicity, or privacy right of any third party, and must not be obscene or otherwise contrary to law.
- Contestants agree to release, indemnify, and hold harmless the government and its employees and agents from and against any damages and expenses arising in connection with any suit or allegation that their submissions violate the rights of any third party.
- Contestants agree that the government acquires full ownership in all submissions by assigning all copyright, trademark, and any other intellectual property rights in their submissions to the Government, as represented by the Secretary of the Army. Submissions will not be returned.
- Winners will be notified by May 18.
- Winning logos will appear in an upcoming edition of *The Eagle* and may appear in other publications. Winning contestants agree to the use of their names, likenesses, and biographical information, if any, for purposes of advertising and promotion by the government without further consent, compensation or approval.
- By entering the contest, contestants agree to all of the above conditions. Contestants must be 19 years of age or older and have full right to make this agreement.

Civilian News

TSP returns for G, F, C, S and I funds

Rates of return were updated on April 3, 2007.

March 2007		Last 12 months (4/1/06 -3/31/07)	
G Fund	0.42%	G Fund	5.05%
F Fund	0.00%	F Fund	6.60%
C Fund	1.09%	C Fund	11.83%
S Fund	1.09%	S Fund	9.30%
I Fund	2.57%	I Fund	20.20%

Percentages in () are negative.

ASMDA Space Camp scholarships available

The U.S. Army Space and Missile Defense Association (ASMDA) is offering 16 scholarships to selected children to attend a one-week Space Camp July 1-6, at the U.S. Space and Rocket Center in Huntsville, Ala. Any child, age 9 - 11, of a parent or guardian currently assigned to SMDC/ARSTRAT, PEO-MS, STRATCOM, MSIC or MDA, including matrix personnel, is eligible. Selection criterion includes a space essay written solely by the child, interest in science/space, grades, location (at least two from each location — Huntsville; Colorado Springs, Colo.; Washington, D.C.; Kwajalein; Alaska; and Omaha, Neb.), and financial need. The scholarship includes round-trip airfare and unaccompanied minor fee from parent's work location, transportation to and from Huntsville airport to the Space and Rocket Center, a Space Camp flight suit and clothing package, a phone card, and a small amount of spending cash. The deadline to apply is May 4. Applications are available online at www.smdc.army.mil.

OPM to enhance training capabilities

Office of Personnel Management (OPM) Director Linda Springer on March 29 announced a new federal workforce training partnership program that will enhance opportunities offered through the agency's Training and Management Assistance (TMA) program. The new effort will allow TMA's commercial partners to meet increasing agency requirements for customized training and human capital solutions, Springer said. TMA is a leading provider of training assistance and human capital solutions for the federal workforce. Among other things, the new effort will broaden the scope of the Training Program Management Office to specifically include activities such as course delivery, Web-hosting, and production of copies of instructional materials. "To meet our primary goal of ensuring the federal government has an effective civilian workforce, we must provide federal employees with access to training opportunities," Springer said. "At the same time, we want to ensure agencies have access to improved human capital solutions." To see more, go to: www.opm.gov/news/opm-to-enhance-training-and-human-capital-solutions-for-federal-employees,1167.aspx

Feds like their salaries, but are unsure about performance pay

Although a majority of federal employees may support the idea of a pay-for-performance system, they are not really sure how it will operate once implemented, says a new report from the Merit Systems Protection Board (MSPB). The report summarizes the responses of 36,926 federal employees who completed an online survey in 2005. In general, a majority of employees are satisfied with the pay they receive (60 percent) and more than 60 percent think that a performance-based system could increase their pay. But the data also indicate that not even half of the participants trusted upper management to fairly assess their performance and contributions (49 percent), or trusted them to refrain from favoritism (42 percent) in management decisions. "So while federal employees appear to support the concept of pay for performance, attitudinal changes must occur at the organizational level for this type of system to work as well as possible," the report said. To see more, go to: www.mspb.gov/studies/rpt_03-23-07_merit_survey_final5/survey.htm#ps

Military News

The 'Wounded Soldier and Family Hotline'

Is open 7 a.m. to 7 p.m., Monday through Friday, at (800) 984-8523. This call center was designed to be able to collectively hear what Soldiers say about their health care issues so as issues are raised, the Army can identify systemic faults or problematic areas and senior leaders can better allocate resources to fix problems. The hotline also provides an information channel for Soldiers' medical-related issues to go directly to senior Army leadership in order to improve the way the Army serves the medical needs of Soldiers and their families. The call center is under the command of the U.S. Army's Human Resources Command.

Some veterans mislead about GI Bill benefits

The National Association of Veterans Program Administrators (NAVPA) recently issued a press release that pointed out some very serious shortcomings in the way the GI Bill for Selected Reserve is being administered. Some citizen soldiers returning to college after serving in Iraq and Afghanistan are being told that they lose their eligibility for continued GI Bill benefits if they stop drilling with the Guard or Reserve. The problem is in how the DoD interprets the Reserve Education Assistance Program (REAP). This GI Bill program makes Guard and Reserve troops, returning from service in the war, eligible for education payments similar to active duty troops. It was recently discovered that REAP recipients can revert back to the original Reserve GI Bill — known as the Montgomery GI Bill-Selected Reserve (MGIB-SR) — upon discharge from paid drill status. This means they can then use their remaining MGIB-SR entitlement for the number of months they were activated plus four more months. Additionally, multiple periods of activation can be added together to further increase this extension. The VA has changed their website to reflect the correct information. Unfortunately, the DoD disagrees with VA's interpretation of the law, resulting in Selected Reserve members being told two different stories. Bottom line, the VA will pay the MGIB-SR benefits to veterans that are deemed eligible based on the number of months they were activated for the war.

Tips for stress management

The stress of managing a military career, a family and getting your education can be overwhelming. And it's easy to miss the signs of stress if your plate is full. The first step is to learn to recognize the symptoms of stress. Stress symptoms include mental, social, and physical manifestations. What you can do to manage your stress yourself? Joe Landsberger of *military.com* offers some advice for stress management. **Take control:** See if there is something you can change or control in the situation. **Don't sweat the small stuff:** Try to prioritize a few truly important things and let the rest slide. **Do something for others:** Helping others can help get your mind off yourself. Being of service to others can be gratifying and makes you feel better. **Be positive:** Focus on how well you can cope rather than how horrible everything is going to be. **Get enough sleep:** Lack of rest just aggravates stress. **Set realistic goals for yourself:** Reduce the number of events going on in your life and you may reduce the circuit overload. **Remove yourself from the stressful situation:** Give yourself a break if only for a few moments a day. **Selectively change the way you react:** Focus on one troublesome thing and manage your reactions to it/him/her. **Change the way you see things:** Learn to recognize stress for what it is. Increase your body's feedback and make stress self-regulating. **Work off stress:** Whether it's through workouts, jogging, tennis, or gardening, physical activity can relieve stress. Studies show that physical activity enhances psychological well-being. **Try to "use" stress:** If you can't fight what's bothering you and you can't flee from it, flow with it and try to use it in a productive way. **Don't overwhelm yourself:** Avoid fretting about your entire workload. Handle each task as it comes, or selectively deal with matters in some priority. **Develop a thick skin:** The bottom line of stress management is "I upset myself." **Do NOT self-medicate or escape:** Alcohol and drugs can mask stress. They don't help deal with the problems. **Learn how to best relax yourself:** Meditation and breathing exercises have been proven to be very effective in controlling stress. Practice clearing your mind of disturbing thoughts. **Most importantly:** If stress is putting you in an unmanageable state or interfering with your education, family, social and/or work life, seek professional help; contact your local behavioral health clinic.

'Swift'y achieving goals

By DJ Montoya
1st Space Brigade

PETERSON AIR FORCE BASE, Colo. — Setting goals, both short and long term, is part of any noncommissioned officer's career. Staff Sgt. Jennifer Swift is no exception. She recently achieved one of four short term goals — induction into the U.S. Army Space and Missile Defense Command/U.S. Army Forces Strategic Command chapter of the Sergeant Audie Murphy Club.

Sgt. Leon Audie Murphy was one of the finest noncommissioned officers in the U.S. Army during WWI. His leadership on the battle field of Europe demonstrated the ideals of an American noncommissioned officer. Sgt. Audie Murphy displayed immense courage and bravery at great personal risk.

Induction and membership in the SMDC/ARSTRAT Sergeant Audie Murphy Club is a reward for noncommissioned officers whose leadership achievements and performance merit special recognition and who have contributed significantly to the development of a professional NCO corps and a combat-ready Army. Members demonstrate superb leadership characterized by personal concern for the needs, training and development of their Soldiers, as well as concern for their

Army families.

Swift, a 25-year-old native of Redding, Calif., is currently the 53rd Signal Battalion operations noncommissioned officer and received her honor during a brief ceremony on the morning of Feb. 21. She is the 20th inductee into the SMDC/ARSTRAT chapter since its inception back in 2001.

According to Swift, hard work and patience have paid off for her. "I've been trying to do this for a couple of years," she said.

"I found myself going on missions every time they either did the first or the second board."

However, in the past six months — especially around the December time frame — Swift found the time and determination to focus on her goal.

SMDC/ARSTRAT Command Sgt. Maj. David L. Lady commented on her accomplishments prior to the induction by saying, "This is a leader of Soldiers on Schriever Air Force Base and in Baghdad, who succeeded at every task, but most importantly the task of caring for and training her Soldiers."

"She has proven that in deployments. She has proven that in day-to-day operations. She is trusted by her Soldiers as well as her leaders. And she is being recognized by this Army Program in order to distinguish her from among all of her peers right now in the Signal Corps and in the Army."



Photo by DJ Montoya

Command Sgt. Maj. Kevin McGovern from the 1st Space Brigade places the Sergeant Audie Murphy medallion on Staff Sgt. Jennifer Swift, from the 53rd Signal Battalion, during her induction into the U.S. Army Space and Missile Defense Command/U.S. Army Forces Strategic Command chapter of the Sgt. Audie Murphy Club.

In recognition of her demonstrated professionalism and excellence, Swift received the Sergeant Audie Murphy Club medallion and certificate.

As part of the ceremony Swift was also awarded the Army Commendation Medal by Brig. Gen. (then Col.) Roger F. Mathews, deputy commander for operations, SMDC/ARSTRAT, for her selection and induction into the club.

Swift recommends to others in her battalion, and command wide, to think about competing for the honor.

"I've talked to some individuals a couple of weeks ago. And it is really something that they should definitely look into because they have the quali-

ties that embody a candidate for the Sergeant Audie Murphy Club."

Swift has been part of the SMDC/ARSTRAT family since early 2002. She has worked as a network controller and squad leader with the 53rd Signal Battalion at Schriever. In January of 2005, she deployed in support of OPERATION IRAQI FREEDOM III as a team member for the Space Support Element assigned to the 3rd Infantry Division. She returned to SMDC/ARSTRAT in August of 2005 and has been here since.

Her next short term goal is getting married at the end of March and hopefully earning a selection for promotion to sergeant first class next year.

EOD

continued from page 2

assistance in destroying them. "There are contractual limitations placed on underwater demolitions, namely the liability to the company for KRS EOD to perform underwater demolitions. We are not commercially licensed divers, and the commercially licensed divers we do have are not EOD trained and qualified," Durning explained.

So the Kwaj bomb busters called in help from the Navy. "What they are, are EOD technicians that have specialized additionally in dive operations and the conducting of EOD procedures underwater," he said. U.S. Army Kwajalein Atoll requested their expertise to destroy underwater ordnance. The Navy was ready and willing to help. "If there are U.S. Navy EOD assets available and the requesting agency has the appropriate funding for their utilization, the Navy EOD divers can be on-site in as little as 72 hours for routine-emergencies." The team that came out was the U.S. Navy EOD Detachment Marianas, a part of U.S. Navy EOD Mobile Unit 5, based in Guam.

While most people were taking it easy on Sunday, the EOD team and members of the Kwajalein Fire and Police Departments were ensuring the island was safe.

"Sunday was an incident that was composed of a suspicious package that warranted our 'energetic' attention," Durning said.

Suspicious packages and the like are

reported approximately once a month. "It all depends on how aware of suspicious packages the public and official personnel are," Durning said of the report. "This heightened awareness combined with increased inattentiveness of others in leaving bags in higher-profile areas generally relates to a higher incidence of suspicious package responses."

The package turned out to be safe. But it's this high-level of diligence that keeps the community protected.

"To the best of my knowledge, we have had zero UXO/ordnance injuries here at Kwajalein, and hope to keep it that way,"

Durning said.

"I personally would like to thank the community of Kwajalein for their patience and understanding if they are disrupted from the normally laid-back lifestyle by a suspicious package that warrants EOD's attention," Durning said. "I also would caution everyone about leaving bags and boxes unattended. USAKA is a U.S. Army base, and the United States of America is currently engaged with terrorist forces all over the world. Every suspicion must be pursued as being potentially hazardous."



Photos by Jim Walters

Navy Explosive Ordnance Disposal Detachment divers exploded five five-inch rounds off the coast of Ennibur last week.

Brigade names NCO, Soldier of the Quarter

By DJ Montoya
1st Space Brigade

PETERSON AIR FORCE BASE, Colo. — Good things come in pairs and that was the case with two U.S. Army Space and Missile Defense Command/U.S. Army Forces Strategic Command Soldiers from the Operations Center in Building 3 as they achieved the status of SMDC/ARSTRAT Soldier and Noncommissioned Officer of the Quarter.

Spc. Sean M. Coincon, a satellite controller with the 53rd Signal Battalion, and Sgt. George Stratakos, an early warning systems operator with the 1st Space Battalion, had reason to celebrate during the recent Command Soldier and NCO of the Quarter Boards conducted in March.

According to their sponsor Sgt. 1st Class Daniel Hansen, NCO in charge of the Operations Center, he was both surprised and glad to see both of these 'Silent Warriors' — as they are often referred to — emerge victorious since they work together on the same shift.

Coincon credits his win with help from his fellow honoree.



Spc. Sean M. Coincon

"I studied hard and got excellent advice from my NCO, Sergeant Stratakos, as well as from the other entire shift NCOs," said the 24-year-old Baton Rouge, La., native.

The SMDC/ARSTRAT Operations Center is Coincon's first duty station out of Advanced Individual Training. After a mere six months working in the OC, he has already distinguished himself by filling the Global Satellite Operations NCO slot, in addition to earning this most recent title. His future goals include finishing a bachelor's degree in physical



Sgt. George Stratakos

therapy and trying to enroll in the Green to Gold program.

Stratakos served one year with the Joint Tactical Ground Station at Osan Air Base, Republic of South Korea, prior to being assigned to the OC. The 22-year-old said learning from and working under the best NCOs from his current and past assignments contributed to his winning edge.

"I am honored to have achieved one of my goals (winning the NCO of the Quarter board), working on being the best NCO I can be, setting a high standard for myself while

encouraging my subordinates to reach as high."

During his two years in the OC, Stratakos has earned the position of one of the Operations Center's shift NCOICs and JTAGS Operations NCO. He calls Ithaca, N.Y., his home, and his family is originally from Sparta, Greece.

During the competition, command leaders select qualified Soldiers for participation in the Soldier/NCO of the Quarter board. Soldiers are selected based on their overall initiative and military appearance prior to the board. The boarded Soldiers were asked questions and judged on their knowledge of numerous subjects including current events, Uniform Code of Military Justice, chain of command and various Army programs.

According to the evaluation sheet used to score Soldiers, candidates' military bearing, physical fitness and marksmanship scores also were used in the judging.

Candidates were scored from 0-20 by each of the board members, all senior NCOs. The tallies from those scores determined the overall winners of the board.

Bravo Company selects NCO, Soldier of the Year

By Sgt. Alicia Brogden, Unit reporter

FORT MEADE, Md. — Bravo Company, 53rd Signal Battalion, named its 2006 Soldier and Noncommissioned Officer of the Year March 9.

Sgt. Stephen Thomas and Staff Sgt. Mary Kiser won this year's honor and are preparing to represent Bravo Company at the upcoming Eastern Regional Board.

Sgt., then specialist, Stephen Thomas attended and won the Company's Soldier of the Month Board in April 2006 which propelled him to the Company's Soldier of the Quarter Board, conducted in June 2006. The Board consisted of general Soldier knowledge questions, like the Soldier of the Month Board, but also, an informative class.

Kiser attended and won the Company's

NCO of the Quarter Board held in September 2006. After winning the Quarter Boards, both had to compete against two of their peers at the Company's Soldier and NCO of the Year Board. The Year Board consisted of general Soldier knowledge questions, an informative class, and situational questions testing the Soldier's ability to think and make decisions off the cuff, as well as their demeanor and bearing.

Thomas has been in the Army for almost five years. He excels by consistently scoring more than 270 points on the Army Physical Fitness Test and qualifies Expert on his assigned weapon. He is the Team Leader and Publications NCO for Bravo Company.

Kiser is currently Bravo Company's operations NCO. She has been in the

Army more than four years and has earned the Distinguished Honor Graduate title at every course she has attended: the 25S Advanced Individual Training, and 1C at Fort Gordon, Ga.; the Professional Leadership Development Course at Fort Knox, Ky.; and at the Basic Noncommissioned Officer Course at Fort Gordon, Ga.

"Bravo Company always sends strong competition to the Eastern Region Board. I have full confidence in these two outstanding Soldiers and expect nothing less than a win for Bravo Company," said Sgt. 1st Class Lamar Lauderdale when asked about the Soldiers that would be representing Bravo Company.

Both Soldiers are preparing for the Eastern Regional Soldier of the Year and NCO of the Year Board April 4-5 at Fort Detrick, Md.

Funding needs prompt Army spending constraints

Army News Release — The Army remains determined to do whatever necessary to execute its mission: defending the nation and prosecuting the war on terror while ensuring uninterrupted support to the Families of our deployed Soldiers.

With the Fiscal Year 2007 emergency supplemental for funding operations in Afghanistan and Iraq, and requirements associated with the Global War on Terror, still under Congressional review, the Army will slow spending and the Department of Defense will move funds from other accounts to the Army, Army officials announced April 16.

In order to stretch the money it has, the Army will tell commanders to slow spending in certain areas so that war related activities and support to Families can continue. The Department of Defense also will request the Congress approve the temporary reprogramming of \$1.6 billion from Navy and Air Force pay accounts to the Army's operating account.

Beginning in mid-April, the Army will slow the purchase of repair parts and other supplies, relying instead on existing inventory to keep equipment operational. Priority will be given to repair and refurbishment of immediately needed warfighting equipment, while training and other non-mission critical equipment repair will be deferred, officials said. In addition, the

purchase of day-to-day supplies with government charge cards will be restricted, non-essential travel will be postponed or canceled, and shipment of equipment and supplies will be restricted or deferred altogether, unless needed immediately for war efforts. The Army added it also will delay the repair of facilities and environmental programs unless the work is for safety or health reasons, or impacts on Family support.

The Army also announced it will take more restrictive actions in May, beginning with a freeze on new civilian hiring from outside the Army and releasing temporary employees. The Army also will cease to enter into new contracts and task orders, and suspend some service contracts supporting training events and facilities. Army commands will be directed to review their outstanding orders for parts, supplies and services and cancel orders that are not essential for immediate operations.

The Army estimates that even with these spending restrictions and a temporary reprogramming of \$1.6 billion, funds are sufficient to keep operations running only until the end of June. These actions carry consequential effects, including substantial disruption to installation functions, decreasing efficiency and potentially further degrading the readiness of non-deployed units.

SMDC/ARSTRAT becomes operational with creation of brigades to protect

By Mark Hubbs
SMDC/ARSTRAT Historical Office

The Army's first space brigade, serving the war fighter

On April 11, 2003, an activation ceremony was held at U.S. Army Space and Missile Defense Command headquarters on Peterson Air Force Base, Colorado. The ceremony marked the creation of the Army's first and only space brigade - 1st Space Brigade (Provisional). Army Lt. Gen. Joseph M. Cosumano, then the commanding general for the U.S. Army Space and Missile Defense Command/U. S. Army Space Command, presided over the ceremony. Cosumano observed that the activation "[represented] a huge step forward in the normalization of Space."

The creation of the 1st Space Brigade was to provide warfighters with civilians, equipment and access to a variety of space-based products and services. The 1st Space Brigade has three battalions: the 53rd Signal Battalion, 1st Space Battalion and the 193rd Space Support Battalion.

The 53rd Signal Battalion is the oldest battalion in the brigade and traces its heritage to five satellite control detachments under the MILSATCON Directorate of ARSPACE.

The U.S. Army converted these detachments into the 1st Satellite Control Battalion on May 1, 1995.

This is the first battalion, in the history of the Army, whose operational mission is directly tied to the control of space systems and capabilities. The battalion plans and controls the payload of the Defense Satellite Communications System satellites. It was reflagged as the 53rd Signal Battalion (SATCON) on Oct. 26, 2005.

With this move, Brig. Gen. Jeffrey Horne, then deputy commander for Operations, SMDC/ARSTRAT, noted that "the Army formally recognizes the unit's operational warfighting mission." The 53rd carries on the satellite control mission with six companies at various locations across the globe. Those companies are located at: Headquarters, Peterson Air Force Base; Headquarters Company, Schriever Air Force Base; A Company, Fort Detrick, Md.; B Company, Fort Meade, Md.; C Company, Landstuhl, Germany; D Company, Camp Roberts, Calif.; and E Company, Fort Buckner, Okinawa, Japan.



Satellite communications facility, Delta Company, 53rd Signal Battalion, Camp Roberts, Calif.

The 1st Space Battalion was activated on Dec. 15, 1999 with a mission to provide existing and emerging space support to the warfighter and to provide tactical ballistic missile warning. The mission expanded in April 2001 to include space control operations for American and Allied forces with the addition of a Space Control Detachment. The 1st Space Battalion officially unfurled its new battalion colors when it was transitioned to a full-fledged battalion organization on July 8, 2004. The battalion was organized with three companies, with plans to expand to five companies by 2008.

Much of the battalion's space support mission had been ongoing for several years before the activation of the battalion.

In 1994, ARSPACE formally assumed a new mission - Contingency Operations (Space), now known as the Army Space Support Teams (ARSSTs). With this mission, the teams are to "provide worldwide space operations support to Army forces during operations as well as operations other-than-war."



An ARSST team member assists a 1st Infantry Division Soldier with satellite images.

The 2nd Space Company is composed of ARSSTs which have been deploying in assistance to Army and Marine Corps ground units since 1995 as the on-the-ground space experts in satellite communications, weather, terrain analysis and 3-D visualization, mapping, and satellite coverage analysis.

Commercial Exploitation Teams (CETs) provide similar services by arranging for the use of commercial satellite assets. ARSSTs and CETs of the 2nd Space Company have been repeatedly deployed in support of OPERATION ENDURING FREEDOM and OPERATION IRAQI FREEDOM since its early phases.

The 1st Space Company of the battalion has the mission of theater missile warning with the Joint Tactical Ground Stations (JTAGS). The 1st Space Company is headquartered with the brigade but mans three JTAGS detachments. Sections of these three detachments are located in Colorado Springs, Stuttgart Germany, Qatar, and Osan Air Base, Korea.

When activated in 2008 the 2nd and 5th Companies will be manned by Army Reserve soldiers and will have the ARSST and CET mission.

The 193rd Space Battalion is the third battalion of the 1st Space Brigade and was activated in 2001. Manned by full- and part-time Colorado National Guardsmen, its organization and missions mirror the 1st Space Battalion.

The 193rd has also been a continuous ARSST and CET presence in the Persian Gulf region since the beginning of OPERATION IRAQI FREEDOM. The 193rd will be redesignated as the 117th Space Battalion October 2007.

The 100th Missile Defense Brigade, Protecting the Homeland

The 100th Missile Defense Brigade was activated in Colorado Springs on Oct. 16, 2003. The brigade is a multi-component unit staffed largely by active Colorado National Guardsmen and a contingent of active duty soldiers. In fact, the brigade gets its name from the fact that Colorado is often called the "Centennial State" as it was admitted to the union in the centennial year of the American independence. The Brigade includes five Missile Defense Elements (MDEs) and the 49th Missile Defense Battalion.

An MDE is a five man element commanded by an Army lieutenant colonel. The MDEs rotate duty at the Ground-based Midcourse Defense (GMD) control and launch center at Schriever AFB. This control center is connected to GMD launch facilities at Fort Greely, Alaska, and test launch facilities at Vandenberg AFB, California. All launch functions at those locations can be controlled remotely by MDEs from Schriever, where one MDE is continually on duty. Commanders of the MDEs answer directly to the 100th Missile Defense Brigade commander.

The 49th Missile Defense Battalion is also an element of the 100th. The 49th was activated at Fort Greely, Alaska on



A JTAGS crew off-loads a JTAGS during its initial deployment to Germany.

Jan. 22, 2004 and is completely staffed by Alaska National Guardsmen. The 49th provides launch control and site security of the GMD missile launch facility at Fort Greely. The 49th is named in honor of Alaska, as the nation's 49th state.



A Soldier from the 49th Missile Defense Battalion secures the GMD perimeter fence at Fort Greely, Alaska.

Army astronauts in the Space Shuttle Program

By Mark Hubbs
SMDC/ARSTRAT Historical Office

In January 1978, NASA announced the selection of 35 new astronaut candidates for the Space Shuttle Program, the first chosen since 1969. This group included two new astronaut job titles, pilot and mission specialist. Included in this group was Maj. Robert L. Stewart, who would become the Army's first astronaut.

Stewart began a rigorous training and evaluation period at the Johnson Space Center in Houston for assignment to future space shuttle flight crews. After clearing this initial hurdle, Stewart became an astronaut in August 1979. Stewart, who held a Master of Science degree in Aerospace Engineering, emerged from the training as a mission specialist, responsible for shuttle operations in areas affecting shuttle experiment procedures. Mission specialists conducted space walks, handled payload and maintenance activities and other operations as needed. Mission specialist qualifications included an advanced degree in engineering, life, physical sciences or mathematics, along with specific age, physical and medical requirements.

On his initial mission in 1984, Stewart and another astronaut were the first to perform an untethered space walk using the manned maneuvering unit, or jet pack, on Space Shuttle *Challenger*. He also took part in a classified military mission in 1985. Altogether Stewart logged 289 hours in space. After he left the astronaut corps, he became a brigadier general and deputy commander of the U.S. Army Strategic Defense Command in Huntsville, Alabama, a predecessor to our current command.

In 1986, the Pentagon established the Military Man in Space program as part of Shuttle operations. The object of the program was to evaluate, through experiments proposed by each uniformed service, ways in which military operations on earth could be improved using space-related facilities and technologies. In 1987, the Army proposed experiments that would improve its war fighting capabilities. During the next six years Army astronauts would conduct several experiments that would determine if imagery taken from a space platform could detect targets from space or could evaluate terrain to make basic observations of ground targets, determine soil color, type, ground cover, and other terrain data. This type data could greatly enhance the Army's use of terrain for tactical movement and employment.



Courtesy Photo

Lt. Col. Robert L. Stewart using a jet pack during an untethered spacewalk on his 1984 mission.

Additionally, lessons learned from the site observations and direct communications between the Shuttle and ground sites were used to determine the Army's communications and observation requirements.

In 1987, as its participation in NASA burgeoned, the Army established an Army Astronaut Detachment at the Johnson Space Center. That same year, the Army formalized its relationship with NASA in a new MOU that governed the assignment of personnel at the astronaut detachment. In 1988, the unit fell under the control of the new U.S. Army Space Command, the Army's central organization for operational space support.

Army astronauts have continued to serve the Army and NASA and have participated in 23 NASA space flights. The most recent was Col. Jeffrey Williams who flew aboard a Russian

Soyuz rocket, along with cosmonaut Pavel Vinogradov to the International Space Station on April 1 2006. Vinogradov, Expedition 13 commander, and Williams, NASA space station science officer and flight engineer, were the 13th International Space Station crew. The mission included over 65 scientific experiments (including some to test human reaction to prolonged space travel) and two successful spacewalks logging over 12 hours wearing both Russian and U.S. spacesuits. The Expedition 13 mission concluded on Sept. 28, 2006 with a safe landing in the steppes of Kazakhstan. Col. Douglas Wheelock has been assigned to Space Shuttle Mission STS-120, which is expected to launch in August 2007.

The USASMDC/ARSTRAT Army Astronaut Detachment currently has five members who are stationed at the Johnson Space Center, Houston Texas.

Schexnayder: Ideas must be developed, cost effective

By Diane Schumacher
SMDC/ARSTRAT
Public Affairs



Michael Schexnayder

REDSTONE ARSENAL, Ala. — Michael C. Schexnayder, deputy to the commander [SMDC/ARSTRAT] for Research, Development and Acquisition, conducted a town hall meeting April 9, here, briefing about a possible reorganization of RDA.

Schexnayder opened the meeting by presenting an award to Tilden M. Clark, program security manager, SMDC/ARSTRAT, who, working with Maj. Nick T. Kioutas and Army Aviation and Missile Research Development and Engineering Center staff, was able to transition the Army Responsive Tactical Space documentation from AMRDEC to SMDC/ARSTRAT in record time — ahead of schedule. Schexnayder then invited Lt. Col. Robert J. Phillips, in the

G-3 Strategy and Policy Division and Garfield Boon, deputy to the principal assistant responsible for contracting to come onto the stage. He presented a coin to each for their work on and presentation of the command briefing to Shaay Assad, director of defense procurement acquisition policy.

Schexnayder then quickly moved to discuss the possible reorganization of RDA.

"We're considering changing the organization," he said as he began the town hall meeting. He used slides and analogies throughout his presentation as ways to better explain his statements.

"The RDA organization is, well, pretty complex," said Schexnayder, as he displayed

the first slide — an organizational chart of all centers, offices and units within SMDC/ARSTRAT.

In order to simplify RDA's organizational structure, "there's a study being conducted to realign organizations within RDA such as Integrated Capability Management, Joint Ventures, Command Analysis and Technical Interoperability and Matrix Center. The new organization would be called Space and Missile Systems Center; no one has been identified as the director," Schexnayder said.

He added that the commanding general (Lt. Gen. Kevin T. Campbell) had not yet been

See **Schexnayder** page 14

U.S. Army Space Command activated

By Mark Hubbs

SMDC/ARSTRAT Historical Office

1985, in many respects, was a pivotal year for U.S. Army Space Command. In that year, Army leaders realized the potential of space.

In January, the Training and Doctrine Command formed a Space Directorate to develop concepts, doctrine and operational requirements to make the best use of space and to support operations.

Vice Chief of Staff of the Army General Maxwell Thurman directed, in May 1985, that an Army Space Initiatives Study be conducted to analyze the Army's role in space and its use of space. Their report, published at the end of the year, recommended the creation of an Army Space Command, as the Army element of the newly formed joint U.S. Space Command (USSPACECOM). The first step had already been made. In September, the small Army liaison staff element at the U.S. Air Force Space Command (AFSPC) was renamed the Army Space Planning Group.

The first Army space organization at Colorado Springs was an Army Staff Field Element founded in 1984 as a liaison office to AFSPC. With the addition of a planning mission in 1985, it became the Army Space Planning Group. It was subsequently activated in 1987 as the Army Space Agency (ASA) as "the foundation of the Army's operational capability in space." The ASA was a field operating agency of the Office of the Deputy Chief of Staff for Operations and Plans and the designated Army Component Command of USSPACECOM. On April 7, 1988, the ASA was reorganized and renamed the U.S. Army Space Command (ARSPACE). The new command retained its predecessor's planning and coordination functions and received added responsibility for the Consolidated Space Operations Center Detachment, the U.S. Army NASA-Johnson Space Center Detachment and three Regional Space Support Centers. ARSPACE assumed an operational role when the Army Signal Command's Defense Satellite Communication System (DSCS) platform and payload control mission was also assigned to the organization.

The original unit insignia of the U.S. Army Space Command, authorized in December 1988, symbolizes the Army's responsibilities for missile defense and strategic defense planning and the significance of satellites in navigation, communications and surveillance.



Directly tied to the Army Staff in the Pentagon, ARSPACE had several roles. It provided USSPACECOM an Army perspective in planning for Department of Defense space systems support to land forces and strategic defense operations to ensure integration of Army requirements.

Initially the command was given five missions. In addition to supporting USSPACECOM as its Army component, it would command the DSCS Operation Centers and manage joint tactical use, plan for the possible fielding and operation of "Strategic Defense System elements and anti-satellite weapons, should the United States choose to deploy them."

The command was also charged with assuring the Army's access and use of space-based capabilities to accomplish the goals of AirLand Battle Doctrine and preparing for personnel and facility growth.

The ARSPACE mission grew in the years leading to the Persian Gulf War. The Army found itself increasingly dependent upon space to conduct its operations. The typical Soldier relied on space-based systems to determine his position, locate the enemy, communicate with friendly forces and fire "smart weapons."

For the Army, space was becoming the new "high ground," an important part of firepower and information dominance on the battlefield. ARSPACE helped in developing or encouraging the use of all the products which provided these capabilities.

Most of these space products were and continue to be transparent to the Soldier on the ground, who often does not know what technologies or organization provides this key assistance.

Part of a New Major Command

On Aug. 24, 1992, the U.S. Army Strategic Defense Command was redesignated the U.S. Army Space and Strategic Defense Command (USASSDC). This General Order also established ARSPACE as a subordinate command of the USASSDC. Also as

"... Desert Storm provided a real test for the command ...

ARSPACE didn't fight the war in the traditional Army sense of fighting and we sure didn't win the war. However, we believe we exposed the Army to the potential of space applications early on, prior to the war, and that exposure assisted the fighters to do their jobs better and easier ..."

— Col. Michael Keaveney
ARSPACE Commander
April 1991

part of the reorganization the USASSDC was designated as the Army's focal point for space in an effort to centralize research and development of space and strategic assets for the benefit of the Soldier in the field. The ARSPACE Commander also became the USASSDC Deputy Commander for Operations.

In the 1990s, ARSPACE missions expanded. The management, planning, and control of DSCS satellite payloads, however, remained the largest mission.

ARSPACE operated and maintained five DSCS Control Facilities (DCFs) around the world. These facilities controlled the satellite links for tactical warfighter communications and strategic communications networks. They also provided payload control to the satellite and technical training and troubleshooting assistance required to ensure maximum support to the user.

Additionally, the DCFs provided platform control and monitored the health and welfare of the payloads for selected satellites in the DSCS constellation. (The Army's DSCS effort was eventually organized as the 1st Satellite Control Battalion and later renamed the 53rd Signal Battalion.) New elements of the ARSPACE mission were the creation of the Army Space Support Teams (ARSSTs) and Commercial Exploitation Teams (CETs).

ARSSTs provide communications, weather, terrain analysis and 3-D visualization, mapping, and satellite coverage analysis capabilities to the commanders on the ground.

The CETs provide similar services by arranging for the use of commercial satellite assets. They are deployed to exercises, contingency operations and combat operations and have provided continual support to our warfighters since Operation Desert Storm.

Rotating ARSSTs and CETs have deployed and remained on station to support operations in Afghanistan and Iraq since December 2002.

A New Name for a New Era

As the new brigades were being stood up, changes were also being made at USSTRATCOM which had an impact on ARSPACE.

Early in 2003 President George W. Bush had signed Change 2 of the 2002 Unified Command Plan. The plan resulted in the merger of U.S. Space Command and U.S. Strategic Command.

Subsequently, U.S. Army Space and Missile Defense Command became the Army Service Component Command to USSTRATCOM and ARSPACE was re-designated as Army Forces Strategic Command (ARSTRAT).

Since that time the entire command has shared the title USASMDC/ARSTRAT. Although the name has changed, the command continues to fulfill the full-spectrum space and missile defense missions for which it was established.



Courtesy photo
24th Infantry Division Soldiers use a global positioning system during operations. GPS is one of the many space products provided to the warfighter.

Safety

TRiPS can assist with travel plans

SMDC/ARSTRAT Safety Office

Leaders have a vested interest and role in ensuring Soldiers return safely from their travels, and Soldiers have an obligation to their buddies and units to return to carry their share of the load.

As the Memorial Holiday approaches, many Soldiers throughout the Army will be driving or motorcycling to visit family and friends. Unfortunately, some Soldiers won't return, and others will return injured.

Leaders are responsible for their Soldiers' well-being on and off duty and are accountable to the Army to maintain trained and combat-ready organizations. These responsibilities can't be met if Soldiers are killed or injured in privately owned vehicle accidents. The fundamental truth is when leaders get involved with their Soldiers' decisions and plans, there are fewer accidents.

In the Combat Readiness Center November-December 2006 issue of *ImpaX* (https://crc.army.mil/Multimedia/magazines/impax/2006_issues/impaxNovDec2006.pdf), three stories were published about close calls during winter holiday travels. All three situations might have been avoided had the Soldiers and leaders done a pre-trip risk assessment. And while Soldiers must accept responsibility for trip planning, leaders must support and mentor their efforts.

The Army Safety Management Information System-2 was created to help prevent POV accidents. This past March, ASMIS-2 was renamed as the Travel Risk Planning System, or TRiPS, and it has been adopted across the Department of Defense for use by the Navy, Marines, Coast Guard and Air Force. The name change and expansion doesn't change the tool's value — providing an automated risk-management tool that encourages leaders and their Soldiers to work together to plan safe road trips. Soldiers will continue to input and receive hazard and risk mitigation information based on their trip specifics, including vehicle type, driver age, destination, seat belt use and more. One new feature under TRiPS, provides supervisors with more oversight that allows them to view the activity of

their subordinates two levels down, thereby expanding leadership engagement and awareness.

Once registered and logged in, users are asked to respond to a series of questions regarding the type of vehicle they'll be driving, their driving background and experience, and the nature of their trip. TRiPS then assigns an initial risk level to the trip and provides users with examples of accidents that occurred on similar trips. Users can then select controls to address the hazards identified in their initial assessment. TRiPS then re-evaluates the hazards and assigns a new risk value for the trip. Once a user submits the assessment, a copy is sent to their designated supervisor for review.

Leader involvement is the key to TRiPS. For example, a Soldier planning a 1,600-mile roundtrip over a four-day weekend may not completely identify all the hazards along the way. An involved leader can help the Soldier come up with effective controls or alternate plans. When the details of a plan are shared with someone else, hidden flaws often become apparent. This one-on-one interaction is critical for TRiPS to be effective. According to Combat Readiness Center statistics, Soldiers and leaders who used ASMIS-2 in fiscal year 2005 were significantly less likely to be involved in a fatal accident than non-users.

Overall, since TRiPS was implemented in the Army as ASMIS in 2004 and to date, more than 1,783,000 Soldier assessments have been completed with only six fatalities reported during assessed trips. Also, since the Navy introduced TRiPS, no fatalities have been reported among the nearly 30,000 Sailors registered for assessments. These statistics show that fatal POV mishaps might be less likely among Servicemembers who use the tool.

SMDC/ARSTRAT Soldiers, prior to going on leave, pass, TDY or PCS, and civilian employees using POVs or rental vehicles on TDY trips, are required to complete TRiPS prior to departing on their planned travel.

For additional information or to register for TRiPS, visit the U.S. Army Combat Readiness Center's Web site at <https://crc.army.mil>.



Top 10 reasons to buckle up

10. My car doesn't have an ejectable canopy.
9. Lying in a hospital for months is not my idea of a vacation.
8. Steering wheels don't make good pillows.
7. I never aspired to be a hood ornament.
6. A wheelchair is not my idea of a hot set of wheels.
5. I always wanted to fly, but not into a tree.
4. Tombstones are not the best way to get the last word.
3. I always hated statistics. The last thing I'd want is to be one.
2. I faint at the sight of blood, especially my own.
1. My family needs me.

(Traffic Safety humor courtesy of the AAA Foundation for Traffic Safety.)

What happens when an unbelted driver crashes into a tree at 55 mph

SMDC/ARSTRAT Safety Office

This is the slow motion, split-second reconstruction of what happens when an unbelted driver crashes into a solid, immovable tree at 55 mph.

Two-tenths of a second: The hood crumbles as it rises, smashing into the windshield. Spinning rear wheels leave the ground. The front fenders come into contact with the tree, forcing the rear parts out over the front door. The heavy structural members of the car begin to act as a brake on the terrific forward momentum of the 2 1/2-ton car. But the driver's body continues to move forward at the vehicle's original speed (20 times normal force of

gravity, his body weight is approximately 3,200 pounds).

His legs ramrod straight and snap at the knee joints.

Three-tenths of a second: The driver's body is now off the seat, torso upright, broken knees pressing against the dashboard. The plastic and steel frame of the steering column begins to bend under his terrible death grip. His head is now near the sun visor, his chest above the steering column.

Four-tenths of a second: The car's front 24 inches have been

demolished, but the rear end is still traveling at an estimated speed of 35 mph. The body of the driver is still traveling 55 mph. The rear end of the car, like a bucking horse, raises high enough to scrape bark off low branches.

Five-tenths of a second: The driver's near-frozen hands bend the steering column into an almost vertical position. The force of gravity crushes his chest against the steering wheel, rupturing arteries. Blood spurts into his lungs.

Six-tenths of a second: The

driver's feet are ripped from his shoes. The brake pedal shears off at the floor board. The chassis bends in the middle, shearing body bolts. The driver's head smashes into the windshield. The rear of the car begins its downward fall, spinning wheels digging into the ground.

Seven-tenths of a second: The entire writhing body of the car is forced out of shape. Hinges tear, doors spring open. In one last convulsion, the seat rams forward, pinning the driver against the cruel steel of the steering shaft. Blood leaps from his mouth; shock has frozen his heart. The driver is now dead.

Elapsed — only seven-tenths of a second.



Commanding General visits Alpha Company

By Pfc. Benjamin Arthaud
Unit reporter

FORT DETRICK, Md. — Members of Alpha Company, 53rd Signal Battalion, literally had “stars” in their eyes as Lt. Gen. Kevin T. Campbell, commanding general of the U.S. Army Space and Missile Defense Command/U.S. Army Forces Strategic Command made a visit to their site March 12.

Speaking to the Soldiers on the operations floor, Campbell expressed his appreciation to the dedicated communicators of Alpha Company, stating that when he had been deployed down-range, the long-haul communication systems “just worked when we needed them to.”

He acknowledged that earlier in his career he was not fully aware of the intricacies inherent in the satellite communications process and the number of Soldiers involved in keeping those communication links maintained.

Hearing of Campbell’s personal experience made a big impact on those present on the operations floor.

“Sometimes it is hard to feel connected with the users we support while we perform the same mission, in the same building day in and day out; the interaction just isn’t there,” said Spc. Mark Tucker. “Hearing General Campbell talk about how much [the deployed Soldiers] depend on us reminded me just how critical our mission is.”

Soldiers from 1st Squad prepared and presented concise briefs on the multiple wideband control positions.

“General Campbell’s visit allowed Alpha Company the opportunity to show the commander what we do for day-to-day operations and how our efforts here make communications possible for the Soldiers deployed down-range,” said Staff Sgt. Joshua Pierce, 1st Squad Leader. “I was extremely proud of our Soldiers as they briefed General Campbell.”

Campbell also took the time to speak with each of the Soldiers working the operations floor that day, gaining perspective on the issues and opinions on various topics such as housing, health care and work schedules.

“General Campbell was personable and genuinely interested in the Soldier’s lives and their family’s welfare,” said Spc. Michael Hopper.

Although the general’s time at Fort Detrick was brief, the Soldiers believe he left with a greater understanding of the tasks and challenges which individuals under his command experience every day.

As military communication systems evolve, Soldiers of Alpha Company and the 53rd Signal Battalion will continue to adapt and provide continuous support to the men and women serving this country.



Photo by Diane Schumacher

Bill Daniels, a network systems analyst in SMDC/ARSTRAT FWC, operates a joystick on a simulated F-16 cockpit during an Amalgam Arrow exercise.

Command participates in joint exercise

By Diane Schumacher
SMDC/ARSTRAT Public Affairs

REDSTONE ARSENAL, Ala. — Since Sept. 11, 2001 a series of military field training exercises and command post exercises are held annually across the nation, where the services jointly practice and test their operations combating attacks inside the borders of the continental United States.

These simulated “games” are titled Exercise Amalgam Arrow and are conducted to prepare NORAD (the North American Aerospace Defense command) and other national agencies, at all levels, to respond to hostile airborne attacks against the nation, said Lee T. Smith, modeling and simulation manager in the Integrated Force Protection Security Center for Raytheon’s Integrated Defense Systems. Smith is a contractor working in U.S. Army Space and Missile Defense Command/U.S. Army Forces Strategic Command’s Future Warfare Center.

SMDC/ARSTRAT has participated in this exercise twice now, in April 2006 and March this year.

“SMDC has been involved for the last two years,” said Charlie Wilcox, project manager in FWC.

FWC’s participation has resulted in much better representation of ground-based air defense systems in the joint exercises, said Col. David K. Cox, deputy director of FWC.

Smith and Wilcox were in charge of ensuring the Simulation Center’s communication integration, with the service participants working continuously during Amalgam Arrow. Preparatory events and testing were conducted March 19-23 with final exercises taking place March 29.

There was an extensive list of military players and a few federal government agencies that participated, including the U.S. Air Force, U.S. Navy and the U.S. Coast Guard.

Specifically, Army participants included the FWC (Simulation Center), a Patriot unit from 32d AAMDC (Army Air and Missile Defense Command), the 263rd AAMDC (South Carolina’s Army National Guard) and the 164th Air Defense Artillery Brigade (Florida’s Army national Guard). The NCR’s (National Capitol Region) command center also participated with the FBI, CIA, TSA, and D.C. police and firefighters involved.

Participating units operated from home bases in Washington, D.C., Texas, Maryland, South Carolina, and other states. There were a total of 16 locations involved. Operating with distributed simulation systems instead of everyone going on temporary duty to one location, enabled all

agencies to save a large amount of funding, said Smith.

The Air Force simulated F-16s, the Coast Guard simulated helicopters (HH-65), and the Navy simulated an unmanned aerial vehicle (UAV) and an AEGIS cruiser. The Pentagon’s participants also simulated a UAV and operated the video teleconference center for viewers of the final exercise scenarios.

SMDC/ARSTRAT provided a simulation hub for the exercise ARSTRAT with a mission to provide a highly realistic scenario for participating units and agencies defending the United States against asymmetric air and cruise missile threats, said Cox. Sensor feeds and command and control systems were provided by SMDC/ARSTRAT and those working in the Simulation Center here continuously checked both simulation and battle management communications to ensure integrated systems functioned at all times, Cox added.

FWC designed the communication integration software, Smith said. The software enabled the various services to communicate with each other, sensors and weapons to communicate and the represented federal agencies such as the Coast Guard to communicate with the services. During the preparatory train up activities, FWC also operated threat UAVs [simulators], Smith added.

“In any real war situation, there will no doubt be communication failures, so the exercises are to ensure [redundant capabilities are available] and prove the software is fully integrated, said Smith. “The players are using the programs as if [the various scenarios] were occurring in real-time.”

The exercise involved different situations of potential terrorist air attacks and unidentified airborne aircraft on the west and east coasts of the United States. Although all weapons, aircraft and a cruiser were simulated, qualified weapon operators and Air Force pilots manned simulator control stations. Cockpit and weapon instruments were designed to operate as actual systems and/or virtual or constructive simulations taking place over a network with a goal of humans making strategic decisions as they used the simulators.

Participating warfighters were airmen, Soldiers, Sailors, Marines and Coasties from active and reserve components. Even the Red Switch Network (secure telephone) was represented through tactical voice and data circuits, Smith said.

See *Amalgam* on page 13

Borrowed satellite keeps mission going

By Sgt. Vicente Gonzalez
Unit reporter

FORT BUCKNER, OKINAWA, Japan — Recently, Echo Company had to borrow an AN/GSC-52 satellite terminal. This restoral terminal, or R/T, is being used to support the ongoing mission during regularly scheduled RADOME maintenance at Fort Buckner's Wideband Satellite Operations Center and Satellite Communications facilities.

The R/T which is one of only four in the world has traveled extensively since it was put into service in support of the AN/GSC-52 modernization program in 2000. Most recently, the terminal was on Kwajalein Atoll before it made the ocean voyage to Okinawa, Japan.

The R/T arrived on a rainy February day; the crew of installers wasted no time and got right to work on the setup of

the terminal. After assembling the 20-foot dish, about a day-and-a-half process, everyone's attention turned to connecting the dozens of cables and other pieces equipment needed to operate and monitor the satellite terminal. After only a few days, the R/T was online and fully mission capable.

Echo Company Soldiers in conjunction with civilian contractors diligently man the terminal 24 hours a day, and are able to receive up-to-the-minute status and performance data via a remote computer terminal placed on the operations floor.

Though the R/T is only slated to be on Okinawa for a short time, the hard working Soldiers of Echo Company 53rd Signal Battalion are making every effort to gain experience from equipment associated with the AN/GSC-52 satellite terminal.



Photo by Capt. Todd M. Vick

Installers put the finishing touches on the restoral terminal next to the Echo Company Wideband Satellite Operations Center on Fort Buckner, Okinawa, Japan. The borrowed satellite terminal, which has traveled extensively since it was put into service, was most recently on Kwajalein Atoll before making the ocean voyage to Okinawa.

Soldiers get close up of Wideband Gap Satellite

By Sgt. Justin Brock, Unit reporter

CAMP ROBERTS, Calif. — Eight Soldiers from Delta Company, 53rd Signal Battalion, including four Soldiers from Support Platoon, took a trip out to the Boeing facility near Los Angeles International Airport. The purpose of the trip was to tour the facility and get a close up of the Wideband Global Satellite.

"It's great that I had an opportunity to visit the facility and put the size of the bus into perspective," explained Spc. Paul Preston.

There are three WGSs being assembled at Boeing, one of those three was undergoing final testing prior to its scheduled launch.

For some of the Soldiers, this was the first time they became familiar with

satellite communications, let alone getting to see actual satellites projected on going into orbit to eventually be controlled by the battalion. The company's supply noncommissioned officers Sgt. Joseph Mason and Staff Sgt. Maya Harris and personnel actions clerk Sgt. Genoveva Gonzales were among the Soldiers who went on the tour. "It was really great. We were almost in arms reach of the satellites," commented Harris.

Prior to the tour, the company's operations analyst Steve Wikoff, platoon sergeant, Sgt. 1st Class Alfred Martinez and training NCO Sgt. Justin Brock gave the Support Platoon Soldiers a class introducing them to basic satellite communications principles. The block of instruction and tour were designed to give these Soldiers an idea on how important their

support to the mission is even with everyday things like submitting a pay inquiry or replenishing the PLL, or prescribed load list, stocks.

The Soldiers also visited a Gapfiller Satellite Configuration Control Element computer lab at the Raytheon facility located nearby to see some of the new equipment and software being installed at the Wideband Satellite Operation Centers for the WGSs, but unfortunately, the system was down because of a software bug.

1st Sgt. Mark Gehrt commented on the training saying, "It is a great opportunity we have being so close to [the Boeing facility], and being able to show our Soldiers something very few satellite controllers and support personnel ever get to see."

Amalgam continued from page 12

According to slides provided during the preparatory exercises, the Distributed Mission Operations of Air Defense Artillery has several goals. DMO-ADA is a distributed training simulation representation of the homeland air defense system that incorporates joint sensors, weapon systems and battle management systems from the national command authority down to the weapon operators.

A goal was to design, build and execute an NCR and deployable homeland air and cruise missile defense DMO infrastructure to train the execution portion of a joint (interagency) integrated air defense system. A second goal was to provide a distributed live, virtual and constructive simulation environment to support training and to assess the doctrine and tactics, techniques and procedures for Homeland air and cruise missile defense. The third goal was to provide testbed support for current and future integrated and joint air and missile defense evaluations of

operations, concepts of operation as well as TTP development, and risk reduction assessments.

"The exercise went very well," said Cox who observed the exercise from the 263rd AAMDC in Anderson, S.C. "The train up and live event were well executed by the Servicemembers that I observed in the Joint Air Defense Operations Center. The Task Force commander was very appreciative of the extensive support provided by SMDC to enable this exercise," he continued.

In the final exercise, there was a communication breakdown at one of the home bases, forcing the "battle staff to go to alternate communication means during the exercise which was a realistic procedure to execute and still accomplish the mission," said Cox.

"Homeland air and cruise missile defense is a challenging mission and these types of exercises are critical training that will lead to successful execution against potential threats," said Cox.

"SMDC is ready to go if a real-time threat occurs, Cox concluded.



Photo by Capt. Matthew Kisner

Wishing a fond farewell

Capt. Jermaine Sutton (left), commander, Bravo Company, 53rd Signal Battalion, Fort Meade, Md., presented Bravo Company 1st Sgt. Lucin Crawford with his Certificate of Retirement, honoring 21 years of honorable service in the United States Army. On Feb. 15, Bravo Company held a retirement ceremony for Crawford. He enlisted in October 1985 as a fixed station technical controller, serving in numerous locations around the world including more than 10 years of duty overseas. Crawford will engage the next chapter of his life in Washington, where he will retire with his wife Patricia.

Soldiers tour Germany to increase fitness

By Sgt. John Bittner, Unit reporter

LANDSTUHL, Germany — Physical fitness is an important part of the Army life. Soldiers must be in shape to fight. Although physical fitness is not always fun, some Army programs have a way of making what can be painful for some at least a little bit enjoyable.

Charlie Company, 53rd Signal Battalion, Landstuhl, Germany, has instituted an innovative voluntary incentive program to help Soldiers excel and meet the Army's physical fitness requirements.

The program is called the Tour Around Germany (TAG) and is loosely modeled after the Presidential Running Incentive Program. The program consists of Soldiers accumulating running and walking distances equaling distances between major German cities. The goal of the program is for a Soldier to complete the entire Tour Around Germany in one year. The total distance of the Tour Around Germany is 1000 miles. Soldiers start at the Operational Center in Landstuhl, Germany, and travel symbolically to the most famous destinations in Germany.

They will pass through cities like Mannheim, where Karl Benz invented and drove the world's first automobile in 1885. They will also pass through places like Stuttgart, where the U.S. European Command is headquartered; Munich, the capital of Bavaria; Nuremberg, where the Nazi Party had their conventions and later their trials for the Holocaust; and Berlin, the capital of Germany, and the site of the famous 1936 Olympics where Jesse Owens won four gold medals in track and field for the United States, and defied Adolph Hitler's belief that African-American people were inferior to his "Aryan race."

Along the way, Soldiers are able to plot

their progress on a giant map of Germany and learn some history and culture as well. Soldiers receive a patch and milestone awards as they reach certain distances.

The hardest event of the Army Physical Fitness Test (APFT) is generally the two mile run. This program was developed by "outside-the-box thinking," and provides Soldiers with some positive motivation and incentive to increase their cardiovascular fitness. This will also help Soldiers improve their Army Physical Fitness Test scores.

Each Soldier has a log sheet to tally distances they have walked or run. Many Soldiers take part in volksmarches in Germany that are a form of non-competitive fitness walking. The typical walk is 10 kilometers (6.2 miles), but can be more on an outdoor path, and is usually town sponsored.

Completing a volksmarch gives Soldiers in the TAG program an advantage. Charlie Company 1st Sgt. Martin Chaffee has completed numerous volksmarches since the inception of the Tour Around Germany and is currently in first place in the TAG program for 2007, greatly because of his volksmarching miles.

Soldiers are also encouraged to track time that they are on cardio machines like stationary bikes and elliptical machines and count time blocks as miles for the program. Staff Sgt. Darren Haynes, operations platoon sergeant for Charlie Company said, "Everything is calculated that can add to a Soldier's overall cardio fitness. Our goal is to give Soldiers some type of incentive that makes them want to run, walk, play basketball, or even go on a volksmarch. These things will all add to the success of the individual Soldier, and the success of the unit as a whole."



Photo by Staff Sgt. Daniel Kivlehen

Charlie Company Soldiers participate in a recent volksmarch while earning miles for the Tour Around Germany.



Courtesy photo

SMDC/ARSTRAT civilian receives Meritorious Civilian Service Award

John T. Marrs (center) receives a Meritorious Civilian Service Award from Dr. Charles E. McQueary, the director of the Office of Operation Test and Evaluation within the Office of the Secretary of Defense. Marrs was detailed out of U.S. Army Space and Missile Defense Command/Army Forces Strategic Command (SMDC/ARSTRAT) for three years to work as the technical director for Joint Space Control Operations — Negations Joint Test and Evaluation. The chartered OSD project was to improve tactics, techniques and procedures as well as command and control processes in the space control negation mission area. SMDC/ARSTRAT further participated by providing several military officers full time during the project's life. The project concluded March 30, and Marrs returned to his original job in Colorado Springs, Colo. Marrs' wife Sharon stands with him.

Schexnayder

continued from page 9

briefed on any details of the study. If the study is approved by the command, it will go to the union (American Federation of Government Employees) for their input and recommendations.

Schexnayder also discussed an operating concept that has been implemented that is similar to the concept of a military task force organization. Qualified individuals will be pulled into staff a number of task forces to conduct high priority programs. When the task is complete the individuals each return to their administrative home organization, Schexnayder explained.

The idea is to not constantly change SMDC/ARSTRAT's TDA, he said. [The Table of Distribution and Allowances is an approved document that authorizes the positions (type of jobs, i.e., one secretary,

two program analysts, five bioengineers, etc.) in an organization, how many people are authorized to fill each job and how many are actually employed in each job.]

He went on to talk about lean six sigma. He explained that LSS is business. It's about saving money, being more efficient and having value added activity in a business, he said. LSS for SMDC/ARSTRAT, to include U.S. Army Kwajalein Atoll, covers activities such as mandatory training, contractor travel and intra-atoll transportation.

Recently, it was discovered that \$700K could be saved annually from the leased commercial satellites by recently negotiated rates to the provider of the commercial communication satellite used by USAKA/Reagan Test Site said Schexnayder. Fees for commercial satellite leasing had come down in pricing but no one knew it at

SMDC/ARSTRAT until it was discovered during discussions with the Defense Information Systems Agency. The discovery of such a large savings proved continued use of LSS is necessary.

Schexnayder also presented a slide from Missile Defense Agency about their reengineering implementation plan. Stated on the slide was, "Huntsville will become the 'center of gravity' for integration of BMDS [Ballistic Missile Defense Systems] development, test and fielding activities." Schexnayder said he felt this will happen sooner, rather than later. The Base Realignment and Closure legislation requires MDA to complete their move to Huntsville and Redstone Arsenal by 2011.

However, the slide also showed that MDA's strategic guidance and program control will continue to take place in the National Capitol Region.

Fourteen year old takes to the woods for big payoff

Story by Spc. Michael Cost
Public Affairs Specialist

COLORADO SPRINGS, Colo. — Taking down a target from 200 meters is a sign that training has paid off. Payoff for Soldiers is a good qualification score. For Hayden Murray, 14-year-old son of Sgt. 1st Class Kale Murray, missile defense systems operator for the 100th Missile Defense Brigade (Ground-based Midcourse Defense) here, the payoff was a magnificent trophy and a stockpile of elk meat — the getting of which was no child's play.

It all started when the senior Murray, along with Sgt. 1st Class Joe Winsor, a former member of the brigade, hiked around the San Isabel National Forest near Monarch Ski Area for five days hunting elk during archery season in 2006. "Joe and I found a chokepoint in a canyon where there had been a heavy crossing of elk, and it even *smelled* like elk," said Murray. "It was then I realized where I was going to take my son hunting."

Getting to the area a day before the opening of rifle season for bulls, Kale and his son roamed the area a little more. "We were spotting with scopes and binoculars when we saw seven or eight elk so we waited until the next morning and went out," said the father.

"We woke up at four in the morning; it was cold and there was snow on the ground," said Kale. Hayden and his dad rode an all-terrain-vehicle to a trailhead where they had no choice but to get off the ATV and make the rest of the trip on foot. Hiking for approximately two miles, they found the spot they'd surveyed the day before.

After walking around for a couple of hours, the clock read approximately one in the afternoon. There was a light snow falling and Hayden and

his father decided to stop and set up a position. They situated the shooting sticks on which the 270 caliber rifle would rest. Not long after this, having barely enough time to sit down, they spotted a small bull in a draw in the woods.

"I switched from safety to fire, and I was nice and calm when all of a sudden, my dad spotted a larger bull — so we watched him for a while," said Hayden. "I got a good sight picture on the bigger bull and moved my finger to the fire switch again, had a good shot ready — when a calf stepped in front of him."

The hunting duo went mobile again and followed a small pack of elk trying to locate the bigger bull Hayden had in his sights just minutes before. "It had started to snow pretty badly, and our patience was starting to run out. But still literally every step we took, we would stop and listen for elk," said the junior Murray. They popped their heads over a ridge and spotted eight to ten elk that immediately saw them and took off running. "It was the craziest thing I'd ever seen in my life, the elk were running straight up the side of a cliff as if they were mountain goats. It was crazy."

The father and son team sprinted about 45 yards to catch up as much as possible and found a spot to set up for the shot. Hayden proceeded to prop the weapon on his father's shoulder due to lack of time for setting up the shooting sticks. The rifle fell off the senior Murray's shoulder, which left his son trying to take the shot without any support. "My dad was saying something, but I couldn't really hear him because my heart was just pounding at this point," said Hayden. "Turns out my dad was telling me to shoot the bigger bull," he added.

After looking around a little



Photo by Spc. Michael Cost

Sgt. 1st Class Kale Murray, a missile defense crew member for the 100th Missile Defense Brigade, and son Hayden stand linked by the trophy Hayden bagged in October. The elk, a ten pointer, is something Hayden and his father will be proud of for years to come.

bit, Hayden could see horns and just pulled the trigger. "I could tell I'd hit him from the reaction of the elk; he was limping," Hayden said. "After taking the shot, I turned around, and I remember the look on my dad's face was like ... 'Oh my God,'" said young Murray. "My dad said to shoot it again so I took a second, then a third shot. The second struck the bull in the right rear shoulder but the third missed."

The bull ended up being a five by five (otherwise known as a ten-pointer in hunting terminology) and of a pretty good size, providing plenty of meat and an outstanding trophy which will soon take place of honor on a Murray household wall.

After such an intense afternoon and its payoff, most hunters would be happy to call it a year and enjoy the fruits of their labor by making some good jerky and relaxing next to the fire, but not Hayden. He

proceeded to get two more deer that season. One he took down a week to the day after the trophy elk. The other was a doe he got during Thanksgiving vacation in Texas while visiting family.

Hayden's grandfather hunted, and the sport has been passed down through the generations like an old pocket watch. The senior Murray taught Hayden to hunt between ages six and seven and Hayden took his first target at age eight.

A safe assumption would be that the Murray family is eating well this year, but one thing crystal clear is the training that Sgt. 1st Class Kale Murray gave his son before taking him hunting was on point. Hayden scored huge in his dad's opinion because of "good ethical hunting" and dedication.

Hayden will be back next year, so the elk need to come to the woods a little better prepared.



Terry Moran, co-anchor ABC News *Nightline*, listens intently as Lt. Col. Edward Hildreth, commander, 49th Missile Defense Battalion, Alaska Army National Guard, guides him through a scenario on the ground-based missile defense systems trainer (GST). The GST trains warfighters at the battalion with high fidelity simulations to train and practice conducting missile defense battle drills against a limited Intercontinental Ballistic Missile threat. The *Nightline* crew received the first ever media access into the Readiness and Control Building where the fire direction crews man the missile defense system on the Missile Defense Complex.

ABC News *Nightline* visits Missile Defense Complex



Photos by Sgt. Jack W. Carlson III

Moran interviews Richard Stillie, store director, Fort Greely Commissary, on the challenges he faces operating a store in the Fort Greely area. Because of its remote location, inclement weather can delay trucks causing shipments to the store to be late.



Photos by Sgt. Jason Avila

Spc. William Reinhart delivers another punishing kick-off after Delta Company scores their third touchdown.



Charlie Company 302 Signal Battalion Soldiers knock out 50 push-ups after losing to Delta Company 53rd Signal Battalion.

Delta Company bags 24-6 win with 'hail Mary' pass

By Spc. Kenneth Squire
Unit reporter

CAMP ROBERTS, Calif. — They say that the ball is oval-shaped and that anything can happen in football. It is the unpredict-ability of football that adds an element of surprise to the game.

It was David vs. Goliath as Delta Company Diablos competed against the Charlie Company Outlaws from the 302nd Signal Battalion. Idealists and romanticists will always root for the underdog. That's why Rocky films are so popular. But this was reality, not fiction, and Delta Company Soldiers were viewed as having less talent and size than those from

Charlie Company. The Diablos or the "Underestimated Underdogs" were set to battle the Outlaws in the first "Robert's Bowl" held here.

On a pleasant winter afternoon a "friendly" game of flag football commenced. There were no salaries on the line; there were no rings to earn, just pride and bragging rights.

The Diablos had been anticipating and practicing for the game for over a month, and were lead onto the field by coach, Spc. Nathaniel Hoekje. Onlookers not only included Soldiers and their families, but also civilian contractors who showed up to support their military counterparts.

The Diablos got off to a slow

start and within five minutes of the first half the Outlaws had a six point lead, but the momentum would soon change for the underdogs. Before the first half ended, the Diablos middle linebacker, Sgt. Jason Avila, intercepted a fourth and goal pass and ran it in for a touchdown. Spc. Roy Morales successfully completed a two point conversion to give the Diablos an 8-6 lead.

The second half began on a similar note. After a fourth and goal turnover, the Diablos now had the ball at their own 10-yard line. A few yards later and now facing third down, Morales threw a "hail Mary" pass to Sgt. Robert Fletcher for a 40-yard touchdown, and the

remainder of the half belonged to the Diablos.

Their defense solidified, holding the outlaws scoreless. As Morales put it, "Sergeant Bailey from Charlie Company threw more interceptions than Brett Favre."

Meanwhile the offense started to find its stride reaching the end-zone two more times. When the final whistle blew, the underdogs prevailed with a final score of 24-6.

Good sportsmanship was displayed all around as Soldiers from both companies laughed, shook hands, and enjoyed the rest of their afternoon. The underdog flourished and triumphed with the right attitude.

A control warrior gathering, fundraiser

Charlie Company, 53rd Signal Battalion

LANDSTUHL, Germany — In January, the control warriors were thinking of some fundraising ideas to help the newly formed FAT2PHAT program. One constant idea that kept coming up was an eight-pin, no-tap bowling tournament for Soldiers and family members with a cash prize going to the winner.

Once deciding upon bowling as the fundraiser, Sgt. David Etheredge took on

the responsibility of handling the legwork. Once the date was set, the lane reserved and the prices determined, everything was ready to go. Flyers were created and sent out and the only thing left to do was wait for the event.

On game night, it seemed like Soldiers and spouses alike came in with their game faces on. Even the control warrior kids got in on the action with two bumper lanes set up just for them. The rules were simple, everyone would bowl three games

and the totals from those games would determine who would make it to the one-game playoff for the money. Only the top half of the 27-player field would make it.

1st Sgt. Martin Chaffee led the way with a 714 series that easily put him into the finals. After the field of 13 was determined, the last game began with the high score taking the \$50 prize. It was not even close. Chaffee blew out the competition with a score of 275, with the next highest score a 202. Chaffee's prediction of winning the tournament became reality, and in true first sergeant fashion, he donated the prize money back to the FAT2PHAT program.

Success never smelled so sweet ... esprit de corps for the company and \$265 for a great program. What a way to end the day.



Photos by Brittany Chaffee

Pfc. Bench goes for the Strike: Pfc. John Bench hopes for better luck than his neighbor Spc. Jason Stevens.



The unstoppable duo of 1st Sgt. Martin Chaffee and his ball FEAR win the championship at the bowling tournament.