

Message from THE COMMANDER



Brig. Gen. Bruce T. Crawford

For 239 years, the U.S. Army has defended this great nation and the flag that we fly with pride. Our Army continues to demonstrate its incredible resilience, competence, enduring commitment and extraordinary character in our country's defense. Because of the effort and sacrifice of both those who came before us and those who currently serve, we are blessed with the fortune of celebrating 239 years of the Army profession.

The foundation of our Army grew from humble beginnings when a group of courageous New England colonists united to form a militia and revolt against one of the greatest fighting forces of its time—the British Army. These militia did not have formal military instruction—they were farmers, laborers, and tradesmen. They drew their strength not from being the most well trained or well equipped, but from their innate desire for freedom—freedom from oppression, freedom from tyranny, and freedom to create their own destiny. These militia embodied the fundamentals of our Army profession.

Our profession is guided by the seven core Army values. The values of Loyalty, Duty, Respect, Selfless Service, Honor, Integrity, and Personal Courage are not just meant to be memorized or even practiced, but embodied. These values serve as the moral compass of character when we need direction. They shine a beacon of light when the path is unclear. They are the foundation of high, moral character. They are the building blocks of Army professionals who can Stand Strong with character and pride.

Character, commitment, and competence are the three C's that represent the hallmarks of an Army professional.

Exhibiting character means possessing high moral and ethical qualities. It means doing the right thing, in the most challenging circumstances—even when no one is looking. Character is shown in the dedication to our values as demonstrated in our everyday decisions and actions

Competence means learning, acquiring the necessary skill sets, and accomplishing a mission with discipline and to a standard.

Commitment comes from the resolve of Army professionals to contribute honorable service to the nation, to perform their duties with discipline and to standards, and to strive to successfully and ethically accomplish the mission despite adversity, obstacles, and challenges.

Our Army continues this long tradition of professionalism in nearly 150 locations worldwide. As part of the Joint Force, the Army provides the versatility, responsiveness, and consistency to prevent, shape, and win with formations that are globally responsive, and regionally engaged.

We serve as a total force, a team of teams – Active, Guard, Reserve, civilians, Families, and contractors – we share the same professional ethic. And, we serve for the love of our country and our freedom. As Army professionals, we must sustain and strengthen the nation's trust and confidence in America's Army.

Being Army professionals is what we do, 24 hours a day, 365 days a year. But we do not do it alone. Behind every Soldier and every civilian, are our families who are our source of our strength and support. While our Soldiers and civilians may be the face on the front, it's the spouses, parents, sons and daughters who are holding it together behind the scenes and on the home front.

As professionals, it is very important that we never forget why we chose to serve. In most cases, it was about being a part of something bigger than ourselves in defense of this great nation. These are the reasons we remain a beacon of hope for all to follow. They are the reasons we remain the absolute most respected profession on Earth...the profession of arms.

As America's Soldiers, civilians, and Families commemorate this historic week in our Army's history, let us remember both those currently standing guard and those brave souls and their loved ones who sacrificed to preserve and protect all we hold dear over the last two hundred and thirty-nine years.

Army Strong!



Brig. Gen. Bruce T. Crawford, Aberdeen Proving Ground (APG) senior mission commander and commanding general, U.S. Army Communications-Electronics Command, provides remarks to the audience at the Team APG 239th Army Birthday celebration held at the installation on Thursday, June 12. (Official U.S. Army photo by Sean Kief, Aberdeen Proving Ground Garrison photographer)

.....➤ **cover story continued**

Communications-Electronics Command, spoke to the audience after the performance and reflected on the Army profession.

“To stand strong as an Army professional means to uphold the trust of our institution and the American people. As professionals, it is very important that we never forget why we chose to serve,” said Crawford.

Crawford then led a birthday cake cutting with a saber and was assisted by CECOM Command Sgt. Maj. Kennis Dent; Pvt. 1st Class, Stacy Dobson, national anthem vocalist for the ceremony; James Amato, director of Army Materiel Systems Analysis Activity; the installation’s oldest Soldier, Lt. Col. Joseph K. Llanos, command surgeon, Chemical Materials Activity; and the installation’s youngest Soldier, Pvt. Daniel J. Crouse, 20th CBRNE Command (Chemical, Biological, Radiological, Nuclear, Explosive).

The official date of the Army birthday is June 14, 2014. The Army was established on June 14, 1775 by the Continental Congress.



(Left to right) Brig. Gen. Bruce T. Crawford, commanding general U.S. Army Communications-Electronics Command, cuts the birthday cake along with Pvt. 1st Class Stacy Dobson, national anthem vocalist for the ceremony, (back row) James Amato, director of Army Materiel Systems Analysis Activity, (center) Lt. Col. Joseph K. Llanos, command surgeon, Chemical Materials Activity, (second from right) the installation’s youngest Soldier, Pvt. Daniel J. Crouse, 20th CBRNE Command (Chemical, Biological, Radiological, Nuclear, Explosive) and (far right) CECOM Command Sgt. Maj. Kennis Dent. (Official U.S. Army photo by Sean Kief, Aberdeen Proving Ground Garrison photographer)



The Old Guard Fife and Drum Corps, from Fort Myer, Va., performed a musical ensemble during the Aberdeen Proving Ground 239th Army birthday celebration held on Thursday, June 12, on the installation. The corps wear the style of uniforms worn by Gen. George Washington’s musicians in the Continental Army and perform with fifes, drums, and bugles. The corps has travelled across the country as well as overseas, participating in parades, special events, and historical celebrations. (Official U.S. Army photo by Sean Kief, Aberdeen Proving Ground Garrison photographer)



Sgt. Maj. Kennis J. Dent

For 239 years the United States Army has served the nation, fueled with an unrivaled valor and esprit de corps of the Soldiers and civilians within its ranks. The commitment of service is why we join together every year, in groups large and small, to celebrate our birthday and reflect on the proud legacy that we share. Uniting together as Army professionals of a global force, it is you, the Soldiers, civilians and contractors of the Communications-Electronics Command (CECOM), whose ethos and dedication to duty continually lead this command to mission success. While we may be separated in our celebrations this month, I remain ever aware that it is your unwavering diligence to our overarching task that I am truly saluting.

Whether you're located in Seoul, South Korea with the Information Systems Engineering Command's Field Office or at Fort Bragg, N.C., with the Logistics and Readiness Center's newest Signal University, each individual role is unequivocally vital to CECOM's larger responsibility. As your command sergeant major, I'm continually proud to be part of a team whose conduct reflects such high levels of personal values and service to our country. Thank you.

As Army professionals, it is our duty to continue to render ourselves honorably and stand strong in our quest for trust and stewardship toward one another. It's important that as we seek these values individually, we remain diligent in our support of a ready and resilient team. Over the past few years, through training, acronyms like SHARP (Sexual Harassment Assault Response and Prevention) and PTSD

COMMAND SERGEANT MAJOR'S PERSPECTIVE

(Post Traumatic Stress Disorder) have become part of our everyday vocabulary. Although it's a month of Army wide celebration (Hooah!), we still need remain steadfast in our commitment of educating and supporting our Soldiers and the Families. In turn, I offer the following thoughts to keep our unit strong for yet another year:

-Remain the force behind the fight. It is imperative that every single one of us maintains a responsibility to help reduce sexual assault and create a positive workplace for all. The safety of every single Soldier, civilian, contractor or family member within CECOM must be protected from sexual violence and every victim must feel free to report without fear of reprisal. I want each of you to feel confident that your chain of command will handle complaints quickly and that our system will deliver justice, protection and privacy throughout the process. Eliminating sexual violence requires a cultural change; a mindset that we must all remain committed to. I challenge each of you to assist in fostering an environment of dignity and respect in our adherence to the principles of SHARP throughout our daily activities.

-Exercise your mind and your body. June is National Men's Health month and serves as an excellent reminder to all to make sure we're mentally and physically prepared for the daily tasks we undertake. Stress can take its toll on even the strongest individual and we need to discipline ourselves while at the same time ensuring we're taking care of our bodies and minds. If you haven't been to the doctor for your annual physical this year, schedule it. If you've been avoiding the gym with excuses, carve out 30 minutes to an hour and go. If you're feeling overwhelmed, tell someone now. The military offers many resources to keep our personnel healthy and strong and they all work to support you; be proactive in your request for assistance. Remember, asking for

help is not a sign of weakness, but a sign of great strength.

-Prioritize your training. As I previously mentioned, the CECOM standard of excellence, in every facet of our work, is what distinguishes us as consummate professionals throughout the Army. We must remain ready and resilient to the challenges of our demanding professions in order to yield positive results. Know your capabilities, your strengths, and your weaknesses and seek out development opportunities that enhance your skilled vocation. Develop a training plan with your supervisor and research the plethora of opportunities that CECOM offers. Many of our courses offered on site have been tailored to the needs of our evolving CECOM workforce. For example, the APG Senior Leadership Cohort, Skills for First Line Supervisors, Emerging Leaders, Army Logistics University and the Army Office Development Program are all available, in addition to online training programs. If you need to complete certification that will help you progress to the next promotion level, don't procrastinate because those who fail to prepare; prepare to fail.

Every individual success serves as a vital contributor to the larger CECOM team and overall Army strength. Every Soldier, civilian and contractor should pride themselves on their service to our nation and know what a privilege it is to assist in the defense of her shores. After 239 years, she stands strong because of individuals like you - a responsibility not to be taken lightly. Therefore, I hope every one of you takes a moment to rejoice in the Army birthday celebrations occurring at your location. Enjoy a piece of cake, laugh with your brethren and then get back to work! Your comrades and your country need you.

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Ever vigilant and Army Strong!

THE DECISIVE EDGE

CECOM SEC assists first Army in successful migration to DISA DEPS

By Pravin Ponnuri, Software Engineering Center

The Communications-Electronics Command (CECOM) Software Engineering Center's SharePoint Deputy Program Manager Jennifer Jordan, was recognized, along with her team, by First Army for the successful migration to Enterprise Content Management and Collaboration Service (ECMCS) on the Defense Information Systems Agency (DISA) Department of Defense Enterprise Portal Services (DEPS). The team's efforts consisted of migrating 76 gigabytes of data, where First Army experienced no service downtime or interruptions, which would have impacted their daily operations. First Army daily operations include advising, assisting and training Reserve Component units during pre-mobilization periods and conducting mobilization, training support, readiness validation, and deployment of alerted forces.

The ECMCS pilot effort started in April 2013, when the Army Acquisition Executive approved the Chief Information Officer /G-6 proposal for Project Director Enterprise Service, under Program Executive Office Enterprise Information Systems (PEO EIS), to conduct a pilot of the DISA hosted and managed solution. The DEPS solution is built on a configurable environment with the inherent capabilities of Microsoft SharePoint, enabling organizations to efficiently work together, share documents, utilize a central repository of easily accessible resources, and receive the security necessary to protect data.

Between April and December 2013, the ECMCS pilot evaluated the DISA managed Enterprise Collaboration Solution and collected metrics on realized cost savings as well as organizational efficiencies gained. First Army was identified as a prime candidate for the pilot and was asked to participate in the effort based on its unique business needs and its ability to leverage the advanced capabilities of the ECMCS service. This successful migration helped First Army toward a full enterprise solution and posture its organization for more Information Technology savings. As a result of the pilot, 23 organizations established SharePoint 2010 enterprise collaboration environments on DISA DEPS and 20,173 active users successfully migrated during the nine month transition. The team collected a substantial set of metrics and lessons learned to provide input into future enterprise service acquisitions.

The ECMCS pilot successfully provided Army organizations a platform where geographically dispersed users can collaborate across boundaries and provide Microsoft SharePoint 2010 Enterprise features to all Army users. Despite being a pilot, this effort will serve as a foundation of knowledge, experience, and data to fuel future acquisition decisions, strategy, and processes. In the future, PEO EIS will lead sustainment support and operations for all Army organizations on the ECMCS platform, while helping to bridge pilot participants to the end-state collaboration solution.

Active shooter training takes place during JUICE 2014

by Alexander Dinsmoor, CECOM Software Engineering Center

The Aberdeen Proving Ground Police Department together with Team Command, Control Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) conducted an active shooter training simulation in conjunction with the Joint Users Interoperability Training Exercise (JUICE) on June 10, 2014 at APG.

At approximately 10 a.m. a simulated active shooter burst through an unsecured door of Building 6009 on the C4ISR Center of Excellence campus and “opened fire” moving throughout the building.

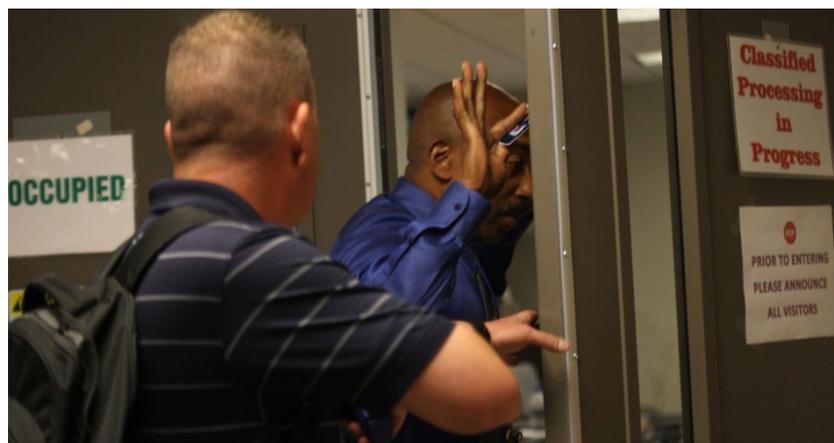
The Communications-Electronics Command’s Software Engineering Center (SEC) employees and others in the area, who had prior notification of the exercise, took cover and ran for the exits.

The simulated active shooter took Joe Fisher of SEC’s Communications Directorate and another unnamed employee hostage. Once the workforce had cleared the area and hostages were

reported, the second phase of the exercise began with APG Police Department’s Special Response Team (SRT) arriving on scene. The SRT quickly entered the building and ensured remaining areas were secure and began evaluation of the hostage situation. The SRT, in coordination with follow-on Federal Bureau of Investigation support, concluded the exercise’s second phase after securing release of the two hostages.

Following the exercise, an after action review for all participants was conducted to assess what went well, areas that could be improved upon and lessons learned:

- Due to the size of some of the C4ISR Campus buildings, and the noise inside of them, it may be difficult to hear or be aware of an incident that has already occurred. In fact, sometimes a shooter can get quite close before you will be able to ascertain that they are a shooter.
- When you become aware of an active shooting incident, take cover. Then, when possible, move quickly out of the area at the first possible opportunity. Assuming it is possible, always evacuate during an active shooter event.



(Right) Joe Fisher, director of Software Engineering Center Communication Division, is taken hostage during the JUICE 2014 active shooter simulation held at APG. (Left) An SEC employee runs for the door during the simulation. (Photo credit Jim Hayes, SEC)

- Remember it is important to always know where your nearest exits are. You should always know at least two ways to exit or escape your building.
- If you are able, call 911 and alert authorities of the existence of an active shooter incident. Only do so when it is safe.
- Move quickly when evacuating. Any marksman can tell you that moving targets are harder to hit, so move quickly, but safely. Remember to stay behind cover or a barrier as much as possible.
- It may not be safe to run across open areas to get away from a building. It may be necessary to seek cover outside, but near the building you evacuated. Think about where you could hide if necessary.
- An active shooter incident is not like a fire drill or actual fire. Move quickly but safely and do not congregate at pre-designated rally points or in the parking lot. Being in large groups and bunching-up makes easier targets for the active shooter. Hanging around the parking lot could make you an easy target for a sniper. Therefore, stay in cover even once you have cleared the immediate area of an active shooter event.

Active shooter simulation exercises help enhance readiness and ensure that everyone is as prepared as possible. Active shooter events can happen at any time and there is often no pattern or selection of victims.

For additional information, please watch the instructional video Run, Hide and Fight here:

<http://www.youtube.com/watch?v=5VcSwejU2D0&feature=kp>



APG Police department's Special Response Team (SRT) arrive on scene during the JUICE 2014 active shooter simulation event held at APG. (Photo credit Jim Hayes, SEC)



An SEC employee, posing as a hostage, is released during the JUICE 2014 active shooter simulation held at APG. (Photo credit Jim Hayes, SEC)

Profile of Excellence: ISEC SHARP program



Fort Huachuca, Ariz. – (Second from right) Col. Patrick Kerr, Information Systems Engineering Command (ISEC) commander leads the Walk of Respect that was held at the installation in April 2014. The Walk of Respect kicked off Sexual Assault Awareness Month to promote the Sexual Harassment/Assault Response and Prevention, (SHARP) program awareness and support. (Photo credit by U.S. Army staff)

By Marissa Anderson, CECOM Public Affairs and Communications Media

The U.S. Army Communications-Electronics Command's Information Systems Engineering Command (ISEC) Sexual Harassment Assault Response and Prevention (SHARP) program provides awareness, support, and education to both the command and the Fort Huachuca community throughout the year.

Robert Spalding, CECOM ISEC SHARP representative, stationed at Fort Huachuca, supports the local CECOM elements including the Communications Security Logistics Activity (CSLA), Software Engineering Center, and other CECOM elements.

"Awareness and command involvement are keys to the success of the SHARP program and ISEC has taken every advantage of the opportunities to improve the workplace environment," said Spalding.

Spalding supports a robust program that includes roundtables and events throughout the year. He engages in monthly activities which include participating in a Sexual Assault Review Board chaired by Maj. Gen. Robert P. Ashley, Jr., commanding general, U.S. Army Intelligence Center of Excellence & Fort Huachuca, which is an open forum that reviews lessons learned and best practices regarding victim prevention and care; and a Victim Advocate Working Group which discusses ways to improve efforts for victim advocacy.

Spalding also developed the ISEC SHARP SharePoint Portal location which provides immediate access to Sexual Assault Response Coordinator and Victim Advocate contact information, articles, newsletters, policies, resources, frequently asked questions, and helpful links.

Additionally, he conducts his own random workplace walk throughs that provide

opportunities to interact with personnel and gauge the climate of the organization in regards to SHARP.

Spalding serves in a dual-hatted capacity. In addition to his responsibilities as a SHARP representative, he is also a security engineer at ISEC.

"ISEC has made the extra effort to ensure all employees have the necessary program information and support. All SHARP workplace inspections are conducted by the commander Col. Patrick Kerr, Command Sgt. Maj. Brenda Kadet, and myself (SHARP Representative)," said Spalding.

The ISEC SHARP program recently supported events at Fort Huachuca, in support of the federal government's observance of April as Sexual Assault Awareness Month (SAAM).

ISEC command team, Soldiers, and civilians participated in the Walk of Respect held at Warrior-Sentinel Field on the installation on April 1. The two and a half mile walk was open to the entire Fort Huachuca community and drew more than 600 participants. Victim advocates and SHARP coordinators handed out informational material and called out phrases like "speak up and intervene" and "do the right thing" as walkers went by.

Spalding kicked off the event with opening remarks.

"Today is our reminder that if we are to defeat sexual assault we must have respect -- respect for our teammates, coworkers, families and people we don't even know," he said. "Respect means doing the right thing and treating people as you would want others to treat you and your loved ones. Respect is stepping up and taking action to correct these possible violations. This is a generation of change and together, we can make a difference."

ISEC and CSLA personnel participated in a Denim Day event on April 23. According to Spalding, "wearing jeans on this day has evolved into an international symbol of protest against negative attitudes and stereotypes regarding sexual assault." The event resulted from the Italian



Robert Spalding, CECOM ISEC SHARP representative, provided the opening remarks for the Walk of Respect that was held at the installation in April 2014. The Walk of Respect kicked off Sexual Assault Awareness Month to promote the Sexual Harassment/Assault Response and Prevention, or SHARP, program awareness and support. (Photo credit by U.S. Army staff)

Supreme Court overturning a rape conviction in 1998 because the victim wore "tight jeans." As of 2011, at least 20 U.S. states officially recognize Denim Day. Participants were encouraged to show their support by wearing jeans and a red shirt while engaging in SHARP discussions with their supervisor to promote awareness.



"What is really great about our CECOM SHARP team is they are not only a great CECOM asset, they have proven themselves a true asset to the entire Fort Huachuca community," said Kadet.



For more information on the Army's SHARP program please visit:

<http://www.preventsexualassault.army.mil>

PROVIDING THE CRITICAL LINK



Fort Bragg, N.C. – Paratroopers of 1st Battalion, 505th Parachute Infantry Regiment, 3rd Brigade Combat Team, 82nd Airborne Division train for their Global Response Force responsibilities. (Photo by Sgt. Joseph Guenther, U.S. Army)

Central Technical Support Facility (CTSF)

Australian Defense Force visit

Representatives from the Australian Defense Force recently visited CTSF's Coalition Interoperability Assurance and Validation branch. This visit represents a resumption of field grade officer level interoperability exchanges between Australia and the U.S. Army which regularly occurred through Fiscal Year 13.

Situational awareness

CTSF's Coalition Interoperability Assurance and Validation team completed a Change Management event for Combined Information Data Network Exchange (CIDNE) version 2.1.3. The event, requested by U.S. Central Command, helped to validate and characterize the interoperability between CIDNE and the latest releases of the Interim Geo-Spatial Intelligence Tool, and the Joint Operations and Intelligence Information System. This will enable improvements to situational awareness across the North Atlantic Treaty Organization common operational picture.

Information Systems Engineering Command (ISEC)

Micro-Grid electrical distribution

ISEC is currently assisting the U.S. Army Corps of Engineers and U.S. Army Network Enterprise Technology Command to develop the future information assurance and security requirements for Micro-Grid electrical distribution systems. ISEC's efforts support the Department of Defense's continued focus to explore new and innovative energy alternatives.

Satellite modernization

ISEC continues to provide SATCOM engineering support for the modernization of over 80 satellite earth terminals across multiple OCONUS sites, in support of Product Manager - Wideband Enterprise Satellite Systems (PdM WESS). ISEC coordinated with Tobyhanna Army Depot to update support structures at Fort Buckner, Japan, to ensure equipment survivability in the Okinawa seismic zone. ISEC is also conducting a site survey at the Diego Garcia Naval Support Facility to develop requirements for an upgrade in Fiscal Year 15. These upgrades will significantly increase the satellite bandwidth available to users across the Department of Defense.

Satellite gateway support for Defense Information Systems Agency (DISA)

ISEC is providing systems engineering and implementation support for a new Enhanced SATCOM Gateway (ESG) in the DISA Central Region (DCR), in support of DISA. ISEC's engineering team recently completed a series of site surveys for a large site ESG suite. This project will extend DISA's Enterprise presence through the U.S. Central Command's (CENTCOM's) satellite gateways and consolidate its network-centric systems into a single architecture. When completed, it will increase the availability of network hosted services to CENTCOM users while improving the efficiency of managing the network infrastructure providing those services.

Logistics and Readiness Center (LRC)

War on Excess

The Communications-Electronics Command (CECOM) is currently conducting the 2014 Dormant Review as part of Army Materiel Command's ongoing "War on Excess" and focus on secondary items without an issue or sale in the last two years. The review contains over 3,500 secondary items, broken down into 8,400 different inventory batches. CECOM marked over 5,000 batches, with a dollar value over \$402 million for disposal. All retention of excess inventory is being justified through the use of white papers.

Spares and parts transfer

LRC's Communications Security Logistics Activity has coordinated the transfer of spares and repair parts, which have been identified as excess to Army requirements, to the Navy. The transfer supports other service depot repair programs while eliminating Army demilitarization costs.

Communications Security (COMSEC) audits

The Communications Security Logistics Activity (CSLA) commenced audits of COMSEC accounts in South Korea last month, to ensure the confidentiality, integrity, and survivability of information systems and the data that passes through them. Auditors will conduct 19 COMSEC audits accounting for every COMSEC account and certification authority workstation in South Korea. CSLA executes the Headquarters Department of the Army G2 audit mission.

Tobyhanna Army Depot (TYAD)

U.S. Marine Corps Systems Command (MARSYSCOM) program manager recognizes success

Col. Donald B. McDaniel, program manager for Marine Air-Ground Task Force (MAGTAF C3), Command, Control and Communications, MARSYSCOM, Quantico, Va., recently visited TYAD to review depot capabilities to support various radar systems. The MAGTAF C3 program office funds about 13 percent of TYAD's entire workload, to include major systems such as the AN/TPS-59 and AN/TPS-63 radars and the AN/TPQ-49 Light Weight Counter Mortar Radar. McDaniel recognized

TYAD's successful accomplishment of his Marine Corps requirements and was impressed by the enthusiasm, pride and focus on lean processes displayed by employees.

Support to NETT Warrior

TYAD has a total fabrication requirement of 28,900 cables in support of the Fiscal Year 14 fieldings for Product Manager, Ground Soldier, Fort Belvoir, Va. The cables support NETT Warrior, an integrated dismounted situational awareness and mission command system, which strengthens the Soldier's effectiveness and lethality. TYAD has completed 22,070 cables and has 2,566 cables in process.

M997 ambulance electrical set

TYAD has a requirement to fabricate 517 kits for the M997 Ambulance Electrical Set program for Rock Island Arsenal, Rock Island, Ill. On May 8, TYAD received a request for the expedited fabrication of an additional 400 cables. Of the 400 cables, TYAD shipped 30 cables to satisfy an immediate need on May 23; the remaining 370 cables will be scheduled as funding is received. The M997 ambulance configuration of the High Mobility Multi-purpose Wheeled Vehicle family is equipped with basic armor and is used to transport casualties from the battlefield to the medical aid stations. TYAD has completed and shipped over 5,070 cables, 298 Control Boxes and 164 Control Panels.

Logistics Assistance Representative (LAR) training

Training for Communications – Electronics Command (CECOM) LARs was conducted from June 2 to 14. The event was one of three iterations to train 15 to 25 LARs. The training included hands-on and formal classroom instruction, and was a scaled-down version of the Field Support Representative Academy, which is an 18 week program. The LARs received training on the Trail Mounted Support System Drash tents (large and medium), Command Center System, Command Post Communication System and Command Post Platform operator training.

Language lab installation/training in Kingdom of Bahrain

Staff from TYAD conducted the installation and training of a 20 position Training Multimedia

Language Laboratory for the Royal Bahraini Air Force at the Isa Air Base in the Kingdom of Bahrain in May. The Language Lab program aids in foreign relations by providing state-of-the-art computerized classrooms designed to teach English speaking capability to U.S. foreign allies. The purpose of this lab is to assist units deploying as part of the International Security Assistance Force to gain some operational English skills in order to increase interoperability with U.S. and North Atlantic Treaty Organization forces in-theater. Funding was provided by the State Department through the Communications-Electronics Command Security Assistant Management Division.

Maintenance training conducted for Common Remotely Operated Weapon Station (CROWS)

Five TYAD instructors recently traveled to Fort Lee, Va., to conduct CROWS maintenance training. The training was conducted for U.S. Army training instructors and developers, who will develop and conduct their own CROWS maintenance pilot course for incoming recruits. The TYAD team helped establish the pilot course and two will return to Fort Lee next month to observe the initial class and provide feedback.

Supporting air defense exercise in Israel

TYAD has been supporting the 10th Army Air and Missile Defense Command (10AAMDC) during exercise Juniper Cobra 14 (JC14) that took place from April 19 through June 14. JC14 is a bilateral air defense exercise between the U.S. Army and the Israel Defense Forces (IDF). During the JC14 exercise, the 10AAMDC Soldiers and their IDF counterparts conducted operational drills and computer-simulated exercises based on realistic scenarios. TYAD field support representatives were also involved in developing and presenting the capabilities briefing to Maj. Gen. Randy A. Kee, the United States European Command J5.

Depot attorney wins prestigious award

Acting Depot Counsel, Mark Blasko, received the Frank J. Buckley Managerial Excellence Award at a ceremony during the U.S. Army Materiel Command Continuing Legal Education Program on May 21. This prestigious award recognizes

Blasko's significant accomplishments as the acting supervisor since March 2013, to include processing over 300 furlough appeals and as well as maintaining an extremely diverse practice.

Software Engineering Center (SEC)

SEC supports 82nd Airborne mission

SEC is a critical link for the 82nd Airborne Division's upcoming Global Response Force (GRF) mission. As part of their ongoing support for the tactical community, SEC's Joint On-demand Interoperability Network (JOIN) worked in conjunction with the 82nd Airborne and Department of the Army Chief Information Officer/G6 to establish Voice over Secure Internet Protocol (VoSIP) communications access. The 82nd Airborne requested the VoSIP area codes for their upcoming GRF mission. JOIN worked in conjunction with Defense Information Systems Agency to develop and provide the area code schema, ensuring the required resources are in place to support the GRF mission.



President Barack Obama's motorcade passes through Yongsan Garrison, South Korea, March 25, 2012. (Photo by Staff Sgt. Cody Harding, U.S. Army)

SEC assisted with security during President Obama’s visit to South Korea.

SEC worked with U.S. Forces – Korea and provided the Combined Forces Command’s Enhanced Watch Team on site and telephonic Joint Automated Deep Operations Coordination System (JADOCS) support for the Seoul Crisis Action Team to monitor any potential threat activity during President Obama’s visit to South Korea. SEC support helped ensure the safety of the president during his visit in April 2014 and continued by ensuring North Korean artillery live fire (conducted shortly after President Obama’s departure). SEC created two graphic control measure artillery boxes for the enhanced watch team using the coordinates North Korea provided when they announced they were going to conduct an artillery live fire exercise relatively close to the Northern Limit Line. SEC’s JADOCS support was instrumental for the watch team to monitor the exercise and ensure all rounds fired remained within North Korean territorial waters.

SEC participates in Joint Users Interoperability Communications Exercise (JUICE) SEC is providing the Department of Defense (DOD) and other agencies the critical link for communications interoperability. This June, SEC will host the 21st annual JUICE, a multi agency global exercise, focused this year on effective cyber operations in a joint information environment. JUICE is an annual worldwide

joint, coalition and interagency communications interoperability exercise designed to identify and resolve joint communications issues without interrupting operations tempo. This year’s JUICE includes cyber defense, support to civil authorities, and coalition capability expansion. 2014 exercise scenarios include coordinating multiple agency responses to humanitarian rights violations, natural disaster, and terrorist attack scenarios. USSTRATCOM is the Combatant Command sponsor for JUICE 2014, which includes participants from the U.S. Army, Marine Corps, Air Force, DoD, Defense Information Systems Agency, Defense Security Cooperation Agency, North Atlantic Treaty Organization/Coalition Partners and others, with over 90 percent of participants at remote locations.

SEC assists the Royal Australian Navy and Air Force

SEC recently supported the Royal Australian Navy and Air Force JTT-IBS Blackside FPGA system upgrade and training by leveraging one of their organic capabilities for software installation. An SEC Engineer traveled to the Royal Australian Navy’s primary naval base to provide the upgrades and train the Australian trainers on JTT-IBS system functions so that they could in turn train their respective units. SEC’s support for the new systems enhanced naval and air operations throughout the region.



Cyber defense operations during JUICE 2013 (Photo by James Hayes, Software Engineering Center)



Packaging expert thinks outside the box

by Jacqueline Boucher, Tobyhanna

Industrial Engineer Charlotte Lent, Tobyhanna Army Depot, Pa., earned the 2013 Department of Defense Packaging Excellence award for her innovative contribution to packaging.

She developed a family of packaging designs that will replace loose-fill material when transporting liquid hazardous materials. The new packaging materials are reusable, recyclable and do not require packers to use breathing protection.

Based on testing so far, the new designs meet stringent requirements. The award honors outstanding teams and individuals in the packaging community who develop new packaging processes, and improve productivity and efficiency throughout the Defense Department.

Lent said she is honored to be awarded for her innovative efforts. "I give my best every day," she said. "I'm nearing the end of a long career and to be recognized with this award is the cherry on top."



Charlotte Lent, industrial engineer and systems engineer, James Mott, conduct packaging tests in the Logistics Support Activity's Packaging, Storage and Containerization Center, a tenant activity at Tobyhanna Army Depot.

Lent earned the 2013 Department of Defense Packaging Excellence Award for her innovative contribution to packaging. (Photo credit by U.S. Army Staff)

Tobyhanna's volunteer of the year admits he's an easy mark

by Jacqueline Boucher, Tobyhanna

There's never a dull moment in the lives of dozens of volunteers who actively support a variety of projects at Tobyhanna Army Depot, Pa., and in their communities.

Tobyhanna's annual recognition event recently spotlighted volunteers who served in several organizations last year. Officials also named the 2013 Volunteer of the Year and individual groups that earned the gold, silver and bronze President's Volunteer Service Awards. Depot commander Col. Gerhard P. R. Schröter congratulated the winners and awarded certificates of appreciation in the presence of gathered depot leaders, supervisors and employees.

Tobyhanna boasts 144 volunteers who contributed 9,002 hours last year, generating a savings of \$199,304. Individuals support installation volunteer groups, performing tasks that would otherwise go unmet.

The volunteer of the year is a woodworker who has spent a lifetime helping others. James Lombardo was in his teens when he realized how important and satisfying it is to volunteer. He designs and builds wooden crates for Defense Logistics Agency (DLA) Distribution Tobyhanna.

Also nominated for the award were Eileen Rizzo and Louis Roscioli. Rizzo is active in the Tobyhanna Women's Club and spearheading the scholarship program. Roscioli is the chief of the all-volunteer Retirement Services Office, which assists 450 retirees. Both support other organizations such as Operation Santa Claus and the Combined Federal Campaign.

Lombardo's face lights up when he recalls supporting one event after another throughout



Woodworker James Lombardo is Tobyhanna Army Depot's 2013 Volunteer of the Year. He designs and builds wooden crates for military assets such as radar antennas or radio transmitters. (Photo credit by U.S. Army Staff)

his life. He's performed odd jobs, participated in fundraisers and coordinated events since his early days of working at a local supermarket. He especially enjoys finding ways to boost morale within the workplace, often planning cookouts and themed events.

People here are thankful for his work with the DLA Family Support Group.

"My first experience with volunteering was selling candy bars to help a schoolmate suffering from cancer," said Lombardo. "I sold my heart out and I never forgot that." He will also never forget the bone crushing hug he received from a terminally ill DLA coworker who accepted a donation from the support group.

Volunteering may be an individual choice, but it takes an entire team to get the job done, according to Lombardo. "I'm grateful for this honor; however, there are a lot of other people responsible for the success of these projects."

For instance, DLA Family Support Group members raised \$600 by selling donuts; a cookout netted nearly \$2,000. A coat drive kept hundreds of people warm and a cleanup day helped a coworker dealing with medical challenges.

CECOM awards



Aberdeen Proving Ground, Md.– (Left) Brig. Gen. Bruce T. Crawford, commanding general, Communications-Electronics Command (CECOM), presented (right) Col. David K. Dalition, Staff Judge Advocate, CECOM, with a Legion of Merit on June 9, 2014, for his “strategic vision and outstanding initiative that led to numerous positive developments that impacted the Army” during his tour of duty at CECOM from July 2012 through June 2014. (Official U.S. Army photo by Greg Mahall)



Aberdeen Proving Ground, Md. (June 6, 2014) – (Right) Brig. Gen. Bruce T. Crawford, U.S. Army Communications-Electronics Command (CECOM) commanding general, presents (left) Lt. Col. George T. Rivers, National Guard advisor to CECOM, with a Meritorious Service Medal during Rivers’ retirement ceremony at Myer Auditorium on June 6.

Rivers received the Meritorious Service Medal for his 29 years of honorable service in the U.S. Army. As a symbol of respect and recognition of Rivers’ service, Crawford deferred honors to the retiring officer at the commencement of the ceremony.

This was Crawford’s first officiating ceremonial role since assuming command of CECOM on May 20. (Official U.S. Army photo by Greg Mahall)

HAIL & Farewell

The Communications-Electronics Command (CECOM)
welcomes our new military service members:

Lt. Col. Kim Bivins
Logistics and Readiness Center (LRC)

Capt. Brent Sohn
ISEC

Maj. Shelia Banks
Information Systems Engineering
Command (ISEC)

Capt. Eric Strangle
ISEC

After years of dedicated federal service, some CECOM family members
are heading into the world of retirement:

Cynthia Spencer-Bass
LRC
Fort Belvoir, Va.
June 28, 2014

John Bass
SEC
Fort Gordon, Ga.
July 1, 2014

William Jennings
SEC
Fort Lee, Va.
June 30, 2014

Kim Frances Priestly
LRC
Aberdeen Proving Ground
(APG), Md.
June 30, 2014

Evelyn Storrs
SEC
Fort Lee, Va.
July 3, 2014

Nettie McCarroll
LRC, Communications
Security Logistics Activity
Fort Huachuca, Ariz.
July 3, 2014

Raymond Singer, Jr.
Software and Engineering
Command (SEC)
Fort Sill, Okla.
July 3, 2014

JoAnne B. Collins
LRC
APG, Md.
June 30, 2014

Thomas Owens
LRC
APG, Md.
June 30, 2014

Mary J. Coleman
LRC
APG, Md.
June 30, 2014

Judy Christel
LRC
APG, Md.
July 3, 2014

Maxcine Monroe
SEC
Fort Lee, Va.
July 3, 2014



One of my favorite Hymns is “In His Time.” In the first stanza of the song, it says, “In His time, in His time; He makes all things beautiful in His time. Lord, please show me every day as you’re teaching me your way, that you do just what you say in your time.” According to the Book of Samuel in the Old Testament, when God sent Samuel to anoint David as the next king of Israel, he was just a shepherd boy. Many years later (maybe more than a decade) he has been anointed king of Judah, and everyone can see that soon David will be king over Israel. Finally, David sees God’s promise to him being fulfilled. As the days go by, the house of Saul (first king of Israel and David’s father-in-law) is getting weaker and weaker, whereas the house of David is growing stronger.

It is only a matter of time before everything will be just as God promised.

But “a matter of time” is often where we have difficulty waiting on the Lord. He often

In His time

Maj. (P) Young D. Kim, CECOM Command Chaplain

does not tell us exactly when but asks us to trust Him and wait. Can you imagine waiting a decade for God’s promise to be fulfilled in your life? Perhaps you have experienced “the long wait,” in which case you have also experienced the fruit of patience, faith, and trust in Him.

Ecclesiastes 3:11 says, “He has made everything beautiful in its time.” Please remember this: God is never late. He is never early. His timing is perfect down to the nanosecond. Why? Because He is neither limited nor affected by time. And because He is the Creator. He is outside and beyond time, something of which we cannot conceive as creatures of time.

.....

But we can be sure that God is faithful and sincere, and He is good for all the promises He has made and will make. Therefore, be courageous! Don’t be discouraged and be strong! When you wait upon God, wait until the very end.

.....

Second stanza of the song, “In His time”, is: “In your time, in your time; You make all things beautiful in your time. Lord, my life to you I bring; May each song I have to sing be to you a lovely thing in your time.”

Men's Health Awareness month

CECOM
Wellness



The prostate prognosis

by Keosha Pointer, CECOM G1

With an average life expectancy of five years less than their female counterparts, it's important for all men of all ages and fitness levels to focus on their day-to-day mental and physical wellness. Here are some facts about men's health overall:

- Almost four times as many males than females die of suicide each year.
- 24 percent of men are reluctant to go to the doctors compared to women.
- The Center for Disease Control estimates that almost one out of every three men over the age of 20 has hypertension (high blood pressure).
- 238 thousand new cases of prostate cancer will be diagnosed and almost 30 thousand men will die of prostate cancer this year

Names of prostate conditions:

- Enlarged prostate or benign prostatic hyperplasia (BPH) - noncancerous enlargement of the prostate gland.
- Prostatitis
- Prostate cancer-disease in which cells in the body grow out of control.

Aging of the prostate

- BPH affects more than 26 million men each year in the United States.
- Stress and diet are factors that contribute to the enlargement of the prostate in younger men.
- Prostate grows to a normal size in teenage years and then begins to grow again around age 50.
- By age 60, half of all men have an enlarged prostate.
- Affects most men by age 80.

Risk factors

Age: All men over 50

Family history: Certain genes (the functional and physical units of heredity passed from parent to offspring) inherited from parents may affect prostate cancer risk. Currently, no single gene is sure to raise or lower the risk of getting prostate cancer. However, a man with a father, brother, or son who has had prostate cancer is two to three times more likely to develop the disease himself

Race: Prostate cancer is more common in some racial and ethnic groups than in others, but medical experts do not know why.

Symptoms of BPH

- Multiple trips to the bathroom at night
- Sudden urge to urinate
- Difficult or painful urination
- Weak or slow urine flow
- Incomplete elimination of urine
- Stopping and starting of flow

Treatment options for enlarged prostate:

- Heat Therapy
- Laser Therapy
- Surgery



Summer safety tips

by Robert McNab, CECOM Safety

The summer season is now upon us - public beaches & pools (including home pools) are open for summer fun. Water recreation is in full swing with jet skis, boating, canoeing, kayaking, etc.

Drowning prevention information is not for someone else – it is for you. Drowning is one of the largest causes of accidental death for infants and children under the age of five while at home and on vacation; and for adults who do not wear approved flotation devices (or who may be under influence of alcohol) for water recreation activities.

DROWNING PREVENTION TIPS:

Boating safety:

- Be sure all children on board are wearing life jackets. This is the law. The U.S. Coast Guard requires that all children under 13 years of age must wear a Coast Guard-approved life jacket unless the child is below deck or in an enclosed cabin.
- Be sure the life jacket fits. Life jackets come in different sizes appropriate to the child's body weight. Make sure the child has not outgrown their life jackets over the winter. Infant life jackets have a strap that runs between the legs and extra flotation behind the head to ensure the baby floats face up at all times.
- Let children help pick their life jackets: Children often complain about having to wear life jackets. Get them "invested" in theirs by letting them pick it out for themselves. And be a good role model. If the children see adults wearing life jackets, they'll be more likely to wear theirs.

- Safety starts in the home or the parking lot: Get the children in the habit of putting on sun block, a hat and their life jacket before you walk to the boat. That way, they'll be protected if they accidentally tumble off the dock.
- Careful when towing: When you tow children behind the boat on inflatable water toys, water skis or a wakeboard, be sure to designate an adult to be the official watcher. Teach the children hand signals to tell you to speed up, go slower or stop.
- Give a pre-cruise safety lesson before leaving the dock; remind children to remain seated at all times in a boat and to keep their flotation device on at all times.

Beach safety:

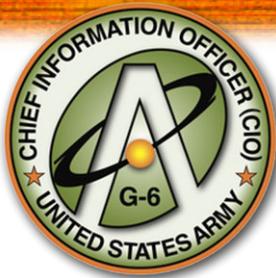
- Pay attention to the warning flags on the beach. Know what the different colors mean. You can now see surf conditions at "Surf Zone Forecasts" from the National Weather Service to see surf conditions before going to the beach:
<http://www.ripcurrents.noaa.gov/forecasts.shtml>
- Beware of rip tide – If you get caught in a rip current, remain calm, swim out of the rip current in a direction following the shore. For more information:
http://www.ripcurrents.noaa.gov/brochures/rip_brochure_final051309.pdf
- Whether it's the bay, lake or ocean beach, ensure life guards are on duty; do not swim in unprotected water. There is no substitute for adequate supervision.

Swimming pool safety:

- Swimming pools (and spas) are attractive to children, and all children must be kept away from them in the absence of adequate supervision. Ensure life guards are on duty – do not swim in public pools without life guards.
- A fence or barrier should completely enclose your home pool or spa. All gates or doors from the house to the pool or spa area should have a self-closing, self-latching mechanism above the reach of toddlers or young children to protect against unauthorized entry and use.
- Do not place objects (e.g., chairs or tables) near the pool or spa fence that would allow a youngster to climb over. Tree limbs and low overhanging roofs should be removed or made inaccessible.
- Do not rely on plastic inner tubes, inflatable armbands or other toys to prevent accidents. Use only approved life saving floats and vests.
- Reaching and throwing aids should be kept on both sides of the pool. These items should remain stationary and children must not use life saving equipment as play toys in the pool.
- Never leave a child alone, out of eye contact unsupervised on a beach, in or near the pool (or spa) - not even for a second. Do not allow anyone of any age to swim without a “spotter” nearby.
- During social gatherings, be certain that someone has the major responsibility for watching the children and swimmers at all times.
- Remember a child can drown in 1 inch of water, so never leave them alone even in one of the small blow-up kiddie pools.

Remember:

Always wear an approved flotation device for all your water recreation activities; your life may depend on it!



SAVE THE DATE

The Common Operating Environment and the Army Data Management Program

DATE: 25 June 2014

TIME: 1100-1200 ET

LOCATION: Virtual – *Defense Connect Online*

REGISTER: <https://www.surveymonkey.com/s/COE25June>

The Office of the Army Chief Information Officer (CIO)/G-6, together with the Army Net-Centric Data Strategy (ANCDS) Center of Excellence, invites you to attend a briefing on the Common Operating Environment (COE) and the Army Data Management Program (ADMP).

This briefing will provide a high-level overview of the COE and the relationship between the COE, the Army Information Architecture (AIA) and the ADMP. The COE is an approved set of computing technologies

and standards that will enable secure and interoperable applications to be developed rapidly and executed across a variety of computing environments: server, client, mobile devices, sensors and platforms. The COE serves as the technology basis that is assumed by the AIA and ADMP.

The CIO/G-6 and the ANCDS Center of Excellence will be joined by the office of the Assistant Secretary of the Army for Acquisition, Logistics and Technology (ASA(ALT)) for this presentation.

*For questions on the AIA, ADMP or this session, please contact Andrew Phelps at (443) 861-8487 or andrew.k.phelps.civ@mail.mil.
For questions on the COE, please contact Andrew Chappell at (703) 629-4276 or andrew.p.chappell.civ@mail.mil.*

Army Chief Information Officer/G-6 • 107 Army Pentagon • Washington, DC 20310 • CIOG-6.Army.mil

AROUND *the* COMMAND



Aberdeen Proving Ground, Md. – Brig. Gen. Bruce T. Crawford, U.S. Army Communications-Electronics Command (CECOM) commanding general presents Mrs. Mizar Rivers, wife of Lt. Col. George T. Rivers, National Guard advisor to CECOM, with a certificate of appreciation from the U. S. Army during her husband’s retirement ceremony at Myer Auditorium here June 6.

Mizar was recognized by the Department of the Army for her selflessness and support to Rivers’ career during his 29 years of honorable service in the U.S. Army. (Official U.S. Army photo by Gregory Mahall)



Aberdeen Proving Ground, Md. – (Center) Brig. Gen. Bruce T. Crawford, commanding general, U.S. Army Communications-Electronics Command, and (fourth from right) Command Sgt. Maj. Kennis J. Dent, CECOM, posed with cadets from Freestate Challenge Academy following the June 5 2014 Soldier Show: “Stand Strong” at the Post Theater.

The Academy graduated 89 cadets on Saturday, June 7. Operated by the Maryland National Guard, the Academy gives students ages 16-18, who have withdrawn from high school, a second chance at an education. The cadets voluntarily live in the academy’s residential program located at APG Edgewood Area for 22 weeks. (Official U.S. Army photo by Pamela Leigh, CECOM PAO)



Aberdeen Proving Ground, Md. – (Center) Brig. Gen. Bruce T. Crawford, commanding general, U.S. Army Communications-Electronics Command (CECOM), together with (third from left) Command Sgt. Maj. Kennis J. Dent, CECOM, presents the cast members of the 2014 Army Soldier Show: “Stand Strong” with a plaque as a token of appreciation for their June 4 performance at the Post Theater.

The Soldier Show is a live Broadway-style variety performance featuring the talent of active duty Soldiers. The 2014 Army Soldier Show marks its 31st consecutive year of visiting Aberdeen Proving Ground. (Official U.S. Army photo by Pamela Leigh)



Fort Huachuca, Ariz. – The Information Systems and Engineering Command (ISEC) conducted a Safety Day for all ISEC employees on May 29 in the Greenly Hall auditorium.

During Safety Day, teams from different ISEC directorates participated in games including a Family Feud style game show. In addition, ISEC employees attended Fort Huachuca’s 101 Critical Days of Summer Safety Stand Down. To encourage maximum participation, directorates with the most points throughout the day were awarded 59 minutes absence. (Official U.S. Army photo)

Cost centers at Tobyhanna provide efficiencies

By Amanda Spock, CECOM

Supervisors in two directorates recently discovered their employees saved more than \$200,000 by developing and implementing three internal process improvements. The branch chiefs were able to verify each cost center's savings by submitting an Internal Efficiency to the Productivity Improvement and Innovation (PII) Directorate's Process Improvement Division. At the end of March, the depot's internal efficiencies were valued at more than two million dollars.

An internal efficiency is an implemented process or idea that reduces time and generates savings specific to a cost center.

Documents submitted by members of the Systems Integration and Support (SIS) Directorate's System Preparation Branch described changes that generated \$102,850 in savings. Additionally, the Command, Control and Computers (C3)/Avionics Directorate's Transponder Branch submitted an internal efficiency outlining the use of a new ruggedized faceplate that generated \$148,928 in savings.

"Cost centers have embraced continuous improvement and continue making advances through their own efforts," said Lead Process Improvement Specialist Keith Weinschenk, Process Improvement Division.

The System Preparation Branch prepares all major assets and components for refinishing through a variety of paint removal and cleaning options, such as sandblasting. The SIS Directorate cost center will save thousands of dollars by implementing new sandblasting procedures for the AN/TSW-7A Air Traffic Control Center and the AN/MST-T1V Mini-Multiple Threat Emitter



Vincent Sabatini, fabric worker, marks and cuts fabric to make a cover for an environmental control unit. (Photo by Steve Grzedzinski, TYAD)

Systems (MUTES) pedestal and counterweight. Combined, both processes have an estimated savings of \$39,299 during fiscal year 2014 with a projected savings of \$102,850 over a three year period.

The AN/TSW-7A provides communication capabilities to assist with aircraft landing, takeoff, ground-control and air traffic. Tobyhanna employees Reset the system, part of which requires sandblasting in preparation for painting.

It all started with a time-saving idea that would better protect the air traffic control center's multiple windows during the sandblast process, according to Branch Chief Howard Slinger. The new process cut the completion time by half, from 80 to 40 hours.

"The new process decreased the turn-around time significantly," said Slinger, who submitted the documentation that established the Internal Efficiency.

Previously cost center employees would tape an asset's windows and sandblast around the edges to prevent any damage. The new process consists of taping cardboard on the windows and covering the cardboard with metal cutouts designed by employees in the Sheet Metal Branch. With the cardboard and metal cutouts, the cost center is able to sandblast an entire asset without risking damage to the expensive windows.

story continued on next page →



Michael McDermott, a sandblaster at Tobyhanna Army Depot, protects the windows on an AN/TSW-7A Air Traffic Control Center with cardboard and metal cutouts before the system is sandblasted (Photo by U.S. Army staff)

Introducing a new safety process significantly decreased the amount of time it takes to sandblast Mini-MUTES pedestals and counterweights. Employees are required to use the buddy system when sandblasting an asset is in the blast booth, Slinger explained. If a system and employee were in the booth, someone had to stand watch.

The process change was simple -- have two employees work in the same blast booth on two separate components to eliminate the idle watcher. This way, both employees are following safety guidelines and completing work at the same time.

"It's the workers that come up with the different ways of generating savings," Slinger said. "They are always thinking of how to make the job easier, quicker and faster while maintaining the same quality product."

Employees are preparing to establish another Internal Efficiency to validate recent changes to the wash operations they perform. The cost center suggested power washing entire assets to eliminate the need to wipe them down with cloths, which left residue and required additional cleaning.

"The new process has already reduced the direct labor hours performed on all systems," Slinger said.

Branch Chief Gene Golembeski established an Internal Efficiency in response to a challenge. By exchanging a plastic component with a metal one, Transponder Branch employees succeeded in

.....> story continued

saving \$148,928 in fiscal year 2013. The Internal Efficiency for the new faceplate was validated at \$480,000 over a three year period.

"During the continuous process improvement for supervisors training course, the instructor challenged us to complete and submit an Internal Efficiency and we did just that," Golembeski said.

Branch employees overhaul, repair, modify, test, and install Identify Friend or Foe common transponders and interrogator systems.

Remote control units for Common Transponders including the AN/APX-118(V) and AN/APX-123(V) require a ruggedized faceplate to protect the unit from sand and dirt. Users found these elements would clog the garter spring, making the unit ineffective. The plastic faceplates were unreliable and fragile, often breaking during the cleaning process, explained Golembeski.

Last year a suggestion to make ruggedized faceplates out of metal instead of plastic was approved and implemented. Tobyhanna enlisted the help of an aviation company to create a prototype that employees could use to make metal faceplates, according to Golembeski. The new faceplate eliminates the need for cleaning and is more durable than plastic.

"Since implementation, the new ruggedized faceplate has reduced the turn-around time and direct labor hours," Golembeski said.

Cost centers can document an implemented process or idea that reduces time and generates savings on an Internal Efficiency A3.

The document is available on Tobyhanna's intranet page under Lean and Six Sigma, Reference Documents and Links.

Both cost centers were able to generate these high dollar savings by continually improving their processes.

"It is important for managers to complete an Internal Efficiency A3 to ensure their savings are validated and receive the proper Lean savings credit they deserve," stated Weinschenk.

Operational security and the Korean War

A guest editorial by James Lint, G-2, CECOM

By 1950, five years had passed since the U.S. Army achieved victory during World War II. The Army had a major drawdown and cut troop units and staff. Most of the remaining junior personnel had not served in World War II nor did the draftees have actual combat experience.

June 25, 1950, was a picture perfect summer day, the sun was shining and spirits were high. It was a great day to leave the office behind, enjoy life, and relish downtime - even if you were stationed in Korea.

It was a historic day for operational security practices, and a busy day for unwitting others. Motor pools were emptied covertly and troops by the masses trudged south. The North Korean invasion of South Korea was about to commence while the lemonade was still being poured at the big installation softball event.

There was no warning, just complete surprise; The focus at the American installation was on softball. A U.S. Embassy Marine driving an orange painted jeep near the Embassy compound noticed a plane in the morning air flying lazy circles. He waved, and the North Korean Yak came in for a strafing run. The Marine barely survived, but the jeep was an early combat loss.

North Korea's use of intelligence and surveillance served them well in the attack of an organization not focused on operational security (OPSEC) in all working conditions, to include fun. The need to observe and implement good OPSEC practices is evident, and could have saved lives.

The lack of OPSEC practices and North Korea's exploitation of American vulnerabilities and

supporting intelligence information provided North Korea with a critical advantage. The operating assumption at the time was that there were no indications, no warnings, and no solid information to suggest an offensive was imminent. However, the historical record suggests otherwise and that American intelligence assessments may have been unduly clouded by innate cultural biases.

.....

As we all know, intelligence failures cost lives and it did that day in 1950. In turn, it is important that we make concerted efforts to recognize blind spots, realize innate biases, and train to resist cultural and cognitive biases that cloud, clutter, and convolute an analyst's assessment.

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At the Communications–Electronics Command (CECOM) and within Team C4ISR (Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance) we must also use OPSEC. The technologies of Team C4ISR are highly targetable by hostile intelligence. Foreign Intelligence Entities (FIE) can target via computers, which is why we have a robust cybersecurity program. FIEs also look for our travelers in foreign countries who may be indiscrete or boast of knowledge pertaining to C4ISR. In turn, it is important to remember that when you travel to a foreign country for work or vacation there is a reason you are required to get a foreign travel brief. Contact your local security manager or G2 directorate for more information.

Signal Corps birthday; growth during Spanish-American War

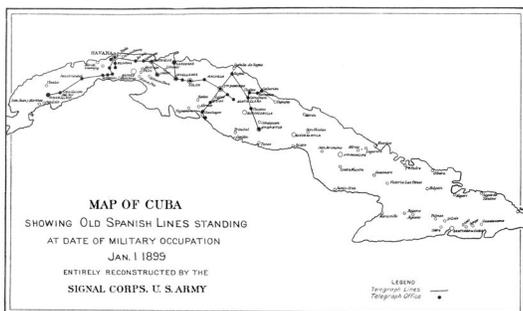
By Susan Thompson, CECOM command historian

The month of June marks two big milestones: the 239th Army birthday, and the 154th Anniversary of the founding of the Signal Corps. The Signal Corps started during the Civil War, and had a small but vital role to the Army during that war. But it wasn't until the last conflict of the 19th century that the Signal Corps began to grow. Working through periods of extreme austerity, the Signal Corps, under the direction of far-sighted and innovative leaders, grew in the 20-year period from the Spanish-American War (1898) through the close of World War I (1918), from a strength of 60 officers and men to over 200,000, and in many ways shaped the 20th century with its focus on technology. This month's article highlights the changes wrought by the Spanish-American War. Next month, we'll focus on the developments during World War I.

The drivers for this tremendous change were, in the words of the Chief Signal Officer, Brig. Gen. Adolphus W. Greely in 1898, the "insistent demands of the age for instant communication." One of the means for meeting the demands was an open embrace by Signal Corps leaders of the talents and innovations of the academia, industry, and the civilian workforce.

The first challenge came with the declaration of war by Spain on April 24, 1898. Despite the best efforts of Greely, the Signal Corps was then a small, far-flung group of eight officers and 50 men. There were no more than two men at any station, and only \$800 was available for war expenses.

Once an Act of Congress on May 18, 1898, authorized the president to organize a Volunteer Signal Corps, the Regular Signal Corps sprung

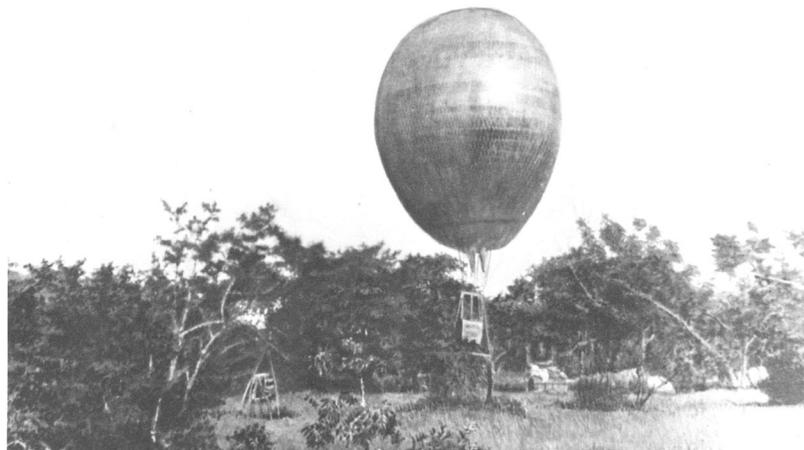


History Highlights

into action. They recruited experienced telegraph operators and electricians from around the country, and fielded the first Volunteer Company within 30 days, in time to make a difference to the Santiago De Cuba campaign.

Experienced men were essential, as the role of the Signal Corps was much increased from the Civil War. In addition to essential duties, such as operation of permanent military telegraph lines and serving as Signalmen for the Havana and Manila Campaigns (operating signal flags, telegraphs, and heliographs) the Signal Corps also had the duties of laying telegraph cables underwater for harbor defenses, connecting telephone lines between forts in the Washington D.C. area, installing electrical lines at Army posts for the fire-control systems required by new disappearing guns, military balloon operations for reconnoitering, telegraph censorship, and construction and operation of telephone and telegraph lines in the field. This would be the first use of telephones in conflict. The Signal Corps also had a photography mission, and would pioneer the use of combat photography during this campaign.

At the end of the brief war, America had shown itself a capable player on the world stage, due in no small part to the efforts of the Signal Corps, but that would not mean a significant increase in the fortunes or staffing of the Signal Corps. Not until the advent of World War I would the nature of the Signal Corps change.





CECOM DOTS and DASHES

“-...- .-...-... / .-...-...-... / .-...-... / ...-...-... / .-...-... / -...
-...-...- / -...-...- / .-...-...- / ...-...-...-...-...-...-...-...-...-...-...-...
/ -...-...-...-...”

The answer to “What’s in the box?” is:

Morse code for - During World War II, APG built the first supersonic wind tunnel.

DISCLAIMER: Dots and Dashes is an authorized CECOM publication for the CECOM workforce. This publication focuses on awards, achievements, people and events internal to CECOM as well as topical and policy updates from staff. Contents of Dots and Dashes are not necessarily the official views of, or endorsed by, the U.S. Government, the Department of the Army, or CECOM. The content of the publication is the responsibility of the U.S. Army CECOM Chief of Public Affairs, Robert DiMichele. The newsletter is published monthly and distributed electronically via email. It is posted to the CECOM SharePoint site at: <https://sp4.kc.army.mil/cecom/home>

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