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Huntsville Center

Bulletin



Photo by James Campbell

James Balocki, chief of the Environmental Community of Practice, U.S. Army Corps of Engineers, speaks to a packed house during the morning session of the Military Munitions Support Services Workshop Dec. 8 at the University Center auditorium, University of Alabama–Huntsville. More than 400 people attended the three – day workshop.

Munitions community gathers for technical workshop

By James Campbell
Public Affairs Office

Experts involved with the complex task of investigating and remediating military munitions sites met to learn and share ideas Dec. 7-9 at the University of Alabama–Huntsville campus.

Technicians and project managers from the U.S. Army Corps of Engineers, Defense Department representatives, federal and state regulators and contractors made up the diverse crowd of more than 450 people attending the 2010 Military Munitions Support Services (M2S2) Workshop.

“We have seen that the Army and the DoD have great confidence in us,” said James B. Balocki, chief of the Environmental Community of Practice, U.S. Army Corps of Engineers. “What’s important to me and to all of you is transitioning sites back to the American people so they can use them — there’s no more noble

goal than that.”

Balocki urged the crowd to accept the challenges of finding new collaborative means and methods for how munitions response sites are remediated.

“We’ve got to mitigate these risks and do this hard work in a way that makes sense to everyone involved,” Balocki said. “Those collaborative solutions are the solutions that will endure.”

The number one issue with the public is trust, and issues raised by the public at a site slated for remediation must be addressed long before the Corps arrives on scene to start work, said Lenny Siegel, executive director of Center for Public Environmental Oversight and self-described environmental activist.

The group Siegel represents promotes and facilitates public participation in the oversight of environmental activities at federal facilities and private Superfund or

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Commander's thoughts

Welcome back everyone! I know a lot of you took holiday and use-or-lose leave as 2010 came to a close.

I hope you enjoyed the holidays, wherever you spent them, and came back to Huntsville Center recharged and ready to execute what promises to be another very busy but exciting new year.

We ended 2010 with a lot of activity in December. We had the Small Business Conference Dec. 7-9 in Grapevine, Texas. These events help us get the word out to small businesses about upcoming opportunities with the Huntsville Center. We also hosted the annual Military Munitions Support Services Workshop. The workshop is an annual event to bring together all members of the M2S2 community, DoD, regulators, contractors, academia and foreign governments to share lessons learned, technology advances and program updates. It is an opportunity for information exchange on issues important to the M2S2 industry.

Earlier in the month we said farewell to Roger Young, who was chief of the Civil Structures

Division, Engineering Directorate. He retired Dec. 2 after 35 years with Huntsville Center.

We had visits from Huntsville City Mayor Tommy Battle and Mr. Richard Kidd, the Deputy Assistant Secretary of the Army (Energy and Sustainability), Office of the Assistant Secretary of the Army Installations, Energy and Environment, who both wanted to talk to us about our energy programs. I think they both left with a better understanding of how we are helping installations meet mandated energy-reduction goals, and the expertise available at the Center.

Also in December, we wrapped up the Combined Federal Campaign. Thanks again to Velma Besteda and her team of key workers who led the Center's efforts. Our goal for this campaign was \$75,000; the generous work force of the Huntsville Center raised \$84,923. Well done one and all!

Our holiday town hall this year was Dec. 17; it gave us a great opportunity to recap the year's accomplishments and have a little fun. At the town hall, I



Col. Nello L. Tortora

reviewed with you our record accomplishments for FY10, our customer service survey feedback and our FY11 Implementation Plan. I would like you to review the USACE Campaign Plan and Huntsville Center's IPLAN, and determine how you contribute to the success of each. Both documents are on our Intranet home page at <https://hnc-ws-intra/>. You can access them in the left-side navigation panel. Thanks to Nikki Dean and the Huntsville Center Activities Association for all the hard work that made the day a success and congratulations to all the contest winners.

As we move into January, we continue testing the new P2 system. So far testing has been going very well. We'll also start testing Windows 7 later this month.

You're going to see a lot of movement toward the end of the month. People may not be

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Hails and farewells

Welcome – Kristin Daggett, Center Contracting; **Sten Hessmer**, Chemical Demilitarization; **Gil Adams**, Internal Review; **Latonia Banks**, Resource Management.
Farewell – Crystal Alleman, Barbara

Rich, Sherri Mattern, Aaron Kelley, Virginia Mitchell, CT; Sherene Opichka, Installation Support and Programs Management; **Dennis Glasser**, Management Review; **Bobby Pace, Lee Jones**, Engineering Directorate. **Deploying to Afghanistan – Jim Walker**, Ordnance and Explosives.



US Army Corps of Engineers

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Commander.....	Col. Nello Tortora
Chief, Public Affairs.....	Debra Valine
Editor.....	William S. Farrow



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The Bulletin asks:

What do you think was the most difficult situation Dr. Martin Luther King Jr. experienced during the civil rights movement from 1955-1968?



Tracy Lynch,
Engineering Directorate

“Dr. King endured boycotts, riots, bombings, beatings, marches, cross burnings and a host of other incidents while fighting for the civil rights of African– Americans. However, I think his making the decision to fight for the rights of others, knowing fully that his actions would make himself and his family a target for violence, had to be the most difficult experience he had to face.”

“I think the most difficult situation Dr. King went through was knowing his life could be cut short before his dream came to fruition. His assassination is certainly one of the greatest tragedies in history.”



Paris Coleman,
Center Contracting



Greg Parsons,
Ordnance and Explosives
Directorate

“I would think that his overcoming that era would have been his greatest challenge – to hold onto his dream for equality.”

Leadership Development Plan II applications due Jan. 6.

Applications can be found on the Intranet at: <https://hnc-ws-intra.hnd.usace.army.mil/BMO/LDP.asp>
For more information, call Atidya Williams at 256-895-1985.

Employee Spotlight: Pat Haas

By Jo Anita Miley
Public Affairs Office

Pat Haas has a very challenging job at Huntsville Center. He oversees the safe construction, contract administration and quality assurance of chemical weapons demilitarization facilities at sites worldwide. He also directs the support to the Defense Threat Reduction Agency and Department of Energy.

Haas joined the U.S. Army Corps of Engineers in February 1999 and worked as a resident engineer at the former Newport Chemical Depot in Newport, Ind., for more than five years.

He began work at the Huntsville Center in March 2005, when he accepted his current position as the director of Chemical Demilitarization.

Additionally, Haas works on a key customer program that focuses on calling on stakeholders who influence current and future business development.

The important message Haas wants his program managers to take to these customers is built around the directorate's core competencies and primary areas of expertise.

He wants to get the word out throughout the Corps that his team is ready to take on new projects.

Haas said another key element of his job relates to business development and getting the message (regarding capabilities) out to customers who often don't know



Photo by Jo Anita Miley

Pat Haas (right) reviews upcoming tasks with employees Barbara Cummings and Steve Light during a recent Chemical Demilitarization Directorate staff meeting.

the directorate is available and ready to assist with their needs.

Haas helps others within the Corps understand just what it is his program does and the value provided as a resource center for other Corps organizations.

Haas said goals one, three and four of the USACE Campaign Plan apply to him from strategic and implementation purposes.

He said recruiting and retaining strong teams are very important aspects of his job.

"Of course, being in my current position as director for the Chemical Demilitarization program, building effective, innovative solutions and recruiting and retaining strong teams remains at the forefront in regards to the campaign plan goals," Haas said.

"I have to make sure our teams are building effective, innovative, sustainable solutions in regards to new infrastructures internationally and in the U.S.

"I am also tasked with keeping people engaged until the projects end," he said.

Employees reporting to Haas said they see the job he does each day making a difference and contributing to the Corps' success.

"Pat is a good mentor and excellent problem solver – a plus for the Corps," said Barbara Cummings, management services specialist for the directorate.

"He always knows what is going on with his employees, and actively engages us to find viable solutions for project needs," Cummings said.

Haas said his most special moments and memories concerning his job have been tied to helping others.

He said the Corps is a family and mentoring others is a role he fills in his role as a leader.

"In my job I get to see to it that they reach their goals, and it just blows me away. This is what I love most about my job," Haas said.

The **Employee Spotlight** is intended to let our Center employees shine for positively impacting our organization through mission achievements. Employees are nominated on a monthly basis, and are also featured on the Huntsville Center web site monthly, and the Headquarters, Corps of Engineers web site on a rotating basis. If you'd like to nominate someone within your office for this recognition, please contact Jo Anita Miley, Public Affairs Office, at 256-895-1585, or e-mail JoAnita.Miley@usace.army.mil.



Photo by William S. Farrow

Huntsville Mayor Tommy Battle (right) and Huntsville Center Commander Col. Nello Tortora chat Dec. 14 at Huntsville Center prior to Tortora providing Battle with a mission brief to help Battle learn about Huntsville Center programs.

MS2S

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Brownfield sites. He emphasized the importance of explaining risks, new technologies and impacts on habitats as early and as often as possible when remediating a site.

“This year’s M2S2 Workshop focused on lessons learned and technology updates from 2010,” said Suzanne Murdock, chief of Huntsville Center’s Military Munitions Division.

The program intentionally included speakers from across the spectrum to air a broad range of perspectives, she said.

“I think the inclusion of these varied viewpoints helped the participants to see the value that each entity brings to this industry.”

The first day of the workshop was designed for DoD staff and included sessions reviewing innovative technology applications used when investigating sites, policy updates, effective communications and project planning.

The remaining two days of the event were open to a broad community that included experts

from other agencies, government regulators and contractors.

Participants attended a combination of plenary and break-out technical sessions focusing on various aspects of munitions response, from public participation to contracting and from sustainable remediation practices to regulatory issues.

The annual workshop is sponsored by Headquarters, U.S. Army Corps of Engineers, and organized by the Environmental and Munitions Center of Expertise.

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where you thought they would be. Chemical Demilitarization Directorate and Installation Support and Programs Management Directorate employees will be moving to different offices. Ordnance and Explosives will be moving to the White Tiger building in early February.

On Jan. 17, we celebrate Dr. Martin Luther King Jr. The holiday, signed into law by President Ronald Reagan, celebrates the life and legacy of a man who brought hope and healing to America.

Please take time to reflect the significance of this event and of

the man in our American history.

2010 was a very busy year for Huntsville Center, and I don’t see that changing in 2011. I hope all of you come back from the holidays well rested and ready to tackle the challenges that lie ahead. Thank you for all you do to make Huntsville Center great! Happy New Year!

Huntsville Center key in building new Fort Hood Darnall Army Medical Center

FORT HOOD, Texas – A ceremonial ground breaking was conducted Dec. 13 for the new \$534 million Carl R. Darnall Army Medical Center that will be constructed to replace the current 45-year-old building here.

Officials from the Department of Defense, U.S. House of Representatives, U.S. Army Medical Command, U.S. Army Corps of Engineers and Fort Hood turned sand at the 70-acre site, signifying the start of the construction project.

Huntsville Center's Medical Facilities Center of Expertise and Standardization was part of the project design team that developed the request for proposal and then selected and awarded the design – build project.

“We remain actively involved in reviewing the developing design,” said David Marquardt, chief, Medical Facilities Center of Expertise and Standardization.

“Our technical team worked the RFP with the district, designer and customer and will continue to review design after award until the design is complete,” he said.

At 947,000 square feet, the new medical center will be 60 percent larger than the current building and will include a six-story hospital tower, three out-patient specialty clinic buildings and three parking garages. It is the largest Department of Defense contract funded by the American Recovery and Reinvestment Act, also known as the stimulus package.

“In the private sector, with the dynamism of health care today, we average a turnover of a major



Courtesy image

An artist's rendition of the new Darnall Army Medical Center, Fort Hood, Texas.

medical facility like this on the order of every 21-24 years. In Army medicine over the last two to three decades, because of an inability to invest in our infrastructure, we have been reduced to turning over our hospitals on a 40-50-year cycle,” said Lt. Gen. Eric Schoemaker, U.S. Army surgeon general and commander of U.S. Army Medical Command.

The U.S. Army Corps of Engineers projects that about 1,000 workers will be on-site at the peak of construction, many from local small businesses.

“The purpose of the Recovery Act was to preserve and create jobs for Americans, promoting economic recovery by investing in projects that would not just make work, but would move America forward,” said Mike McCord, principal deputy under secretary of defense (comptroller).

McCord, who led the Recovery Act program for the Department of Defense, represented President Barack Obama's administration and

the Department of Defense at the ground breaking ceremony.

“Across the department, we have funded more than 80 construction projects and more than 4,400 repair and renovation projects for DoD facilities. I am most proud of these two new hospitals, here and at Camp Pendleton, not just because they're our two largest Recovery Act projects, but because they will benefit more people than any of our other projects,” he said.

“It will provide a quarter of a million people in the Fort Hood community with a state-of-the-art facility that is able to supply them with the care they need and deserve,” he said.

While the current hospital has provided that care for decades, it reached a milestone in 2006, when it was redesignated as a medical center.

Construction officially begins in the spring and the Army Corps of Engineers projects that the new Darnall Army Medical Center will open in the summer of 2015.



Photo by William S. Farrow

Huntsville Center Commander Col. Nello Tortora presents Marine Sgt. Donald Fachko, Battery K, 2nd Battalion, 14th Marines, with a symbolic toy for the Marine Corps Reserve Toys For Tots program during the Town Hall meeting at University of Alabama-Huntsville's student center Dec. 17. Huntsville Center personnel donated more than six large boxes of toys to the program, which provides Christmas gifts to needy children in the community.

Marine Reserve seeks to reduce energy use with Huntsville Center programs

By William S. Farrow
Public Affairs office

The Marine Corps Forces Reserve seeks to reduce energy consumption using Huntsville Center programs.

If Huntsville Center's new Utility Monitoring and Control System program, Advanced Metering, and Meter Data Management System are implemented, the Marines could potentially reduce their energy consumption at 38 Marine Corps Reserve Forces-owned centers located throughout the nation by 20 percent annually.

On Dec. 7, Marine Col. William Davis, MCFR Facilities Operations director, and other key MCFR operations personnel visited Huntsville Center for

a series of meetings regarding an innovative \$4 million Utility Monitoring and Control Systems, Advanced Metering and Meter Data Management System task order awarded in September 2010.

Davis said he also is pressing forward with more than \$30 million dedicated over a three-year period to expand this program and to install and implement additional building controls systems, energy efficient lighting systems, building retro-commissioning measures, renewable energy generation and other energy savings measures. Huntsville Center also will coordinate with MCFR and Marine information management to incorporate these new systems into a Marine Corps-wide facility operation DoD Information Assurance

Certification and Accreditation Process to avoid network connectivity programs currently impacting other DoD agencies.

Huntsville Center representatives from its Energy Engineering Analysis Program, Resource Efficiency Manager, Energy Savings Performance Contracts, Energy Conservation Investment Execution and Furniture and Furnishings Program also met with Davis to discuss their respective energy programs.

Davis expressed his desire to use Huntsville Center as a one-stop shop for major program support and execution. Energy and Furnishings Programs will be working to develop proposals for work requested by MCFR.

Huntsville Center missions surpass \$1.6 billion in fiscal year 2010

By Charles Ford
Director, Installation Support
and Programs Management
Directorate

Contracts for installation support projects awarded by the U.S. Army Engineering and Support Center, Huntsville in fiscal year 2010 totaled an impressive \$1.69 billion, up from \$1.09 billion last fiscal year.

Huntsville Center is the U.S. Army Corps of Engineers' Installation Support Center of Expertise. Its project managers partner with Corps districts; directorates of public works; Installation Management Command headquarters and other federal agencies on projects.

Army Stationing Facilities Support

Purpose – Coordinates facilities requirements analyses and leads planning charrettes for Army installations seeing the move of more than 140,000 personnel during FY 2010-13. ASFS also provides IMCOM with centralized programmatic support for master planning and military construction programming. Support includes managing program resources, normalizing associated costs and assisting with Office of the Assistant Chief of Staff for Installation Management- and IMCOM-directed studies.

FY 2010 – ASFS provided economic analyses for 217 relocatable facilities at numerous installations, including lease and buy analyses and source-of-funding determinations for Corps districts



File photo

Workers install solar panels on the roof of a dining facility at Fort Bliss, Texas. Huntsville Center's Utility Monitoring and Control Systems program is managing alternative energy programs throughout the Department of Defense.

and installations, and put together relocatable facility request packages.

Planning and Programming

Purpose – The Planning and Programming team manages all areas of installation planning from energy planning to physical development planning. Services include planning charrettes, area development guides or plans, real property master plans, comprehensive energy and water management plans, real property inventory updates and infrastructure capacity analysis.

FY 2010 – In addition to ongoing program actions, Plans and Programming awarded 29 requirements analyses, 46 planning charrettes and three area development plans at a value of about \$3.8 million.

MILCON Transformation Center of Standardization

Purpose – The facilities to support an Army organized according to modular concepts are critical to the success

of the MILCON program. Huntsville Center leads center of standardization efforts for 17 facility types and is working with proponents to further develop and modify Army standards for these facilities.

FY 2010 – The COS, in partnership with geographic Corps districts, awarded more than \$86.6 million of MILCON in direct support of this strategic initiative. Following the FY 2009 award of 25 COS facilities, the COS supported the field's construction efforts in FY 2010 through technical support including contractor design reviews.

To aid planning and programming of future facilities, the COS also continued development of template DD 1391s, available through the programming administration and execution processor, for standard facility types.

Ranges and Training Land Program

Purpose – The RTLTP provides program management and

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File photo

A back hoe takes down a 4,830-square-foot structure at Fort Polk, La. Huntsville Center's Facilities Reduction Program manages the elimination of excess facilities and structures, reducing fixed installation costs and achieving energy savings.

engineering support to the range modernization program, which consists of more than 250 Army, Army Reserve and Army National Guard projects. Support includes establishing engineering criteria and standard designs, initial planning and site selection, facilitating planning charrettes and preparing MILCON programming documentation.

RTLTP provides programmatic oversight and technical support to Corps districts responsible for design and construction of range projects.

Project assessments evaluate the project from these functional areas: training capability, surface danger zone capability, constructability and standard design compliance, National Environmental Policy Act, telecommunications infrastructure and unexploded ordnance.

Army Centralized Furniture Program

Purpose – Huntsville

Center is the Army's centralized furniture program manager for barracks and administrative furnishings. Customers include Army Contracting Command and Navy and Air Force installations. Competitive procurements using General Services Administration schedules result in fair opportunities for manufacturers and consistent quality and maximum cost avoidance for the Army. The program also monitors projects after contract award to ensure on-time delivery.

FY 2010 – The Army Centralized Furniture Program executed its largest program ever, obligating more than \$272 million. The program furnished 355 barracks, comprising 61,531 barracks spaces, and 482 administration facilities while avoiding costs of more than \$105 million. Costs were 29 percent under GSA pricing.

Key projects completed or awarded included the Fort Knox, Ky., Human Resource Center of

Excellence; the Aberdeen Proving Ground, Md., Command, Control, Communications, Computers, Intelligence, Surveillance, Reconnaissance complex; the Fort Bragg, N.C., Community Emergency Services Station; the Carlisle Barracks, Pa., Visitor and Education Center; the Presidio, Calif., General Instruction Building; and Fort Bragg's new unaccompanied personnel housing.

Facilities Repair and Renewal Program

Purpose – The FRR Program offers a fast, efficient method for design and execution of all types of facility repairs, renovations and minor construction. This program is available to all districts and their customers as part of the Corps' "one-door-to-the Corps" policy. The key to the program's success is the innovative use of indefinite-delivery, indefinite-quantity service and construction contracts covering all 50 states plus U.S. territories.

The FRR Program has two execution strategies. The architect-engineer IDIQ service contracts provide designs, studies, investigations, surveying and mapping, tests and planning support. The design-build IDIQ construction contracts are multiple-award task-order contracts with design-build capabilities. The task order award process takes an average of 45 days.

FY 2010 – FRR awarded \$60 million in repair, renewal and construction contracts. Two of the 15 awards were American Recovery and Reinvestment Act-funded projects including an award-winning, state-of-the-art visitor center at Table Rock Lake in Branson, Mo.

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Another noteworthy project was the total renovation of the Air Force Personnel Center headquarters facility at Randolph Air Force Base, Texas, valued at \$25 million.

Facilities Reduction Program

Purpose – The sole mission of the Facilities Reduction Program is to cost – effectively remove excess facilities. This year the program awarded \$12.9 million in demolition for the Army, Air Force, NASA and the Army Reserve.

This program searches out and identifies the best industry practices for removal of facilities and has developed regionally focused, multiple-award task order contracts around them. The result is that FRP can put specialized demolition contractors at the right place at the right time to provide our customers with significantly lower demolition costs, minimal time to remove a facility, maximum salvage or recycle credit and maximum landfill diversion. The two most important FRP metrics are cost per square foot and landfill diversion percentage. Army policy requires a minimum of 50 percent of a demolished building's weight be diverted from landfills. By using best industry practices such as maximizing recycling and grinding concrete for use as aggregate and engineered fill, the FRP team has achieved an average diversion rate of 71 percent. FRP contracts awarded in FY10 generated an average cost per square foot for the Army of \$10.85 and will remove 525,000 square feet in excess facilities.

Access Control Point Program

Purpose – The ACP Program,



File photo

Workers install a new guard booth at Grafenwoehr Army Airfield in Germany under the management of Huntsville Center's Access Control Point Program.

centrally funded by the Office of the Provost Marshal General through the Product Manager for Force Protection Systems, provides the equipment needed to prepare entry gates at Army installations for automated entry.

FY 2010 – The ACP Program is more than 40 percent complete. ACP planning and equipment upgrades are installed at 26 of 59 garrisons. ACPs have been prepared to receive the automation installation entry system at 13 of 33 installations on the customer's priority list. Design and planning efforts are complete at 14 of 17 installations and vehicle barrier safety equipment is installed at three of nine installations.

The ACP team initiated plans to improve coordination between the various government agencies that are involved with Army ACPs.

The ACP Program acquisitions are under development for equipment installation and ACP construction, design and maintenance.

Utility Monitoring and Control Systems Program

Purpose – The UMCS Program Mandatory Center of Expertise

supports customers at Army garrisons, Department of Defense and other federal agencies with consistent, high-quality, reliable and cost-effective products and services. Designing, procuring and installing complex monitoring and control systems are specialized skills.

These systems include building automation; supervisory control and data acquisition; advanced metering; fire alarm; heating, ventilation and air conditioning; photovoltaic; and alternative or renewable energy sources.

The UMCS/MCX develops and maintains design criteria, prepares and reviews designs and test procedures, and provides technical assistance during all phases of procurement, installation, testing and commissioning. The team also provides trouble-shooting services. Acquisitions are accomplished through single- and multiple-award IDIQ contracts.

FY 2010 – UMCS awarded about 630 contract actions and obligated roughly \$249 million, which pushed the total active task order award value to more than \$600 million, an increase of 55 percent over FY

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2009's awards of \$161 million.

Electronic Security Systems Program

Purpose – The ESS Program supports customers at Army garrisons worldwide, the National Guard Bureau, Marine Forces Reserve, DoD and other federal agencies. In FY 2009, the ESS Program awarded \$43.5 million in contracts.

FY 2010 – The program awarded \$55.1 million in contract actions to push the total current workload value to almost \$100 million. The FY 2010 contract obligation amount represents a 26 percent increase over the \$43.5 million obligated in FY 2009.

Army Metering Program

Purpose – To comply with the Energy Policy Act of 2005 and the Energy Independence and Security Act of 2007, advanced meters, known as smart meters, are being installed on about 8,700 Army, Medical Command, Army Reserve and National Guard facilities to monitor and electronically report consumption of electricity, natural gas, steam and water.

The meter data will be electronically transmitted to a central database, the Meter Data Management System, which will give energy managers the means to identify excessive energy use, waste and inefficiencies at the facility level.

The MDMS will access facility data such as square footage, functional use and type of construction from the real property inventory to pair with meter readings.

FY 2010 – Metering for 161



File photo

Workers renovate the Nutrition Care Division facility at Fort Carson, Colo. Huntsville Center's Medical Repair and Renewal program provided for more than \$500 million in Department of Defense medical facility repairs, renovations and minor construction projects last year.

IMCOM garrisons, seven Army Materiel Command garrisons, four Reserve garrisons, three continental MEDCOM regions and 240 Reserve sites were awarded. A majority of the projects are located at overseas IMCOM garrisons in Europe, Japan and Korea. Of those, meters have been completely installed at 20 garrisons, and meter systems are fully functioning at seven garrisons, although metering of facilities beyond the program minimum is being pursued by most garrisons.

MDMS received a certificate of networkiness from the Army Networkiness Office and was fielded at Fort Stewart, Ga., Fort Carson, Colo., and West Point, N.Y.

Energy Savings Performance Contracting

Purpose – This program delivers energy- and water-reducing capital improvements that the garrison cannot fund through existing operating funds or other funding sources. In consultation with the garrison, the energy service contractor provides capital and expertise to make comprehensive energy- and water-efficiency improvements and maintains those

improvements in exchange for a portion of the generated savings.

The energy service contractor guarantees that the improvements will generate sufficient savings to pay for the project over the term of the contract, which cannot exceed 25 years.

Headquarters, IMCOM, centrally funds Huntsville Center's efforts to provide this service. More than \$402.8 million in private-sector-financed infrastructure improvements have been constructed at 49 Army installations since FY 2000. Energy savings total about \$45.8 million per year.

FY 2010 – An ESPC project was awarded at Detroit Arsenal, Mich., that included \$11.6 million in energy conservation improvements for heating system decentralization, permanent chiller installation cogeneration and infrared heating with a payback of 16 years 11 months. The guaranteed first year savings is \$1.9 million. At Camp Humphreys, Korea, an ESPC is providing an \$11.8 million energy monitoring control system for HVAC equipment to improve comfort and reduce energy consumption with a payback of 15 years, 8 months. The control system will allow monitoring, scheduling, control and diagnostic capability from a central location.

The guaranteed first year cost savings is \$1.1 million.

Energy Engineering and Analysis Program

Purpose – This program provides holistic optional investment grade energy audits of installations and facilities. EEAP customers include IMCOM, Headquarters, USACE, Army Reserve, the Defense Logistics Agency, the 88th Readiness Support

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File photo

Zussman Village, a Combined Arms Collective Training Facility at Fort Knox, Ky., is one of more than 250 Army, Army Reserve and Army National Guard projects supported by Huntsville Center's Ranges and Training Land Program.

Center, the Air Education Training Command/Joint Base Operations San Antonio and Fort Bliss, Texas.

The core team consists of subject matter experts from Huntsville Center, the Construction Engineering Research Laboratory, Idaho National Laboratory, the Department of Energy and private industry.

The team identifies and develops energy conservation measures, then assists garrison commanders and directors of Public Works in selecting the appropriate execution strategies and in developing capital investment strategies.

The EEAP provides project documentation, e.g., Energy Conservation Investment Program DD 1391s, data for input into IMCOM's Project Priority System, the scope of work for ESPC opportunities, life-cycle project cost estimates and energy savings payback analyses.

FY 2010 – Since fiscal year 2006, 32 IMCOM garrisons have used EEAP to identify projects with an aggregate annual energy savings potential of 6,206,493 British thermal units and annual cost savings potential of \$125.4 million. The average payback is fewer than four years. Thirteen ECIP project DD 1391s were completed, and 24 more are in progress. The Huntsville Center Energy Portal was stood up on Engineering Knowledge Online to facilitate secure upload of required information, energy information sharing and energy conservation measures analyses.

Resource Efficiency Manager Program

Purpose – This program places resource energy managers, who are energy expert consultants, at Army

garrisons to help installations meet energy goals by finding, developing and employing energy conservation measures and renewable energy projects. IMCOM funds the first year of REM services, and the garrison funds the subsequent year options.

REMs have identified energy savings opportunities that yield as much as 10 times their annual salary cost, and they provide valuable assistance in using all energy project funding streams. If the REM does not produce a positive return on investment, his or her contract is not renewed.

Total expenditures on REMs in place amount to \$3.7 million. This amount equates to a total program value of 5.4 times what the Army has invested.

FY 2010 – The REM Program was not centrally funded by Headquarters, IMCOM; however, Huntsville Center awarded contracts for REM Level IIIs at Picatinny Arsenal, N.J., and Fort Irwin, Calif., for a total of \$443,085. Huntsville Center also awarded option year extensions at Fort Bragg's central energy plant and garrison; Fort Benning, Ga.; Military Ocean Terminal, Concord, Calif.; and West Point; for a total of \$956,204.

During fiscal year 2010, REMs identified \$26 million in yearly savings with almost \$20 million in realized savings from executed projects and initiatives. The total project life savings if all REM identified projects and initiatives are implemented by the Army would total \$184 million.

Commercial Utilities Program

Purpose – This centrally funded program ensures utilities are purchased using the best terms and rates

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File photo

Lt. Gen. Rick Lynch, commander, Installation Management Command, asks Soldiers from 2nd Battalion, 18th Infantry Regiment, 170th Infantry Brigade Combat Team how they like their barracks room, and what he can do to improve their living conditions and quality of life. In fiscal year 2010, Huntsville Center's centralized furniture program executed its largest program ever obligating more than \$272 million and furnishing more than 350 barracks.

available, and utilities are resold to garrison tenants in compliance with policies and regulations at fair rates. The Army averages six utility rate hearings annually at which utility companies seek rate increases of 6 to 22 percent. The CUP provides a consultant to represent the Army as an expert witness at these hearings, helping to avoid or minimize increases.

The CUP also assists garrisons in reviewing utility billings to ensure the proper rates are being applied and to catch other errors. The program has achieved savings and cost avoidances totaling more than \$108 million since 2004.

FY 2010 – The CUP saved the Army about \$6.5 million by intervening in two rate increase filings at a cost of \$95,000. Two more filings are under review for potential DoD intervention.

Utility procurement assessments for garrisons in Korea, Okinawa and Japan were completed. The program also assisted the Corps' Pacific Ocean Division with utilities privatization issues and Fort Irwin in negotiations for its water and wastewater treatment plant privatization project. And the CUP provided assistance to Southern Command for utility connections and utility service contracts for the headquarters building under construction at Miami Garrison.

Energy Conservation Investment Program

Purpose – ECIP is a MILCON-funded program to improve the energy efficiency of DoD facilities while reducing associated utility energy and nonenergy related costs. ECIP is a key component of DoD's energy management strategy.

ECIP projects focus on energy and water savings, implementing renewable energy and converting systems to cleaner energy sources. ECIP projects are prioritized based on the greatest life-cycle cost payback as determined by the savings-to-investment ratio.

FY 2010 – Huntsville assisted in awarding and executing 15 energy conservation projects. These ranged from a single solar water heater at Fort Sill, Okla., to a complete power plant renovation at Dugway Proving Ground, Utah. The total for these projects was \$18 million.

Medical Repair and Renewal Program

Purpose – The Medical Repair and Renewal Program provides a fast, efficient method for design and execution of all types of medical facility repairs, renovations and minor construction projects. MRR provides program and project management, engineering,

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University tests training plan for veterans

Army Staff Sgt. Tyler Sloan returned from Iraq with injuries that would affect his life forever. In 2006, he was shot by a sniper in Mosul, Iraq. His wounds required amputation of his right foot and a change in careers.

As the wounded warrior consulted with the Department of Veterans Affairs and considered options for post-military service life, a suggestion was made that he might consider signing up for training at Texas A&M's Engineering Extension (TEEX) to work as an unexploded ordnance technician.

TEEX is one of the few schools in the country that offers UXO Technician Level I training, teaching students to detect, identify and clear ordnance items. Graduates of the four-week course can be certified to work on Department of Defense projects and, with subsequent on-the-job experience, may advance to higher UXO technician levels.

In Sloan's case, there was a potential problem with this career path. Job duties require the UXO technician to use a magnetometer and other magnetic-type instruments. Since Sloan's prosthesis is constructed partially of metal, the staff expressed concern that it could possibly interfere with the use of the



Photo by Carol Youkey

Iraq War veteran Tyler Sloan uses a magnetometer on a course designed to simulate work done by unexploded ordnance (UXO) technicians.

instruments. The only way to see if it was a valid concern would be a trial demonstration to resolve the interference question.

On Nov. 18, two members of the U.S. Army Corps of Engineers, Carol Youkey, the Environmental Community of Practice Special Assistant for Military Munitions, and Bill Veith, a UXO safety specialist with the Environmental and Munitions Center of Expertise, observed a demonstration at the TEEX campus near College Station, Texas. They joined observers from the VA Rehabilitation Center in San Antonio, Texas, the National Association of Ordnance and Explosives Contractors, and PIKA

International Inc., an environmental remediation and ordnance disposal company.

They watched as Sloan used a magnetometer to successfully locate inert ordnance items buried in a test grid by TEEX staff. By adjusting the way he walked through the grid, by leading his step with his non-prosthesis foot and keeping his leg with the prosthetic ankle behind him at all times, there didn't seem to be any interference from the prosthesis.

The group watched as Sloan demonstrated his ability to drop to his knees to dig for the ordnance items, a key component of the process because the ability to dig and perform other physically related duties is a UXO technician job requirement.

Because UXO firms under contract to USACE and DoD organizations are responsible for certifying the qualifications of their employees, ultimately every wounded warrior or other disabled person who goes through the UXO Technician I training programs will be individually assessed and certified by the employing contractors. Youkey and Veith both said witnessing the demonstration was a positive experience. *(Article courtesy Military Munitions Support Services)*

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contracting and construction support to DoD and non-DoD agencies nationwide.

FY 2010 – The program manages more than \$515 million in awarded medical facility repair and renovation projects for MEDCOM, the Air Force, the Navy and the Department of Veterans Affairs. MRR awarded more than \$161 million of this work

in FY 2010, including about \$27 million in American Recovery and Reinvestment Act-funded projects.

Installation Support Center of Expertise

The Installation Support Center of Expertise links state-of-the-art business practices and innovative processes in its partnership with

districts and other organizations by providing comprehensive and cost-effective support to DoD installations.

Through centralized management with decentralized execution, ISCX leverages program management, engineering, contracting and legal matrix expertise embedded in its virtual project delivery teams.

King Day a time to work for better community

A vital figure of the modern era, Rev. Dr. Martin Luther King Jr., was a pivotal figure of the modern era and in the Civil Rights Movement.

This Jan. 17 marks the 25th anniversary of the Rev. Dr. Martin Luther King, Jr. federal holiday.

This milestone is a perfect opportunity for Americans to honor Dr. King's legacy through service.

The MLK Day of Service empowers individuals, strengthens communities, bridges barriers, creates solutions to social problems and moves Americans closer to Dr. King's vision of a beloved



community.

Dr. Martin Luther King Jr. once said, "Life's most persistent and urgent question is: 'What are you

doing for others?'" Each year, Americans across the country answer that question by coming together on the King Holiday to serve their neighbors and communities.

The MLK Day of Service is a part of United We Serve, the President's national call to service initiative. It calls for Americans from all walks of life to work together to provide solutions to our most pressing national problems.

For more information on MLK Day of Service, go to: <http://mlkday.gov/>

Conflict resolution effective EEO complaint option

By William S. Farrow
Public Affairs Office

Statistics from professional sources indicate that managers spend between 19 and 31 percent of their time dealing with work place conflict.

If a manager becomes involved in a dispute with an employee, another manager or other colleagues, mediation – the intervention in a dispute of an impartial third party who has no decision-making authority – can often help resolve issues in a private, inexpensive and timely manner, allowing the parties to get back to the job of accomplishing the mission.

The U.S. Army Corps of Engineers has selected mediation as the preferred Alternative Dispute Resolution method to resolve employment related disputes.

"Mediation enhances the possibility of creating a 'win-win' solution," explains Angela Morton, Huntsville Center Equal Employment Opportunity Officer.

"Parties have maximum opportunity to freely express their interests and gain an understanding of the full scope of the problem which allows the parties to make a more informed decision about the resolution," she said.

Morton said when the informal EEO complaint process is initiated, the EEO officer or counselor provides the aggrieved (Corps employees, current and former, who initiate a pre-complaint on matters arising during their employment with the Corps) with the initial information on the ADR program along with a memorandum explaining the rights and responsibilities of the complainant.

Following consultation with the ADR team (the EEO officer, labor counselor and Civilian Personnel Advisory Center representative) to determine appropriateness of complaint issues for ADR, the aggrieved may voluntarily choose to participate in the ADR process.

"The objective of this

intervention is to assist the parties to voluntarily reach an acceptable resolution of the issues in dispute," Morton said.

Besides time and money, Morton said unresolved conflict can create uncomfortable working environments, long-term damage to working relationships, poor morale, lower productivity, stress or illness which increases absenteeism and destructive situations and eventually could result in the loss of an employee who is performing an essential function.

Morton said the positive aspects of using mediation are so parties resolve disputes themselves and it encourages open communication. She said mediation also avoids protracted processing and litigation, saves resources and time, and improves working relationships and retention rates.

"Bottom line is mediation facilitates mission accomplishment," Morton said. For more information, call Angela Morton at 256-895-1573.

Ethics Corner

Get to know your ethics official

**By Chris Paden
Office of Counsel**

For the vast majority of you, this article is a review of what was stated in the 2010 Annual Ethics Training. In fact, this information was one of the “four most important slides” I presented during the training.

That slide simply had my boss’s, Margaret Simmons’, contact information (256-895-1100). The reason that simple slide was so important is because it stated that Margaret Simmons is the Huntsville Center’s Designated Agency’s Ethics Official.

What is so important about knowing who the DAEO? Well, it’s simple. The DAEO has the ability to provide you with ethics advice that, if followed, will provide you some protection from the penalties for violating an ethics rule.

In other words, the DAEO can give you a quasi “get-out-of-jail-free” card, so to speak.

The ethics rules state at § 2635.107: Ethics advice:

Disciplinary action for violating this part or any supplemental agency regulations will not be taken against an employee who has engaged in conduct in good faith reliance upon the advice of an agency ethics official, provided that the employee, in seeking such advice, has made full disclosure of all relevant circumstances. Where the employee’s conduct

violates a criminal statute, reliance on the advice of an agency ethics official cannot ensure that the employee will not be prosecuted under that statute. However, good faith reliance on the advice of an agency ethics official is a factor that may be taken into account by the Department of Justice in the selection of cases for prosecution.

The advice that the DAEO provides isn’t really a get-out-of-jail-free card; however, the Department of Justice will use your good faith reliance as a factor to determine whether you’ll be prosecuted for the violation.

More importantly, and more applicably, is that the advice of the DAEO protects you from disciplinary action if you follow the advice of the DAEO. There is a caveat, however.

The statute states this immunity from disciplinary action is conditioned on “the employee, in seeking such advice, has made full disclosure of all relevant circumstances.” In other words, so long as you provide a full disclosure of the facts and circumstances surrounding your dilemma, following the advice of the DAEO protects you.

But remember, as stated in the 2010 ethics training, the worst thing you can hear from a DAEO is “If I knew that, my answer would have been different.”

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