



MESSAGE TO THE REGIMENT #76:

“The Engineer Blast”

June, 2010

A. Overview: The Office of the Chief of Engineers is pleased to forward this 76th version of “The Engineer Blast”.

Thanks for all you do and stay safe – enjoy the “BLAST!!”

NOTE: In order to further enhance communications from the major entities of the Engineer Regiment to the field, the Office, Chief of Engineers (OCE) is facilitating a process to spread Engineer knowledge from the United States Army Corps of Engineers (USACE), The United States Army Engineer School (USAES), Engineer Branch, other Engineer agencies, and our office in the Pentagon. All links should work for .mil computers.

The following general officers are promoted to the ranks indicated below from 2 May through 1 June 2010:

Lieutenant General John E. Sterling, Jr. is currently serving as the Deputy Commanding General/Chief of Staff, United States Army Training and Doctrine Command, Fort Monroe, Virginia.



The following general officers are promoted to the ranks indicated below from 2 May through 1 June 2010:

Brigadier General Scott F. Donahue is currently serving as the Commanding General, United States Army Engineer Division, South Pacific, San Francisco, California.

Iraqi Briefing featuring BG Ken Cox



Iraq Briefing

14 June 2010

CLICK TO VIEW THE VIDEO

(If this video comes up blocked by your browser, delete the “blocked” in front of “http” in your browser window.)

Engineer Memorial Wall

One of the highest priorities of the AEA is to recognize all Army Engineers who have given their lives in the defense of the United States of America. Equally important is to recognize those Engineers who received wounds in combat resulting in the award of the Purple Heart.

AEA is accepting donations to support the design and construction of the Memorial Wall for Fallen Engineers to be located in the “Sapper Grove” at Fort Leonard Wood, Missouri—home of the Army Engineer Regiment. For more information, go to http://www.armyengineer.com/memorial_wall.html



This wall represents the entire Engineer community - every Officer, Warrant, Enlisted and Civilian – active and retired. We bear the responsibility for its completion. Please visit the web site if you can help.

20th Engineer Brigade Training Conference, 2-5 August 2010

The 20th Engineer Brigade, in conjunction with the Fort Bragg Chapter of the Army Engineer Association, will host the 20th Engineer Brigade (Combat) Training Conference, focusing on OEF & OIF Lesson Learned. The conference will take place from 2-5 August 2010 at the Holiday Inn Bordeaux in Fayetteville, NC. The purpose of the conference is to share and disseminate lessons learned from all units who recently deployed, and institutions that supported all aspects of their deployment, and to identify gaps in common understanding among deployed engineer units and staffs, as well as the joint and Army supporting agencies and commands. The target audiences are senior leaders from Army and joint engineer units with recent deployment experience, units preparing to deploy, key staff from institutions that have a role in training, resourcing, and supporting deployed units, as well as friends of the Brigade that will be recognized for their outstanding support during the Brigade’s most recent deployments. The conference will include a formal reception on the evening of 4 August at the Holiday Inn.

The point of contact is CPT Claudia Crossland at claudia.crossland@conus.army.mil or (910) 396-2830.

The conference website is now operational and online registration is available through this site along with

information on hotel reservations and the conference agenda:

http://www.armyengineer.com/20_en_bde_conf_10.html

We look forward to seeing you at the conference and please do not hesitate to contact us if you need additional information or if we can assist in answering any questions.

B. The U.S. Army Corps of Engineers (USACE) provides the following information: "Corps e-spondence" – Chief's Blog

1. 16 June 2010.

Teammates,

Happy Birthday Corps!!

Today marks the 235th Birthday of the U.S. Army Corps of Engineers. The strength and resolve of our team are as strong today as when the engineers of the Continental Army formed into the Corps of Engineers on June 16, 1775.

As we celebrate this day, I'd ask that every USACE team member take a brief moment to remember those on whose shoulders we stand.

Many challenges remain for us. Your best efforts are necessary as the Corps team supports two overseas contingency operations, strengthens the infrastructure of our country and readies to support or prevent the next disaster at home and abroad. Thank you for helping take the Corps from Good to Great!

Happy Birthday Corps!

BUILDING STRONG.

Van

2. Homeowners Assistance Program (HAP): The Department of Defense (DOD) is proud to offer the Homeowners Assistance Program (HAP) to eligible service members and federal civilian, including non-appropriated fund, employees. The program is authorized by law, and administered by the US Army Corps of Engineers (USACE) to assist eligible homeowners who face financial loss when selling their primary residence homes in areas where real estate values have declined because of a base closure or realignment announcement.

The American Recovery and Reinvestment Act of 2009 (ARRA) temporarily expands the HAP to assist service members and DOD employees who are wounded, injured or become ill when deployed, surviving spouses of service members or DOD employees killed or died of wounds while deployed, service member and civilian employees assigned to BRAC 05 organizations, and service members required to permanently relocate during the home mortgage crisis.

The official Department of Defense (DOD) site for the Homeowners Assistance Program (HAP) is <http://hap.usace.army.mil> .

Any other web site that presents itself as a HAP site should be reported to DODHAP1@usace.army.mil

3. If you are a looking for an [Engineer position opportunity, check this link for availabilities](#). Some postings may not be with USACE. New opportunities listed as of 25 Jun 10.

4. **Engineer Publications:** [The U.S. Army Corps of Engineers Response to the Exxon Valdez Oil Spill](#)
5. [The Gulf Region District \(GRD\)](#) GRS: [Newsletter](#)

Type	Release Date	Title	Photos	Region	Author
People	6/22/2010	USACE engineers step up to help young rabies victim	Hi-Res	GRD	Mike Scheck
Project	6/16/2010	Renovated barracks increases capacity and quality of life for the Iraqi army	Hi-Res	GRD	Marcus Spade
Release	6/14/2010	Winning Hearts, Minds and baa...Sheep	Hi-Res	GRD	Colin Duncan
Report	6/8/2010	USACE takes steps to maintain its legacy in Iraq	Hi-Res	GRD	Vincent Marsh & Mike Scheck

6. [Afghanistan Engineer District North \(AEN\)](#)

The Freedom Builder: The on-line Field Magazine of the Afghanistan Engineer District North: [June 2010](#)

7. [Afghanistan Engineer District South \(AES\)](#)

Engineering Freedom: The on-line Field Magazine of the Afghanistan Engineer District South. [May/June 2010](#)

8. The following information is provided by the 412th Theatre Engineer Command—LTC Forte

Overseas Contingency Operations

The 412th Theater Engineer Command (TEC) is preparing 19 units for deployment in support of Overseas Contingency Operations (OCO). Seven of these nineteen units have already received mobilization orders for OCO, while ten others are in receipt of alert notification orders. The remaining two units remain on the Deployment Expeditionary Force (DEF) list in support of OCO. With ten additional units currently deployed overseas, the 412th TEC commitment to supporting Overseas Contingency Operations is considerable. That commitment becomes even more daunting when accounting for the individual mobilization commitments that the command and its subordinate formations have met. That individual mobilization commitment to OCO increases by nearly 100 individually mobilized Soldiers from throughout the TEC. The 412th TEC and its subordinate brigades, the 302d Maneuver Enhancement Brigade (MEB) of Westover, Massachusetts, the 411th Engineer Brigade based in New Windsor, New York, and the 926th Engineer Brigade, headquartered in Montgomery, Alabama have each answered the call to fill individual mobilization requirements in support of both Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF). These individual mobilizations and deployments fill critical requirements identified by combatant commanders and serve to ensure that commanders success in the field.

Training

The 412th TEC has completed the final planning conference for Operation River Assault 2010, and has handed over the mission to the 926th Engineer Brigade to execute. The river crossing operation, which occurs at Fort Chaffee, Arkansas between 09 and 24 July 2010, is the culminating event in a yearlong training program. The exercise is an ARFORGEN Year 2 functional training event with collective training at the Squad and Platoon level; the exercise culminates in a collective (walk-phase) deliberate wet gap crossing utilizing the Improved Ribbon Bridge to conduct a full enclosure of the Arkansas River. In this year's exercise scenario the 412th TEC conducts Command and Control (C2), through the skilful tutelage of the 926th Engineer Brigade based in Montgomery, Alabama. Throughout the exercise the 926th brigade executes C2 of (5) Mobility Augmentation Companies (MAC), (2) Multi-Role Bridge Companies (MRBC), (1) Clearance Company (CLR), (1) Military Police Company and (1) Aviation Detachment.

Eighteen Soldiers from the 459th Engineer Company (MRBC) based in Bridgeport, West Virginia reported on short notice to assist in the UMR assessment, which is ongoing at Fort Chaffee, Arkansas.

Force Programs

The 412th TEC Force Programs staff is working closely with the 81st and 99th Regional Support Commands to complete stationing packages and other arrangements for the pending activation of nine Forward Engineer Support Team, Advance (FEST-A) and one Forward Engineer Support Team, Main (FEST-M). The activations of these all Reserve Component MTOE structures are the next step in the implementation of Field Force Engineering (FFE) throughout the regiment. At this time, six of the ten Field Force Engineering units have received permanent orders. Those units are the 328th EN Det (FEST-A), Montgomery, AL, 334th EN Det (FEST-A), Huntsville, AL, 484th EN Det (FEST-A), Fort Eustis, VA, 604th EN Det (FEST-A), Orlando, FL, 791st EN Det (FEST-A), Fort Drum, NY, and the 953d EN Det (FEST-A), Fort Dix, NJ. The four remaining actions are the activations of the 368th EN Det (FEST-M) in Decatur, GA, 425th EN Det (FEST-A), Chicopee, MA, 865th EN Det (FEST-A), Fort Bragg, NC, and the 714th EN Det (FEST-A), Fort Knox, KY. The Force Programs team is working the activation packages for six more units under the "Grow the Army" program. These six units will round out the capabilities of the regiment. Additionally, the Force Programs staff is coordinating through the 412th TEC G-37 and USACE in their efforts to develop training strategies aimed at bringing these units to full material and training readiness in a rapid and responsible manner.

Short Range

From 18 to 21 June 2010, MG Paul F. Hamm and CSM Ronald Flubacher observe elements of the 479th Chemical Battalion, 302d Maneuver Enhancement Brigade (MEB) as they participate in OPERATION RED DRAGON at Fort McCoy, Wisconsin. The 302d MEB and the 479th Chemical Battalion are just two of the many examples of the versatility of the Engineer Regiment and the Theater Engineer Commands. The multi-disciplined make up of the 302d MEB includes not just a Chemical Battalion but also a Military Police Battalion a Brigade Support Battalion and an Engineer Battalion. The structures integrate under the command and control of the MEB headquarters and receive their training readiness oversight from the 412th TEC. On 10 July 2010, MG Hamm presides at the Change of Command ceremonies for the 844th Engineer Battalion based in Knoxville, Tennessee. LTC Adam S. Roth closing out his highly successful command tenure and relinquishes command to LTC John D. Wolfe II. Between 16 and 18 July 2010, MG Hamm conducts a battlefield circulation visit with the 391st Engineer Battalion, based in Greenville, South Carolina. The 391st Engineer Battalion is conducting its extended combat training at the National Training Center (NTC) on Fort Irwin, California. The commander then travels to Fort Chaffee, Arkansas between 20 and 22 July 2010 to observe OPERATION RIVER ASSAULT as the 926th Engineer Brigade, based in Montgomery, Alabama commands and controls a task-organized force that will complete a full closure bridging of the Arkansas, River.

Long Range

The 412th and the 416th TEC continue staff coordination with the United States Army Corps of Engineers in support of planning for future CONOPS support and are preparing cooperative training events designed to ensure the seamless integration of each element in the others operations and contingency responses.

These engagements between the TEC's continue to capitalize on opportunities for each command to compliment the others readiness for operations worldwide. Examples of these engagements include the TEC's combined efforts to develop training plans the Deployable Command Posts (DCP's) in support of Overseas Contingency Operations, Defense Support to Civil Authorities and Training Missions in support of Combatant Commanders in exercises such as KEY RESOLVE 2011 and Ulchi Freedom Guardian 2010 and 2011.

The 412th TEC continues shaping operations, developing combat power and setting conditions for systems linkage enabling three Brigades totaling 12,000 Soldiers connectivity in all applicable personnel, logistic and operational systems. Both the 412th TEC and the 416th TEC continue joint efforts to develop strategies that support Army Service Component Commanders (ASCC) and Combatant Commanders (COCOM) needs to integrate the Theater Engineer Commands in training and operations that support the United States Army Reserve Command (USARC) mission of maintaining an operational reserve force. Additionally, the TEC are exploring opportunities to gain both efficiency and shared situational awareness through working jointly on theater specific missions and training programs. These collaborative efforts aid in the development of orders and annexes in support of ASCC and

COCOM operations around the world.

9. **The following information is provided by the 416th Theatre Engineer Command: CPT Olodun**

10. To view "[The Corps Environment](#)", a quarterly newsletter, you are invited to click on the hyperlink:

C. The [US Army Engineer School \(USAES\)](#) provides the following information:

Counter-IED Training Standardization:

The Army has been at war on terrorism for nine years fighting an enemy whose primary casualty producing weapon has been the improvised explosive device (IED). The undeniable intent of criminals, terrorists, insurgents, and other adversaries to employ the IED to their advantage in any battlefield environment has led us to recognize the IED as an enduring threat to Army. As a result, CIED training for Soldiers has been a growth industry that has outpaced the ability of the Army to ensure the training is relevant and current to the future Army.

On 15 OCT 09, TRADOC Commander tasked the Maneuver Support Center of Excellence (MSCoE) as the TRADOC lead for IED Defeat (IEDD), in collaboration with Major Subordinate Organizations (MSO) and Centers of Excellence (COEs) within TRADOC, to develop an integrated and standardized program for CIED training. The standardized training program addressed the three principal elements of IEDD—the Device, Signatures, and the Network—and included both training and education of individual Soldiers and leaders. In collaboration with other stakeholders and per directive, MSCoE developed a corresponding matrix that aligned the three elements of IEDD with training and education outcomes at echelons from initial military training (IMT) and throughout professional military education (PME). Finally, MSCoE was tasked to coordinate the development of tasks and training support packages (TSPs) for export across TRADOC that described the baseline training and education which each of the respective institutions would integrate to achieve the approved outcomes.

MSCoE (in conjunction with USAES and the IEDD, ICDT) presented a decision briefing on TRADOC CIED Training Standardization to the TRADOC CG during the 10 June 2010 TRADOC Synchronization Meeting (TSM). The presentation was the result of over 6 months of work by the IED-Defeat Integrated Capabilities Development Team. The briefing recommended approval of integrating common core CIED task in to all IMT and PME; approval of standardized supplemental CIED tasks; CIED Governance process run by the IEDD ICDT; and, shifting main effort towards institutionalizing JIEDDO and OCO funded Army contingency training. The TRADOC CG approved all recommendations in the briefing and tasked MSCoE to build an awareness program within the Army of the efforts within TRADOC to adapt the force for the CIED effort.

2010 Engineer CAAT

USAES participated in a CAAT study in late 2008 and completed the OIF Initial Impressions Report. This document was helpful in guiding our DOTMLPF solutions for the past 18 months, and we've wanted to do a companion study for OEF. The USFOR-A Engineers, in conjunction with the Center for Army Lessons Learned (CALL), recently supported our pursuit of this companion study. The Engineer School is now scheduled to deploy to Afghanistan in August. In preparation to execute this effort we are now compiling the Collection Plan. This year's focal areas are: Support for Stability Operations, Command & Control, Mobility Operations, Base Camps, and Engineer Officers & NCOs in Full Spectrum Operations. If you have any questions you can direct them to the Team Chief is COL Aaron Walter, aaron.walter@us.army.mil, and the XO is LTC Mike Mismash, Michael.mismash@us.army.mil.

4th Engineer Battalion – Regional Command South (RC-South) Lessons Learned

The 4th EN BN was mission aligned to RC (S) with a Navy Construction Regiment (NCR) designated as their higher headquarters. The provided hyperlink below provides the downloading of 4th Engineer Battalion's extremely well done and insightful AAR.

The 4th Engineer battalion had a tough mission in which many hard won lessons for the future have been identified. The time and effort made by those people provided by the Battalion and their contribution to this AAR made it extremely worthwhile. The frank and honest input will assist units deploying in the future to be well trained, prepared and equipped. It is clear that the insurgents in Afghanistan continue to observe ISAF forces and adapt their methods in order to exploit any weaknesses they observe. It is essential that the units deploying conduct flexible training so that they can adapt to the changing situation they will face and facilities like the CEHC must continue to capture these lessons and adapt contingency training to best prepare units to defeat these complex threats.

Hyperlink: <https://www.us.army.mil/suite/files/23359324>

Fall Regimental Command Conference

The next Regimental Command Council is tentatively scheduled for 17-18 September 2010. This is a Friday/Saturday. We'll meet on Friday afternoon and all day on Saturday. Location will be at Devils Lake, North Dakota.

Target audience remains the following:

- Bde level Cdr, CSMs, and CW5s
- COL district commanders
- ASCC Engineers
- COCOM Engineers
- Key HQDA Staff engineers (OCE-P, G3, G8)
- TEC G3 / CoS
- USACE G3 / CoS
- FORSCOM Engineer
- TRADOC Engineer

Details will follow as we get closer. We are naturally soliciting the field for topics that you would like to see on the agenda and for topics that you would like to present to the group. Stay posted to the USAES Commandant's Corner. Point of Contact is Mr. James Rowan, james.rowan@us.army.mil

Follow this link to join:

<https://www.kc.army.mil/book/groups/usaes-commandants-corner> Access to milBook requires AKO/DKO credentials or a registered CAC. If you are not a milBook member you will be automatically registered and a profile will be created from your existing AKO/DKO profile.

US Army Engineer Museum

The U.S. Army Engineer Museum has embarked on a major renovation project for its two main galleries. The first gallery has been upgraded with new displays, graphics, and lighting. It will serve as the principal gallery during the renovation of the second gallery. This renovation will take approximately 12-14 months. It will consist of new displays, dioramas, and interpretations of Engineers in OIF and OEF and interpret the main engineer functional areas of mobility, countermobility, construction, and geospatial engineering. Once the second gallery has been completed, the first gallery will be closed for its major renovation. The first gallery will continue to tell a chronological story of the engineers from the American Revolution to Desert Shield/Desert Storm. This renovation will also involve new displays and dioramas, and will take approximately 12-14 months

to complete. As always, the Museum welcomes the donation of artifacts and equipment that demonstrate the Engineers' missions and accomplishments. We are in particular need of artifacts from recent operations. The point of contact for this effort is Dr. Larry D. Roberts, the Director of Historical Programs for the Engineer School. His e-mail is larry.roberts1@us.army.mil, Tele- (573) 563-6109 or DSN 696-6109.

Steel de Fleury

Based on input from senior Commanders and their Sergeants Major of the Regiment, the requirement for an award to recognize junior Soldiers and civilians within the Engineer Regiment was identified. Thus the "Steel de Fleury Medal" was created.

The medal may be awarded to personnel in the grades CPT-1LT, SGT-SSG, WO1-CW2, GS 4 – GS 11 and SPC serving on their first reenlistment.

Approval authority is LTC Command or higher who are current members of the Army Engineer Association. Military and civilian personnel from the Active Army, Army Reserve, USACE and National Guard are eligible to be awarded the Steel de Fleury Medal. Nominee cannot have been awarded any other level of the de Fleury medal. No more than five Steel de Fleury Medals can be awarded within a Battalion, District or Brigade/Division Headquarters per fiscal year. Echo companies and Engineer detachments will not award more than one per fiscal year. The approval authority for all Echo companies is the Division Engineer who must be a current member of AEA. Engineer detachments who do not have an engineer LTC or higher the approval authority is their component Deputy Assistant Commandant at the United States Army Engineer School.

The cost of the Steel de Fleury Medal is \$45.00 which includes a certificate, medal, presentation box and shipping. AEA will maintain a database with awardees name, rank, unit and date presented to insure no element exceeds its fiscal year allocations.

To download the Steel de Fleury Medal application form go to the following link:
http://www.armyengineer.com/Steel%20de%20Fleury_form.pdf.

Total issued to date: 13

Engineer Personnel Proponency Office Notes

Officer Skill Identifiers (SIs). The Engineer Regiment is in the midst of updating DA PAM 600- 3, Commissioned Officer Professional Development and Career Management, dated 1 February 2010. An important addition to the PAM is the planned integration of the following nine skill identifiers: Explosive Ordnance Clearance Agent, Sapper Leader, Facility Planner, Geospatial Officer, Professional Engineer, Degreed Engineer, Project Management Professional, Project Engineer and Environmental Engineer. The SI initiative directly supports the USAES Campaign Plan, Develop Engineer Leaders: Line of Effort (LOE) 2, Decisive Point (DP) 2-3.

A formal Military Occupational Classification and Structure (MOCS) Proposal - Recommended Change to DA PAM 611-21 - Establish Skill Identifiers and Additional Skill Identifiers etc., will codify the recommended SI changes and drive requirements to legitimize courses such as the Sapper Leader Course. The SIs will support career development, officer tracking, and management of assignments to develop multiskilled Engineer officer to meet the Army's need and the goals of the officer. It is expected that officers will be managed and assigned to coded positions based on the officer's SIs. An officer will select which skill training meets their personal developmental goals and the technical focus they would like to have in their career. The skill training and classification will allow the Army to fill coded positions with officers who possess the right mix of skills.

SAPPER ASI. The Engineer Personnel Proponency Office (EPPO) is currently working to document all 21B Sapper School graduates with an ASI for Sapper School completion. We are additionally planning to code specific positions within certain Engineer units with this new Sapper ASI. It is time for Soldiers within our ranks to finally have the requirement to attend the course, to better accomplish the mission of the maneuver

commander.

Installation Engineer Enlisted Visits. The EPPO will be embarking on Installation Engineer Enlisted Visits this summer/fall and should be coming to an installation near you soon. We are currently planning to visit Fort Hood Engineers in September with Fort Lewis, Fort Carson, and Schofield Barracks following first quarter FY11. The intent of the installation visits is to call together as many of the Engineer tribe as possible and provide personnel proponency updates on such matters as enlisted promotion books and guidance, DA promotion board analysis, engineer MOS specific updates, and future changes on the horizon. If you would like for us to visit your installation, let us know and we will launch a team.

National Boy Scout Jamboree. This summer EPPO will be supporting the 2010 National Boy Scout Jamboree at Fort A.P. Hill, Virginia. The jamboree takes place every 5 years and this year will run from 26 Jul-04 Aug 2010. This is the 100th anniversary of the Boy Scouts of America (BSA) and the event is expected to draw over 45,000 Boy Scouts and 250,000-300,000 visitors. The main supporting unit from the Regiment is the 20th Engineer Brigade. There will be an Armed Forces Adventure Area for Boy Scouts that will have various military displays and events for the Boy Scouts to participate in. In addition, there will be a Merit Badge Midway where Boy Scouts will have an opportunity to earn all Boy Scouts of America merit badges.

WARRIOR Forge Support. Each year we participate in an ROTC engagement called Warrior Forge, which is held three separate times at Fort Lewis Washington during July. Historically we enlist the help of personnel from various units across our Regiment. These personnel provide a diverse array of knowledge and subject matter expert to inform and educate 6500 cadets on the career opportunities within the US Army Engineers. Our goal is to convince these eager ROTC cadets that the best place to be is a SAPPER supporting maneuver operations from within the Engineer Regiment.

Center for Counter Explosive Hazards (CEHC)

See EEOCA Schedule below. Late TRAP approval for FY 10 has opened EEOCA seats. CEHC has already contacted Engineer Units on the TPFDD that could potentially take advantage of some of these courses. However, there are over 3000 ASI coded positions within the Engineer Regiment Reg requiring this tng/certification. If you can get info to MACOMs/respective component units and help insure these seats are not wasted it would be of great value. There should also be a blurb in the next EN Blast regarding the seats.

Reminder...EOD owns this instruction....CEHC can't affect scheduling but course is in ATTRs.

<u>Class #</u>	<u>Start</u>	<u>End</u>	<u>Seats available</u>
523	JUN-22-10	JUL-20-10	18
524	JUN-25-10	JUL-23-10	18
507	JUL-13-10	AUG-9-10	06
526	JUL-14-10	AUG-10-10	18
527	JUL-21-10	AUG-17-10	18
530	AUG-11-10	SEP-8-10	18
532	AUG-18-10	SEP-15-10	18
015	AUG-25-10	SEP-22-10	01
535	SEP-9-10	OCT-6-10	18
537	SEP-16-10	OCT-14-10	18

Directorate of Training and Leader Development

The Joint Engineer Operations Course has been very successful over the past several weeks. A notable accomplishment is the successful completion of the Joint Engineer Operations Course, Class 10-03, 14-17 June at the US Air Force Institute of Technology (AFIT), Wright-Patterson, AFB, OH. The class successfully trained 58

Joint Engineers.

Another notable accomplishment is the Joint Engineer Operations Course receiving a listing number in the Army Training Requirements and Resource System (ATRRS) Number. The number is: 4A-F16/030-F20 (DL) for the distributive learning and 4A-F16/030-F20 for Resident. The Air Force Institute of Technology also lists the JEOC class in their course catalogue as “Management 590”.

The JEOC Team is refining the DRAFT Program Management Plan (PMP) for the Joint Engineer Operations Course based upon initial feedback from the Joint Engineer Service Representatives. The PMP was distributed for staffing through the Doctrine Training Working Group (DTWG) on 17 May 10. The Program Management Plan is scheduled to be complete by EOM September.

JEOC 10-04: 26-30 JUL 2010 @ Port Hueneme, CA (CECOS) is still on track and full.

JEOC 11-01: 1-5 Nov 2010 @ Quantico, VA (USMC Engineer School) is on track and filling early.

Pre-requisite dL phase is open 90 days prior to class start date. Enroll through the Joint Knowledge Online at the Joint Operational Engineer Community of Interest or Mr. Dwayne Boeres at (573) 563-7065, or dwayne.boeres@us.army.mil .

JEOC POC is Shawn Howley, at 573-563-5088, email: shawn-howley@us.army.mil

The Collective Training Division receives a substantial amount of calls and emails requesting how to find engineer training materials or doctrine updates. There is an issue across the regiment that our training materials or Doctrine changes/updates are not reaching the War fighter. The materials consist of Combat Engineering and Construction Engineering Collective tasks/Drills. We also have established some VBS2 videos to help strengthen our CIED drills. Please disseminate this information to the lowest level. The link to the Collective Training materials is below.

COLLECTIVE TRAINING DIVISION POC's

Chief: Mr. Donald Durst donald.durst@us.army.mil

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Again, we appreciate all that you do for the fight, and we're looking forward to hearing/reading your comments and suggestions.

Thank you and have a great day.

The USAES Collective Training Team

COLLECTIVE TRAINING LINK ON AKO

<https://www.us.army.mil/suite/portal/index.jsp>

Directorate of Environmental Integration

FM 3-34.5, Environmental Considerations, dated February 2010 - The new resource for environmental considerations in military operations, Field Manual (FM) 3-34.5/Marine Corps Reference Publication (MCRP) 4-11B, has been released to the Army Publishing Directorate. It should be available on their website soon. FM 3-35.5 supersedes FM 3-100.4, Environmental Considerations in Military Operations. It was released in draft format under the title Environmental Considerations in Full Spectrum Operations, but the title was shortened to simply Environmental Considerations. FM 3-34.5 establishes and explains the principles of environmental support in full spectrum operations and the ways in which the United States Army and the United States Marine Corps (USMC) commanders develop and implement command environmental programs. This manual supports the doctrine found in Joint Publication (JP) 3-34, FM 3-0, FM 3-34, and FM 3-34.170/Marine Corps Warfighting Publication (MCWP) 3-17.4. This manual provides guidance on integrating environmental considerations into the conduct of operations. It defines environmental considerations and provides guidance on their integration into the operations process. This manual also provides guidance on the development of command environmental programs and standing operating procedures (SOPs) to support operations and training.

Commander's Handbook: Waste Management Operations for Deployed Forces, dated April 2010 - The Directorate of Environmental Integration (DEI) has completed the development of a new resource to assist with Waste Management Operations for deployed activities. It will eventually be published as GSTM 3-34.56, Waste Management Operations, which is soon to be sent for its final draft worldwide review. Until such time as this reference is completed, the same information is being published as Commander's Handbook: Waste Management Operations for Deployed Forces in order to get the resources out in a timely manner. A Soldier in the field can generate up to 20 pounds of solid waste and 80 pounds of liquid waste per day. For a brigade-sized unit, this can amount to over 100 tons of generated waste per day. If not properly dealt with, this waste can contaminate food and water sources, contribute to the spread of disease, and permanently harm the environment. Recent experiences in Iraq and Afghanistan have demonstrated some of the consequences when waste generation is not considered early in the planning phase, or when it not responded to effectively. This includes such things as health-related concerns associated with trash burning and the negative impacts (both in terms of time and money) on base camp transfers and closures due to residual environmental issues.

Environmental Baseline Survey and Occupational Environmental Health Site Assessment Handbook: Contingency Operations (Overseas), dated December 2009 - The Environmental Baseline Survey Handbook: Contingency Operations (Overseas), dated September 2005, has been updated and is available for distribution. This handbook contains guidelines for conducting an Environmental Baseline Survey (EBS) and now also includes guidance for conducting the Occupational and Environmental Health Site Assessment (OEHSA) preventive medicine survey. The EBS and OEHSA are assessment tools used on areas US forces may occupy to identify potential health threats and environmental contamination. If military personnel understand the impact that environmental and health threats can have on mission accomplishment, and they employ this information as they plan, occupy and close deployment sites, they will ensure fiscal and material resource responsibility, protect the Army against liability and strengthen the relationship between the Army and the host nation in addition to protecting the health and well-being of our Soldiers.

All 3 of these documents are available on Battle Command Knowledge System (BCKS) at ArmyBaseCamp/JFOB.net under the "Useful References" topic area #11. If you are unable to access BCKS, you can email The Directorate of Environmental Integration (DEI) at leon.usaesdei@conus.army.mil or call us at 573/563-3816 we will be happy to send you the electronic file, or in the case of the EBS/OEHSA Handbook, hard copy of this pocket sized guidebook.

From the desk of the Regimental Chief Warrant Officer (RCWO)

Installation Visits. The Engineer Warrant Officer Assignment's Officer, CW4 Bussey, and I recently visited Hawaii and conducted a Professional Development briefing to the 84th Engineer Battalion Officers and NCOs. In addition, we provided Opportunity briefings to Soldiers interested in the Warrant Officer Program. CW4 Bussey provided a HRC Briefing and conducted personal interviews with Engineer Warrant Officers. Other units visited included A/249th Engineer Battalion (Prime Power), 5th GPC, and the 70th Engineer Company. Future trips to Fort Bragg, Fort Hood and Germany are planned for this fiscal year. We'll keep you posted on the dates for each

location.

New Honorary Leaders. The Chief of Engineers and Commandant of the Army Engineer School recently announced the selection of new honorary leaders for the Army Engineer Regiment. MG Robert Griffin, USA (Ret) will serve as the Honorary Colonel, replacing MG Milton Hunter, USA (Ret), while CW4, USA (Ret) Arthur (Jim) Flinn will serve as the Honorary Chief Warrant Officer, replacing CW5 (Ret) Jeffrey Popp and CSM Julius Nutter, USA (Ret) will serve as the Honorary CSM, replacing CSM Leroy Mello, USA (Ret). The Honorary Leaders provide a link with history for today's Soldiers. The primary mission of these special appointees is to perpetuate the history and traditions of the regiment, thereby enhancing unit morale and esprit. Congratulations to each of the new Honorary Leaders.

Warrant Officer Opportunities. The next engineer warrant officer accessions board will be held in July 12 - 16. I can't stress enough that we are still hiring both Construction Engineering Technicians and Geospatial Engineering Technicians. We are looking for outstanding NCOs who possess a sustained and demonstrated level of technical and leadership competency as supported by rater and senior rater comments on NCOERs. For commanders and warrant officers in the field, when asked for a letter of recommendation, I urge you to only recommend your best NCOs for the warrant officer program. For more information about the upcoming board or how to become an engineer warrant officer, log on to the Army recruiting website at <http://www.usarec.army.mil/hq/warrant>

New Position: Army Reserve Engineer Proponency NCO

MSG James Parry is a newly assigned Army Reserve Active Guard Reserve (AGR) NCO who just recently assumed duties as the inaugural Army Reserve Engineer Proponency NCO at the U.S. Army Engineer School. Formerly the operations sergeant of the 704th Clearance Company, Hot Springs, AR, MSG Parry will work with COL Aaron Walter, the Deputy Assistant Commandant – Army Reserve (DAC-AR), on a variety of engineer proponency issues which directly and/or indirectly affect the Army Reserve. This includes, among others, the creation/modification of engineer documentation (TOEs/MTOEs); reviews of quarterly CMF 21 laydowns; reviews/updates to AR 611-201, Enlisted Career Management Fields and Military Occupational Specialties; reviews/updates to DA PAM 600-25, Noncommissioned Officers Professional Development Guide; standards of grade analysis; and recommendations for classification criteria, classification standard/job description and performance standards by career field. He is the first of three additional Army Reserve AGR Soldiers the DAC-AR is coordinating on bringing to the Engineer School to support him in his role as the DAC-AR. The other two are a 21A/12A LTC/MAJ and a 210A/120A CW2/CW3. MSG Parry can be contacted via e-mail at james.parry@conus.army.mil or telephone at (573) 563-8075 (DSN 676).

“Commandant’s Corner” - Forum for Regimental Senior Leaders - on milBook

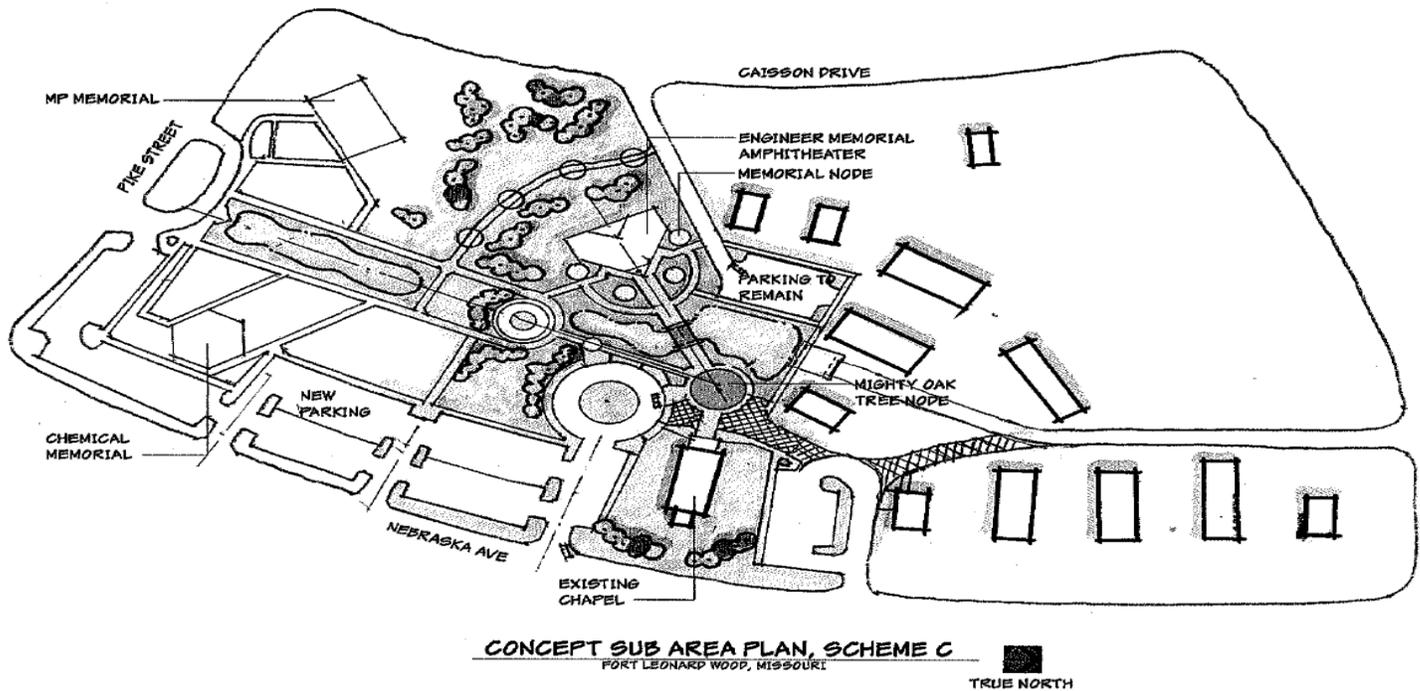
The “Commandant’s Corner” Senior Leader Forum on milBook (DoD’s version of Facebook) is a venue specifically designed for the Regiment’s senior leaders to present, discuss, coordinate and collaborate with each other – with complete transparency - on major issues that impact our Regiment.

From the team at USAES - the RCSM, RCWO, DAC-AR, DAC-NG and the Directors of DOTLD, DOI, EPPO, DEI, and the CEHC - are all up on the net in the forum and prepared to work with our senior engineers in the field on their hottest topics affecting their formations and missions.

Many of you have already joined the group and engaged on the many topics already generated in the forum...hooah! For those who haven't received the invitation or have yet to join the forum, please do so by clicking the link below. The forum is restricted to Brigade-level commanders and senior leaders, is CAC-protected and approved for FOUO-level discussions.

<https://www.kc.army.mil/book/groups/usaes-commandants-corner>

If you have any problems or issues in obtaining access, please don't hesitate to contact the USAES Knowledge



Another graphic for the memorial wall.

[UNITED STATES ARMY ENGINEER SCHOOL REQUEST FOR INFORMATION SYSTEM](#)

E. The Office of the Chief of Engineers provides the following information:

1. COL Timothy S. O'Rourke, OCE's longtime resident expert in everything engineer related, will retire 1 July 10. He provides the following parting comments.

There is no way I can cover and say thanks to all the people I owe a debt of gratitude to - and it would take even longer to cover all those that have exercised much patience over the years. So let me summarize things by saying thanks for the privilege to serve and support the Nation and the Regiment. I was always blessed to have mentors and leaders that were willing to invest the time and effort to try and teach me the craft of military Engineering and make me better along the way. I owe a huge debt to numerous NCO's that willingly gave me good council and on countless occasions demonstrated how wisdom really plays into making things not only happen but also making things stick over time. Bottom line I have been fortunate to be around Engineers, both uniformed and civilian, who have always demonstrated the hallmarks and Sapper spirit that make our Regiment great - Essayons!

2. [ALARACT 172/2010](#) MESSAGE ANNOUNCING THE DEPLOYMENT OF A PROGRAM EVALUATION TO BETTER UNDERSTAND THE NEEDS AND PERCEPTIONS OF ARMY NATIONAL GUARD (ARNG) AND ARMY RESERVE (USAR) SERVICE MEMBERS WHO ARE IN THE MEDICAL REVIEW PROCESS OR ARE HAVING DIFFICULTY NAVIGATING THE COMPLEXITY OF THE MEDICAL PROCESS.

3. ALARACT 169/2010 - DIRECTOR OF ARMY SAFETY, HEAT INJURY RISK MITIGATION SAFETY MESSAGE TO THE ARMY(CORRECTED COPY) UNCLASSIFIED//

THIS MESSAGE HAS BEEN SENT BY THE PENTAGON TELECOMMUNICATIONS CENTER ON

SUBJECT: DIRECTOR OF ARMY SAFETY, HEAT INJURY RISK MITIGATION SAFETY MESSAGE TO THE ARMY

Leaders,

Every year, our Army loses Soldiers during the summer months to heat-related injuries. These losses can be mitigated through the application of Composite Risk Management (CRM).

Our Soldiers are required to train and operate in severe temperatures. However, heat injuries often occur when temperatures are not extreme, and the cumulative effects of strenuous activities on our Soldiers can result in heat casualties.

Therefore, control and risk mitigation measures, coupled with direct Leader engagement within your organization, must be proactive. Continuous monitoring of your Soldiers must be your top priority to ensure their safety during these hot summer months.

I urge you to:

- * monitor wet-bulb temperatures.
- * ensure your Soldiers are acclimatized.
- * adjust work and rest schedules and ensure Soldiers rest in the shade and modify uniform as mission permits.
- * ensure your Soldiers have adequate time to eat and drink water. A Soldier's hourly fluid intake should not exceed 1 1/2 quarts and daily intake should not exceed 12 quarts or water toxicity may result.
- * brief your Soldiers on the signs, symptoms, and treatment of heat-related injuries
- * have a process in place that identifies Soldiers who have a history of heat-related illnesses /injuries or other risk factors and pay special attention to their individual activities.
- * rehearse your unit's heat-injury immediate treatment and evacuation procedures during every training opportunity.
- * encourage the battle-buddy system to assist in monitoring each Soldier's water intake and well-being.

Taking these preventive steps will help keep Soldiers safe from heat-related injuries and keep them in the fight. Your U.S. Army Combat Readiness/Safety Center stands ready to assist you with the tools and information to protect your Soldiers this summer at <https://safety.army.mil>.

Additional resources are available at the US Army Public Health Command (Provisional) website at <http://phc.amedd.army.mil/heat>.

Remember, Soldiers are our most important asset and must be closely monitored during the summer months to prevent heat-related injuries.

Army Safe is Army Strong!

*EXPIRATION DATE CANNOT BE DETERMINED.

4. [ALARACT 106/2010](#) ARMY GUIDANCE FOR NON-CHARGEABLE REST AND RECUPERATION (NCR&R) LEAVE FOR IRAQ AND AFGHANISTAN: . SOLDIERS MOBILIZED/DEPLOYED TO DESIGNATED NCR&R LOCATIONS, WHO MEET ESTABLISHED ELIGIBILITY REQUIREMENTS (270 DAYS BOOTS ON GROUND), MAY RECEIVE AN ADMINISTRATIVE ABSENCE OF UP TO 15 DAYS TO BE USED IN CONJUNCTION WITH BENEFITS PROVIDED UNDER THE STANDARD CHARGEABLE R&R LEAVE PROGRAM.

***** Engineers in the National Capitol Region:** Each month the Office of the Chief of Engineers hosts an Engineer Round-up at the Crystal City Gateway Marriot Bin 1700 Lounge commencing at 1700 on the last Thursday of the month, excluding November and December. (We are considering doing this event quarterly) Engineers and those who support Engineers are more than welcome to attend. It is a great opportunity to catch up on what's going on in the Engineer Community from a broad spectrum of perspectives. If you do not get an invitation now, please notify me to so that I can add you to the specific distribution list. Click here to be added to the email list [DAEN-ZC](#).

You can always find all the Messages to the Regiment at our AKO site are linked at the bottom of this document

—AKO Login is required. For those having a hard time getting to the files that require an AKO logon, here is a [screenshot](#) to show where the files are physically located.

F: Engineer History: The First Chief of Engineers – COL Richard Gridley

Richard Gridley (January 3, 1710 – June 21, 1796) was born in Boston, Massachusetts. He was the son of Richard Gridley and Rebecca Scarborough. He was a soldier and engineer who served for the British Army during the French and Indian Wars and for the Continental Army during the American Revolutionary War. He married Hannah Deming 25 February 1730. They had nine children.

Gridley was a military engineer during the French and Indian Wars from the reduction of Fortress Louisbourg in 1745 to the fall of Quebec. For his services he was awarded a commission in the British Army, a grant of the Magdalen Islands, 3,000 acres (12 km²) of land in New Hampshire, and a life annuity.

He sided with the Thirteen Colonies during the American Revolutionary War and was made Chief Engineer in the New England Provincial Army. He laid out the defenses on Breed's Hill and was wounded at the Battle of Bunker Hill.

When the Continental Congress first created a Continental Army under command of George Washington in 1775 he was named to Chief Engineer (artillery). He directed the construction of the fortifications on Dorchester Heights which forced the British to evacuate Boston in March 1776. When Washington moved his army south, Gridley remained as Chief Engineer of the Eastern Department.

He retired in 1781 at age 70. He died from blood poisoning induced by cutting dogwood bushes, in Stoughton, Massachusetts, and is buried in Canton, Massachusetts, at the Canton Corner Cemetery. He was buried within a small enclosure near his house in what is now Canton, off Washington Street. In this spot his body rested until October 28, 1876, when a committee disinterred his remains and removed them to his final resting place in the Canton Corner Cemetery. A small queue (braided hair) was removed and pocketed during the exhumation and today is on display at the Canton Historical Society.

The monument to Gridley at Canton Corner is of Quincy Granite and the dado of Randolph Granite are faced with polished tablets bearing several inscriptions including "I shall fight for justice and my country", "I love my God, my country, and my neighbor as myself.", and a quote by General Washington: "I know of no man better fitted to be Chief Engineer than General Gridley." The whole monument is surmounted by a cannon in the imitation of "Hancock" or "Adams," - one of the guns Gridley served with his own hands at Bunker Hill. Gridley is widely to be understood as one of the most distinguished military characters of New England, renowned for personal bravery, skilled artilleryman, a scientific engineer, and a contemporary of Prescott and Putnam and Knox, of Warren and Washington.

The United States Army Corps of Engineers considers Gridley 'America's First Chief Engineer.'

G. Engineer Unit Highlight: [37th Engineer Battalion](#)

This feature provides a venue for Engineer Units/Activities to post unit information. If you are an OIC/NCOIC of an Engineer Unit/Activity and would like your organization mentioned here, download the template and email back to me. All entries will be consolidated on a master page as they come in.

Engineer Unit Highlight: [Former Submissions 844th Engineer Battalion](#) : [USACE Charleston District](#) [USACE Mobile District](#) [35th EN BN: "Sapper Leader Course - Best Sapper Competition 2010"](#).

H. Recurring Links [Engineer Casualties](#) ; [PASSAGES](#) ; [The Engineer Update](#) ; [Military OneSource](#)

[Essayons Forward](#) ; [The Engineer Magazine](#); [Current PERSCOM Messages.](#) ; [412th ENCOM](#) ;

[The West Point Department of Civil and Mechanical Engineering](#) ; [Engineering Knowledge Online](#) ;

[The USACE Installation Support Community of Practice Portal](#), [Topographic Engineering Center](#) ;

[United States Army Engineer Research and Development Center](#); [ADSO Incentives Program](#) ;

[The West Point Department of Geography and Environmental Engineering: Joint Task Force North](#) ;

[ENGINEER UNIT REGIMENTAL LINKS](#) ; [Maneuver Support Center of Excellence](#)

[Check your entire Official Military Personnel File \(OMPF\)](#) [Certify your new official photo \(DAPMIS\)](#)

[Submit your Command / CFD / SSC Preference Online](#) , [Check your Senior Rater Profile \(Dash 2\)](#)

[Check to see if HRC has received your OER \(IWRS\)](#) ,

I. Engineers Supporting Engineers—Professional Organizations Links:

“The appearance of external hyperlinks does not constitute endorsement by the U.S. Army of this Web site or the information, products, or services contained therein. For other than authorized activities such as military exchanges and MWR sites, the U.S. Army does not exercise any editorial control over the information you may find at these locations. Such links are provided consistent with the stated purpose of this Web site.”

1. **Army Engineer Association:** [AEA News](#); [Army Engineer Association Programs](#); [Membership](#).

AEA supports the Army Engineer Regiment, with emphasis on **Soldiers** now serving and **Veterans** through:

- [Memorials to Units and Individuals](#)
- [Support to Engineer Fallen and Wounded](#)
- [Performance Excellence Awards for Junior and Senior Personnel](#)
- [Academic Scholarships for Individuals and Family Members](#)
- [Support to the Army Engineer Museum](#)

* AEA is committed to helping the Engineer School build a Memorial Wall for Fallen Engineers that will pay by-name tribute to those members of our Regiment who paid the ultimate sacrifice during OIF/OEF. The Memorial Wall for Fallen Engineers will enshrine the names of those heroes on Missouri Red Granite and will adorn the entry to the Engineer Regimental Grove at Fort Leonard Wood.

I encourage every AEA member and every unit leader to offer every soldier an opportunity to add his name to the list of donors for this project, and ultimately have the unit designation recognized for contributing to the memorial.

Please disseminate this to all your engineer networks – send to all components, all USACE districts, all DPWs, all unit alumni groups. AEA has already mailed requests to the Supporting Form Members and responses are coming in.

Units and organizations may consolidate their donations to a cumulative total that will be appropriately listed on

a plaque donated to the Engineer School.

AEA has designed and posted the information flyer and donation forms on www.armyengineer.com, and will also accept donations online on the AEA website.

Units may download and print the Fallen Engineers flyer that explains the project and the donation form. Unit leaders should provide all Engineers an opportunity to contribute, with no additional incentives. Consolidate forms and funds and provide that to AEA, PO Box 30260, Alexandria, VA 22310-8260.

FEDEX address: AEA, 7701 Telegraph Rd, Kingman 2A15, Alexandria, VA 22315

* AEA is now on Facebook -- <http://www.facebook.com/pages/Army-Engineer-Association/154530869611>

* See Engineer Regiment NEWS at AEA website - <http://www.armyengineer.com>

Jack O'Neill

Colonel, US Army Corps of Engineers (Retired) Executive Director, AEA

703-428-6049

jd@armyengineer.com

www.armyengineer.com

2. [Society of American Military Engineers](#) : [The Military Engineer Online](#) : [Membership](#) [SAME Current eNEWS](#)

2010 JETC--A huge success

SAME 2010 JETC [presentations from the technical program sessions](#) are now available as PDF documents. Photos from each of the main events are available at www.flickr.com/photos/militaryengineers. And for day-by-day event coverage, check out [SAME's blog Bricks and Clicks](#). Thank you to all our Sponsors, Exhibitors, Volunteers and Attendees for making the SAME 2010 JETC a successful event.

a. **NEW DUES STRUCTURE:** The SAME Board of Direction adopted last week a new dues structure for the DOD, effective 1 January 2010—full details are on the SAME Linked In website (www.same.org) but here is the short version:

- All SAME members in uniform who are paid up in dues as of 31 Dec 09 will have their membership extended for the duration of their military service (active, Guard or Reserve) without further payment of dues.
- Uniformed officers and enlisted personnel will be offered a one-time payment of \$60.00 that will provide membership in SAME for the duration of their military career. Active duty military will be sent a notice each fall to update their contact information and Post affiliation.
- DOD civilians will be offered two membership options: 3-year Membership for \$45.00 or 5-year Membership for \$60.00. The 1-year and 2-year membership options will be eliminated.
- All SAME individual members may join two SAME Posts without additional cost.

If military members join between 1 Nov – 31 Dec 09, they will pay for one year (\$30.00 Enlisted, \$35.00 Young Member, or \$55.00 Regular Member) and then be extended for the duration of their career on 1 Jan 10, or pay \$60.00 after 1 Jan 10. So joining SAME in the next two months will save you money.

The SAME Board took this extraordinary action to increase DOD membership in SAME—we value your membership and your service to our nation. The Board wants to make it easy and inexpensive for our military to obtain the benefits that SAME can offer over your entire career—even though in some years you are not in a

position to take advantage of your membership.

Please notify others within your organizations who may be interested in joining SAME at these reduced prices.

b. "The Society of American Military Engineers (SAME) is currently undertaking a grass roots effort to reach out to aspiring engineering and architects at local universities. SAME membership is FREE for students and also provides them opportunities for leadership, mentorship and potential internships or first jobs. To learn more about the SAME college outreach program and how to help set up a chapter at your university or a university near you, please visit www.same.org/college or send the Ben Matthews an email at samecollegeoutreach@gmail.com.

c. **Deployed Engineering Team:** Get *The Military Engineer and SAME News* delivered directly to you! Complete our [temporary deployment form](#) and we will send your SAME materials to you onsite while serving in your area of operational responsibility (AOR). This free service is just one of the many ways SAME salutes our members. [Click here to provide your temporary AOR contact information.](#)

d. **Transitioning from military service?** Retiring from the Federal Government? Looking for a new and exciting position in the A/E/C industry? If the answer to any of these questions is YES, place your resume on the [SAME Job Center](#) web site. *The service is free for SAME members.* The site has been or is being utilized by over 300 companies that through their placement of job announcements have access to your resume

3. **TEOCSA (The Engineer OCS Association)** [New website:](#)

4. **[Army Engineer Officer Wives' Club:](#)** AEOWC is a worldwide organization with members located wherever Army Engineers are stationed, or have retired. [Become a member](#)

Visit our website at <http://www.AEOWC.com>.

Alternate response email address is DAEN-ZC@hqda.army.mil

V/R

William R. Arthur

William R. Arthur

Executive Officer

Office of the Chief of Engineers

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"To the Core; for the Corps"

Former "Messages to the Regiment"

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