



MESSAGE TO THE REGIMENT #88:
“The Engineer Blast”

31 January 2012

A. Overview: The Office of the Chief of Engineers is pleased to forward this 88th 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.

Major General Kendall P. Cox, Commanding General, United States Army Engineer Division, Trans-Atlantic, Winchester, Virginia to Deputy Commanding General for Military and International Operations, United States Army Corps of Engineers, Washington, DC.



Major General Gregg F. Martin, Commandant, United States Army War College, Carlisle Barracks, Pennsylvania to President, National Defense University, Washington, DC.

Major General Todd T. Semonite, Commanding General, United States Army Engineer Division, South Atlantic, Atlanta, Georgia to Deputy Chief of Engineers/Deputy Commanding General, United States Army Corps of Engineers, Washington, DC.





Secretary of Defense Leon E. Panetta has announced that the President has nominated the following Army Competitive Category brigadier generals for promotion to the rank of major general:

Brigadier General Bryan G. Watson (EN)

Director

Joint Engineering Directorate

United States Forces-Afghanistan

OPERATION ENDURING FREEDOM, Afghanistan



History was made 27 Jan 12 when the Corps of Engineers promoted its first woman general officer.

WASHINGTON, D.C. (Jan. 27, 2012) – In a historic ceremony today at the U.S. Army Corps of Engineers Headquarters, Brig. Gen. Margaret W. Burcham became the first woman to be promoted to general officer in the Corps.

“This promotion has given me the opportunity to keep serving for several more years, and to keep doing a job that I’m passionate about,” said Brig. Gen. Margaret W. Burcham, commander of the Great Lakes and Ohio River Division. “This will also give me a chance to showcase the Corps. As the first female engineer general officer, I am already getting invitations to speak at events. There is so much good that the Corps does, and I will use the opportunities that I’m given to get that word out,” added Burcham. [More](#)

B. The U.S. Army Corps of Engineers (USACE) provides the following information:

1. CAMP ZAMA, Japan -- What began four years ago as an opportunity for high school students to observe a construction site has blossomed into annual competitions that promote science education in concert with the U.S. Army Corps of Engineers. [More](#)
2. USACE engineer makes a difference in Afghanistan: KANDAHAR AIRFIELD, Afghanistan — Geographically, it is not far from Islamabad, Pakistan to Kandahar, Afghanistan, but for Ayesha Saeed, a mechanical engineer assigned to the Afghanistan Engineer District-South, making that trip took immigration to the United States when she was 14, naturalization as a U.S. citizen in 2000, a college education and a job with the U.S. Army Corps of Engineers. [More](#)

3. The [412th Theater Engineer Command](#) offers the following: [Facebook](#), [412th Engineer Association](#),
4. The [416th Theater Engineer Command](#) offers the following: [Bridge Magazine](#), [Facebook](#), [Flicker](#)
5. [Afghanistan Engineer District North \(AEN\)](#). [Freedom Builder](#)
6. [Afghanistan Engineer District South \(AES\)](#)

Date	Title	Author
2/1/2012 New	Ground breaks for new hospital in Shindand	Karla Marshall
1/31/2012 New	Hugh Coleman is the District Bulldog of the Week	Mark Ray
1/25/2012	Bethany Baker is Afghanistan Engineer District-South's Bulldog of the Week	Brenda Beasley
1/23/2012	Corps of Engineers completes Arghistan Bridge Bypass	Karla Marshall
1/18/2012	TAS meets 99 percent of 1st quarter 2012 construction goal	Karla Marshall
1/17/2012	Sgt. Ryan Applegate is Afghanistan Engineer District-South's Bulldog of the Week	Brenda Beasley
1/15/2012	USACE trains Afghans to operate and maintain facilities	Karla Marshall
1/15/2012	USACE turns over operations and maintenance responsibility to Afghan Air Force	Karla Marshall
1/14/2012	South District turns over Shindand strategic airlift apron, cargo and terminals	Mark Ray
1/3/2012	Paul Cruz is Afghanistan Engineer District-South's Bulldog of the Week	Brenda Beasley

7. 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:

ENFORCE 2012 Update



Dates have been set for next year's Engineer Regimental conference, ENFORCE. Plan to be at Fort Leonard Wood April 17-21, 2012. This year's theme is "Engineering for the Wars We Fight." CIA Director; the Honorable David H. Petraeus, has accepted an invitation to be a guest speaker. TRADOC commander General Robert W. Cone, and the new Chief of Engineers are also scheduled to speak. As local lodging can fill up quickly it's advised that room reservations be made well in advance. Updates, lodging information and other helpful information can be found on the

ENFORCE public webpage: <http://www.wood.army.mil/enforce> as well as the U.S. Army Engineer Regiment's Facebook page: <http://www.facebook.com/pages/US-Army-Engineer-Regiment/185011298180861>

From the Desk of the Deputy Assistant Commandant (Army Reserve)

The Army Reserve Office at the U.S. Army Engineer School wishes everyone one and their Families a happy and healthy New Year.

Many thanks to all units who have provided packets for the annual engineer awards (Itschner, Van Autreve, etc.). Those packets, received through the unit's chain of command, will be reviewed by the awards board panel incident to the upcoming Engineer Council of Colonels/Warrant Officers/Sergeants Major, and then submitted for final approval through the Army Reserve Engineer GOSC. Thank you to all in the field for taking the time to recognize excellence.

On the topic of excellence, the de Fleury medal program at the Bronze and Silver level is socialized within the Army Reserve. Units have programs that regularly recognize those who have materially contributed to both the unit and the Regiment. What still remains to be seen is that same level of socialization for the Steel de Fleury medal. This is an extraordinary opportunity for battalion command teams (and higher) to recognize up to five of those junior members of our Regiment who do not yet fulfill the requirements for higher level awards, but have nonetheless materially impacted the unit and Regiment. The target population remains SPC serving on their first re-enlistment, SGT-SSG, WO1-CW2, 1LT-CPT, and GS-4 –GS-11, and your AEA has more details on how to

recognize that level of excellence.

The last topic I wanted to discuss is the Battalion and Brigade Pre-Command Course. This course is given throughout the year as passionately orchestrated by Michael Potts, here at the USAES. This too has not reached the level of socialization that it needs to in the Army Reserve. As a result, many command teams are going into position without having the full knowledge of the capabilities of your Regiment and School. More importantly, not attending precludes those from taking advantage of the reachback and interaction that is afforded by attendance in a small group of your peers, as they learn about the newest doctrine, concepts, and leadership experiences, while also reflecting on the challenge of command that they are about to embark upon. Although every incoming commander must complete the USARC-mandated Pre-Command Course, a smaller number elect to take advantage of this opportunity. Funding has never been the issue, but rather the time required for the course (12 days plus travel). For those who have challenging civilian occupations, the decision is rarely easy, for AGR officers, there should be no excuse. The other thing that most do not know is that not only are incoming commanders invited to this ATRRS course, but also that their Command Sergeants Major are also encouraged to attend, so that the team can jointly develop their own vision for the way forward. I attended the course in 2007, prior to taking command, and more than half of my classmates I interact with, to this day, on a regular basis. It's all about people and I ask both future commanders and those early into tenure to reconsider this opportunity.

Many thanks to all of you who responded to my call for Drilling Individual Mobilization Augmentees (DIMA) opportunities here at the US Army Engineer School. These positions are key and critical to the betterment of the Programs of Instruction, and so many other things that affect not only the Army Reserve, but also the Regiment as a whole. If you still have interest, refer to last month's Blast for the details and send me your information. We are always looking for talent.

The nomination packets for the Regimental Awards (Itchner, Sturgis, Van Autreve, etc) have been suspended via eLAS tasker through USARC to the major commands. All approved packets with chain of command endorsement are were due to this office NLT 05 JAN 12. Those packets will then be evaluated by the Army Reserve Council of Colonels/Warrant Officers/Sergeants Major in FEB 12 at Ft. Jackson, SC for final approval by the Engineer General Officer Steering Committee. Please ensure that your packets are complete and submitted to your O&F command IAW their timeline with forwarding to this office. We want to ensure that all engineer Soldiers across the Army Reserve have the opportunity for recognition.

The Army Reserve Office is contributing to the Army Career Tracker (ACT) through the development of career maps for DA PAM 600-3 and 600-25 that account for Army Reserve unique positions that occur within Troop Program Unit, Active Guard Reserve, and Individual Mobilization Augmentee billets. This will serve to better address the unique challenges that Army Reserve Soldiers face based on realistically available MToE and TDA positions.

The Army Reserve Engineer Council of Colonels, as assisted by the U.S. Army Engineer School is currently staffing a hands-on career management initiative that will assist in the development and mentoring across the Army Reserve. This is a long-term initiative that will be further addressed at the next Council of Colonels.

As always, I can be reached at adam.roth@us.army.mil.

“Essayons!”

Adam S. Roth

COL, EN

Deputy Assistant Commandant (Army Reserve)

Best Sapper Competition 2012

The 8th Annual Best Sapper Competition will be held 19 to 21 April 2012 at Fort Leonard Wood, MO. The Best Sapper Competition tests the physical endurance and technical knowledge of the best Soldiers in the Engineer Regiment. Tests cover demolitions, mountaineering, land navigation and more. This year's competition is open to all U. S. Army personnel that are E-5 and above, and serving in 12-series MOS or non-12 series graduates of the Sapper Leader Course. Each team must have at least one member that is a Sapper Leader Course Graduate, and

must furnish a letter of preparedness signed by the first O-5 in their Chain of Command. Registration opens in mid-January 2012 at <http://www.wood.army.mil/sapper/BSC/> (click "REGISTRATION" on top menu). **Teams are encouraged to register early to ensure a reservation to compete.** All teams competing must report NLT 16 April 2012 prior to the competition for in-processing and in-briefs.

Fort Leonard Wood is excited about this year's competition. Units have been expressing interest in sending teams. For more information about the Best Sapper Competition or the Sapper Leader course, visit <http://www.wood.army.mil/sapper/>

POC: CPT Jason Yim, Assistant S3 1st Engineer Brigade
email: jason.yim@us.army.mil

Company-Level Intelligence Support and Explosive Hazards Planning Course at the Counter Explosive Hazards Center (CEHC)

The CEHC is offering a new course that will provide company-level personnel with the information required to analyze, plan and execute C-IED and Route Reconnaissance and Clearance missions. This training will prepare units to successfully develop, man and employ company-level intelligence support teams and plan clearance operations to defeat explosive hazard threats.

The first five-day (40-hour) course is planned for April 2012 company level training event in order to provide Soldiers with the most current and relevant training. Each course trains up to 30 personnel. This course is designed to benefit company to battalion level staff, specifically intelligence and operations support personnel (PFC – MAJ). This course will be conducted at the unclassified level in order accommodate all potential students. However, those with interim or final secret (and above) clearances will be provided a classified threat brief.

Further details can be obtained from MAJ Sklenar, Deputy Director, CEHC on (573) 563-3990 or Mr Vincent Delaney, CEHC on (573) 563-5401

Doctrine Update:

New Year Resolutions are very popular this time of year. We want to help you commit to staying on top of the latest highlights and trends in doctrine. Our intent is to share future doctrine updates for situational awareness and keep everyone informed of ongoing manual revisions and terminology changes, disseminating the information down to lowest levels of leadership.

If you have just returned from a recent deployment, getting ready to deploy, or just returned from a CTC, we would love comments from you. The final draft of Army Techniques Publication (ATP) 3-34.35 (Field Manual [FM] 5-103), *Survivability Operations*, is out for worldwide staffing with a suspense date of 25 January 2012. This manual updates and consolidates two existing manuals—FM 5-103, *Survivability*, and Army Tactics, Techniques, and Procedures (ATTP) 3-34.39, *Camouflage, Concealment, and Decoys*. In early February watch for the worldwide staffing of the final draft of ATP 3-37.10, *Base Camps*.

Currently under revision is ATP 3-90.8, *Combined Arms Countermobility Operations*, which will replace FM 90-7, *Combined Arms Obstacle Integration*, and FM 5-102, *Countermobility*. This is a great opportunity to review the current manual and provide feedback on recommended changes.

The following are the recent updates for new and obsolete terminology:

- *Operational environment* replaces the term *battlespace*, which was frequently misused as a synonym for area of operations. Battlespace is obsolete and should not be used at all. Further, operational environment is not synonymous with area of operations (which is still valid). The definition for operational environment can be found in Joint Publication (JP) 1-02.
- *Unified land operations* replaces *full spectrum operations* as the Army's operating concept.
- *Decisive action* replaces *full spectrum operations* as the collective term for simultaneous offense, defense, stability, or defense support of civil authorities' tasks.
- *Defense support of civil authorities (DSCA)* replaces *civil support*.
- *Mission command* replaces the Army doctrinal term *command and control*. The function of command and

the function of control are still valid, but not when combined into a single phrase or function. When discussing Army operations, command and control (including the shortened form C2) is an obsolete term. *Command and control warfighting function* is now *mission command warfighting function*.

- *Range of military operations (ROMO)* replaces both *spectrum of conflict* and *operational themes*.
- The term *battle command* is rescinded, use *mission command*.
- *Intelligence, surveillance, and reconnaissance (ISR)* is rescinded. Use *reconnaissance and surveillance* to refer to the collection of information tasks.

POC is LTC Sinlan Morrow, Chief, Engineer Doctrine, MSCoE, CDID, CODD
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Army Career Tracker Website Opens to Branch 12 (Engineer)

On 23 January 2012, the Army Career Tracker website will officially open to all Engineer Officers. Officers can log into <https://actnow.army.mil/> for a “one-stop-shop” of Engineer-related news/information and career planning resources.

The Army Career Tracker (ACT) program, first unveiled to the enlisted force last summer, will provide officers with a personalized look at their training, education, and assignment history side by side with what their branch recommends as important. Officers can then use this information to develop their personalized career plan. ACT will offer leaders, raters, and mentors new ways of communicating with their Soldiers and monitoring their careers. When an officer logs on, he/she will select their rater and any number of mentors of their choosing. Then raters and other mentors will be able to view an officer’s education, training, and assignment history, as well as their future desires, during mentoring and counseling sessions. ACT is designed to be accessed with a soldier’s Army Knowledge Online credentials and to seamlessly draw information from eight channels that support personnel, training and military/civilian education programs.

On the “Career Resources” tab, ACT will default to the Engineer Branch’s homepage where relevant and useful news and information will be posted. On the “Officer” Tab, one will be able to review one’s past assignments, training, and self-development activities alongside what the Engineer Regiment recommends for that officer at his/her current and next higher pay grade. The recommendations follow from chapter 14 of DA PAM 600-3, *Commissioned Officer Professional Development and Career Management*. A useful feature of the website is printable Career Maps. Most entries are hyperlinked to additional information to help officers make better informed decisions. All engineer officers are encouraged to explore this new website and provide feedback to the Engineer Personnel Development Office: leon.usaeshqrfi@conus.army.mil

From the Directorate of Training and Leader Development

Stellar officers with strong files. Proven leaders with abilities that range from outstanding to amazing. Highly successful Company Commanders with extraordinary potential for future Army service. These are the characteristics of officers specially selected by the USAES Commandant to become ECCC Small Group Leaders (SGLs). This is the quality of officer required to fill a position vital to the future of our Regiment and Army. Officers of such caliber are paramount to the success of all Captains Career Courses and the implementation of the Army Learning Model. Once selected, these officers receive enriching experiences, professional development courses, expanded military and civilian education opportunities, and senior leader exposure in a concentration rarely afforded to mid-grade officers. The Regiment makes an investment in its SGLs that is commensurate with the responsibility it places on them.

Professional Development opportunities include:

- Joint Engineer Operations Course (JEOC)**
- Joint Fire Power Course (JFC)**
- Tactical Information Operations Course (TAC-IO)**
- Small Group Instructors Course*
- Faculty Development Program I & II*
- Project Management Professional (PMP) Exam Prep**

- Sapper/Ranger/Airborne/Air Assault/Pathfinder
- FE/PE Study opportunities
- Graduate Degree Completion

*Compulsory

**Highly Encouraged

In addition to these amazing professional development opportunities, SGLs regularly attend various seminars, participate in ENFORCE workshops, review emerging doctrine, and publish articles for professional journals. SGLs also interface with USACE, ERDC, CTCs, and several other agencies in the combined effort to bring the best education possible to Engineer Captains.

The time following command is filled with exciting prospects for future service. Many are tempted to hone tactical skills by serving at CTCs. Others are equally attracted to service in USACE in order to expand their portfolios and gain a glimpse inside a different side of our profession. Assignment as an SGL, however, provides for those deserving, the unique opportunity to hone both tactical and technical skills. This position bestows upon a privileged few the opportunity to impact every company level engineer formation in the Regiment through the training and education of our future Company Commanders. If interested in an opportunity as an Engineer Captain's Career Course Small Group Leader, please contact MAJ Roger McMurray, roger.j.mcmurray@us.army.mil, or MAJ Kelcey Shaw, kelcey.r.shaw@us.army.mil.

USAES History Office Transition

On 31 December 2011, Dr. Larry Roberts will retire after more than 30 years of Federal Service. Dr. Roberts has served as the Engineer School's lead historian for the past 22 years. During that time, Dr. Roberts expertly gathered over three million pages of reference material in order to tell the Engineer story.

Dr. Roberts and his family were recognized by BG Peter DeLuca at Dr. Roberts' retirement ceremony on 19 December in the Engineer Regimental Room for his extreme dedication and invaluable contributions to the Engineer Regiment.

Dr. David Ulbrich will assume the duties of the School Historian until the lead historian position vacancy is filled. His E-Mail address is david.ulbrich@us.army.mil

USAES on the Network

- [Engineer School Public Page](http://www.wood.army.mil/usaes) (<http://www.wood.army.mil/usaes>)
 - U.S. Army Engineer Regiment on [Facebook](#)
 - [USAES Request for Information](#)
 - [Engineer School Knowledge Network \(ESKN\)*](#)
 - [Commandant's Corner \(Forum for Regimental Senior Leaders on milBook\)**](#)
 - [Engineer Battalion Command Forum**](#)
 - [Regimental Command Sergeant Major's ORP \(Forum for the Engineer NCO community on milBook\)**](#)
 - [Senior Engineer Warrant Office Group on milBook**](#)
 - Engineer Personnel Development Office [public page](#), [EPDO Group on milBook**](#)
 - USAES Historian [public page](#), [Group on milBook**](#)
- *AKO authentication required, **DEERS authentication required

D. The Engineer/ Enlisted /Warrant/ Officer Branch provides the following information:

Here is a request from the SMA, Please provide your input. (From NCONET)

As we continue to relook our Noncommissioned Officer Education System, I'm interested in your feedback on the Warrior Leader Course. Right now, WLC is 17 days. Do you think that's enough? Are we putting emphasis on the right tasks? Do we have the right classes in Structured Self Development 1? Is there something we should remove or add to the program of instruction? <https://forums.army.mil/SECURE/CommunityBrowser.aspx?id=1664368>

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

***** 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. 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 and 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 13th Chief of Engineers – Brigadier Andrew A Humphreys



Brigadier Gen Andrew Atkinson Humphreys
Chief of Engineers

(August 8, 1866–June 30, 1879)

Andrew Humphreys, born November 2, 1810, in Philadelphia, Pennsylvania, was the son and grandson of chiefs of naval construction. His grandfather designed the U.S.S. *Constitution* (“Old Ironsides”). *Young Humphreys graduated from the Military Academy in 1831 and served as an artillery officer in Florida during the Seminole War. He resigned from the U.S. Army in 1836, but he accepted an appointment as first lieutenant in the new Corps of Topographical Engineers in 1838. He led a survey of the Mississippi River Delta and, in 1854–1861, headed the Office of Pacific Railroad Explorations and Surveys. His co-written Report Upon the Physics and Hydraulics of the Mississippi River, translated into several languages, became a classic in hydraulic literature. Gen. Humphreys, a distinguished Army corps commander in the Civil War, became Chief of Engineers in 1866. He established the Engineer School of Application and oversaw a substantial expansion of the Corps’ river and harbor work. Humphreys held a Harvard degree, published Civil War histories, and was cofounder of the National Academy of Sciences. He died December 27, 1883, in Washington, D.C.*

**Brigadier General Andrew A. Humphreys,
Commanding, [Third Corps, First Division](#)**

The monument to Brigadier General Andrew Humphreys is south of Gettysburg on Emmitsburg Road just north of Sickles Avenue. [see map](#)

From the monument;

*Cadet U.S. Military Academy July 1 1827.
Brevet Second Lieutenant 2nd U.S. Artillery July 1 1831.
Second Lieutenant July 1 1831.
First Lieutenant August 16 1836.
Resigned September 30 1836.*

*First Lieutenant Topographical Engineers U.S. Army
July 7, 1838. Captain May 31 1848. Major August 6,
1861. Lieutenant Colonel of Engineers March 3 1863.
Brig. General and Chief of Engineers U.S. Army August
8 1866. Retired June 30, 1879."*

*Colonel and Addition Aide-d-camp U.S. Volunteers
March 5, 1862. Brig. General April 28, 1862. Major
General July 8 1863. Honorably mustered out of
Volunteer Service Sept. 1 1866. Brevetted Colonel U.S.
Army December 13 1862 "For gallant and meritorious
service at the Battle of Fredericksburg Va." Brig.
General March 13 1865 "For gallant and meritorious
service at the Battle of Gettysburg Pa." Major General
March 18 1865 "For gallant and meritorious service at
the Battle of Sailor's Creek Va.*



Born November 2 1810 at Philadelphia Pa. Died December 27 1883 at Washington D.C.

Andrew Atkinson Humphreys was the son and grandson of naval architects. His grandfather designed the *U.S.S. Constitution* and her five sisters.

Andrew graduated from West Point in 1831 and served in civil and topographical engineering duties until the Civil War. With the outbreak of the war he became an aide to George McClellan and served in the Peninsula Campaign as the Army of the Potomac's chief topographical engineer. He took command of a 5th Corps division in September of 1862, leading them through the Antietam campaign and at Fredericksburg and Chancellorsville.

He was transferred to the 1st Division of the 3rd Corps just before Gettysburg, where his division was shattered in Longstreet's assault of Sickles' exposed position on July 2nd. Humphreys was tenacious in his defense, and even after the collapse of the corps put together a fighting line of men who would not run away and advanced them back into the fight.

He was rewarded with a promotion to major general of volunteers and brevet brigadier general in the regular army, and became Meade's chief of staff.

In November of 1864 he took over the 2nd Corps from Hancock, who had to step down due to continuing

complications from his Gettysburg wound. Humphreys commanded the 2nd Corps with distinction until the end of the war.

After the war Humphreys served as the army's chief of engineers until his retirement in 1879. He died in Washington D.C. in 1883.

G. Special Interest: USARPAC Engineers Support the People of Palau

By CPT Matt Udouj, U.S. Army, Pacific

In August of 2011, 1LT Brandy Kinstle, an officer assigned to 130th Engineer Brigade, assumed responsibility of a thirteen member Civic Action Team (CAT) in the Republic of Palau. Her team consists of twelve active duty Soldiers and one reservist with Military Occupational Specialties ranging from carpenter to equipment operator to physician's assistant. The CAT conducts construction projects, leads an apprenticeship program, and conducts Medical Civic Action Program (MEDCAP) and Community Relations (COMREL) activities. The CAT provides invaluable assistance to the government and people of Palau by providing basic infrastructure improvements and by transferring technical skills to the citizens of the small island nation. Beginning in 1969, The U.S. Department of Defense and Department of the Interior began assisting many small Pacific Island Nations by deploying CATs. Historically, the U.S. Navy, Air Force, and Army have participated in various CATs in the Federated States of Micronesia and Palau. However, the once robust program has dwindled down to one single CAT in the Republic of Palau. While the compact with the Federated States of Micronesia expired in 2003—terminating three CATs—the Compact of Free Association between the U.S. Government and the Republic of Palau Government has continued, making CAT Palau the only CAT in the Pacific Theater. The CAT in Palau has proven to be an outstanding asset for the Republic of Palau government and citizens. Currently, the CAT is in the final stages of completing construction on a fire and police station in Ngardmau, which will provide an important structure for the local emergency responders. The CAT has also provided horizontal construction assistance by improving numerous roads, including the road in Melekeok state, which is pictured above. In addition to engineer construction projects, apprenticeships, and weekly COMRELS, the CAT has treated over 650 patients through the various MEDCAPs and the CAT's open clinic. The team is making a profound impact on the Republic of Palau, while continuing to refine their construction skills and expertise. The Army's rotation will come to an end on February 17, 2012. At which time, the Army CAT will hand over the reins to a Navy team from Pacific Fleet at a Transfer of Authority Ceremony.



During his first visit to Joint Base Elmendorf-Richardson as the Chief of Staff of the Army, Gen. Raymond T. Odierno presents a coin to Spc. David Waters of the 6th Engineer Battalion (Combat)(Airborne) Arctic Sappers for serving as a driver of an M973A2 Small Unit Support Vehicle (SUSV) static display Jan 20. Photo by Staff Sgt. Brehl Garza/ US Army Alaska(USARAK) (Photo by U.S. Army)

Gen. Raymond T. Odierno, Chief of Staff of the Army, thanks andshakes the hand of Staff Sgt. Tony Rolofson of the 84th Engineer Support Company for serving as a driver for a M973A2 Small Unit Sustainment Vehicle (SUSV) during a static display for his visit Jan 20. The vehicle supports U.S. Army Alaska units during operations in arctic and alpine conditions. Photo by Staff Sgt. Brehl Garza/ US Army Alaska (USARAK) (Photo by U.S. Army)



Gen. Raymond T. Odierno, Chief of Staff of the Army, presents a coin to Spc. Marchal Mitchell, 56th Engineer Company, during a visit to U.S. Army Alaska Headquarters at Joint Base Elmendorf-Richardson, Alaska. Photo by Staff Sgt. Matthew Winstead/U.S. Army Alaska Public Affairs (Photo by U.S. Army)

The U.S. Army Corps of Engineers, Philadelphia District is renourishing Dewey, Rehoboth, and Bethany, Delaware beaches as part of a regular project in 2011-2012. The projects are designed to reduce storm damages to public and private infrastructure. Photo by Ann Cameron Siegal. Learn more about the U.S. Army Corps of Engineers, Philadelphia District projects at (Photo by U.S. Army)



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

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](#).

Scholarships:

We need your help to spread the word about AEA scholarships. We have three \$1000 scholarships available every year to Enlisted soldiers in our Regiment - Active or Reserve Component. Many of these go unclaimed every year.

More importantly, we need your help to get the word to our combat wounded and families of our combat fallen. Several \$2500 Baswell scholarships are available now. Details on how to submit are available on the AEA website: <http://www.armyengineer.com/scholarships.htm>

For more info, email Jack O’Neill, xd@armyengineer.com

Jack O’Neill
Colonel, US Army Corps of Engineers (Retired)
Executive Director, Army Engineer Association
703-428-6049 www.armyengineer.com

Every Engineer MOS soldier is eligible for membership in the Engineer Regiment’s fraternal organization, the Army Engineer Association.

AEA is the nucleus of the Regimental network, providing information and services to Engineer **Soldiers** now serving and **Veterans** through:

- Bi-Monthly magazine, Army Engineer
- Discount insurance and banking services through AFBA
- Career and Job Services
- 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

Popular Downloads

The Evolution of Fort Leonard Wood from 1941 to 2010. Photographic essay that shows how much the "home" for Army Engineers has changed over the years.

The Inseparable Bonds of Engineer Service

Click [here](#), for a 12-page PDF file to learn more about why being an Army Engineer veteran is so special.

Engineer OCS Graduates

Click [here](#) for a 8-page PDF file about Engineer OCS, Fort Belvoir, VA 1966-1967.

Engineer Equipment Development Over the Years

Click [here](#) for a first hand report written by a retired Army Combat Engineer, who went on to a very successful

career with Caterpillar, Inc.

Women in Engineering

Click [here](#) to read about women who once served in the military as engineers, and who later went on to successful careers with industry...pathways opening for them by their excellence.

* 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>

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

a. Individual Memberships

SAME Individual Memberships offer professionals in the A/E/C field the opportunity to develop important business contacts through [national and regional events](#), and build those relationships further through our worldwide network of [Posts](#).

Stay on top of developments in the A/E/C field through our industry-leading publication, [The Military Engineer](#) magazine, where you'll learn important information from the field about everything from contracting and design to environment and emerging technologies.



Continue your professional education at our many special events, among them the annual [Federal Programs Briefings](#) and the [Joint Engineer Training Conference & Expo](#).

b. Individual Member Applications: [Join Online!](#)

To download Individual Member applications as a PDF to be completed and mailed or faxed, please select from the following:

- [Uniformed Services](#)--active, guard, reserve and civilians employed by a uniformed service [PDF]
- [Public and Private Sectors](#)--individuals not employed by DOD, USCG or USPHS, including Young Members [PDF]
- [Student Member](#) [PDF]
- [Retired Member](#) [PDF]
- [Life Member](#) [PDF]

c. "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.

d. **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.](#)

e. **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. [Army Engineer Spouses' Club](#):

a. The Army Engineer Spouses' Club welcomes membership from *spouses and family members over 18 years of age* of the following U.S. Army Corps of Engineers employees: military grades E-7 and above and civilian grades GS-07 and above, whether active, retired or deceased; and with approval of the Executive Board, other persons who have been associated with the US Army Corps of Engineers.

b. Membership Benefits: Becoming a member of the only worldwide Engineer network for those other than Active Duty Military, you will receive a 10% discount at the Castle Boutique -our online Engineer boutique- receive the monthly newsletter- the Castle Gram- be able to join others for monthly outings in the DC area & receive the yearly Red Book -Castle Directory

c. The Army Engineer Spouses' Club (AESC) would like to personally invite you to become a member. Membership is open to spouses of all Active, National Guard, Reserve, Retired US Army Engineers and all USACE Civilian employees worldwide. AESC offers a monthly Castle Gram newsletter and activities in the greater Washington DC area as well as scholarship opportunities. For more information, please visit our website, <http://armyengineerspousesclub.com>. When at our website, don't forget to visit our Castle Boutique – you don't have to be a member to order, just click the shopping cart!

V/R

William R. Arthur

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