



## MESSAGE TO THE REGIMENT #102:

### “The Engineer Blast”

January - March, 2014

**A. Overview:** The Office of the Chief of Engineers is pleased to forward this 102nd 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.

The Chief of Staff, Army announces the following officer assignment:



Major General William E. Rapp, Chief, Legislative Liaison, Office of the Secretary of the Army, Washington, DC to Commandant, United States Army War College, Carlisle Barracks, Pennsylvania.



CSM(R) Harold Baxter 1st Engineer Regimental CSM passes.

Harold George Baxter, son of the late George A. and Anna (Ingram) Baxter, was born March 2, 1925 in Blue Springs, Missouri. Harold graduated from William Chrisman High School in Independence, Missouri in December 1943.

[Obituary](#)

### General Officer Announcements

Major General David J. Conboy, United States Army Reserve, Commander (Troop Program Unit), 416th Theater Engineer Command, Darien, Illinois to Deputy Commanding General (Operations) (Individual Mobilization Augmentee), United States Army Reserve Command, Fort Bragg, North Carolina.



Major General Glenn J. Lesniak, United States Army Reserve, Deputy Commanding General (Support) (Individual Mobilization Augmentee), United States Army Reserve Command, Fort Bragg, North Carolina to Deputy Chief, Army Reserve (Individual Mobilization Augmentee), Office of the Chief, Army Reserve, Washington, DC.



Brigadier General Jeffrey A. Farnsworth, Deputy Commanding General (Operations), United States Army Space and Missile Defense Command/United States Army Forces Strategic Command, Peterson Air Force Base, Colorado to Commanding General, United States Army Combat Readiness Center/Director of Army Safety, Fort Rucker, Alabama.



Brigadier General Donald E. Jackson, Jr., Commanding General, United States Army Engineer Division, South Atlantic, Atlanta, Georgia to Director, Joint Engineering Directorate, United States Forces-Afghanistan and Commander, Transatlantic Division (Forward), Afghanistan.



The following general officer was promoted to the ranks indicated below.

Brigadier General Scott A. Spellmon is currently serving as the Commanding General, United States Army Operational Test Command, Fort Hood, Texas.



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

1. SUBJECT: Energy Savings led by Mr. David Laube (ULA), Lakes and Rivers Division, Buffalo (LRB)

TAKE AWAY: LRB invested \$50K, changes listed below resulted in a cost reduction of 50% in yearly Energy Cost

DISCUSSION: " LRB District Reservation is the Poster Child for LRD region when it comes to energy savings! Quote from Don Johnantges, Chief, Military Integration Division, "I want to congratulate David Laube in particular and LRB in general for showing the rest of us in LRD how to go after reductions in our energy bills. For a minimal material investment of less than \$50,000 and David's time, ingenuity and hard work, LRB has managed to cut its District Reservation electric bill in half! Yes, half! Your electric bill in FY2008 was ~\$250,000 and only ~\$125k in FY13. That is a simple payback of less than 6 months!

IMPLEMENTATION: This was achieved over several years thru multiple methodologies: 1) Conversion to electronic ballasts from magnetic ballasts, 2) Changed 200W incandescent light bulbs to 240W compact CFL (equivalent to 150W incandescent), 3) Reduced night lights from 4 T-12 bulb fixtures with magnetic ballasts to 2 T-8 electronic ballasts. 4) Common areas (kitchen, lounge, restrooms, conference rooms) now have Passive Infra Red (PIR) Occupancy wall switch sensors for lighting and exhaust fans, 5) Circuitry bypasses outmoded and non-functional transformer, 6) More efficient Laptop computers are replacing Desktop CPU Towers, 7) Installed new high efficient boiler system for one of the Reservation buildings, 8) Give acknowledgement to the New York Public Service Commission (NYPSC) for removing various outdated charges to Upstate New York electric customers starting in 2012, USACE included, for a potential variable building savings from 4-23%. Additional Eco Sustainment projects are in execution and programmed for further electric cost savings."

### USACE NEWS:

March 26, 2014 - [EPA and Army Corps of Engineers clarify protection for nation's streams and wetlands](#)

March 12, 2014 - [Christian P.M. Klinefelter: Army Corps of Engineers Servant Leader](#)

February 21, 2014 - [Army Corps promotes STEM careers for National Engineers Week](#)

February 21, 2014 - [Baltimore District team deploys to support an overseas contingency operation](#)

February 21, 2014 - [Westphal recognizes enduring & unique contributions of the Corps](#)

February 21, 2014 - [USACE completes construction at Portugues Dam](#)

February 18, 2014 - [District welcomes middle school's First Lego® League](#)

February 18, 2014 - [Corps signs agreement with locals, promotes volunteer and educational programs](#)

January 13, 2014 - [Army Corps Battalion: Life Support for VA Hospital](#)

January 06, 2014 - [DoD adopts Army Corps of Engineers BUILDER SMS standard for all facility condition assessments](#)

January 06, 2014 - [Europe District engineers drive STEM initiative in 2013 and beyond](#)

2. The [412<sup>th</sup> Theater Engineer Command](#) offers the following: [Facebook](#), [412th Engineer Association](#),

412th TEC provides operational support, technical expertise during Key Resolve

From Mississippi to the Pacific Theater, approximately 70 Soldiers from the 412th...[MORE](#)

River Assault photo headlined 'Quit Active, Join Reserve' front page story on Army Times

Army Reserve Soldiers with the 411th Engineer Brigade were featured in a photo on the...[MORE](#)

412th TEC holds second force generation readiness review

Maj. Gen. Louis R. Visot, Deputy Commanding General for Operations, U.S. Army Reserve...[MORE](#)



333rd Engineer Company completes Afghan mission...

Spc. Elias Baez-Cintron, a light wheel mechanic with the 333rd Engineer Company, is...[MORE](#)



465th Engineer Company conducts training...

Through partnerships with the Habitat for Humanity of Greater Birmingham, the 465th...[MORE](#)



412th TEC, 25th ID discuss Hawaii training...

SCHOFIELD BARRACKS, Hawaii -- Primary staff from 412th Theater Engineer Command, an...[MORE](#)



3. [The 416<sup>th</sup> Theater Engineer Command](#) offers the following: [Bridge Magazine](#), [Facebook](#), [Flicker](#).



Two-star general visits Chicago-based JROTC academy

Maj. Gen. David J. Conboy, commander of the 416th Theater Engineer Command, living in Buffalo, N.Y., talks with senior JROTC "Challengers" Brigade cadets at the Carver Military Academy Public High School in Chicago before receiving a brief on their school and accomplishments March 3, 2014. The 416th TEC is an Army Reserve engineer command headquartered in Darien, Ill., located just 25 miles from the academy. (U.S. Army photo by Sgt. 1st Class Michel Sauret) [MORE](#)

4. [Transatlantic Division \(TAD\):](#)

February 05, 2014 - Construction projects some of the best, general says

U.S. Army Corps of Engineers, Transatlantic Division Commander Maj. Gen. Michael Eyre, right, talks with Regional Command-Southwest Afghan National Security Force Infrastructure Development Officer in Charge U.S. Navy Lt. Commander Brian Longbottom at a newly-built installation which according to Maj. Gen. Michael Eyre is some of the best construction he's seen in Afghanistan. The Afghan National Army's 215th Combat Logistics Brigade will soon call these Camp Shorabak facilities home. (U.S. Army Corps of Engineers photo by Bill Dowell/released) (Photo by Bill Dowell) [MORE:](#)



## 5. [TransAtlantic Afghanistan](#) [Freedom Builder](#)

### [Afghanistan women's dorm project will benefit record numbers seeking education](#)

Thu, 20 Mar 2014 05:10:17 -0400

Many Afghan women easily remember being denied a basic education under Taliban rule little more than 12 years ago, but they are now attending school and college in record numbers. Herat University officials recently announced a huge milestone – 50 percent of applicants who took the Kankor, or entrance, examination were women. To help accommodate these growing numbers, U.S. Army Corps of Engineers employees are overseeing construction of a women's dormitory for university students, an important step for women's rights in Afghanistan.



## 6. Career Program 18: Commander's of Career Program 18 Employees – please pass on the info.

Each U.S. Army Career Program (CP) listed in [Army Regulation \(AR\) 600-3, The Army Personnel Development System](#), reflects professional, technical and functional fields that are grouped on the basis of population occupational structure, grade range and commonality of job characteristics. This grouping also allows the career program management officials to target the needs and common interests of the group. Career program 18 (CP-18) includes over 50 job series that are similar in occupational description, but widely varied in functional description. CP-18 provides information for the careerist to identify potential career advancement to become highly developed and seasoned effectively within the Department of the Army (DA) environment, while gaining expertise for attaining career goals. The CP-18 combines the leadership, management, scientific, technical and functional training needed for the development of career programs with the relationships already established in the engineers and scientists (resources and construction) category. Positions in this program perform duties and responsibilities in six functional categories: Civil Works Planning, Construction, Engineering, Public Works, Operations and, Research and Development.

**Operations and Strategic Communications Team:** Provides CP-18 program policies and guidance to the Army CP-18 workforce. The team hosts a range of webinars to provide insight, training and program guidelines for CP-18 careerist, Activity Career Program Manager's (ACPMs), supervisors and interns. We will also disseminate program updates and information out through the CP-18 ACPMs to ensure that we communicate and share knowledge at every level. CP-18 Program information will *also* be published in the public works digest newsletters and the CP-18 Propensity web site at [https://eko.usace.army.mil/careerprograms/cp\\_18/](https://eko.usace.army.mil/careerprograms/cp_18/). [MORE](#)

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



**ENFORCE 2014:** Due to recently released conference guidance, the U.S. Army Engineer School (USAES) will not host a full ENFORCE this year. What is being proposed is a Senior Engineer Leader Conference (SEL) 24-25APR2014 with travel days 23 and 26APR. Within the SEL there will be the Fallen Sapper Memorial, a Regimental Command Council, the Commandant's State of the Regiment Address, a number of working groups, and the Regimental Ball and Awards Recognition Ceremony. Potential Topics for working groups include: Branch of Opportunities - Talent Management – Credentialing; BEB Initiatives; Combat Engineer Company Restructuring; and Engineers

Role in Strategic Landpower – Regionally Aligned Forces. The working groups and addresses will be in person and via DCO or VTC.

The main challenge is how many senior leaders USAES will be able to bring to Fort Leonard Wood via TDY. A conferencing packet is being worked through MSCOE to TRADOC for approval. Keep your calendars clear for 24-25APR2014 to either participate in person or via DCO/VTC in the Senior Engineer Leader Conference.

News and updates regarding Engineer Regimental Week can be found on the USAES public website:

<http://www.wood.army.mil/usaes/>.

POC is LTC(P) Philip "Flip" Secrist  
USAES, Chief of Staff

## **Directorate of Training and Leader Development**

### **Engineer Diver Newsletter**

It has been a great year for Engineer Divers. Check out the outstanding work performed by these highly trained Engineers in the Engineer Divers newsletter, "The Bottom Times", available to download at the following link: <https://www.us.army.mil/suite/doc/41961712> (AKO CAC authentication required.)

POC: MSG Raymond Ramirez, email: [raymond.j.ramirez@us.army.mil](mailto:raymond.j.ramirez@us.army.mil)

### **Engineer Doctrine**

We are continuing to march forward in updating our Doctrine as part of the Army's "Doctrine 2015" initiative which directly supports and nests with "Army 2020." We will eventually "touch" every Engineer related publication as part of this initiative and your continued support and feedback (especially when each Final Draft Publication is distributed for World Wide Staffing for feedback) are essential to continue to produce top quality publications that are invaluable tools for the Regiment. World Wide Staffing Distribution Lists include Engineer Leaders who are MAJs and above, CW3s and above, and MSGs/1SGs and above.

FM 3-34 (Engineer Operations) should be published on the Army Publishing Directorate (APD) website NLT FEB 14. The new version of FM 3-34 will serve as the foundation for the Regiment for the next few years and will include the new Engineer Regiment "Boxtop". A Final Electronic File (essentially what will eventually be published) was distributed to the World Wide Staffing Distribution list on 18 SEP 13.

We are actively working all 12 of the Army Techniques Publications (ATPs) that the Engineer Regiment "owns" or is the Executive Agent for that have not been published yet.

ATP 3-90.8 (Combined Arms Countermobility) is being prepared for publication. This is a multi-service publication with the USMC. The publication has been approved by USAES and we are awaiting final approval by the USMC.

ATP 3-34.22 (EN OPS, BCT and Below) is in the Drafting Stage and will be used by 1/1 CAV during their FEB/MAR 14 NTC Rotation. Following the NTC Rotation, we will make final adjustments to the Draft and plan to WWS the Draft in MAR 14. This publication will discuss the Engineer Battalion in the BCT.

ATP 3-34.23 (EN OPS, Echelons Above BDE) is in the Drafting Stage and we plan to WWS the Final Draft in FEB 14.

ATP 3-90.4 (Combined Arms Mobility) is in the Drafting Stage and will be used by 1/1 CAV during their FEB/MAR 14 NTC Rotation. Following the NTC Rotation, we will make final adjustments to the Draft and plan to WWS the Draft in MAR 14.

ATP 3-34.20 (Explosive Hazards) is in the Final Approved Draft stage and being prepped to send to USAES.

ATP 3-90.37 (Combined Arms C-IED) is in the Final Approved Draft stage and being prepped to send to USAES.

ATP 3-34.40 (General Engineering) is in the Final Approved Draft stage and being prepped to send to USAES.

ATP 3-34.80 (Geospatial) is currently with the editors at MSCoE.

ATP 3-34.5 (Environmental Considerations) is currently with the editors at MSCoE.

ATP 3-34.45 (Power Generation/Distribution) is still in the Internal Drafting Stage by the sponsoring unit (249th EN BN - Prime Power). Plan for WWS of the Final Draft in MAY 14. ATP 3-34.81 (EN Recon) is in the Drafting Stage and we will complete a Final Draft in the next few months - culminating in a Doctrine Writing Conference at Fort Lewis with the 555th EN BDE (the sponsoring unit) in MAY 14. Expect the Final Draft to be sent for WWS in JUN 14.

ATP 3-90.61 (BSTB) is in the Drafting Stage and we will complete a Final Draft in the next few months. Expect the Final Draft to be sent for WWS in SEP/OCT 13. This will be a relatively simple conversion (minor revisions and terminology updates) to meet Doctrine 2015 guidance. The BSTB manual will be rescinded when the last National Guard BSTB converts to a BEB or is inactivated - not expected until at least FY 18. Our last efforts to meet Doctrine 2015 guidelines will be conversions of any remaining FMs into TMs.

Again, I cannot stress the importance of your continued support in the review of the various publications

when they are sent out for World Wide Staffing - this is the key to producing a Top Quality product. Your feedback is valued and always appreciated. Please contact our office (Mr Doug Merrill or myself) if you have any questions/suggestions/comments.

Thank You.

John C. Morrow

LTC, EN

Engineer Doctrine Chief , DSN: 676-2717 or Comm: 573-563-2717, NIPR: [john.c.morrow2.mil@mail.mil](mailto:john.c.morrow2.mil@mail.mil)

## Reserve Component - Engineer Captains Career Course RC-ECCC (Phase II)

The following are the numbers as of 22 April 2014:

701: 36 Reserved (11 USAR, 25 ARNG) 3 Cancelled out

702: 37 Reserved (14 USAR, 23 ARNG) 1 Cancelled out

703: 45 Reserved (13 USAR, 25 ARNG) 0 Cancelled out, 8 Waits

30 of 54 States/Territories are represented as follows: WI, VT, TX, WA, KY, WV, AZ, CA, VA, TN, SD, SC, PA, OK, OH, NY, NV, MA, NH, ND, NC, MS, MO, MN, MI, LA, KS, IN, IA, GA, UT.

ATRRS sessions are 701, 702 and 703. Feel free to contact me or MAJ Steve Albritton, ECCC-RC Course Manager, [steve.a.albritton.mil@mail.mil](mailto:steve.a.albritton.mil@mail.mil).

The next two Phase 4 Reserve Component - Engineer Captains Career Course RC-ECCC classes are as follows:

Class: 004 RDATE: 11 Jul 2014 EDATE: 25 Jul 2014

Class: 001 RDATE: 05 Jul 2014 EDATE: 07 Nov 2014

### USAES on the Network

Links have been updated as of 29 October 2013.

- [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 \(Forum for the Engineer NCO community on milBook\)\\*\\*](#)
- [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 CAC authentication required

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

### **Personnel Changes at Branch!**

There have been some recent personnel changes within Engineer Branch. First, Master Sergeant Walls, the Senior Combat PDNCO who managed our 12Z's has started his retirement transition. The Branch conducted a retirement ceremony for him on 24 February and his replacement, MSG Richard Hundley, is now in the seat. MSG Walls spent two years here at HRC and did an excellent job supporting our NCOs. His breadth of knowledge and experience will be sorely missed. You can reach MSG Hundley at [richard.c.hundley.mil@mail.mil](mailto:richard.c.hundley.mil@mail.mil). Please take the opportunity to welcome MSG Hundley to the team and be patient as he gets up to speed. Lastly, Mrs. Crespo, Branch's Assignment Manager for the Skill Level 1 Construction MOS's, has left the team for greater opportunities and she will not be backfilled. Ms. Lott, who previously managed 12B and 12C Skill Level 1, will now manage all Skill Level I Soldiers for the Branch. Ms. Lott's contact information remains the same.

Ladies and gentlemen, Enlisted Engineer Branch would like to congratulate our 94 Engineer Sergeants First Class who were selected for promotion to Master Sergeant! Engineer selections exceeded the Army average and was higher than many of our peer CMFs, as well.

Here is some basic comparative analysis, with selection rates, by MOS and/or branch.

- 94 of 557 considered Engineer Sergeants First Class were selected for promotion (17%)
- Army Selection Rate: 2,208 of 17,972 (12%)

- CMF 12:

- 12B: Out of 319 considered, 75 were selected for promotion (24%)
- 12C: Out of 17 considered, 4 were selected for promotion (24%)
- 12D: Out of 5 considered, 1 was selected for promotion (20%)
- 12H: Out of 61 considered, 1 was selected for promotion (2%)
- 12M: Out of 6 considered, none were selected
- 12N: Out of 87 considered, 8 were selected for promotion (9%)
- 12P: Out of 15 considered, none were selected
- 12T: Out of 23 considered, none were selected
- 12Y: Out of 24 considered, 5 were selected (21%)

- CMF 12 vs peer CMF's:

- CMF 12 Selection rate: 17%
- CMF 11: 8%
- CMF 13: .3%
- CMF 19: 6%
- CMF 25: 13%
- CMF 31: 2%
- CMF 35: 14%
- CMF 74: 7%

As a reminder, Enlisted Branches do not have board file access so we can't provide the detailed post-board analysis that Officer branches usually send to the field. Congratulations again to our new Engineer Master Sergeants from Enlisted Engineer Branch! Job well done!

v/r

Johnathan M. Thomas

LTC, EN

Engineer Enlisted Branch Chief

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

The Army Facilities Components System (AFCS) Desktop Application, Theater Construction Management System (TCMS), is a planning, design, management, and reporting system used by military planners, supply agency personnel, and construction personnel in delivering initial, temporary, or semi-permanent Army facilities in support of contingency construction missions. [FACT Sheet](#)

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The current AFCS web portal (<https://redi.usace.army.mil/sites/afcs/default.aspx>) is located on the United States Army Corps of Engineers (USACE) Reachback Engineer Data Integration (REDi) Site; the official website of the USACE Reachback Operations Center (UROC). The UROC is an extremely powerful and versatile tool for the deployed military engineer. It offers Common Access Card (CAC)-authenticated users 24/7 access to online resources for equipment support, online training, and engineer publications. It also hosts an interactive request-for-information (RFI) service that connects military engineers to experienced engineers, IT professionals, and equipment technicians who provide exceptional customer service support tailored to the deployed Soldier's needs. [Fact Sheet](#)

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The Ground-Warfighter Geospatial Data Model (GGDM) is the ground-warfighter "container" into which geospatial data elements are collected, managed and used for analysis. It provides a mechanism for storing and sharing ...

Read More: [http://www.army.mil/standto/archive\\_2014-01-10/?s\\_cid=standto](http://www.army.mil/standto/archive_2014-01-10/?s_cid=standto)

The U.S. Army Geospatial Center (AGC) is the focal point for the Army Geospatial Enterprise (AGE), which will provide the standards and technology to acquire, manage, and share geospatial data for the warfighter. The AGE is based upon an integrated data and services architecture that establishes common requirements,

standard interfaces and data models. The GGDM is a core component of this architecture that provides the standard data model for geospatial feature data required by our ground forces. This standards-based approach will help eliminate stovepipes, reduce costs, simplify acquisition and accelerate transition of technology as part of a standard and shareable geospatial foundation.

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**From the Desk of the Office of the Chief of Engineers Chief of Staff (Reserve Affairs)**

**ENGINEER COMMAND COUNCIL (31 JAN – 01 FEB 14, HQ, USACE)**



Many thanks to all who were able to attend the Engineer Command Council (ECC) at HQ, USACE. It provided a unique opportunity to have all four (4) Regimental components (Active Army, Army National Guard, Army Reserve, and USACE) together, with most active, guard, and reserve BDE CDRs, as well as USACE DIV CDRs, and key stakeholders from HQDA staff, FORSCOM, HRC, and our Regimental leadership at the USAES. Highlights from the ECC included:

- Opening comments were delivered by MG Semonite on the role of the ECC and the overall Regimental Governance Construct
- Great strategic briefings by both the Engineer Commandant and the Chief of Engineers
- HQDA provided a strategic-level brief on Regionally Aligned Forces, followed by operational/component level briefings by FORSCOM (RAF Terms of reference), ARNG (State Partnership Program), and USARC (AREC/T)
- FORSCOM continued their briefings going into the following day (based on the FC Army Total Force Policy Implementation Guidance (tri-signed DEC 2013 by CG, FC, Director Army National Guard, and Chief, Army Reserve)) on the following topics:

- Army Total Force Policy
- Total Force Partnership Program
- A panel Discussion was held on Net Zero for Training through Construction (to find low/no-cost ways of building readiness via troop construction) and was led by MG Cox (USACE DCG Military and International Operations) and Mr. (SES) Greg Kuhr (IMCOM G4)
- A lunchtime panel was led by LTCs Vail (G8), Bigelow (G3FM), and Chamberlayne (OCE-PI) on the major programmatic challenges facing the Regiment moving forward and are ACTIVELY SEEKING YOUR FEEDBACK on the following:
  - What engineer capabilities should we prioritize?
  - What engineer capabilities should we add (understanding that other capabilities will suffer)?
  - Should we relook the capability balance between AC/RC?
  - What types of engineer units should we inactivate?
  - What types of engineer units must we keep and why?
  - What types of engineer units should we add?
  - What unique units should be resident in the AC, ARNG or USAR?
  - How should our engineer procurement priorities change?
  - What equipment should we divest?
  - What equipment should we add (understanding that procurement of other equipment will suffer)?
  - Plz provide feedback directly to LTC Tim Vail, LTC Ben Bigelow, or LTC Ed Chamberlayne **and your unvarnished feedback is highly desired.**
- The 412th and 416th Theater Engineer Command Commanding Generals briefed the A2020 Campaign Plan
- BG Holmes briefed the current accomplishments of the DSCA Working Group during the most recent Colorado Flooding

Major outcomes of the ECC include:

A relook of the governance structure is developing that may include four (4) Working Groups which will help to feed the "Army Gearbox" (The constant struggle between Force Structure, Modernization, and Readiness)

- +Training and Integration - and a means to look at ways to seek total force integration while also seeking cost savings...this would be a new working group but we are also seeking existing fora that may be broadened to accommodate these agenda items
- +Organization and Materiel - this forum is in fact what the working group already is, but may be broadened when needed to seek regimental feedback for key and critical shaping decisions
- DSCA - already a standing working group and led by BG Holmes (ARNG), but needs to also integrate the USAES and what they are doing with Urban Search and Rescue
- Personnel/Leader Development - essentially a community of practice as led by LTC Dave Caldwell at HRC and co-led by the USAES and may migrate to the Combined Talent Management Working Group

Immediately following the ECC we are starting to see:

- Better synchronization with IMCOM
- Revision to AR 415-32 (Troop Construction)
- Desire to get FFE better integrated into total force planning
- A continuous thread going from the ECC to SELC (24-25 APR) and 416th TEC ENTAPE (18-22 JUN) with increased levels of commitment and moving forward

For those unable to attend the ECC, the slides for all presentations can be found at:

<https://www.us.army.mil/suite/files/42155078>

### **Training and Integration Working Group (TIWG)**

A direct result of the ECC was the desire to establish a venue to better harness the limitless opportunities for

training that exist across all four Regimental Components. The TIWG will be discussed in depth during the “Operationalization of the Reserve Components” session at the Senior Engineer Leader Conference (SELC) at FLW in late APR. We are looking at the establishment of a clearinghouse of both training opportunities (be they RAF or Troop Construction) based on the requirements of varying organizations to include IMCOM, Regional DPWs, Installation DPWs, ASCC Engineers, AMC, and USACE. **If you have a desire to take part in this TIWG forum (predominatly virtually), to be able to create conditions to build readiness in a low/no cost environment using the Net Zero for Training methodology, plz contact me directly** for inclusion into our Community of Practice. Looking forward to unlocking the potential in the coming months.

### IMA Program and PFI Tours

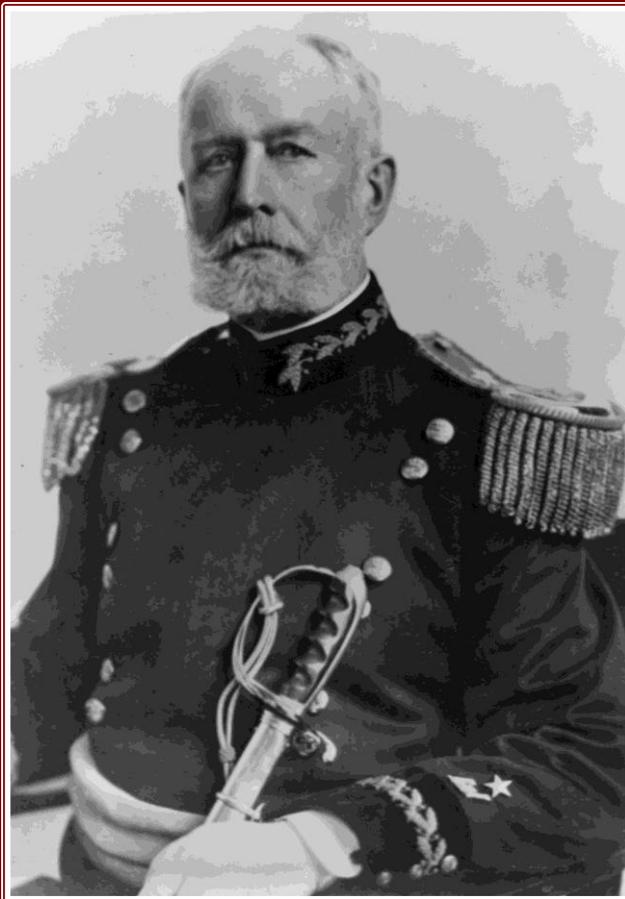
My office is responsible for the administration of both the Individual Mobilization Augmentee program (which supports both HQ, USACE as well as subordinate Divisions and Districts), as well as numerous tour opportunities (both CONUS and OCONUS) that support the operational needs of the Army. Should any of you have questions regarding affiliation with the IMA program (a great opportunity to serve in a non-standard fashion (meaning you do not drill on a regular schedule, but rather a more flexible schedule based on unit needs and your availability (48 UTAs and 12 days of Annual Training))); please contact MSG Angela Reid at [angela.m.reid@usace.army.mil](mailto:angela.m.reid@usace.army.mil). If you desire more information on tour opportunities through this office (or be informed as they arise in the future through e-mail), SSG Ricardo Hamer serves as the main recruiting POC and can be reached at [Ricardo.Hamer@usace.army.mil](mailto:Ricardo.Hamer@usace.army.mil).

Looking forward to seeing many of you at many of our Regimental Governance fora, and as always, I can be reached at [adam.s.roth2.mil@mail.mil](mailto:adam.s.roth2.mil@mail.mil).

“Essayons!”

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## F: Engineer History: The 27<sup>th</sup> Chief of Engineers – BG Dan Christie Kingman



### Brigadier General Dan Christie Kingman

*Chief of Engineers*

*(October 12, 1913–March 6, 1916)*

Born March 6, 1852, in Dover, New Hampshire, Dan Kingman graduated second in the Military Academy Class of 1875 and was commissioned in the Corps of Engineers. He served as an instructor at the Military Academy and as the engineer officer of the U.S. Army's Department of the Platte. In 1883, he also began the construction of roads and bridges in the new Yellowstone National Park. Kingman directed improvements along the Lower Mississippi River in 1886–1890 and received the thanks of the Louisiana legislature for “splendid service rendered” during the 1890 flood. He oversaw harbor and fortification work on Lake Ontario in 1891–1895 and improvements on the Tennessee River in the last half of that decade. In the latter assignment, he initiated planning for federal cost-sharing with private hydroelectric-power investors for a lock and dam built below Chattanooga. Kingman oversaw substantial harbor improvements at Cleveland in 1901–1905 and headed the Corps' Savannah District and Southeast Division in 1906–1913. The Panama Canal was completed while he was Chief of Engineers. He retired March 6, 1916, and died November 14, 1916, in Atlantic City, New Jersey. Gen. Kingman was buried with high military honors in Arlington National Cemetery. Among the pallbearers were Chief of Staff General Hugh L. Scott and two former Chiefs of Engineers, Generals Mackenzie and Bixby.

## G. Special Interest:

[Video: Integrating Our Government - Empowering Soldiers](#) with Jason E. Feser, CW4, EN, U.S. Army; Lyle Wright ---Update of latest Geospatial Technology.

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ALBUQUERQUE, N.M., -- Lt. Col. Gant, commander, Albuquerque District, U.S. Army Corps of Engineers Corps, and Kurt Wagener, field engineer for the Albuquerque Metropolitan Arroyo Flood Control Authority with the Girl Scout Troop #35 as they display their new badges, March 22, 2014.

The girls had helped the Corps and AMAFCA with an ecosystem project, creating burrowing owl habitats in the Calabacillas Arroyo on Saturday, Dec. 14, 2013. As a result of their participation, the scouts each received two badges: a burrowing owl badge created specifically for this project, and an animal habitats badge.

Photo by Ronnie Schelby.



ALBUQUERQUE, N.M., -- District Commander Lt. Col. Gant rewards one of the Girl Scouts in troop # 35 with her Owl Prowl badge, March 22, 2014.

The scouts had helped the Corps and AMAFCA with an ecosystem project, creating burrowing owl habitats in the Calabacillas Arroyo on Saturday, Dec. 14, 2013. As a result of their participation, the scouts each received two badges: a burrowing owl badge created specifically for this project, and an animal habitats badge.

Photo by Ronnie Schelby.



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This link will take you to the March edition of the Sapper Sentinel, the newsletter of the U.S. Theater Engineer Brigade in Afghanistan (while under 130th Engineer Brigade command): <http://www.dvidshub.net/publication/issues/15247>

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**H. Recurring Links:** [Engineer Casualties](#) ; [PASSAGES](#) ; [Military OneSource](#) [Transatlantic Division](#) [Topographic Engineering Center](#) ; [United States Army Engineer Research and Development Center](#) ; [Joint Task Force North](#) ; [ENGINEER UNIT REGIMENTAL LINKS](#) ; [Maneuver Support Center of Excellence](#) [Great Lakes and Ohio River Division](#), [Mississippi Valley Division](#), [North Atlantic Division](#), [Northwestern Division](#), [Pacific Ocean Division](#), [South Atlantic Division](#), [South Pacific Division](#), [Southwestern Division](#),

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## 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.”

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

## 1. FORT LEONARD WOOD ENGINEER WEEK 2014 / AEA INDUSTRY EXHIBITION

The Army Engineer Association is proud to conduct the FORT LEONARD WOOD ENGINEER WEEK 2014 / AEA INDUSTRY EXHIBITION. Fort Leonard Wood Engineer Week 2014 is scheduled for 21–25 April. The exhibit will run from 21–23 April.

AEA has organized and conducted a Vendor Exhibit at Fort Leonard Wood, MO, annually over the past 19 years. With government travel restrictions ongoing, there is no better opportunity for Industry to display their products and services to the Engineer community at Fort Leonard Wood. Last year, the Engineer School Commandant and staff were available and willing to meet every vendor displaying.

Save the dates now: 21–23 April 2014 | AEA INDUSTRY EXHIBITION | Fort Leonard Wood, MO

For details, contact CSM (Ret) Julius Nutter at 573.329.6678 or [flw@armyengineer.com](mailto:flw@armyengineer.com)

2. AEA has an online Career Center linked on our home page at [http://www.armyengineer.com/AEA\\_career\\_center\\_v1.htm](http://www.armyengineer.com/AEA_career_center_v1.htm). It is a capability dedicated to linking our Individual Members seeking job info with our Supporting Firm Members looking for quality employees.

3. Our Engineer community has a sizable number of combat wounded. AEA Supporting Firm Members want to help them, but we need everyone working to ID and link those wounded soldiers with our Industry partners. Help us get the word out.

4. For AEA Member information -- please share with anyone you know who may have an interest in this program. Members may validate member status at the member portal - at [www.armyengineer.com](http://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

## 5. **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 an 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>

[Society of American Military Engineers](#) : [The Military Engineer](#): [Membership](#) : [Bricks & Clicks](#)

1. . **SAME membership** offers industry professionals and service members in the A/E/C, facility management and environmental fields the opportunity to connect through national and regional events, build those relationships through our [worldwide network of Posts](#), and engage in training and development to improve their skill set and that of the nation's military engineering workforce.

[Join Online Today!](#) SAME offers for a one-time \$60 fee continuous membership throughout the duration of your time in uniform, as well as reduced rate pricing tiers for public sector and private sector employees.

2. **Education & Training** : Continue your professional education at SAME [local and national events](#), including regional training symposiums and the annual [Joint Engineer Training Conference & Expo](#) (JETC).

SAME's Continuing Education Program includes a vast array of continuing education courses geared toward providing in-depth information for professionals working in the DOD marketplace. SAME also offers five courses through our Strategic Partners including the Design-Build Institute of America (DBIA) and the Society for Marketing Professional Services (SMPS). All courses provide PDHs and many offer additional continuing education or learning units that have been approved by other organizations and certification programs.

In an effort to bring these timely educational opportunities to professionals in their local area, SAME Posts and Military Installations may select courses of specific interest and serve as the host for the training. SAME HQ does the rest. The benefit is that local members get access to education that meets their specific needs—and they get it at a location that is conveniently located near their home or office.

Posts or Installations interested in hosting educational sessions can contact Belle Febbraro, SAME Program Manager, at 703-924-2616, or [bfebbraro@same.org](mailto:bfebbraro@same.org).

3. **Committees & Councils** : Engage with others in professional disciplines such as Facility Asset Management, Energy & Sustainability, Joint Engineer Contingency Operations, Small Business, or new in 2013, Architectural Practice. Participating in [SAME's Committees & Councils](#) is a great chance to help shape the conversation among other leaders and decision-makers across DOD and industry.

4. . **Career Opportunities**: Transitioning from military service? Retiring from 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](#)! The site is utilized by hundreds of companies that gain access to your resume through their placement of job announcements and best of all it's free for SAME Members!

Also check out the annual [SAME Transition Workshop & Job Fair](#)—a great way to connect with SAME Sustaining Member firms and public agencies as you leave the service or are just looking for new career opportunities!

5... **Information Services—In Print and Online**: Stay on top of developments in the A/E/C field through our industry-leading publication, [TME—The Military Engineer](#) magazine and the new *TME Online*, where you'll discover in-depth features on contracting and design, environmental engineering, civil works and infrastructure resilience, emerging technology, energy and sustainability, engineering lessons learned from the battlefield, and much more.

6. The editorial staff is always accepting article submissions on a variety of topics, so check out the [Editorial Calendar](#) today or contact the [TME editor](#) for more.

The [Directory of Member Companies and Organizations](#) can point you in the right direction when starting a new project, while [Bricks & Clicks](#) and [SAME's Flickr page](#) bring you news, notes and photos from events year-round!

7. **Future Engineers**: SAME continues to reach out to aspiring engineers through its Student Chapter



program—now at 49 colleges and universities across the country. SAME membership is FREE for students and provides them with opportunities for leadership and mentorship, plus potential internships or first jobs. To learn more about the SAME College Outreach program, please visit [www.same.org/college](http://www.same.org/college).

## [Army Engineer Spouses' Club:](#)

1.. 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://armyengineerspouses.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!

2.. 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.

- [Home](#)
- [Castle Boutique](#)
- [DC Programs](#)
- [Membership](#)
- [AESC \(members only\)](#)
- [Scholarships](#)
- [Contact Us](#)
- [Engineer Links](#)
- [Online Membership Form](#)

### Welcome

The Army Engineer Spouses' Club welcomes membership from spouses of all U.S. Army Engineers, civilian employees of USACE and, with approval of the Executive Board, other persons who are associated with the Corps of Engineers.

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### Announcements

The Army Engineer Spouses Club is proud to announce two ways to join the club!! New and returning members can use our [online form](#) and pay via PayPal or credit card.

### Or

Download and print out the membership form (.pdf), fill it out and send it in with a check

[See the membership page for more information.](#)

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### Your Volunteer Experience

We would like to request your help. We are looking for stories regarding volunteer experiences that have been meaningful or interesting to share. We would like to publish them in upcoming issues of the Castle Gram. Do you have a story to share? We would love to hear it!

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[92](#), [91](#), [90](#), [89](#), [88](#), [87](#), [86](#), [85](#), [84](#), [83](#), [82](#), [81](#), [80](#), [79](#), [78](#), [77](#), [76](#), [75](#), [74](#),  
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[24](#), [23](#), [22](#), [21](#), [20](#), [19](#), [18](#), [17](#). 1-16 are available on AKO

Alternate response email address is [usarmy.pentagon.hqda-occe.mbx.daen-zc@mail.mil](mailto:usarmy.pentagon.hqda-occe.mbx.daen-zc@mail.mil)



# Castle Courier



## A Publication of the U.S. Army Engineer Museum

14296 S. Dakota Ave, Ft. Leonard Wood, Mo 65473

Jan-Feb 2014

I must admit that, between all the snow days and the holiday schedule, not a lot was accomplished at the Museum over the past two months. The response to AEA's fundraiser to purchase the WW2 Brockway for the Museum was inspiring. Thanks to all those that made donations, without your support it would be almost impossible to continue improving our Engineer historical collection. We are now just \$700.00 away from purchasing the truck. ESSAYONS!

*Troy*

### Planning Your Visit to the Fort Leonard Wood Museums.

I'm often asked, "How long does it take to go through the museum?" The answer is complicated. The Mahaffey Museum Complex comprises four museums, a vehicle park, and a memorial grove. It is easy to spend an entire day at the Museum Complex.

The 26 acres that comprise the Mahaffey Museum Complex house the Engineer Museum, the Military Police Museum, the Chemical Corps Museum, and the Fort Leonard Wood Museum. These four museums encompass almost 40,000 square feet of indoor exhibits. The vehicle park contains 17 historic vehicles, representing the three regiments.



The Engineer Memorial Grove on the south side of the Museum Complex.

Continued on page 2

### Engineer Flag and General Leonard Wood's Saber will be Getting a Face Lift.

The Engineer Museum Staff also manages over 4,000 artifacts belonging to the Fort Leonard Wood Museum. One of the highlights of this collection is a Model 1872 Cavalry Saber that was owned by General Leonard Wood.

The saber, and especially its accompanying scabbard, have had a hard life. Years of campaigning, left the scabbard scarred and rusted. Recently the Engineer Museum was able to obtain funds to clean and repair the sword and scabbard.



Gen Wood's name partially obscured by rust.

The cleaning and repair will take approximately six months. Once the sword and scabbard return from the conservator, the pair will be exhibited in the Leonard Wood exhibit.

A set of national colors carried by the Second Volunteer Engineer Regiment during the Spanish-American War will also be conserved. The flag will be cleaned, stabilized, and encased in an artifact-friendly mounting case.



*Continued from page 1*

The memorial grove has amphitheaters where the soldiers of each regiment conduct their regimental induction ceremonies. In the center of the grove is a memorial to all service members.



***In the center of the three memorial groves is a reflecting circle, which features monuments to each of America's major conflicts, flags of the services, and benches.***

The Mobilization Training Area depicts how soldiers would have lived, eaten, worked, and worshipped during the World War Two to Vietnam era. One building also interprets the WW2 Axis Prisoner of War experience.



***The latrines in the Mobilization Training Area show how the principle of privacy has evolved in the Army.***

For groups of visitors, the World War Two messhall can be scheduled for brown bag lunch events. The messhall can seat over 100 people comfortably. Within the main museum building there are four classrooms which can be scheduled for a variety of functions.

## **Engineer Round-up.**

On the last Friday of each month from January to October, the Sverdrup Chapter of the Army Engineer Association hosts an Engineer Round-up in the Engineer Regimental Room of the Engineer Museum. From 1630-1800, the Round-up provides a great fellowship and networking opportunity for Engineers. If you're in the area, stop by and enjoy free food, good fellowship and great Engineer history.



***Over 400 people attended the January Engineer Round-up.***

## **Things to Consider When Visiting the Mahaffey Museum Complex.**

Admission is FREE and donations are accepted. Hours are 8:00 a.m. to 4:00 p.m. Monday through Friday and 10:00 a.m. to 4:00 p.m. Saturdays. The Museum is closed Sundays and Federal Holidays. Photography within the museum and on the grounds is encouraged.

If you served in the Engineers or on Fort Leonard Wood and you have photographs or slides, bring them. The museum staff can scan them while you visit. These slides and photographs are very helpful in planning future exhibits.

For questions call (573) 596-0313 x 62549, or visit these websites for more information:

Engineer Museum Website;

<http://www.wood.army.mil/usaes/museum.html>

Pulaski County Tourism Website;

[http://visitpulaskicounty.org/?utm\\_source=google&utm\\_medium=cpc&utm\\_campaign=Pulaski%2BCounty&gclid=CP2h7daZ07sCFdBlOgod011APA](http://visitpulaskicounty.org/?utm_source=google&utm_medium=cpc&utm_campaign=Pulaski%2BCounty&gclid=CP2h7daZ07sCFdBlOgod011APA)

Fort Leonard Wood Public Affairs Website;

<http://www.army.mil/info/organization/paowood/>