

Inside this issue:

Office of the Chief of Engineers	2
Engineer Branch	3
US Army Engineer School	6
Regimental History	14
Regimental Highlight 35 th EN BDE	15
News From Around the Regiment	21
Army Engineer Association	32
Regimental Engagement	33

From the Chief of Engineers

Engineer Leaders,

As we move forward into the new year, I am excited for the opportunities that lie ahead in 2023 for the Engineer Regiment! At HQDA, we are well into the fiscal programming process to resource our manning, equipping, sustainment, training, and installations requirements. I greatly appreciate the involvement of Engineer Leaders and commands as we complete the Engineer Force Design Update and posture our regiment to best support the Army of 2030. I am looking forward to engaging with Engineer units across all components during our Regimental Governance forums and my upcoming visits to the field. Once again, this Engineer Blast edition is loaded with information that I hope you will find both helpful and interesting. Thank you for your hard work and contributions to our great Engineer Regiment.



LTG Scott A. Spellmon

*Essayons!
Building Strong!*



Interested members of the Engineer Regiment are welcome to attend the next quarterly Combined Talent Management Forum (CTMF) with the Chief of Engineers and Engineer School Commandant.

Details of the next CTMF are as follows:

Meeting information:

DTG: (Tentative) Friday, 5 May 23; 1430-1530 (Eastern)

Format: [MS Teams/A365](#) Team Code: ms6s4o2

Alt Phone: 571-616-7941 / Code 789 461 668#

POC: LTC Aurelia, OCE, adam.m.aurelia.mil@army.mil

Task & Purpose: Conduct an enterprise-level talent management (TM) forum that provides the Engineer Regiment updates on TM initiatives, synchronizes Regimental TM efforts, provides senior leader guidance and stimulates open discussion in support of the Regimental Campaign Strategy



Members of the Army Reserve are also encouraged to also attend the monthly Engineer Talent Management Operational Planning Team (ARENTM-OPT).

Details of the next ARENTM-OPT are as follows:

Meeting information:

DTG: Wednesday, 15 March 23; 1200-1300 (Eastern)

Format: [MS Teams/A365](#) Team Code: ms6s4o2

Alt Phone: 571-616-7941 / Code 267 809 225#

POC: LTC Aurelia, OCE, adam.m.aurelia.mil@army.mil

Task & Purpose: Conduct an action officer-level forum of Army Reserve Engineer Talent Management stakeholders IOT educate, develop and gain consensus on talent management initiatives ISO the Regimental Campaign Plan prior to senior leader review & implementation.



OFFICER ENGINEER BRANCH

Greetings from Human Resources Command at Fort Knox, KY!

Engineer Branch has been hard at work supporting the implementation of the Integrated Personnel and Pay System – Army (IPPS-A), executing the results of the 23-02 Marketplace, finalizing the FY24 O5 and O6 Centralized Selection List (CSL) Slates, and building relationships throughout the Engineer Regiment. Quarterly highlights include updates on the marketplace, IPPS-A, and promotion boards.

23-02 Marketplace Update: Career Managers notified all Officers in the 23-02 distribution cycle of their next assignments over the last month, and are now focused on generating and releasing Assignment Information (RFOs). Overall satisfaction with the 23-02 marketplace was **HIGH** across the force, with 87% of Officers receiving an assignment in their Top 10% of preferences.

We anticipate the upcoming 24-01 marketplace to execute in late April 23 - early May 23 and will include Officers moving from October 23 – March 24. HRC is minimizing movers in the 24-01 cycle to better support IPPS-A implementation. Officers will move by exception in 24-01 to support change of command timelines, ACS schooling attendance and completion, and Professional Military Education (PME). Shifting Officers into the 24-02 cycle to move between April 24 – October 24 will provide more job opportunities, better administrative support, and better talent management – overall. Please review your Year Month Available to Move (YMAV) and reach out to make any adjustments.

IPPS-A: IPPS-A went live starting on 17 January 23, and we ask for the Regiment's support and patience as we operationalize IPPS-A. Overall, IPPS-A is going to be a better and more responsive system when it comes to human resources and talent management, but it is going to take some time for us realize IPPS-A's full potential. Key changes to the orders production process and updating individual records are answered below in Frequently Asked Questions.

IPPS-A Frequently Asked Questions

How do I get my RFO?

RFO's are no longer produced, the new term under IPPS-A is assignment information. Individuals will be provided assignment information through IPPS-A.

How do I get my orders?

BLUF: Officers must complete Member Elections in IPPS-A to enable the MPD to cut orders.

Effective immediately, all PCS assignments are being processed electronically from HRC to IPPS-A. Once IPPS-A receives the assignment information, a notification will be sent to the Officer to choose their member elections (i.e., which dependents will be moving with the Officer). After the Officer/Soldier makes their elections, the assignment is sent through IPPS-A to the installation/command MPD. The servicing MPD can approve the assignment details and then generate Assignment Orders. Orders are then transmitted within IPPS-A, sent to the Officer/Soldier's iPERMS, and made available to the Soldier via their mobile device and/or computer. PCS orders may be printed as desired.



OFFICER ENGINEER BRANCH

How do I update my ORB / SRB?

Officers and Soldiers will not have the ability to update their ORB/SRB through historical means. IPPS-A transitioned the ORB/SRB to the Soldier Talent Profile. Individual Soldiers may update details on their Soldier Talent Profile through IPPS-A by using a personal action request or through their local servicing S1.

Due to the transition to IPPS-A, data on the Officer and Soldier Record Briefs for Boards may not accurately reflect information contained in a Soldier's Army Military Human Resource Record or in IPPS-A. To mitigate the impact on Officers/Soldiers going through a board, all board members in FY23 will receive the following verbal and written guidance: "Any inconsistencies, errors, or blank data noted on a Record Brief should not be viewed as a failure on the Soldier's part to update the promotion file and should not reflect negatively on the individual."

Officers and Soldiers can still verify their Record Brief that will be viewed at a board by checking and certifying their board files. If there are significant discrepancies, Soldiers are encouraged to submit letters to the board through the process laid out in each respective board MILPER.

What should I do to prepare for a future Promotion Selection Board?

- Continue to update Officer data in IPPS-A.
- Continue to submit documents to iPERMS (it is unaffected by the transition to IPPS-A).
- Review and certify files for upcoming boards to ensure document accuracy.
- Work with your S1/G1 to correct file errors, not waiting until the board files cutoff.
- Submit letters to the board, as laid out in each associated MILPER, if there is concern about file discrepancies.

Promotion Boards

Congratulations to the Engineer Officers selected for promotion to COLONEL for FY23 AC!

Eli Adams	David Dake	Robert McTighe
Scotty Autin	John "JD" Davis	John Morrow
Matthew Baideme	Robert Fairel	Justin Pritchard
Kwame Boateng	Jeremiah Gipson	Marlon Ringo
Matthew B. Chase	Jessica Goffena	James Startzell
Richard Childers	Johnathan Hester	Phillip Valenti
Ada Cotto	Brian Looney	Seth Wacker

Upcoming FY23 MAJ PSB Board convenes on 28 March 2023. Certify your board file NLT 23 March 2023 at My Board File: <https://www.hrcapps.army.mil/portal>.

Talent Management Update

As the Army continues to refine Talent Management as a program of record across the whole enterprise (Officer and Enlisted), the concept of "Managing Your Own Talent" becomes more and more important. At Engineer Branch, we see the concept of "Managing Your Own Talent" broken down into three key questions:

1. *What defines success for you?*
2. *What defines happiness for you and your Family?*
3. *What do you want to do next?*

The Army's Talent Alignment Process provides Officers with more control and career flexibility to pursue diverse and unique experiences in the Army outside of a traditional career path. A better understanding of what defines success for you, along with what defines happiness for you and your Family, helps an Officer better manage their own talent and attain near-term and long-term goals. Simultaneously, the answers to these questions assists us at Engineer Branch to help an Officer chart a career path to achieve these goals.

We would love the opportunity to engage with your Team face to face and sit down with Officers one-on-one. Reach out to schedule a Branch Visit!

Essays!

John "JD" Davis
LTC, EN
EN Branch Chief
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Engineer Branch Highlights



Issue #120—Q2 FY23

ENLISTED ENGINEER BRANCH

CMF 12 PROJECTED PERSONNEL STRENGTH

CMF 12 (FY23) ACTIVE COMPONENT STRENGTH				FY24
	O/H PROJ	AUTH	PERCENTAGE	
E1-E4	6,467	7,914	82%	72%
E5	3,000	3,050	98%	99%
E6	2,341	2,341	100%	100%
E7	1,328	1,328	100%	100%
E8	473	473	100%	100%
E9	155	155	100%	100%
Total	13,764	15,261	90%	85%

- ❖ SKL 1 is deficient Army wide; CMF 12 is projected to drop down to **72%** by 2024. *DATA derived from IPAS FY23/FY24
- ❖ The Army is 30,000 personnel short. This is an issue impacting us all.

What is the Enlisted Manning Cycle (EMC)

- ❖ It Uses YMAV (Year Month Available) to identify when an NCO is eligible to move.
- ❖ The EMC Market Schedule lists the YMAV range.
- ❖ EMC Markets are 9-12 months prior to SMs YMAV Date.

EMC Schedule/Update

EMC	YMAV Range	Initial Notify	Market Start	Market End
24-01	202310-202402	20230104	20230201	20230316
24-02	202401-202405	20230326	20230426	20230607
24-03	202404-202408	20230621	20230719	20230829

- ❖ NCO movers who participated in EMC 23-04 have not currently been finalized to assignments.
- ❖ **EMC 24-01 and 24-02 Merger.** Per MILPER 23-012, EMC 24-01 and 02 will be combined. The combination allows commands to complete IPPS-A go-live tasks to improve data accuracy prior to the staffing cycle. YMAVs will not change. Soldiers with YMAV 2310-2405 will be in the combined market. The market will run from 26 Apr 23- 06 Jun 23. If a Soldier requires a report date earlier than January 2024, they will need to contact their branch manager. Any/all stabilization actions for 24-01/2 movers need to be at HRC NLT 12 Mar 23.

EMC Best Practices

- ❖ Add Enlisted markets to Long Range Calendar
- ❖ Communicate concerns with Talent/Assignment managers 4-6 weeks prior to market opening.
- ❖ Submit all actions (stabilization, WOCS, Retirement, etc.) 45 days prior to market opening.
- ❖ Leaders, encourage market participation; monitor preference status through entire market.
- ❖ Preference early (especially EFMP); Review market at opening (wk. 1-2), mid-market (wk. 3-4) and at the end (wk. 5-6) as options may change.
- ❖ Preference location, not specific assignments. (Don't waste your votes by preferring the same location multiple times).

- ❖ Ensure you meet qualifications for preference assignment/location.

NCOES Schools Branch Scheduling

- ❖ **ALC;** HRC schedules Soldiers 90-120 days prior to class start date based on the highest promotion points by MOS and by the course with the earliest graduation date.
- ❖ **SLC;** HRC schedules Soldiers for SLC based on the OML and training seats available by MOS. HRC schedules Soldiers 90 to 120 days in advance.
- ❖ **MLC;** HRC schedules Soldiers for MLC based on the OML and Army promotion requirements by MOS. HRC schedules Soldiers 90 to 120 days in advance.

Enlisted-FYSA

- ❖ **DA PAM 600-25 update;** KD timeline has changed from 18-24 months to 24-36 months.
- ❖ A continuous trend from FY22 evaluation board analysis shows that the majority of Top 10% NCOs are KD complete and receive NCOERs with Senior Rater enumeration (i.e.; 1 of ...).
- ❖ Utilize Career Tracker/Map to identify updated SKL career opportunities for schools, certs and available professional programs pertaining to your specific CMF 12 MOS.
- ❖ **Retention Control Point Change.** Enlisted personnel can submit for temporary RCP extensions of two years. The extension in the MILPER is not automatic. See MILPER 22-394 for more details.
- ❖ **Drill Sergeant Volunteer.** SGT (P) and SSG whom have questions about serving as or want to volunteer to serve as DS are encouraged to contact their talent/assignment managers.
- ❖ **MILPER 22-493;** Effective 01 January 2023, RA Soldiers may submit voluntary retirement requests at least 9 months, but no more than 24 months, before their requested retirement date.

Branch Contact Details

- ❖ Enlisted Engineer Branch Facebook Page: <https://www.facebook.com/Engineer-Enlisted-Branch-927963673957361/>
- ❖ Enlisted Engineer Branch Email: usarmy.knox.hrc.mbx.epmd-engineer-branch@army.mil
- ❖ Combat EN Team Line: 502-613-5945
- ❖ Construction EN Team Line: 502-613-5944
- ❖ Branch Leadership Line: 502-613-5953



From the Commandant



Colonel Joseph "Clete" Goetz

Fellow Engineers,

Thanks for reading this version of "The Blast." We recently completed a Change of Responsibility for our Regimental CSM and I'd like to personally farewell our 28th Regimental Command Sergeant Major, CSM John Brennan, for his leadership and passion for Engineer Soldiers. He sets a high bar for #29, CSM Zach Plummer, who is exactly what our Regiment needs now.

It's getting to be that time of year...Engineer Week will soon be upon us. Our goal for Engineer Week 2023 is to return to a pre-pandemic size and scope. As always, we'll kick off the week with the 16th Annual LTG(R) Robert Flowers Best Sapper Competition, leading us into the Senior Engineer Leader Forum (SELF), our Regimental

Ball, and Engineer Total Army Planning Exercise (ENTAPE). This is going to be a fantastic event. So, join us to reconnect across our Regiment, visit with vendors, and collaborate to shape our Regiment for 2040. Please mark your calendars and get here. We're excited to host you at Fort Leonard Wood.

Essayons,
COL Clete Goetz, 100th Commandant



Command Sergeant Major Zachary Plummer

Regimental Command Sergeant Major

Greeting from the Engineer School. The 16th Annual LTG Robert B. Flowers Best Sapper Competition is rapidly approaching. Teams report on 20 April, the competition runs from 22-24 April, and the awards ceremony is 25APR. Please encourage your

Sapper qualified personnel from all three components to sign up!

Additionally, some significant changes to the MSCOE NCOA experience are under way - it is now a two-phase experience. Phase 1 is a virtual learning environment and Phase 2 requires students to report to their respective training site for the resident experience. Completion of both phases is crucial to the NCOs career progression. Unit leaders please support your NCOs!

Essayons.



Chief Warrant Officer Five Dean Registe

Regimental Chief Warrant Officer

Greetings from the U.S. Army Engineer School (USAES). There are several initiatives by the Army to modernize the Warrant Officer cohort and improve the Army. Recently the Engineer Regiment has revised the accessions prerequisites for Engineer

Warrant Officers. This effort was made to open the aperture of true talent management, find highly qualified Soldiers, and increase accession opportunities to tap into hidden talent earlier to develop the skills and knowledge that our Engineer Regiment will need in 2030. Another great initiative is the creation of a new level of PME, Warrant Officer Intermediate Course (WOIC) that will be added for CW2s to deepen their technical knowledge before becoming Field Grade Officers.

Essayons. . . We WILL Succeed!



Engineer Personnel Development Office (EPDO)

Industry Credentialing Opportunities for CMF 12 Engineers (Enlisted Only)



Are you looking for ways to enhance your military job skills?

Do you want to demonstrate your motivation for more challenging military assignments?

Would you like to make yourself more marketable for future employment?

The United Services Military Apprenticeship Program (USMAP) is a formal military training program that provides Active Duty and Reserve Army Service members the opportunity to improve their job skills and to complete their civilian apprenticeship requirements **while serving their country on active duty.**

What is an *apprenticeship*?

A Registered Apprenticeship is a formal, structured training program where you get your training on the job. This combination of on-the-job training (OJT) and related technical instruction allows you to get valuable work experience and recognized industry credentials to advance your career.

As a Service member, you can earn an apprenticeship with the OJT and military training you already get while serving— you simply need to enroll and record your work hours.

Apprenticeships help show employers documented work experience using sought-after skills in the workforce. Proving you have your apprenticeship could mean that you qualify for better jobs and significantly more pay.

General Requirements for Applicants:

- **Active Duty Enlisted:** You must be an active duty enlisted Servicemember, including members of Reserve, Guard, or Air National Guard performing in the capacity of your Uniformed Service duties.
- **12 Months Remaining:** You must have a minimum of 12 months remaining on active duty.
- **Work in Trade Full Time:** You must be assigned and working full time under supervision in your requested trade (not a collateral or extra duty).
- You must report your hours worked in a trade.
- You must adhere to USMAP and Department of Labor (DOL) standards.

United States Army Engineer School



Issue #120—Q2 FY23

EPDO Continued



TRADE \ MOS	12A	12B	12C	12D	12G	12H	12K	12M	12N	12P	12Q	12R	12T	12W	12X	12Y	12Z
Computer Operator	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Construction Carpenter		X	X	X		X								X			X
Construction Equipment Mechanic		X	X														X
Operating Engineer (Construction)		X	X		X				X								X
Rigger		X	X	X					X								X
Truck Driver, Heavy		X	X		X				X	X	X						X
Motorboat Operator			X														
Cement Mason				X		X								X			
Welder, Combination				X													
Electrician						X				X	X	X					
Plumber						X	X										
Pipe Fitter							X										
Emergency Medical Technicians and Paramedics								X									
Fire Fighter								X									
Electric-Motor Repairer										X							
Electrician, Maintenance										X	X	X					
Industrial Maintenance Mechanic										X							
Power-Plant Operator										X							
Drafter, Architectural													X			X	
Drafter, Civil													X			X	
Graphic Designer													X			X	
Surveyor Assistant													X			X	
Meteorologist																X	

Eligible trades related to CMF 12 MOS(s).

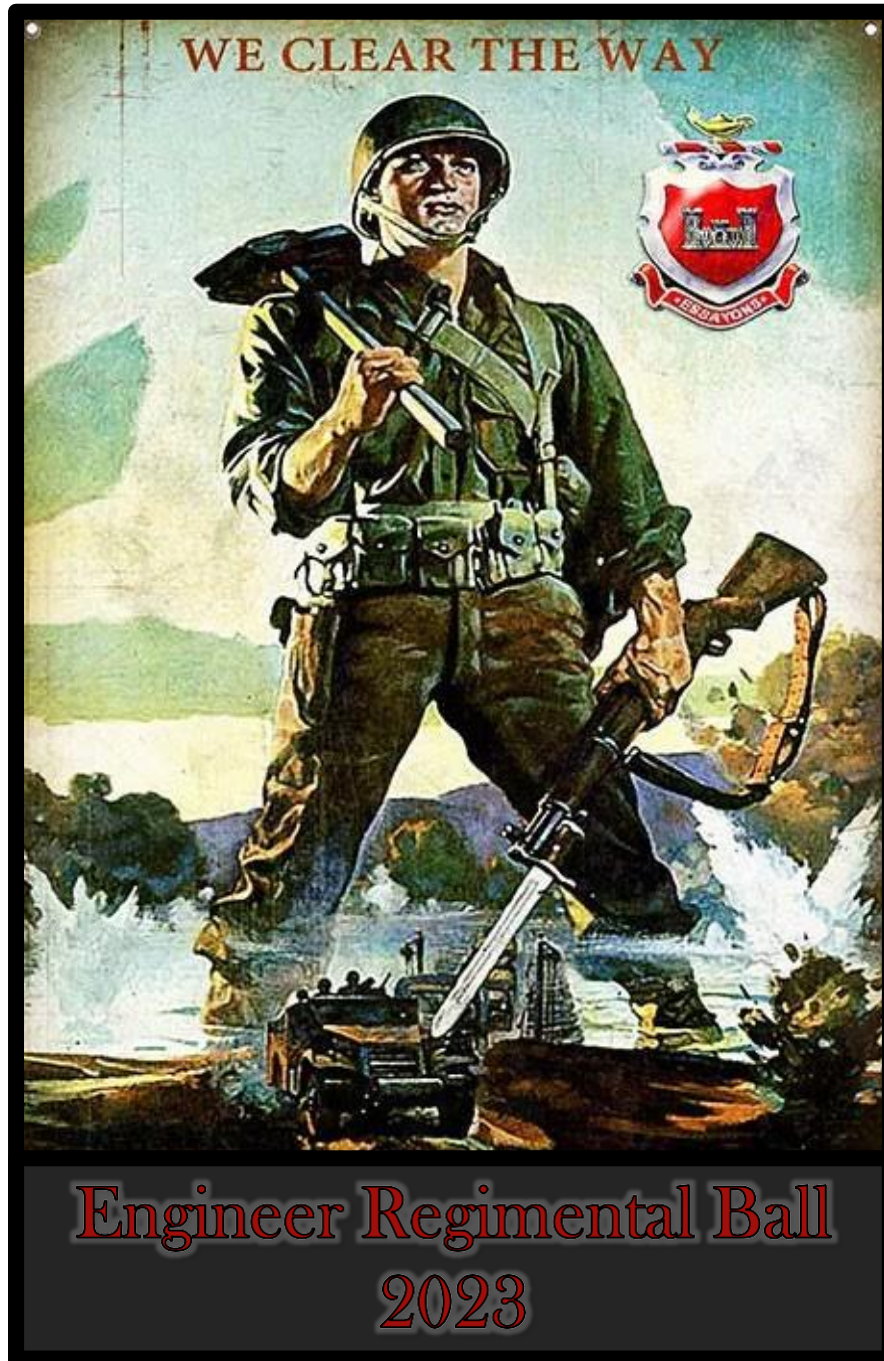
For more information see:

United Services Military Apprenticeship Program website at <https://usmap.osd.mil/>

or

ARMY COOL at <https://www.cool.osd.mil/army/apprent/index.html>

Get your 2023 Regimental Ball tickets today!



Visit the following link to RSVP and purchase your tickets:

<https://invitations.afit.edu/inv/anim.cfm?i=721000&k=056343097B57>



U.S Army Engineer School Credentialing, Education Certification, and Licensing Program (CECL)



Fellow Engineers USAES offers Engineer Officers, Warrant Officers, and Enlisted in Active, Guard, and Reserve the opportunity to attain highly sought-after civilian credentials and licenses. If your interested in jumpstarting your career, contact the CECL Program Manager SFC Childers at seth.d.childers.mil.@army.mil or call (573) 563-7551.

Fiscal Year 2022 the CECL program reimbursed:

80 Soldiers for Project Management Professional certifications

20 Soldiers for Professional Engineering licenses

8 Soldiers for Fundamentals of Engineering licenses

15 Soldiers for Facility Management Professional certifications

4 Soldiers for LEED Green Associate certifications

3 Soldiers for Certified Construction Manager certifications

We are in the final stages of renewing two Academic Articulation Agreements (AAA) with Park University and the University of Charleston that offer degree pathways specifically for 12 Series.

TRADOC Proponent Office - Geospatial (TPO-Geo)

Army Geospatial Engineer Officer W-2 Skill Identifier



You are working in the S3 shop of a maneuver task force. The commander asks for your expertise in terrain analysis and geospatial support since they will be going on a field rotation in Europe. Thankfully you remember some courses from EBOLC or ECCC which prepared you to better support the maneuver commander as a geospatial engineering officer. The Army Geospatial Center has all the resources to succeed at: <https://www.agc.army.mil/Maps/>

Their website is the one stop shop for an Engineer Officer in need of geospatial support. First, it features a link to all the Geospatial Planning Cells (GPCs). The GPCs are Engineer detachments supporting each Combatant Command with all Geospatial data, imagery, charts and maps for their area on the globe. Secondly, this portal provides numerous CAC authenticated links to officers needing mapping support as well as other geospatial information at the click of a mouse. Links such as MAXAR Global Enhance GEOINT Delivery (G-EGD) and NGA Map of the World can provide real time mapping and imagery for any deploy location. In addition, you can find your respective installation map to support your training at home station.

This website is a good tool to keep in your pocket whenever you need to provide geospatial and terrain analysis support for your maneuver commander.

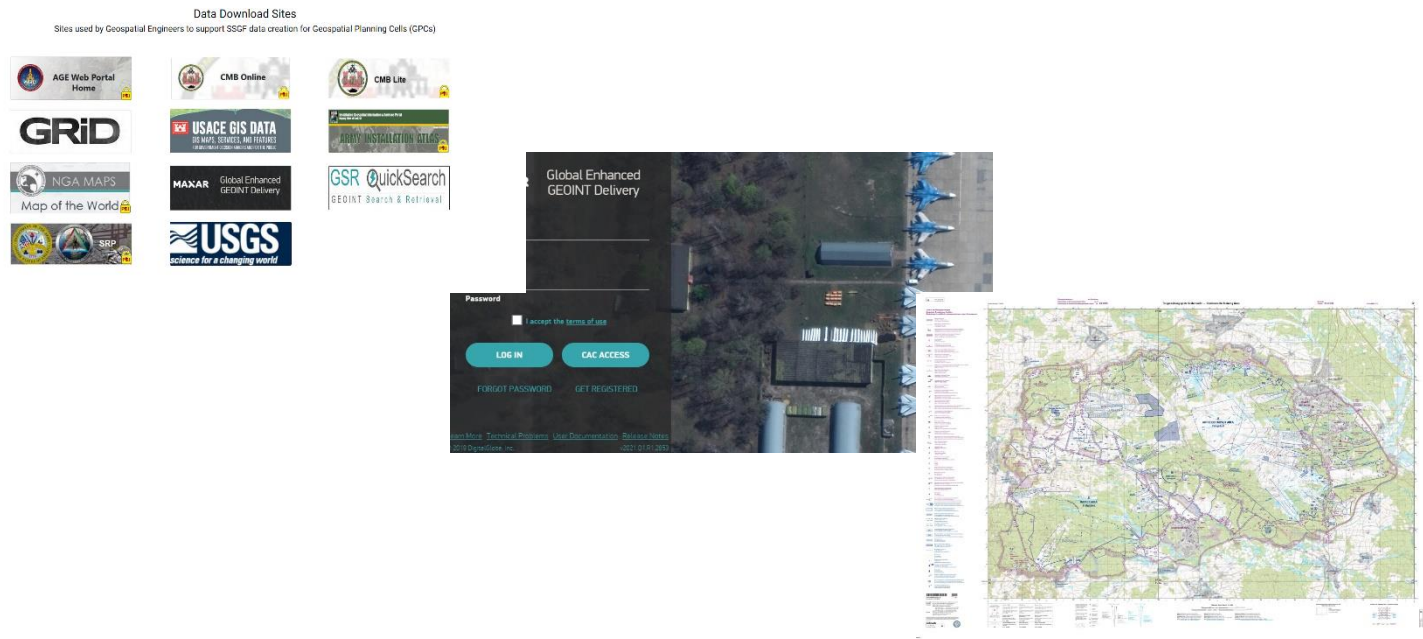
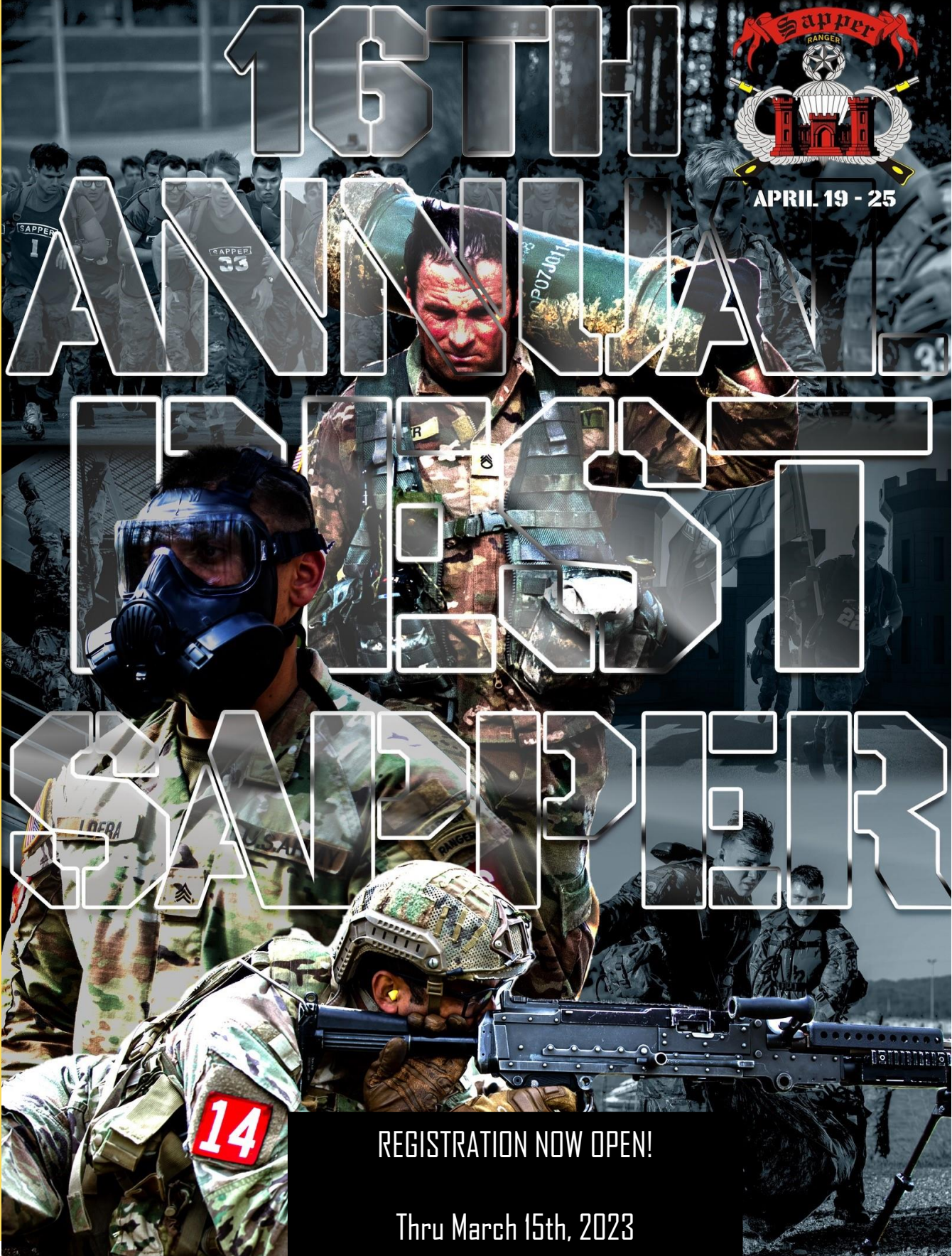


Figure 1. Some of the Sites the page offers, and what can you do with it.



APRIL 19 - 25



REGISTRATION NOW OPEN!

Thru March 15th, 2023



Stay connected with the Schoolhouse!



United States Army Engineer Regiment Facebook page



@usaenreg on Instagram



Engineer School Knowledge Network



USAES Home page



SAVE THE DATE

ENGINEER REGIMENTAL WEEK 2023
APRIL 20, 2023 – APRIL 30, 2023

- FFE work groups
- AEA vendor displays
- Castle Ball
- Senior Engineer Leaders Forum
- Engineer Total Army Planning Exercise
- Best Sapper Competition
- AEA Golf Competition

U.S. Army Prime Power School Recruitment Info

ENROLLMENT

PREREQUISITES

- Basic Math and Science Test (BMST): Minimum score of 70%
- ASVAB : 107 ST, 110 GT, and 107 EL
- Minimum OPAT scores: LI-0160 cm, PT-0450 cm, SD-0160 lbs, IR-0043 shuttles
- Be in the grade of *PFC, SPC, SPC(P), or SGT with 24 months of active duty service by class date
- Basic Leaders Course (BLC) (waivable)
- Secret clearance (Interim)
- Excellent visual acuity and color perception (the ability to distinguish between the colors of red and green). Color Vision Test results to be indicated on Block 66 of DD Form 2808-Report of Medical Examination.
- Be capable of performing jobs with a MODERATE physical demand rating
- Have a SECRET security clearance
- Have completed a minimum of 24 months of Active Duty Service by the beginning of the class.
- Have at least 30 months of Service Remaining Requirement (SRR) after the completion of ASI training.

PROCESS

Please read and note the Prerequisites and Application Procedures of the Prime Power Production Specialist Course Information. All applications must be submitted through your local chain-of-command channels. Your Career Counselor/Retention Personnel will submit your application directly to Human Resource Center (HRC) using RETAIN. If there are any difficulties concerning the application process, please call the U.S. Army Prime Power School at COM: (573) 556-0303 or DSN: 581-0303.



CALL THE U.S. ARMY PRIME POWER RETENTION/ RECRUITMENT NCO

(571) 286-7913

TO APPLY

See your Retention NCO
or Email:

usarmy.leonardwood.usace.mbx.usapps@mail.mil

For More Information

See your Retention NCO
or go to

<https://www.usace.army.mil/Prime-Power-School/%20Course-Information-and-Resources/>

Follow us on Facebook for current events!

www.facebook.com/249thEngineerBattalion



WE CLEAR THE WAY

Engineer Regimental Ball 2023



45th Chief of Engineers—LTG Joseph K. Bratton

Joseph Bratton was born on April 4, 1926, in St. Paul, Minnesota. He graduated third in the class of 1948 at the Military Academy and was commissioned in the Corps of Engineers. He served with an engineer battalion in Austria in 1949-52 and with the divisional 13th Engineer Combat Battalion in Korea in 1953-54, both before and after the armistice there. He later commanded the 24th Engineer Battalion, 4th Armored Division, in Germany (1964-65) and the 159th Engineer Group in Vietnam (1969-70). Bratton also held numerous staff assignments. He was a military assistant to Secretary of the Army Stanley Resor in 1967-69 and Secretary to the Joint Chiefs of Staff in 1970-72. Having received a master's degree in nuclear engineering from the Massachusetts Institute of Technology in 1959, Bratton served as Chief of Nuclear Activities, Supreme Headquarters, Allied Powers, Europe (SHAPE), in 1972-75 and Director of Military Applications at the U.S. Department of Energy in 1975-79.



His last assignments before becoming Chief of Engineers in October 1980 were as Division Engineer of the Corps' South Atlantic Division (1979-80) and then briefly as Deputy Chief of Engineers. His military awards included the Defense Distinguished Service Medal, the Army Distinguished Service Medal, the Legion of Merit with two Oak Leaf Clusters, and the Bronze Star Medal with Oak Leaf Cluster.



35th Engineer Brigade



COL Vance R. Holland



CSM Richard C. Parks

MISSION: 35th Engineer Brigade (EN BDE) plans, integrates, and directs the execution of general engineering, counter-mobility, survivability, mobility missions conducted by engineer battalions not organic to maneuver units and augments engineer units organic to Corps and Division. The Brigade provides technical and tactical guidance, command and control (C2) to teams, companies, and battalions.

VISION: Empower battalions and companies to field trained and ready units and Soldiers in response to state and federal missions. We will achieve this by managing all aspects of readiness while never losing sight of our main priority – training. Our training focus is execution at the squad and platoon level. We will accomplish this by first ensuring proficiency at the individual Soldier level, which will provide the foundations for squad/platoon success. Repetition in a lanes training environment, at all echelons, is key to ensure training success.

PRIORITY EFFORTS: The 35th EN BDE's FY23 priorities include preparing/deploying 4 units for overseas deployments and 1 CONUS mobilization. In addition, the Brigade has been sourced for a Command and Control CBRN Response Enterprise (C2CRE) rotation. Training is at a high priority to ensure readiness and retention is achieved across the Brigade. As referenced throughout this review, it is clear the Engineers were able to make significant strides in these efforts through rigorous training, troop projects and successful external evaluations.



35th Engineer Brigade

The 35th EN BDE (MOARNG), headquartered in Fort Leonard Wood, MO, is responsible for 2 battalions, 9 companies, and 1 Construction Management Team. These units are arrayed across the state of Missouri and stand ready to support the state and nation at home and abroad.

The lineage of the Brigade links back to the 138th Infantry Regiment in 1928 and its units can be traced back as far as 1861. However, the unit did not take the title of 35th EN BDE until the 1960s. After being stood up initially, the Brigade fell under the 35th Infantry Division. Now, the unit is one of the Missouri National Guard's largest stand alone Senior Commands.

The units belonging to the 35th EN BDE have served in numerous conflicts and support missions around the globe, including the Spanish-American War, the Mexican Border Conflict, WWI, WWII, Honduras Humanitarian Relief, Operation Alaskan Road, countless State Emergencies, and numerous times in support of OIF/OEF throughout multiple areas in the Middle-East. Currently, the Brigade has two units Mobilized and three more projected to deploy within the next year.

The brigade is operationally aligned with the 34th Infantry Division and is working to develop plans involving combined arms training with our operationally aligned downtrace units. 35th Engineers have also been assigned as TF OPS taking on the C2 portion of the CBRN Response Element (C2CRE-B), falling in under TF 46 (46th MP CMD).



1st PLT, 1138th EN Co, Preparing fighting positions and placing explosives for follow on operations. (AFRICAN LION)



2nd PLT, 1138th EN Co, conducting Bangalore Breaching operations (with explosives emplaced by 1st PLT)



35th Engineer Brigade



2nd PLT, 1138th EN Co, employing the second of two Mine Clearing Line Charges (MICLIC). The opportunity to use training rounds with the MICLIC is very rare, this unit was able to train with live rounds.

2022 gave way for the 35th Engineer Brigade to fully re-engage Soldiers with multiple realistic and relevant training opportunities, following the COVID pandemic. The 203rd Engineer Battalion Headquarters (EN BN HQ) returned from their Southwest Border deployment and hit the ground running, assisting companies as they planned Annual Training Events and prepared for upcoming mobilizations. The 1140th EN BN remained at home station during Training Year 21 and were able to assist their units in coordinating excellent training opportunities during Training Year 22.

Highlights from 2022 include the 1138th Engineer Company (EN Co) (SAPPER), of the 1140th EN BN, who participated in African Lion 22. African Lion 22 was a training exercise that provided the 1138th EN Co the opportunity to work alongside U.S. and partner forces with shoulder-to-shoulder training opportunities to achieve multi-national, long-term readiness, and interoperability objectives. The 1138th EN CO collaborated heavily with 2-162 IN BN (ORNG) as well as the 8th ESB (USMC), and Moroccan forces through the duration of the exercise. The 1140th EN BN executed Annual Training at Fort Chaffee Joint Maneuver Training Center (FCJMTC) in July 2022, executing a wet gap crossing across the Arkansas river. The operation involved both National Guard and Active-Duty components. Units assigned to the operation included 1140th EN BN HQ, 1140th EN BN Headquarters Company (HHC), 1140th EN BN Forward Support Company (FSC), 1142nd EN Co (SAPPER), 1438th EN Co (MRBC), 50th EN Co (MRBC), 94th EN Detachment (K9), and B 2/238 GSAB Illinois Army National Guard.

The 203rd EN BN sent the 335th EN PLT (Area Clearance) out of state for training at China Lake, CA. Naval Air Weapons Station (NAWS). China Lake provides and maintains land, facilities, and other assets that support the Navy's research, development, acquisition, testing and evaluation (RDAT&E) of cutting-edge weapons systems for the warfighter. This allowed the 335th EN PLT put their clearance mission to real world use by proofing specified areas.

Members of the 1138th EN Co pose in front of the MICLIC with the American Flag.





35th Engineer Brigade

The 1140th EN BN, also sent the 220th EN Co to Camp Dodge, IA. The 220th EN Co (ECC) executed Annual Training at Camp Dodge in June 2022, working through Troop Labor Projects to make improvements to Iowa's busiest training post. They collaborated with the Iowa Army National Guard's Construction and Facilities Management Office, as well as Iowa's 831st Engineer Co, to complete the projects.

294th EN Co (SPT) of the 203rd EN BN worked through an external evaluation during Annual Training 2022. They performed survivability and counter-mobility missions in preparation for the evaluation in accordance with the mission given to the Company. Maintenance operations were performed around the clock to ensure full mission capability. The company was evaluated on engineer construction operations, survivability operations, Troop Leading Procedures, and TOC Operations. This evaluation was in preparation for their upcoming mobilization in FY23.



3rd PLT, 1138th EN Co (attached to an infantry unit) conducted breaching operations to allow freedom of movement for ground troops.



B 2/238 GSAB sling loading IRB bays onto the Arkansas River in support of the 1140th EN BN Gap Crossing.



B 2/238 GSAB sling loading IRB bays onto the Arkansas River in support of the 1140th EN BN Gap Crossing. (FORT CHAFFEE)



35th Engineer Brigade

1135th EN Co (RC) of the 203rd EN BN also worked through an external evaluation during Annual Training 2022. Combat Engineers performed day and night missions in preparation for the evaluation, while horizontal construction engineers built a mock fob in defense of the mission given to the company.

the 276th EVCC of the 203rd EN BN put their skills and experience to great practical use during FY22. During their training period they not only added aesthetic appeal to the 35th EN BDE headquarters with a replica of the time-honored Engineer Castle, they also built a shelter half and replaced a broken culvert at Camp Crowder Training Site.



After over a year of coordination efforts 30 members from the Missouri Army National Guards 335th Engineering Platoon deployed to China Lake in June 2022 to conduct demining operations. (Excerpt from China Lake's CLR Range Connection Newsletter)



220th EN Co troop project; New build CBRNE Gas Chamber, Camp Dodge, IA



35th Engineer Brigade

In reflection, this has been a successful year for the 35th Engineer Brigade, and we look forward to leading the way in exceptional training during FY23.



2ND PLT and the third Engineer Castle constructed by the 276th EVCC, located at the 35th EN BDE Armory in Fort Leonard Wood



Road clearing and investigations



Night investigation



Night investigation



Mock FOB made by 12Ns



Night Mission with MEDEVAC



MEDEVAC casualty out of a husky



Night Route Recon and Clearance

1135th EN Co; Day and Night OPS



220th EN Co troop project; New build; Shelter for Iowa's Counterdrug Task Force and Iowa Law enforcement academy.



926th Engineer Brigade builds partner relationships through joint training opportunities

By Capt. Kevin Carpenter and Staff Sgt. Jarrod Bugbee
Photos by Capt. Amanda Duffy

Partner nation capability, capacity, and interoperability with USCENTCOM forces is among the highest of priorities in today's dynamic operational environment. The ability for US and partner forces to integrate and synchronize from the tactical to the strategic levels ensure enduring relationships and posture an integrated joint force capable of shoulder-to-shoulder mission execution. The 926 Engineer Brigade deployed to Kuwait in July of 2022 and made the development of a robust partnership a priority. Soldiers and subordinate units from the Brigade fostered regional synchronization of engineer forces through enduring partner nation programs with Kuwait, Jordan, Saudi Arabia and United Arab Emirates engineers. The goal was to develop lasting relationships and create meaningful exercises to establish in-depth understanding of each country's engineer forces and training methods and then tailor integration in support of each country's unique engineering structure. The successful outcome of the 926 Engineer Brigade's approach is an enduring relationship that extends beyond the deployment of Task Force Iron Castle and benefits incoming engineer forces and partner nations.



Soldiers from 926th Engineer Brigade, downtrace units and Kuwaiti Land Force Engineers work together on mission movement plan.



Working along side our Kuwaiti Engineer counterparts, Soldiers conduct breaching operations during Subject Matter Expert Exchange.

Soldiers from the 926 Engineer brigade Partner Nation Engagement Team specifically focused on expanding the US engineer involvement with host nation forces in the Kuwait Land Force (KLF) Engineers training academy. The partner nation team met frequently with Kuwait Land Force leadership to discuss yearly training plans and develop opportunities to integrate within their collective training and schoolhouse curriculum. Engagements developed their understanding of partner force operational readiness requirements and operations process. The team identified areas of opportunity to create partnered subject matter expert exchanges that mutually strengthen engineer capabilities and Soldier proficiency. Emphasizing the importance of personal relationships within the KLF greatly benefited the outcome of engagements and the overall expansion of US and KLF engineer involvement. The Partner Engagement Team's enthusiasm for attending social events and immersing themselves into local culture and customs with their KLF counterparts developed a connection not easily obtained through training alone. The 926 partnership team developed a relationship where both parties sought out opportunities to work together.

The planning and coordination of events ranging from leader engagements to mobility exercises were crucial to expanding the relationship between the 926 Engineer Brigade and the Kuwait Land Forces. Each partner nation brings with them a unique skillset, training priorities, force and equipment composition, and intended outcomes. It is common for intended outcomes to be vastly different, ranging from US engineers teaching the KLF US Army doctrine to 926 EN BDE forces augmenting training that is distinct to the host nation. Learning the variances in execution, duration, and end state proliferated interoperability. US and KLF forces met training objectives benefiting both organizations, regardless of the depth of involvement or which organization lead the event.



926th Engineer Brigade builds partner relationships through joint training opportunities

By Capt. Kevin Carpenter and Staff Sgt. Jarrod Bugbee
Photos by Capt. Amanda Duffy

Smaller partner engagements that lead into a culminating exercise are invaluable during all phases of combined arms events. Shared understanding and a proven interoperability baseline mitigate confusion and are the footing for successive events that challenge all organizations. The culminating event for the 926 Engineer Brigade and the KLF Engineers was the successful completion of a Combined Arms Live Fire Exercise (CALFEX) conducted in December 2022. CALFEX events rely heavily on the Combat Engineer forces ability to provide assured mobility to maneuver elements through mobility, counter mobility and survivability tasks. The integration, coordination, and planning of this CALFEX event occurred over two months and formed a unique event that hosted a depth of force integration that had not been previously achieved.



926th Engineer Brigade, 321st Route Clearance Company and members from Kuwaiti Land Forces pose for end of event picture

The CALFEX event in December 2022 included elements of Headquarters, 926 Engineer Brigade, 321st Engineer Company (Clearance), 363rd Ordnance Company (EOD), KLF Engineers, KLF Mechanized Infantry, and the Kuwait National Guard EOD. The first days of the exercise focused on exchanges of TTPs including tactical movements, communication, reconnaissance and actions on an objective. Leaders and soldiers conducted five days of exchanges to synchronize operations and roles in preparation for the culminating event. Officers of the KLF elements concluded phase one with a CALFEX mission brief and rehearsal for the obstacle breach. The final phase of this exercise executed a combined arms breach. KLF and 926 EN BDE maneuver support elements successfully reconnoitered, engaged, and destroyed obstacles allowing the KLF Mechanized Infantry to continue offensive operations in the scenario. The CALFEX event brought engineer forces together as a combined force and set an example of partnered success.

The 926 EN BDE partnership team continues to support CENTCOM lines of effort with US and partner nations benefitting from meaningful partnership programs in support of a foundational understanding of each country's composition, priorities, and willingness to work together. The customized approach to relationships used successive events, established common goals, and built trust and enthusiasm between partner nations. The 926 Engineer Brigade partnership team created enduring programs that future engineer commands can continue to invest in, expand, and succeed regardless of unit transitions. US engineers and their partner nation forces continue to represent the positive impact of joint training and the importance of advancing US and regional force integration. USCENTCOM continues to be a dynamic environment comprised of unique relationships and capabilities. Creating partnership teams and programs focused on understanding the environment and partner nation's capabilities will continue to support theater priorities and ensure US and partner forces can synchronize operations in years to come.



926th Engineer Brigade and downtrace units move along side Kuwaiti Land Forces during culminating event.



117th Engineer Brigade Engineer Competition

By 1LT James F. Bakker

From 12 August 2022 to 14 August 2022, eight squads from the companies in the 178th Engineer Battalion and the 122nd Engineer Battalion competed in the annual South Carolina Army National Guard Best Engineer Squad Competition hosted by the 117th Engineer Brigade. The squads competed in a round robin of nine lanes spread out over three days with each squad being supported by a medic.

The competition began with a gear layout and a six-mile ruck, followed by the lanes. The lanes included a bridge reconnaissance, an area ambush lane with a MEDEVAC request, a CBRN lane, a road reconnaissance lane, a SINGGARS lane, weapons disassembly and assembly lane, a written test based on the history of the US Army Engineer Regiment and 117th Engineer Brigade, a SWEAT analysis lane, and a Zodiac lane. The ruck and first five lanes were hosted at McCrady National Guard Training Center located in Eastover, SC and were supported by the 178th Engineer Battalion.

The remaining lanes were hosted at Clarks Hill Training Site located in Plum Branch, SC and were supported by the 122nd Engineer Battalion. Travel between the two sites was by Chinook and provided by Company B of the 238th Aviation Regiment. After three days of competition, only 37 points separated first place from third place. The winner of the event was the 1221st Engineer Route Clearance Company from Graniteville, SC (1094 points), second place went to the 122nd Engineer Sapper Company from Fort Mill, SC (1077 points), and third place went to the 174th Engineer Mobile Augmentation Company from Wellford, SC (1057 points).

Following the end of the Engineer Competition, all the competitors traveled to Columbia, SC for the AEA Castle Rally where the 1221st was awarded the trophy for winning the event and SPC Ashley Roberts with the 1221st won Best Medic.



Soldiers from 125th EN CO (MRBC) compete on the zodiac lane at Clarks Hills Training Site



COL Berry (117th EN BDE CDR) and BG Pippy (Deputy Chief of Engineers for National Guard Affairs at the U.S. Army Corps of Engineer Headquarters in Washington D.C) talks with the SWEAT Lane OIC 1LT Victor Montilla the 124th EN CO XO



117th Engineer Brigade

Companies From the 178th Engineer Battalion Build Schoolhouse in Guatemala

By 1LT James F. Bakker

In July 2022, the 1223rd Engineer Company located in Walterboro, SC and the 679th Engineer Detachment located in Chester, SC traveled to Guatemala to build the Paxcaman Schoolhouse in Flores for Resolute Sentinel '22. The mission was to build a 2,300 SF concrete masonry block building that included hoisting 6 steel roof trusses into place. The 1223rd EN CO traveled to Guatemala in two rotations starting on 26 June 2022 and returned to South Carolina on 23 July 2022.

The 1223rd was tasked with installing the roof trusses, metal roofing and gutters, running the electrical conduit, priming the interior and exterior, installing the windows and doors, installing the landscaping, and conducting the punch list. The 679th Engineer Detachment left South Carolina on 23 July 2022 and returned to South Carolina on 05 August 2022, and was tasked with completing the remaining electrical work, finishing the painting, and plumbing, and conducting the final punch list and handover to the school officials in Flores. Due to the hard work of the 679th Engineer Detachment and the 1223rd Engineer Company, the project was completed ahead of schedule and under budget.

Through this training, the Soldiers from both units were able to apply their construction skills to helping a community and providing the children of Flores with a brand-new school. For some Soldiers, the mission was their first time leaving the United States and it provided them with a memorable experience. This mission also enabled the units to acquire valuable training in moving equipment and Soldiers overseas and then back to home station. The mission was a huge success and will have a lasting effect on the residents of Flores.



COL Berry (117th EN BDE CDR) & CSM Heggie (117th EN BDE CSM) take a picture with Soldiers for the 1223rd EN CO at the Paxcaman Schoolhouse in Flores, Guatemala.



Paxcaman Schoolhouse in Flores, Guatemala



249th Engineer Battalion



Officers from the 249th Engineer Battalion conducted a Leader Professional Development Visit with the Office of the Chief of Engineers on 8 February as part of the Battalion's Quarterly Training Week.



MVD Emerging Leaders

VICKSBURG, Miss. -- The U.S. Army Corps of Engineers (USACE), Mississippi Valley Division (MVD) Emerging Leaders (EL) participated in Georgetown University's Government Affairs Institute (GAI) held in Washington D.C. at the Rayburn House Office Building, Jan. 30 – Feb. 2.

The two-year EL Program strives to professionally develop USACE employees through a variety of experiences that challenges participants through training, mentoring, developmental assignments, senior leader shadowing while developing ELs' regional perspectives and growing effective leadership traits.

Nineteen ELs from St. Paul (MVP), Rock Island (MVR), St. Louis (MVS), Memphis (MVM), Vicksburg (MVK), and New Orleans (MVN) districts participated in the weeklong GAI "Washington Week".

Participants included:

- MVP - Jeff McCullick, Theresa Gant-Gaines
- MVR - Leah Deeds, Rachel Hawes, Jonathan Wuebker
- MVS - Pedro Rosario, Jeremy Eck, Brandon Schneider
- MVM - Ben Tatum, Joshua Neisen, Ricco Chalmers, Jordan Bledsoe
- MVK - Jack Hinton, Cheryl Boyd
- MVN - Amy Dixon, Suzanne Grim, Karen Hargrave, Robert Lewis, Joshua Abadie

Mr. Worth H. Hester, Jr., Assistant Director and Senior Fellow of GAI, led the course with the end goal of providing ELs congressional education. Some of the topics included: key stages in the legislative process, congressional appropriation process, the role of the Government Accountability Office, and Congress and media. These topics were supplemented by former Congress representatives and journalists.

On January 31, the ELs witnessed current actions at the House or Senate floors and toured the Capitol Building. The following morning, ELs attended multiple in-person House or Senate Congressional Committee Hearings such as "The State of Transportation Infrastructure and Supply Chain Challenges" from the Transportation and Infrastructure Committee.

USACE Memphis District Chief of Real Estate and EL Joshua Neisen stated, "GAI week has been one of the greatest experiences of my entire career. It gives me much more of an appreciation of the work that goes into getting a project not only authorized, but fully funded."

Both attending the hearings and witnessing Congressional and Senate floor activities expanded the ELs' knowledge legislative procedures and processes.



MVD ELs in front of the Statue of Freedom's plaster model in the Capitol Visit Center



Award-winning journalist Alexis Simendinger with The Hill



Jordan Bledsoe (Left), Congressman Trent Kelly of Mississippi-District 1 (Center), Joshua Neisen (Right)



MVD Emerging Leaders

USACE Vicksburg District Structures Section Chief and EL Jackson Hinton also had a positive experience at Washington Week, *“GAI’s Congressional Briefing for USACE provided the opportunity to get an in-depth look at Congress, the legislative process, and how it correlates with USACE. The course offered unique perspectives from the variety of speakers that have a vast array of personnel and professional experience, backgrounds, and career fields with Capitol Hill. The opportunity to attend this briefing allows the Emerging Leaders to expound on their legislative knowledge and understanding, then use this to aide in the execution of the USACE and MVD missions.”*

On February 3, the final day in D.C., Ms. Teresa S. Flahive, Management Analyst for the Chief of Engineers, gave a tour of the Pentagon to the ELs which started at the Hall of Heroes- a room dedicated for people to honor the brave service members who have received the Medal of Honor. Ms. Flahive also provided an overview of the work environment pre- and post-9/11 as well as showing the ELs the miles of hallways covered with U.S. history.

In addition, ELs heard from a variety of speakers at The Pentagon including Principal Deputy Assistant Secretary of the Army (ASA) for Civil Works Mr. Jamie Pinkham, Office of the Chief Engineers Deputy Director Mr. Jim Shumway, and Principal Deputy (ASA) for Installations, Energy and Environment Mr. Paul Farnan.

One of the highlights was an unplanned visit from the Command Sergeant Major of the Army Michael A. Grinston. USACE Rock Island District Assistant Operations Manager, Coralville Lake Reservoir Jonathan Wuebker stated that, *“The opportunity to visit The Pentagon and our ARMY executive staffing to learn the process in this office was extremely valuable!”*

Washington Week is one of the most anticipated events for the ELs during their two-year program. Participants greatly expand their understanding of the legislative processes in our country and how these processes effect budgets, funding, and programming for USACE. Additionally, ELs expanded on their networking and communication skills during GAI.



Capitol Building Tour provided by Congressman Trent Kelly's staff



ELs at U.S. Army Chief of Staff General James C. McConville’s office



Principal Deputy ASA(CW) Mr. Jamie Pinkham discussed focus areas with ELs



MVD ELs with Command Sergeant Major of the Army Michael A. Grinston



225th Engineer Brigade

The month of January brought multiple leadership changes within the Louisiana National Guard's 225th Engineer Brigade (Castle Brigade). In addition to welcoming a new brigade commander, the 205th Engineer Battalion and 527th Engineer Battalion welcomed new commanders as well.

LTC Jackie Manton relinquished command of the 205th to MAJ Demetrius Treadway during an official change of command ceremony at the battalion headquarters in Bogalusa, LA, on January 7, 2023.

LTC Manton expressed his gratitude for the opportunity to serve as the 205th commander for the last three years.

"This organization is truly a close-knit family of units and professional Soldiers. I am proud and very privileged to have held the call-sign 'Hammer 6'," said LTC Manton. "From all-hazards hurricane support with Hurricanes Laura, Delta, Zeta and Ida, winter weather support to COVID support, the Soldiers of the 205th have successfully taken on all assigned missions and continue to maintain high levels of readiness in anticipation of future missions. It has been an amazing run."

On January 8, 2023, LTC Joshua Culp relinquished command of the 527th Engineer Battalion, headquartered in Ruston, LA, and COL Greg St. Romain relinquished his command of the Castle Brigade, headquartered in Pineville, LA.

LTC Culp relinquished command to LTC Brian Plunk during an official change of command ceremony at Pineville High School in Pineville, LA. He expressed his gratitude to the Soldiers of the 527th for "...allowing the National Guard to be one of the greatest experiences of their life. .



MG Keith Waddell, the Adjutant General of the Louisiana National Guard, presents COL Greg St. Romain with the Meritorious Service Medal for his service as commander of the 225th Engineer Brigade during an official change of command ceremony at Pineville High School in Pineville, LA, January 8, 2023.



MG Keith Waddell, the Adjutant General of the Louisiana National Guard, passes the brigade colors to Col. Scott Slaven, during an official change of command ceremony at Pineville High School in Pineville, LA, January 8, 2023.



225th Engineer Brigade

Soldiers of the 527th Engineer Battalion supported both the Governor of Louisiana and the President of the United States in an exceptional manner from 2020 to 2023.”

In a time-honored tradition, COL St. Romain passed the 225th Engineer Brigade colors to MG Keith Waddell, the Adjutant General of the Louisiana National Guard, relinquishing his command. MG Waddell then passed the 225th Engineer Brigade colors to COL Scott Slaven signifying the start of his command during an official change of command ceremony at Pineville High School in Pineville, LA.

“I am coming out of command when the 225th Engineer Brigade is postured for success and operating at an elite level,” said COL St. Romain. “Placing people first has been my message since taking command, and because of that, the engineer brigade remains operationally ready to respond to any mission, anywhere.”

As the Castle Brigade adjusts to the new leadership changes, the brigade remains a ready force, emphasizing MG Waddell’s strategic goals for the Louisiana National Guard: readiness, deploy and redeploy, all-hazard response, and legal, ethical, and moral service. The Castle Brigade is ready to protect and serve the citizens of Louisiana in any capacity and Finish Strong!



LTC Brian Plunk (incoming commander for 527th EN BN) and LTC Joshua Culp (outgoing commander for the 527th EN BN) present arms during the 527th Engineer Battalion Change of Command Ceremony on 8 January 2023.



MG Keith Waddell, TAG of the Louisiana Army National Guard, presents LTC Joshua Culp (outgoing 527th EN BN Commander) with a MSM for his service as commander of the 527th Engineer Battalion.



MG Keith Waddell, TAG of the Louisiana Army National Guard, passes MAJ Demetrius Treadway (incoming 205th EN BN Commander) the 205th EN BN colors during the change of command ceremony.



MG Keith Waddell, TAG of the Louisiana Army National Guard, presents LTC Jackie Manton (outgoing 205th EN BN Commander) with a MSM for his service as commander of the 205th Engineer Battalion.



Joint Assault Bridge and Heavy Assault Scissoring Bridge Military Load Class 115 Lubrication Replacement

The M1110 Joint Assault Bridge (JAB) system (NSN: 5420-01-545-7365, LIN: C05137) is a fully-tracked, armored assault vehicle capable-of-spanning wet or dry gap obstacles up to 60ft (18.3m) while supporting crossings up to a Military Load Class (MLC)-115. Comprised of three major components, M1A1 Abrams chassis (with M1A2 heavy suspension and Total Integrated Engine Revitalization (TIGER) engine), hydraulic Bridge Launcher Mechanism (BLM), and MLC-115 Heavy Assault Scissoring Bridge (HASB) (NSN: 5420-01-390-3933, LIN: B31098), the JAB replaces the M48A5/M60A1/2 Armored Vehicle Launched Bridge (AVLB) (LIN: L43664) and the M104 Wolverine (LIN: H82510) providing rapid gap crossing capability.

Developed requiring the use of three different lubricants, the JAB system introduced the potential for the user to inadvertently use the wrong lubricant contaminating the system. A third-party laboratory conducted an analysis to determine the ability to reduce the quantity of lubricants. Due to the complexity of the JAB system, it is impossible to maintain one common lubricant for the entire system. Implementing the following changes reduces the number of lubricants from three to two.

As a result, the JAB is authorized to use grease as follows reducing the Army's CLIII requirement:

- JAB Chassis (M1A1 Abrams): Continue to use WTR MIL-PRF-81322 (NSN: 9150-01-262-3358). Replace Grease Automotive and Artillery (GAA) MIL PRF 10924 with grease MIL-G-21164 (NSN: 9150-00-935-4018, 9150-00-754-2595, 9150-00-223-4004, or 9150-00-965-2003)
- BLM: Replace Molykote G-4700 and GAA MIL PRF 10924 with grease MIL-G-21164 (NSN: 9150-00-935-4018, 9150-00-754-2595, 9150-00-223-4004, or 9150-00-965-2003)
- HASB: Replace GAA MIL PRF 10924 with grease MIL-G-21164 (NSN: 9150-00-935-4018, 9150-00-754-2595, 9150-00-223-4004, or 9150-00-965-2003)

For official guidance refer to the following two messages:

- Maintenance Information (MI) Message, TACOM Control No. MI 22-030, (Informational), M1110, Joint Assault Bridge (JAB), 5420-01-545-7365, Lubrication Replacement
- Maintenance Information (MI) Message, TACOM, Control No. MI 22-031, (Informational), Heavy Assault Scissor Bridge (HASB) Military Load Class (MLC) 115, NSN: 5420-01-390-3933, Lubrication Replacement



USACE HQ Safety Bulletin

Attention: A Ground Safety Action (GSA) Message (CECOM GSA 2023-002), Is Being Issued for all your users of the AN/VSS-6A and AN/VSS-6B Husky Mounted Detection System with a Date Time Group (DTG): 14 1850Z FEB 23. Copies of this message and all other CECOM Safety Messages, can be located at:

https://cecom.aep.army.mil/gstaff/ds_user/ssetools/Lists/Safety%20Messages/Flat%20View.aspx.





THE ARMY ENGINEER ASSOCIATION

PO BOX 30260
Alexandria, VA 22310-8260
(703) 428-6049 — www.armyengineer.com

The Army Engineer Association will host the 2023 AEA Industry Vendor Exhibit at Fort Leonard Wood, Missouri 25 April 2023 – 27 April 2023. This year, Engineer Regimental Week will be a governance event allowing Engineer Leaders from the entire Regiment the opportunity to attend if they so desire without restrictions. There are also opportunities for sponsorship to enhance the quality of this event and the Best Sapper Competition. The Army Engineer Association is recognized by the Internal Revenue Service as a 501 C (3) Non-profit organization and your sponsorship maybe tax deductible.

Please contact for further information the Exhibition and Best Sapper Competition.

John H. Rather CSM (RET)
573-329-6678
flw@armyengineer.com

Regimental Engagement



Issue #120—Q2 FY23

Regimental Governance FY23 Master Calendar

October 22	November 22	December 22	January 23	February 23	March 23
<ul style="list-style-type: none"> ☐ (10-12) AUSA Symposium ☐ (10) Columbus Day ☐ (13) Regt Synch ☐ (26) Regt RC Forum ☐ (31-4) JEOC 	<ul style="list-style-type: none"> ☐ (31 Oct -6) EGM ☐ (9) PAC CoC ☐ (11) Veterans Day ☐ (17) Regt CoC ☐ (24) Thanksgiving ☐ (29) EUR-AF CoC ☐ (30) End Hurricane Season 	<ul style="list-style-type: none"> ☐ (9) CTMFM ☐ (TBD w/i 5-9) Regt GOSC ☐ (26) Christmas Observed 	<ul style="list-style-type: none"> ☐ (2) New Years Observed ☐ (5) CTMFM ☐ (12) Regt Synch ☐ (16) MLK Day 	<ul style="list-style-type: none"> ☐ (1) Regt RC Forum ☐ (6-12) EGM ☐ (6-10) JEOC ☐ (14) Regt CoC ☐ (20) Presidents Day ☐ (TBD) PAC CoC <div style="border: 1px solid black; background-color: #800000; color: white; padding: 5px; text-align: center; width: fit-content; margin: 10px auto;"> (19-25 Feb) NCR-National EN Week </div>	<ul style="list-style-type: none"> ☐ (TBD) Regt GOSC ☐ (7) RLLF ☐ (16) EUR-AF CoC ☐ (27-31) JEOC ☐ (27-2 Apr) SAME Capital Week ☐ (29) Leaders Emeritus
April 23	May 23	June 23	July 23	August 23	September 23
<ul style="list-style-type: none"> ☐ (4) Regt Synch ☐ (TBD) EUR-AF CoC ☐ (24-28) Regimental Week <ul style="list-style-type: none"> ▪ (20-24) Best Sapper ▪ (25-26) AEA Vendor Display ▪ (26-27) SELF ▪ (28) ECC ▪ (28) AR-ERC ▪ (28) EN Regimental Ball ▪ (29-30) ENTAPE 	<ul style="list-style-type: none"> ☐ (3-5) SAME JETC ☐ (5) CTMFM ☐ (8-14) EGM ☐ (9) PAC CoC ☐ (15-19) JEOC ☐ (16) Regt CoC ☐ (24) Regt RC Forum ☐ (29) Memorial Day 	<ul style="list-style-type: none"> ☐ (1) Start Hurricane Season ☐ (5-9) JEOC ☐ (TBD w/i 5-9) Regt GOSC ☐ (14) Army B-Day ☐ (19) Juneteenth 	<ul style="list-style-type: none"> ☐ (4) Independence Day ☐ (11) Regt Synch ☐ (18) EUR-AF CoC ☐ (31-4) JEOC 	<ul style="list-style-type: none"> ☐ (7-12) Castle Week ☐ (7-13) EGM ☐ (8) PAC CoC ☐ (15) Regt CoC ☐ (30) Regt RC Forum ☐ (xx) AR-ERC 	<ul style="list-style-type: none"> ☐ (4) Labor Day ☐ (8) CTMFM ☐ (TBD w/i 5-8) RLLF ☐ (18-22) JEOC ☐ (TBD w/i 11-15) Regt GOSC

Legend

AEA- Army Engineer Association
 AR-ERC: Army Reserve-Engineer Regimental Council
 AUSA: Association of the United States Army
 CoC: Council of Colonels
 CTMFM: Combined Talent Management Forum
 ECC: Engineer Command Council
 EGM: USACE Executive Governance Meeting
 ENTAPE: Engineer Total Army Planning Exercise
 EUR-AF: Europe-Africa

GOSC: General Officer Steering Committee
 JEOC: Joint Engineer Operations Course
 JETC: Joint Engineer Training Conference
 PAC: Pacific
 RC: Reserve Component
 Regt: Regimental
 RLLF: Regimental Lessons Learned Forum
 SAME: Society of American Military Engineers
 SELF: Senior Engineer Leader Forum

Exercises	SL Engagement
Regimental	Holidays

As of: 5 Jan 23. POC: Mr. Carl Gitchell (703) 693-4401

This governance structure:

- 1) Establishes the structure for our engineer senior leaders to receive updates on the critical engineer issues,
- 2) Provides a venue for senior leaders to issue guidance and priorities
- 3) Enables the Regiment to better tie into the existing HQDA forums to ensure our engineer equities are properly represented.

The OCE points of contact for the Regimental Governance master calendar is Mr. Carl Gitchell at carl.l.gitchell.civ@army.mil.



Deployment Opportunities

Chief of Engineer Plans, Soto Cano, Honduras

Immediate fill Deployment opportunity as the Chief of Engineer plans to JTFB in Soto Cano, Honduras

365 day mobilization with a CRC report date of July 2023

Duty Description:

Chief Project Officer, Directorate of Engineering, for Joint Task Force-Bravo. JTF-B controls US military exercises, Humanitarian and Civic Assistance (HCA) missions, disaster relief, and contingency operations in the Joint Operations Area (JOA). Project Officer provides technical assistance, site feasibility analysis, construction supervision, quality assurance and environmental compliance inspections in support of Chairman, Joint Chiefs of Staff (CJCS) directed engineer exercises and overseas deployments for active and reserve forces in Guatemala, El Salvador, Belize, Honduras, Nicaragua, Costa Rica, and Panama. Provides engineer input for JTF-Bravo plans and operations orders in support of CJCS exercises and USSOUTHCOM contingencies. Assists in developing annual projects in conjunction with US Embassies, USMILGROUPs, and foreign governments in the JOA.

If interested please submit your application on MOBCOP TOD position 313409 or to DLL-HQ-G-1-RC@usace.army.mil



Army Engineer Regimental Directories

BLUF: OCE developed two Regimental Directories to improve Engineer unit and leader engagement across the Total Force. Both will be updated annually.

Hyperlink: <https://www.milsuite.mil/book/groups/office-of-the-chief-of-engineers-pentagon/overview>

Army Engineer Leader Directory

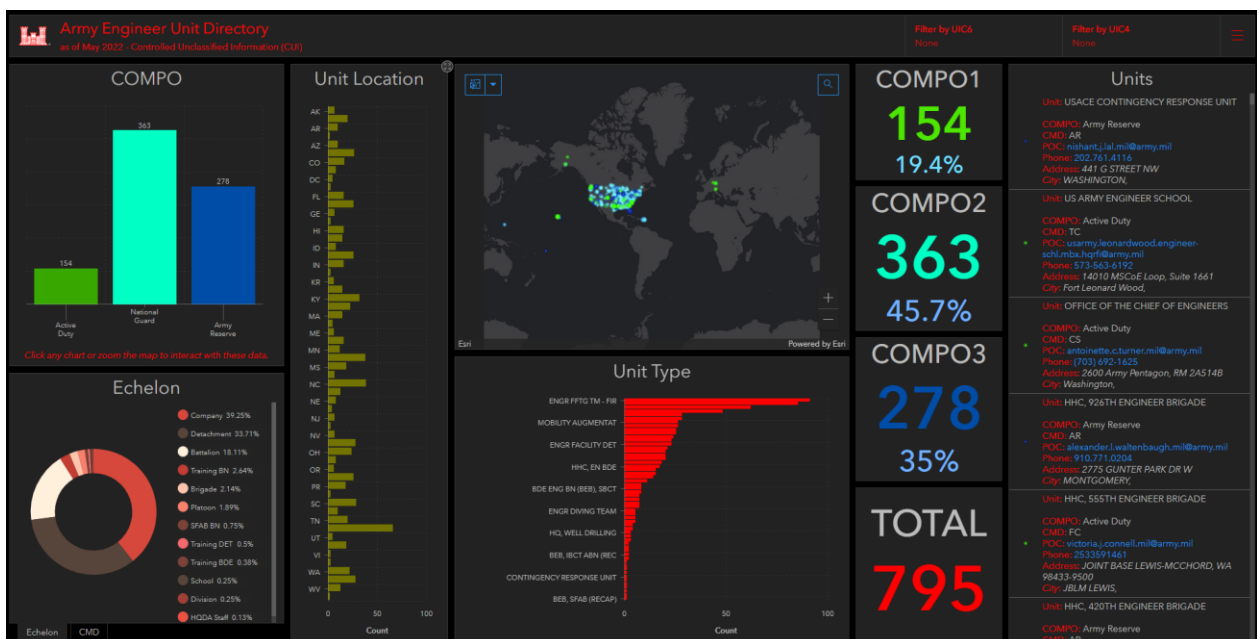
- Multi-Component (AD, NG & AR)
- All 39,000 12-series Soldiers, E5 & above
- Search/Filter by:
 - Name, Rank & MOS
 - Component
 - Duty Status (Active, AGR, Reserve)
 - Position Title
 - Military Email Address
 - UIC & Unit Name
 - Unit Street Address, City & State

Army Engineer Unit Directory

- Multi-Component (AD, NG & AR)
- All 800 MTOE & TDA Engineer Units
- Search/Filter by:
 - Component, SRC & Echelon
 - UIC, Unit Name & Type
 - Unit Street Address, City & State
 - POC Work Phone & Email
- CAC-enabled Geospatial App ([Hyperlink](#))

POC

LTC Adam Aurelia
 OCE Reserve & Talent Management Integrator
adam.m.aurelia.mil@army.mil





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Solicitation for Content



The Office of the Chief of Engineers will publish the Engineer Blast quarterly.

The next Engineer Blast will publish NLT the end of May.

In the interim, we welcome feedback and content contributions for our publication.

Our content guidelines are as follows:

- ◆ Articles should be concise, straightforward, and in the active voice.
- ◆ Text length should not exceed 1,000 words - O/A four double-spaced pages.
- ◆ For ease of editing, please submit contributions as a Microsoft Word document.
- ◆ Please do not include illustrations or photos in the text; instead, send each of them as a separate file.

Please contact the following leaders for follow-up:

- ◆ MAJ Matthew Lynch at matthew.g.lynch.mil@army.mil
- ◆ LTC Adam Aurelia at adam.m.aurelia.mil@army.mil
- ◆ Mr. Jim Shumway at james.d.shumway3.civ@army.mil