



The Ordnance Corps Quarterly

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Chief's Corner

Greetings from the Home of Ordnance – Fort Lee, Virginia! As most of you know, on May 14 we celebrated the **204th Birthday** of the Ordnance Corps. While our branch was founded by Congress in 1812, we can trace our profession even further

back to the year 1629, when Samuel Sharp - a gunsmith, wheelwright, and metalworker - served as the first Master Gunner of Ordnance in the new American colonies. We share a long and rich history, and that is cause for celebration! Whether you celebrated with us here at Fort Lee, or in your formations around the world, there is one thing that connects us across the miles: the pride we share in our history and our heritage.

I was honored to induct our newest **class of 2016 Hall of Fame Members** in a special ceremony on May 11; we welcomed 13 remarkable Ordnance professionals who have done so much to advance our defense and our Corps through the decades. Additionally, our Hall of

Fame board selected **16 new members** for induction in May 2017. Please help me applaud them.

During the **Hall of Fame Retreat**, we welcomed new mentors as we conducted a change of responsibility between two of our three honorary regimental positions. LTG(R) Richard Hack, 5th Honorary Colonel of the Regiment, transferred the regimental colors to LTG(R) Mitch Stevenson. CW5(R) Joe Wurm, our 2nd Honorary Warrant Officer of the Regiment, passed on the responsibilities he so faithfully performed to CW5(R) Harold DeBerry. All four have served in the highest positions of our regiment and our Army. I am humbled by the passion these leaders have for continued service to our Ordnance Corps and its Soldiers.

By the time we publish this newsletter, I will have relinquished my responsibilities as the 39th Chief of Ordnance and Commandant of the One Army Ordnance School System. There is no work during my 29 years of service that has been more satisfying, or that I am more proud of, than to have served as your Chief.

As I described upon my arrival last July, our

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Hall of Fame Class of 2016

These outstanding individuals were official inducted into the Ordnance Hall of Fame and recognized at a Retreat Ceremony on May 11. The ceremonies were hosted by Brig. Gen. Kurt J. Ryan, the 39th Chief of Ordnance, at Fort Lee, Virginia. Inductees left to right are: CW5(R) Jim Thompson, CW5(R) Robert Fairhurst, CSM(R) Otis Cuffee, CW4(R) Kenneth B. Hill (accepting on behalf of CW4(R) Raymond L. McDaniel), LTG(R) Patricia McQuiston, MG(R) Lynn Collyar, COL(R) Redding Hobby, COL(R) Kevin Smith, CSM(R) Larry Taylor, CW5(R) John Picott, Mr. Carmine Spinelli.
Not shown: SGM William Napier, CW4(R) Raymond McDaniel, and Dr. Benjamin Bederson.



Left: Retired Lt. Gen. Richard Hack prepares to transfer responsibility as the Honorary Colonel of the Regiment to retired Lt. Gen. Mitchell Stevenson. Center: Brig. Gen. Kurt Ryan, 39th Chief of Ordnance, passes the colors to retired Lt. Gen. Mitchell Stevenson, Honorary Colonel of the Regiment. Right: Brig. Gen. Ryan passes the Charter to retired CW5 Harold DeBerry, Warrant Officer of the Regiment.

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Ordnance mission is clear: provide munitions, maintenance, explosives safety and Explosive Ordnance Disposal capability to generate and maintain combat power - so if deterrence fails, our Army, as the pre-eminent land combat force, will always be ready to fight and win our Nation's wars. This is who we are - and it's what we do. Ordnance professionals do it with excellence each and every day. Around the world, Ordnance professionals are flat *getting after* re-building our 'fight tonight' readiness.

When my wife, Jennifer, and I began this journey less than a year ago, we were excited about the opportunity to give back to the Army we love so much. Our goal was simple: finish our Army journey on a professional and personal high note. We said to each other, "If this is the last thing the Army allows us to do, we will **go hard**, we will '**Go Ordnance**' and then we will **go home**, satisfied we had done our duty."

I pray that as Jennifer and I continue our Army journey, in a new capacity, you and those you lead will continue to find ways to go hard and *always* Go Ordnance. I could not be more proud of our Ordnance Soldiers and civilian workforce, and the great work you do selflessly each and every day. **GO ORDNANCE!**

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Kurt Ryan
Brigadier General, U.S. Army



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Regimental Command Sergeant Major Highlights



Greetings from the home of the Ordnance Corps!

It was a busy spring as we celebrated the Ordnance Corps' 204th anniversary and bid farewell to Brig. Gen. Kurt Ryan and his amazing family. Brig. Gen. Ryan contributed significantly to the Ordnance Corps, and I wish him the best of luck as he

assumes command of Military Surface Deployment and Distribution Command (SDDC).

The most rewarding part of serving as your Regimental Command Sergeant Major, is traveling to various installations and engaging with Ordnance professionals around the world. I am extremely proud of the great work being done to ensure that Ordnance Soldiers and NCOs remain technically and tactically proficient. To that end, we are currently updating and expanding Ordnance Advanced Leader Courses to reflect critical technical tasks for both active and reserve component courses. Another key initiative is the implementation of the **Unit Diagnostic Immersion Program (UDIP)**, an immersive train-the-trainer program focused on diagnostics, repair and verification on specific platforms (Abrams, Bradley, Paladin and Stryker). Read more about the UDIP program in this this [March 2016 newsletter article](#) by CW5 Alex Taylor.



I encourage you all to stay connected with the Ordnance Corps through social media and by visiting our [Ordnance Corps website](#) and [Army Career Tracker](#). Both contain valuable resources and information pertaining to NCO career development and educational/training opportunities such as the **Training with Industry Program**. I am pleased to report that six NCOs were recently selected to participate in this incredible program. These NCOs will have the opportunity to learn and develop alongside industry experts, and bring some of their best practices and techniques back to the Army. Please contact your career manager in the [Ordnance School's Personnel Development Office](#) or review the [TWI website](#) for more information about this program.

Finally, I would like to congratulate all of the 2016 Hall of Fame inductees. I am so proud that three of Ordnance's finest NCOs were inducted this year: CSM(R) Otis Cuffee, CSM(R) Larry Taylor and SGM(R) William Napier. I encourage you to read more about these great Americans by visiting our [Ordnance Hall of Fame webpage](#).

I am extremely proud of the accomplishments and performance of our Ordnance Soldiers and specifically our Noncommissioned Officers who are truly the backbone of our Army. Thank you for your continued service to the Ordnance Corps. **Go Ordnance!**

CSM Edward C. Morris
12thRegimental Command Sergeant Major



Regimental Cmd. Sgt. Maj. Edward Morris (front, center) and Ordnance Personnel Development Office team members pause for a photo with 1st Armor Division Soldiers during a recent visit to Fort Bliss, Texas.



Regimental Chief Warrant Officer Highlights



Hello and good wishes, Team Ordnance!

Ordnance Warrant Officers continue to play an important role in the U.S. Army as we prepare for the current and future fight. There is no doubt that readiness is our business - both equipment and personnel. As always, you are facing the challenge head on as you lead your sections, shops,

teams, and personnel. I applaud each of you for accepting your role as the Army's premier land force technical experts and for the aggressive, innovative efforts associated with achieving capability overmatch. There is absolutely no question that the Army is a better place when Ordnance Warrant Officers apply expertise across the Ordnance Corps competencies.

It has been a busy three months since our last newsletter. On June 1, Brig. Gen. Kurt Ryan relinquished responsibilities as the 39th Chief of Ordnance and Commandant of the Ordnance School. He is truly an amazing leader whose intellect, vision, and commitment to the Ordnance Corps will have a long-term positive impact. His support, guidance, and vision were instrumental in our ability to develop a Unit Diagnostics Immersion Program that enhances the technical competency of maintenance personnel, reduces cost, and increases overall personnel, training and equipment readiness. Additionally, his approval of

multiple Ordnance Warrant Officer Force Design Updates will enhance our ability to build and sustain readiness in a manner that supports the Army's aptitude to execute Unified Land Operations.

On May 14, we celebrated the 204th birthday of the Ordnance Corps. What an honor it is to serve in an organization with such a long-standing reputation for excellence. We also inducted 13 remarkable Ordnance professionals into the Ordnance Hall of Fame. Each of these individuals represent what is the very best of our Army and our Corps. On the same date, CW5(R) Harold DeBerry, who was the 5th Ordnance Regimental Chief Warrant Officer, assumed duties as the Honorary Warrant Officer of the Regiment. We look forward to his mentorship and continued selfless service.

Over the next 60 days, I look forward to the opportunity to conduct warrant officer leader development sessions and site visits at Fort Stewart, Ga.; Fort Hood, Texas; Fort Leavenworth, Kan.; in Hawaii; at Lake City Ammunition Plant; and multiple Regional Training Sites - Maintenance (RTS-M).

Thank you for all you do! It is an honor to serve with, and for you, as your Regimental Chief Warrant Officer. I can assure you that we will continue to press forward and have no intent of switching the selector lever to safe. **Go Ordnance!**

CW5 Richard C. Myers, Jr.
9th Regimental Chief Warrant Officer



Left: Brig. Gen. Kurt Ryan, 39th Chief of Ordnance, passes the colors to Maj. Gen. Darrell Williams, Combined Arms Support Command commanding general, signifying the relinquishment of command. (Photo by Amy Perry, Fort Lee Public Affairs). Right: Brig. Gen. Ryan thanks CW5(R) Joe Wurm for his more than a decade of outstanding service as the 2nd Honorary Warrant Officer of the Regiment. CW5(R) Harold DeBerry stands ready to assume responsibility as the next Honorary Warrant Officer of the Regiment.



Training Initiatives for Stryker Systems Maintainers (91S)

Based on the Army Learning Model 2020, leaders of the Stryker Training Division, Wheel Maintenance Training Department, are modernizing 91S10 AIT training. We have completed our first initiative, which covers how to remove and replace Stryker brake components using 3D software.

The 3D software for brakes is a comprehensive module that demonstrates the step-by-step procedures required to assemble and disassemble brake components. Each step is presented in animation form, highlighting the required tools, key cautions and actions required to accurately complete the task. This software will allow Soldiers an opportunity for self-development as it fosters learning beyond the classroom. The screen shots above show the level of detail the software provides



Navigation screens for brake assemble/disassembly training module.

Other Stryker initiatives on the horizon are the Mortar Carrier Vehicle (MCV) Recuperator 3D video which will enhance learning related to the assembly/disassembly of the recuperator system, and the Remote Weapon Station (RWS) video, developed to decrease faults inadvertently caused during “start-up” and “shut-down” procedures.

Our efforts are a byproduct of collaboration with the Combined Arms Support Command (CASCOM) Technology Integration Branch. These products will be placed on the Army Training Network for viewing and training purposes.

Samuel A. Burns
Course Manager

Check it out!
Stryker Brakes 3D Training Module
http://tiny.cc/Stryker_Brakes_Video



AAME is here again!

Time for the annual competition for the Chief of Staff, Army Award for Maintenance Excellence (AAME) is here again. The AAME recognizes exceptional accomplishments in maintenance excellence and nests with the Chief of Staff’s top priority, readiness.

If you are already following the Command Maintenance Discipline Program (CMDP), why not compete for the FY16 AAME competition? Simply open up the AAME Program Guidelines and create a narrative packet to be submitted through your chain of command. During all phases of the competition, maintenance experts will provide feedback and best practices on ways to streamline and improve your policies and procedures.

Remember, your entire staff will reap the benefits of doing well in the AAME. Winning the competition in your category means the Chief of Staff of the Army will recognize your unit. Why not posture your Soldiers to be recognized by the Army’s top leaders for the hard work they’re doing? You can find more information at the links below, or by contacting the [AAME Program Manager](#).

David Hausler
AAME Program Manager



The FY16 AAME Program Guidelines: https://cac.cascom.army.mil/ORD/aame/AAME_Message.pdf
More info on the AAME competition and its history can be found at: <http://www.goordnance.army.mil/AAME/aame.html>



Reduced Explosives Safety Quantity Distance Storage Units

With proper approval, any mobile storage unit can be used to store Ammunition and Explosives (AE). However, the storage capability of many standard commercial storage units offers no reduced Explosives Safety Quantity Distance (ESQD)! In situations where it might be difficult to provide proper ESQD to exposures, **reduced ESQD storage units** can be useful to an organization. Organizations wanting to use these units for reduced ESQD must understand there are very specific requirements, such as:

- a) Units must be approved by the service component and ultimately the Department of Defense Explosives Safety Board (DDESB).
- b) There are minimum distance requirements from the container door to occupied spaces and facilities.
- c) Inter-magazine distances from one storage unit to another storage unit are required.
- d) Specific guidelines for storage of AE items are only authorized by the DDESB and service component.
- e) AE storage within these units must be accomplished by strict DDESB and service component guidelines.

Storage units listed in Table AP1-4 of [Technical Paper 15 \(TP15\)](#) have been approved by the DDESB for reduced ESQD storage. Before purchasing any AE storage unit, contact your installation safety office



Left: GOLAN 15 Storage Unit
Below: Canine Explosive Training and Storage Magazine (CETASM)



and/or the U.S.

Army Technical Center for Explosives Safety (USATCES) to ensure the storage unit meets the approval requirements.

For detailed information about required ESQD distances and or other technical data, contact USATCES at (918) 420-8718 or (918) 420-8334. DSN prefix is 956.

Mr. Brook Morris
USATCES Mission Advisor



The First Lady of Ordnance



During the Berlin Airlift in 1948, she worked on the planning and organizing the storage, handling, and airlift of ammunition into West Berlin. Following this assignment, she transferred back to the U.S. Army Ordnance School where she served on staff. It was in this assignment that she met her husband, Ordnance Officer Thomas J. McGrath.

In recognition of her long devotion to the Ordnance Corps, she earned the nickname "First Lady of Ordnance," and she was the

first female inducted into the Ordnance Corps Hall of Fame in 1985. Lt. Col. Luta McGrath passed away on April 14, 2016 at the age of 108.

Lieutenant Colonel Luta C. McGrath was born in Beattyville, Ky., on November 21, 1907. She began her career in the Woman's Army Auxiliary Corps (WAAC) in 1943. Upon commissioning, she was assigned to the Red River Ordnance Depot and began her career long affiliation with the Ordnance Corps.

Mr. Karl Rubis
Historian



NCOs with power to spare!

The 59th Ordnance Brigade held their first NCO induction ceremony at Fort Lee, Va., on March 3. The NCO Corps welcomed 21 Soldiers and the 12th Sergeant Major of the Army, Jack Tilley, shared a few lessons about being an NCO. Tilley said being an NCO is all about “taking charge and leading from the front. You need to stay focused and know your responsibility.” He also said that one of the biggest responsibilities is the same as it was when he first became an NCO, “take care of people.” During the ceremony, Command Sgt. Maj. Noble administered the NCO charge to the newly promoted NCOs: “...I will correct conditions detrimental to the readiness thereof. In so doing, I will fulfill my greatest obligation as a leader and thereby confirm my status as a Noncommissioned Officer.”

Like the theme of the ceremony - Steadfast Leadership: Past, Present, and Future - we will continue to take care of our Ordnance Warriors and ensure we provide the most Professional NCOs.

COL Jeffery Carter
Commander, 59th Ordnance Brigade



A soldier from 832nd Ordnance Battalion walks through the ceremonial arch that symbolizes his passage into the ranks of the Noncommissioned Officer Corps, during the 59th Ordnance Brigade NCO Induction Ceremony.



TACOM'S Unit Training Assistance Program (UTAP)

TACOM's Unit Training Assistance Program (UTAP) provides validated training materials on a variety of TACOM-managed equipment to all members of the Armed Forces through a CAC-enabled “membership only” website: Library of TACOM Training and Information Site (LOTTIS).

LOTTIS is readily available, 24 hours a day, 7 days a week, and contains OPNET, FLMNET, Sustainment, and Supplemental System Training materials such as:

- ✓ Instructor Guides
- ✓ Student Guides
- ✓ Hand-Outs
- ✓ Lesson Plans
- ✓ Training Videos
- ✓ Web-links to other valuable training sites



**UTAP
SUPPORTS
ARMY
NAVY
AIR FORCE
MARINES
AND
COAST
GUARD**

UTAP also offers a top-rated customer assistance team ready to tackle any questions or problems you might have. If LOTTIS does not have what you are looking for, if you need help navigating thru LOTTIS, or if you can't find an item or NSN, the customer assistance team is available to assist. So what are you waiting for? You're only a click away from discovering what thousands of people already know. On your web browser, type in <https://utap.army.mil> and follow the instructions on how to become a member. A confirmation email will be sent from UTAP within an hour (excluding weekends).

Email usarmy.detroit.tacom.mbx.ilsc-utap@mail.mil for more information, or call (586) 282-4276 or DSN 786-4276.

The materials found in LOTTIS serve as a SUPPLEMENT to training in the operational domain. They are NOT intended to replace institutional training or new equipment training by the Program Manager and will NOT qualify anyone for an Additional Skill Identifier (ASI).

2017 Ordnance Corps Hall of Fame Inductees



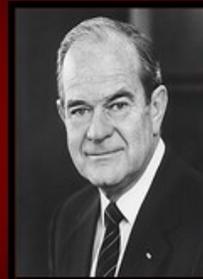
Historical Category



LTC Robert E. Leiendecker



SGM Kenneth R. Foster



Mr. Thomas G. Pownall

Contemporary Category



MG Kurt J. Stein



COL Yolanda Dennis-Lowman



COL Gregory A. Mason



LTC William J. Sidebottom



CW5 Lawrence R. Blackwell



CW5 Mark A. Fagin



CW5 Robert C. Tadlock



CSM Anthony L. Boles



CSM Clinton G. Hall



CSM Edward Komac



CSM Sultan A. Muhammad



Mr. Michael P. Devine



Mr. Alan Beuster

