



The Ordnance Corps Quarterly

U.S. Army Combined Arms Support Command

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Chief's Corner

Greetings from the Home of Ordnance! Due to popular demand, we have resurrected the Ordnance Corps Quarterly Newsletter! Let me start by introducing you to our new Regimental Command Sergeant Major, CSM Ed Morris. We said farewell to RCSM Clint Hall in October 2014. RCSM Morris is an outstanding leader, technician and warrior with a wealth of experience and skill to help us move forward on Ordnance strategic initiatives. Our team here at the Ordnance School along with our team mates from the Combined Arms Support Command have made a lot of progress improving our ability to maintain victory on the battlefield. Here are some updates on the health of our Corps as well as some of our ongoing initiatives.



The health of the Corps is strong across the Total Army... too strong really as we are over-strength in many of our MOSs. We recently met with HRC to discuss the health of our Corps and initiatives and improvements for our leaders and Soldiers. For our officers: leaders must advocate for competitive broadening assignments at the company and field grade levels, as these are truly career enhancing. We remain well over 100% strength across all our active duty warrant officer MOSs and future SERBs are likely. However, commanders should nominate deserving NCOs for ARNG and USAR warrant officer, where our strength remains critically low at the 40-60%. For our enlisted cohort: our continued focus is on the 91A and 89D MOSs. HRC and Ordnance Proponency are working hard to increase the 91A on-hand numbers as we are currently understrength at both Skill Level (SL) 1 (84%) and SL2 (73%). Conversely, our 89D is 176% for SL1 and future structure reductions will only worsen this without reductions in accessions and Soldier strength. The next Ordnance CMF Review is tentatively scheduled for late September/

early October 2015.

In our last three OD Connects, we discussed our **Maintenance Force Structure Studies**. These studies explored shortfalls in current motor pool documentation guidance, which has become obsolete. Current guidance is based on a rule that motor pools with less than ten maintainers are not authorized tool sets (beyond individual tool boxes), SAMS-E, a 92A, or a motor sergeant. Exceptions to this rule are based on an outdated methodology, putting units at risk of losing their organic motor pool capability. In the end, the Force Design Update (FDU) will enable EAB units with moderate mechanics densities to be fully maintenance capable with personnel and equipment.

The Army is moving into high gear with the **Global Combat Support System-Army (GCSS-Army)** roll-out. This system will allow us to track a piece of military equipment from the time it is purchased until it arrives at the unit. The system then predicts the maintenance upkeep and anticipates additional parts or maintenance needed to support the lifecycle of the product. By providing everyone access to the same data, we can optimize the supply chain and increase operational readiness.

Wave 1 of the roll-out is over 60% complete and replaces the Standard Army Retail Supply System. Starting at the warehouse, we can link the national level logistics to the tactical level of operations.

Wave 2 began in January 2015 and replaces the Property Book Unit Supply-Enhanced and the Standard Army Maintenance System-Enhanced. GCSS-Army is not replacing people with another computer system. It still requires our professional Soldiers and leaders to conduct proper maintenance procedures and maintain accountability of their property.

Two ammunition initiatives, currently ongoing, are of particular interest to the Operational Army. The first is the development of the **Standard Army Ammunition System – Modernization (SAAS-MOD) Software Change Package (SCP-11)**.

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SCP-11 will be a web accessible version of SAAS that will establish a centralized database, eliminating the de-centralized server concept. The catalog will also be centralized through the Army Enterprise Systems Integration Program (AESIP). The primary purpose of SCP 11 is to renew the Authority to Operate/Certificate of Networthiness (ATO/CoN) for SAAS-MOD in 2016 and beyond. SCP 11 is not the objective solution to ammunition issues but it's a step in the right direction. The objective solution is the second initiative and is an ERP solution.

In October 2014, I signed the **Ammunition Management and Accountability towards the Enterprise Problem Statement**. This document is the foundation for establishing the funding stream to establish ammunition in the Army Enterprise. The DoD approval is expected to be completed in the next 60 days. Once approved, an Analysis of Alternatives (AoA) will be conducted to determine the best solution for the stated problem: "the Army lacks an integrated and automated End to End (E2E) supply chain for Class V (munitions) to meet joint, operational and auditability requirements." In addition, the timing of the solution as well as interim actions that may be necessary before the solution is fielded, will also be addressed.

Throughout May, we will celebrate the **203rd Birthday of our Ordnance Corps** and we have several key events planned to commemorate this important milestone. We will conduct a **Regimental Chief Warrant Officer Change of Responsibility** between CW5 Terry Hetrick and CW5 Rick Meyers. Immediately after we will host the **Ordnance Hall of Fame** board, retreat ceremony, induction ceremony and reception. The history of the Ordnance Hall of Fame and a list of the 2014 inductees is provided on [page 7](#). The following day, the Ordnance Corps Association will sponsor a golf tournament and that evening we will hold our Ordnance Corps Ball.

Another key event scheduled for May, is the **Ordnance 2025 Strategic Planning Symposium**. The purpose of this two-day event is to gather insights from senior leaders on the current and future challenges of our core competencies: maintenance, ammunition, ex-

plosive ordnance disposal, and explosives safety. The learning demands identified during the symposium will drive our campaign of learning to inform our OD Strategic Vision, inform solutions strategies for OD2025 and Beyond, and identify potential new challenges.

In closing, I want to thank you for your unwavering support to the Ordnance Corps and to our Nation. I have visited many of your installations in the past two years, and I couldn't be more proud of our Ordnance Soldiers and the great work you do in support of the Warfighter. You are all key to our success as we move the Ordnance Corps into the future. Our troops are our most agile and adaptive resource; we can optimize this human dimension by investing in their development and leading them within a climate of dignity and respect. I challenge all of you leaders to harness your creative and innovative genius and 'reach' for adaptive solutions! Continue to exercise disciplined initiative; rise above and beyond the confines of past success to become the leaders the Army needs to win in a complex world.

As always, your feedback and observations from the field are invaluable and help shape the future of the Ordnance Corps. Continue to monitor the [Ordnance Corps](#) website and submit your questions or comments through the "[Ask the Chief](#)" link. Engage with us via [Facebook](#), [LinkedIn](#) and [Twitter](#). I would also encourage you to [email](#) us pictures of our Ordnance Soldiers in action and submit articles for the Ordnance and Army Sustainment magazines. ***Go Ordnance! Supports Starts Here! Army Strong!***

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Jack Haley
Brigadier General, U.S. Army
Chief of Ordnance





Regimental Command Sergeant Major Highlights



Greetings Team Ordnance! It has been over six months since I took the reins as Regimental Command Sergeant Major, and I continue to be impressed with the accomplishments and performance of our Ordnance Soldiers and NCOs.

First, I would like to congratulate the six NCOs that were selected to participate in the incredible Training with Industry (TWI) program. These NCOs will have an opportunity to learn and develop alongside of industry experts, and bring some of their best practices and techniques back to the Army. I highly encourage leaders to look into this program by visiting the [Ordnance TWI](#) webpage. Our Personnel Development Office (PDO) will accept applications from May 1st through November 30th for future TWI opportunities.

I would also like to publically recognize the eighteen Ordnance master sergeants that were selected to attend the prestigious United States Army Sergeants Major Academy. Congratulations and best of luck to Class 66! I encourage you to take time out of your busy schedules to visit the [Ordnance Corps](#) website, which houses a wealth of information and valuable resources for leaders, and to stay connected to the Ordnance Corps through social media.

The Ordnance School is planning several events to commemorate the 203rd anniversary of the Ordnance Corps and to celebrate the vast achievements of its members, past and present. One of the highlights will be the Ordnance Corps Hall of Fame Induction Ceremony on May 14th. I am so proud that three of the finest Ordnance NCOs are being inducted: CSM(R) Joseph R. Allen, CSM(R) Edward T. Brooks, and CSM(R) Mark S. Gerecht. I hope that many of you will be

able to attend the ceremony, and I encourage you to read more about these great Americans by visiting the Ordnance [Hall of Fame](#) webpage. I could not close without mention of Staff Sergeant Jeffrey M. Dawson, who was awarded the Distinguished Service Cross, the nation's second highest award for valor, on February 17, 2015. SSG Dawson, an Army Explosive Ordnance Disposal Sergeant, exhibited bravery during an enemy ambush in Afghanistan. The Corps salutes you SSG Dawson!

We are extremely proud to have leaders of this caliber in our formation. I want to thank you for all you are doing and please keep up the great work.

GO ORDNANCE!

CSM Edward C. Morris
12th Regimental Command Sergeant Major

A look ahead...

Be sure to mark your calendar for these

12-13 May OD Strategic Planning Symposium

14 May OD Regimental Chief Warrant Officer Change of Responsibility

14 May OD Hall of Fame Induction Ceremony





Regimental Chief Warrant Officer Highlights



The technical competency of the Ordnance Warrant Officer in the functional areas of maintenance and munitions is being called to action. There is overwhelming data from decisive action rotations at the CTCs, Reverse Collection AARs, and Operational

Commands requesting training to validate the impact of skills atrophy after sustained combat action and to focus on organic capabilities we have outsourced.

The Army expects the warrant officer to be an adaptive, agile, and innovative technical expert, manage Logistics Information Systems, integrate processes, and lead Soldiers. We cannot buy our way out of this problem of lacking experience performing our craft or adding another school. As a cohort we must address problems head on - even if that means reading technical manuals, fault isolating side by side with Soldiers, or conducting operations that you performed as an NCO. No matter what it takes, it is essential that we fill in the gaps.

Many of our Soldiers and NCOs haven't had the developmental opportunities we had running motor pool/shops/ASPs. Many did not perform their MOS during deployments to OIF/OEF and we reduced time in PME to ensure the operating force had sufficient manpower to deploy.

The Ordnance School developed some training products available through [Sustainment Unit One Stop](#) for use in home-station environments; we also developed customized training to send Soldiers to Ft. Lee and obtain additional technical training and take back to their units. These training products can help inject some level of proficiency; however, it is still up to the warrant officer on the ground to visualize/describe the solution to this problem to the commander in order to be able to allocate the resources. In most cases

that resource is time, i.e. scheduled technical training on calendars, relief from taskings, or innovative training events that use your Soldiers in their MOS.

We have changed our PME to add more technical depth to the WOBC/WOAC, the technical follow on for WOILE and WOSSC is programmed for FY17, all initiatives to improve our PME and add rigor. Unfortunately, if you have previously attended one of these PME's, these changes will not apply to you. We will need to take the time to share best practices and knowledge gained during hands on performance in the shops/motor pools with our NCOs, as they are our future warrant officer accession pool. As a cohort, we are only as good as they are. You have reach back capability here at the schoolhouse and Regimental HQs as it is our role to facilitate the training and developmental needs. I urge you to utilize the capabilities and technologies available at the Home of Ordnance!

On May 14, 2015, we will induct Chief Warrant Officer Five (R) Patrick M. Endicott, Chief Warrant Officer Five (R) Robert M. Vachon and Chief Warrant Officer Five (R) Ralph E. Williams III, into the Ordnance Corps Hall of Fame Class of 2015. Each of these outstanding warrant officers is being recognized for their significant achievements and contributions to the Corps and to the U.S. Army.

In closing, my successor, Chief Warrant Officer Five Rick Myers will be assuming the responsibility as your 9th RCWO on May 14, 2015. I sincerely thank you for the support that you have shown to me and my family these past three years. I would ask that you show that same level of support to Chief Myers and his family. Please welcome them to the Ordnance Regimental Command Team and Fort Lee community. I look forward to seeing you at all of our Ordnance events in May.

GO ORDNANCE!

CW5 Terry Hetrick
8th Regimental Warrant Officer

ASI / MOS Challenges

Greetings from the Ordnance Personnel Development Office! Ordnance leaders across the Operational Army often communicate with us to discuss challenges concerning ASI management and MOS futures.

The most common Additional Skill Identifiers (ASI) with challenges are the C9 (Patriot MAST and Electrical Power Plant Operations), F6 (NBC-RV Sensor Suite Repairer), and the H8 (Recovery Operations). While many units report being short these ASIs, the Army strength is currently 217% for C9, 173% for F6, and 92% for H8. We highly encourage leaders to query their Brigade S1 or Installation G1s to ensure ASI-holding Soldiers are assigned to the right unit authorizations. We continue to work hard to increase training seats, especially for the H8 (tracked vehicle).

There are several MOS initiatives currently underway. We are making minor changes to the titles of MOSs 91F, 94E, and 91D to better describe their primary missions. Effective October 2016, 94X will consolidate into 94W to provide better opportunities for our senior enlisted personnel. In the next few years, we'll consolidate 91G into 94Y as their missions and skill sets merge, and look to future MTOE changes in regards to 91D and 94R.

We are always available to discuss Ordnance personnel matters with you. If you have any questions, feel free to contact us at (804) 765-7385 or 765-7384, or visit the [Ordnance PDO](#) webpage.

LTC Scott M. McFarland
Director, Personnel Development Office

Mobile Learning Apps

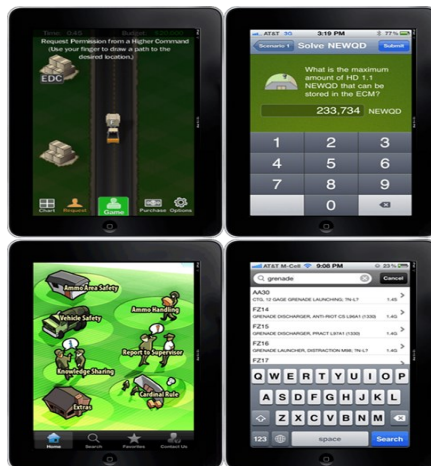
The Defense Ammunition Center fielded four mobile learning applications to help Soldiers and others who work with ammunition and explosives learn about critical safety, storage, and handling practices.

The Ammo SCG game apps provide insights to the 13 different Storage Compatibility Groups (SCG) assigned to ammunition items. Players quickly learn how to interpret the compatibility table as they move ammunition to different storage sites, or soon discover what can happen when compatibility rules are violated.

The ESQD Mobile game app explains how to use the Explosives Safety Quantity Distance (ESQD) Calculator, which is a tool to determine how much ammunition can be safely stored at a given location, and how far away to keep personnel and equipment.

It has ten challenging scenarios that utilize the mobile ESQD calculator and leverage knowledge of Army ESQD standards.

The "Yellow Book" app is a



mobile version of the popular field guide. It provides users with consolidated hazard classification, physical security, marking, transportation and storage data and criteria for a variety of ammunition

items. Like the hard copy version, this app does not replace any official source documents, yet it remains an indispensable tool for field operations.

The Soldier Safety app delivers the basic DOs and DON'Ts for handling, storing, and transporting ammo. Soldiers watch and interact with "Private Puddinhead" while he learns about basic ammo safety through trial and error in a variety of humorous situations.

To download these free apps, go to the [DAC](#) website, then click the "Mobile Learning Apps" link.

Mr. Upton Shimp
Director, Defense Ammunition Center

Big Changes for the 91B Wheel Vehicle Maintenance Course

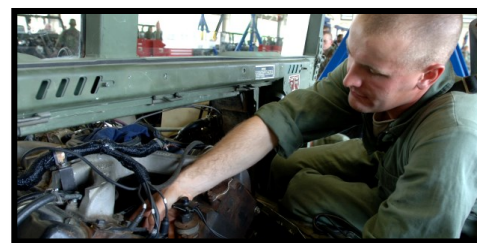
The Ordnance School will consolidate all 91B Advanced Individual Training (AIT) training at Fort Lee by the end of FY16. It will also redesign the 91B AIT course to integrate the Army Learning Model (ALM).

Currently, almost 6,000 91B AIT Soldiers are trained annually at both Fort Lee and Fort Jackson. An approved restationing action will move the following from Fort Jackson to Fort Lee: 1956 students; 113 military and civilian authorizations; two AIT companies; and \$17 million of equipment. Fort Lee will start picking up additional classes this summer, while Fort Jackson reduces its training load. The consolidation will be complete by 30 September 2015 and the 187th OD Bn, 171st Brigade will be inactivated.

This restationing will save \$3.16M in one-time costs and \$500K annually. It will also return \$23M of excess equipment to the Army.

Concurrently, the Ordnance School and the Combined Arms Support Command (CASCOM) are converting the 91B AIT course to a Skill Based

Training (SBT) methodology. SBT is a learner-centric, facilitated approach that focuses on providing students with the problem-solving skills to repair any equipment they might encounter as a



91B mechanic. It's a shift from a "remove and replace" mentality to one that focuses on critical thinking and diagnostics. Students might receive a demonstration on how to troubleshoot an engine on one vehicle, perform a practical exercise on a different vehicle, and be tested on yet another one. The desired outcome is for students to be able to transfer their problem-solving skills to a variety of equipment. The new 91B graduate is a more confident diagnostician who can operate in today's complex world!

Dr. Richard B. Armstrong
Director of Training

"Integrated Leader Training Concept" White Paper



Military leaders are constantly striving to integrate new concepts for developing our present and future leaders in a time of reduction of forces across the Army. We must develop and apply innovative training models to "*build proficient agile adaptive leaders*" who can deploy, fight and win in a complex world.

The 59th Ordnance Brigade has written a white paper titled "Integrated Leader Training Concept"

to facilitate an Institution-wide dialogue about building agile adaptive leader proficiency in the Institutional and Operational training forces. It will be refined through calendar year 2015 based on feedback from our professional leadership community. All leaders and professionals are encouraged to participate in this dialog.

To engage in this review of the Integrated Leader Training, visit the [59th Ordnance Brigade](#) webpage and click on the "**The Paradigm Shift**" campaign link. (The link will be available early in May). The website will also provide links to professional forums and blogs on the Ordnance Corps and School.

COL Jeffery Carter
Commander

Citizen-Soldiers Earn the Blue Seal of Excellence

The U.S. Army Reserve and Army National Guard continue to add citizen-soldiers to the ranks of over 300,000 maintenance professionals nationwide who have earned the **Blue Seal of Excellence** from the **National Institute of Automotive Service Excellence (ASE)**. The Blue Seal of Excellence is one of several credentials offered through the Army's credentialing program. The credentialing program provides a win-win opportunity that enhances unit readiness by refining an Army mechanic's technical ability, improves civilian job prospects, and increases military promotion potential.

Ordnance Soldiers throughout the Reserve Component continue to take advantage of ASE test

vouchers for the Diesel Engine Certification Test (T2), the Auto Maintenance and Light Repair Certification Test (G1), and the Automobile



Service Consultant Certification Test (C1). The certification vouchers allow Soldiers to access training resources and take the ASE certification tests free of charge at participating testing facilities. The Reserve Component Office (RCO) centrally manages the ASE credentialing vouchers and distributes the vouchers to the 17 Regional Training Site Maintenance (RTSM) facilities located across the country. The RTSMs

support ASE testing for students attending their institutional training courses and, on a case by case basis, Ordnance Soldiers in the geographical area. Obtaining ASE credentialing is not easy, but the rewards are well worth the effort!! If you're ready for the challenge of obtaining the Blue Seal of Excellence, contact your local RTSM or the U.S. Army Ordnance School Reserve Component Office at (804) 765-7379, or send us an [email](#). For more information visit the [Ordnance RCO](#) webpage.

COL James Groark
Chief, Reserve Component
Office

Ordnance Hall of Fame

The Ordnance Corps Hall of Fame was established in 1969 to recognize and memorialize those who have made a positive, significant contribution to the U.S. Army Ordnance Corps and the Ordnance profession. Their impact ranges across the Ordnance enterprise to include the fields of EOD, Ammunition, Maintenance, and Logistics.



Inductees range across American history; to include civilians who supported the American Revolution, Ordnance officers who were awarded the Medal of Honor in the Civil War, and the Officers and Soldiers of WWI and WWII.

Today, the Ordnance Corps

Association hosts the Hall of Fame Induction Ceremony held on May 14th every year in recognition of the anniversary of the Ordnance Branch, established on May 14, 1812.

Not just to recognize senior officers, the Hall of Fame honors civilians, Enlisted, and Warrant Officers for their contributions. This year, we will induct twelve new members to the Hall of Fame; including four Chief Warrant Officers, three Enlisted, and two Civilians.

Each nominee is closely scrutinized. The rank and position of a nominee is not a discriminator; selection of inductees is based on the significance of their contributions to the Ordnance Corps.

This years inductees include three in the Historical Category: MG Christian Patte, CW4 Karl H. Saul, and Mr. Ralph Campoli; and nine in the Contemporary Category: COL Kevin D. Lutz, COL Bill Suchting III, CW5 Patrick M. Endicot, CW5 Robert M. Vachon, CW5 Ralph E. Williams III, CSM Edward T. Brooks, CSM Mark S. Gerech, Mr. John W. Masengarb, and CSM Joseph R. Allen. For more information visit the Ordnance [Hall of Fame](#) webpage.

Mr. Karl Rubis
Historian