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The United States Army Field Artillery Branch's Newsletter

2018 Fires Conference Coverage

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## 2018 KNOX, HAMILTON & GRUBER AWARDS





**Purpose:** Founded in 2011, the *Redleg Update* provides past and present Field Artillery leaders with a monthly update of informational highlights to assist in their individual, collective and professional training efforts, as well as report on activities occurring throughout the Field Artillery community.

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Stephen J. Maranian Brigadier General, U.S. Army Commandant,

United States Army Field Artillery School

### Stephen I. Maranian

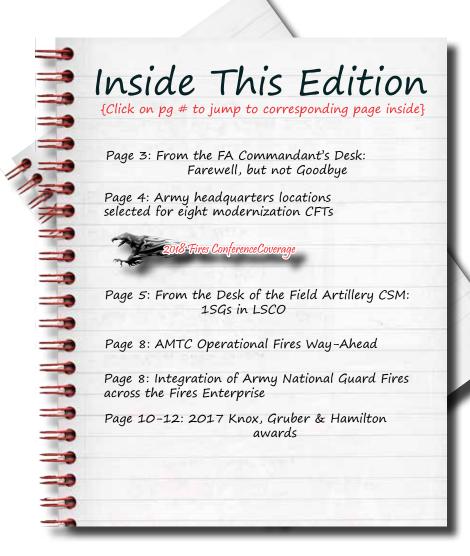
RFIs, Notes, and Notices: To submit a Request for Information (RFI), please email the POC listed below.

#### **Points of Contact:**

We appreciate those who have provided announcements, notices, articles and lessons learned.

Additionally, if you have a story of interest or wish to initiate a discussion on any topic or issue facing the Field Artillery community, contact Ms. Sharon McBride, Field Artillery Public Affairs Officer, at (580) 558-0836 or sharon.g.mcbride4.civ@mail.mil

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#### **Editor's Note:**

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### From the FA Commandant's desk

#### Farewell, but not Goodbye

As Cynthia and I depart Fort Sill and my time serving as the FA Commandant comes to an end, I want to take the opportunity to thank every Redleg for your dedication to our branch and for the phenomenal leadership of our Fires formations that you execute on behalf of our Soldiers and Civilians, and their Families every day. Visiting you in the field, watching you put steel on target, and witnessing your seamless integration with Maneuver has been simply awe inspiring, just to be a part of this amazing branch. Every graduation, ceremony, and awards presentation that I have attended has stiffened my spine a little more, each time – I am proud to be a Field Artilleryman and proud to be on the same team as all of you.

It has been a tremendous ride and I have truly loved this opportunity to serve you. Over the past two years, we have put a lot of focus into strengthening the relationship between the institution and the operational force – Active and ARNG. We strived to enhance this relationship through visits, ongoing engagements, and live and virtual fora to share ideas and integrate your feedback. Incorporating warfighter input into what we are doing in the schoolhouse is how I believe we can best support the Chief of Staff of the Army's #1 priority of Readiness.

The most challenging thing we've had to face has been overcoming the shortfall in training competency in the operational force. As a result of all the years that the Army was focused on counterinsurgency, we've grown a generation of Field Artillerymen who, through no fault of their own, have not had the repetitions under their belts to be as knowledgeable and rehearsed as they must be, by the time they become field grade officers, warrant officers and senior noncommissioned officers. Instead of career paths focused on large-scale combat operations, including tough, demanding decisive action training environment rotations at our combat training centers, our junior leaders grew up in COIN environments, where they were asked to tackle missions outside their core competencies.

We've had to rebuild our skill sets in helping Maneuver commanders build battlefield architectures

that include fire support and air coordination measures that permissively integrate the proactive fires necessary to fight and win in high intensity combat. I am pleased that our FA Captains Career Course, Warrant Officer



Advanced Course and NCO Advanced and Senior Leaders Courses have put us back on track toward rebuilding those core competencies. We've also had to help rebuild our Maneuver teammates' skill sets in integrating fire support with Maneuver plans. We've had to meet higher expectations of Maneuver commanders, while shaping those same expectations. I believe our Maneuver BCT Pre-command Course has helped us do both of those things and I'm grateful to the FORSCOM CG for his emphasis and to my predecessor, BG Bill Turner for steering our branch in that direction.

I also deeply appreciate the efforts of our Army National Guard teammates in marching to the objective with us – in lock-step. MG Luke Reiner, Wyoming TAG and senior ARNG Field Artilleryman has been a phenomenal leader and partner, in ensuring seamless improvement across the Total Force. The further development of the Sustainable Readiness Model for the ARNG and the habitual associations our ARNG FA brigades have with both Active and ARNG divisions continue to pay measurable readiness dividends.

A little more than halfway through my tenure, Army leadership directed the establishment of eight cross-functional teams, to help get after some of our

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most pressing acquisition and capabilities development needs. I was asked to lead the CFT for longrange precision fires. As a branch, we have identified gaps in range, lethality and volume of fire, at echelon, with some of our peer and near-peer adversaries. These are gaps we must close to achieve full force readiness to effectively fight with fires. I have recently transitioned leadership of the LRPF CFT to COL John Rafferty who will continue to lead our targeted modernization efforts, in support of the imminent activation of Army Futures Command. His connection and nesting with the Fires Center of Excellence and Force Modernization proponent will remain critical to delivering capabilities that guarantee sustained overmatch in surface-to-surface fires against any potential adversary, for decades to come.

Over the long-term, we've laid out a strategy that will continue to move the ball down the field in improving our training proficiencies, equipping our warfighters and integrating with Maneuver. I can think of no finer leader to continue our momentum than BG

Steve Smith – who takes the reins in June as the 53rd FA Commandant. Steve is a seasoned warfighter who brings with him a laser focus and strategic view of the force. His renowned care for Soldiers and singular ability to serve as an inspiring role model to our young officers and Soldiers training here at the school, give me confidence and a renewed sense of optimism that our branch will be in great hands, moving forward. I know you will support him as you have me over the past two years.

Thank you for the privilege of serving you and endeavoring to make our branch – the Field Artillery – the very best our Nation deserves. I wish each of you success and Godspeed.

King of Battle!

BG Stephen J. Maranian



# Army headquarters locations selected for eight modernization CFTs

(Inside Defense, May 18, Courtney McBride) https://insidedefense.com/daily-news/army-headquarters-locations-selected-eight-modernization-cfts

Army Secretary Mark Esper has made a stationing decision for the eight cross-functional teams pursuing the service's six modernization priorities.

The secretary on May 15 informed the directors of the CFTs of the headquarters locations, to which the teams will relocate this summer. Site selection included consideration of the needs of the individual CFT, and in many cases involved co-locating the team with a partner organization such as a research, development and engineering center or a schoolhouse.

Each team is projected to have a headquarters staff of approximately 32 soldiers and civilians and to include science and technology, funding, program management and testing personnel.

The Long Range Precision Fires CFT, led by Col. John Rafferty, will be headquartered at Ft. Sill, OK. The first director of the LRPF CFT, Brig. Gen. Stephen Maranian, has been tapped as deputy commanding general of the 2nd Infantry Division (Combined), Eighth Army, in South Korea.

The Next Generation Combat Vehicle CFT, headed by Brig. Gen. Dave Lesperance, will be based at Detroit Arsenal, MI, facilitating collaboration with the Tank Automotive Research, Development and Engineering Center.

Lesperance's designated successor is Brig. Gen. Richard Coffman, currently the deputy commanding general (maneuver) of the 1st Infantry Division at Ft. Riley, KS.

The Future Vertical Lift CFT, led by Brig. Gen.

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# From the Desk of the FA CSM: 1SGs in LSCO

This year's Fires Conference theme was Fires in Large Scale Combat Operations (LSCO). A great opportunity for Field Artillery leaders at multiple echelons from our Army, partnered and allied nations to engage in discussion to shape the future of the FA Force. Solid discussion throughout on various approaches and initiatives to get us where we need to be in the very near future. As I reflected on the discussions however, I realized with all we're doing there is a segment of our force for which we have not addressed gaps in tactical experience and training; our First Sergeants.

The critical role the First Sergeant plays in training and preparing his/her unit caused me to recall some of my own experiences as a First Sergeant. Using some of my observations as well as those shared from our senior Observer Controllers at the Combat Training Centers (CTCs), I'll lay out some of the tactical responsibilities required for success in large scale ground combat operations, along with some ways to get after it – because pointing out issues without solutions isn't what leaders do. The goal is an application of gathered experience for senior noncommissioned officers applicable to different problem sets they will encounter in their tactical role.

In the Decisive Action Environment (DAE), it's a safe bet you won't have much of what you've become accustomed to in the COIN environment. We must practice to be self-sufficient through planning, preparation and checks before SP. Start out by cutting the umbilical cord to the rear – if we know we can 'run back' for x or y because we failed to plan, we become reliant on that lifeline. Failing to plan and practicing to be self-sufficient (expeditionary) in home station training creates additional friction when we arrive to train at the CTCs - the result of that failure in combat operations is much more ominous. Home station training and validation is absolutely critical - far too many

times our units show up unprepared to fight the Combined Arms fight. Let's discuss some key areas the First Sergeant should be responsible for and directly involved to ensure their unit is trained and ready in the tactical environment. If we can't train our batteries to do these things routinely, and we're not personally involved, it doesn't matter how proficient our gunnery is – we won't keep the battery in the fight.

#### Beans, bullets, medics and maintenance

Not going to talk much about chow. This seems to be an area where First Sergeants aren't doing terrible, just don't forget your retrans, radar and in some cases FISTers like to eat hot chow occasionally, too. The rest of the conversation relating to logistics and support however, are key. Having the right stuff at the right place at the right time doesn't automatically happen. In DAE, you can't depend on the luxury of contracted support – we've got to be able to do it ourselves, with our internal systems. Getting senior NCOs (First Sergeant, CSM) routinely involved in planning and forecasting before we're in the tactical environment, or in contact, provides leaders at all levels with sets and reps, and allows senior leaders' experience to identify potential friction points before they become detrimental to the mission. First Sergeants' involvement in the planning and execution of logistics handoffs for example, may identify potential hazards, more efficient loads, realistic timelines or potential gaps in planning.

A sure way for Soldiers to do routine things routinely and build muscle memory is to start training at home station with basic day-to-day activities that First Sergeants are already doing – reporting is a great start. Take a look at the systems and reporting

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you have in place while in garrison – some reports are also required in the tactical environment as well. For example, your Battery/Battalion requires submitting a daily PERSTAT; why not use the same format that's in the TACSOP in garrison? You might have to make a couple of minor adjustments, but doing so will allow everyone involved, from Section Chief to the S-1, to get extra reps and it becomes routine - doesn't matter if you're in garrison or the field we know what the report is, what info to provide, who gets it and when. Additionally, involving yourself in and incorporating LOGSTAT reporting in garrison gets the same result. Every unit struggles with accurate reporting at CTCs which is a fairly good indicator they will in a DAE; you have to let your higher HQ know what you have on hand and what you need in a timely manner. Consistently using the same reporting format regardless of environment builds muscle memory at all levels. Your involvement makes it important to your Soldiers.

Establishing accurate, routine reporting leads to keeping up with it all (accurate tracking), which provides the ability to forecast for upcoming battles. A prime example is Class V - ammunition. As a platoon sergeant, you may have experienced the friction of tracking what you had on hand and getting it to the right guns/launchers for upcoming missions. Remember the frustration of having to shuffle rounds around the position at the expense of Soldiers energy and risk to the mission because someone couldn't keep a good round count? Multiply that tenfold for battery and battalion ops and you see how important the proactive First Sergeant can be. As a First Sergeant, understanding the upcoming mission/battle, coupled with good knowledge of what's on hand and your experience as a leader gives you the ability to influence the forecasting of Class V to ensure the right quantities (rounds/rockets/missiles, charges, fuzes, primers), configurations (crated, pallets, pods), optimal delivery methods and locations to ensure mission success, or at the very least to see if the plan is executable in the time allotted. Too many wait around for battalion or the Forward Support Company (FSC) to come up with a distribution plan. The Battalion Ammunition Officer likely doesn't have the same level of experience or may not understand how to forecast for things such as FASCAM and SMK

or the difference in counting rockets versus pods. First Sergeants' involvement early on and throughout will eliminate much of the friction and saves significant time and energy, resources and reduces risk substantially.

Many currently in senior NCO positions at battery and battalion, spent their formative years in the COIN environment where we had the protection of the 'golden hour' MEDEVAC; the DAE will not be as forgiving. Again, you must plan and consistently train casualty care/evacuation to be as self-sufficient as possible. Rotations at the CTCs demonstrate this is clearly not a thought out process at the Battery level, as most units lose Soldiers from point of injury (POI) to Role 1 due to lack of rehearsals or a dedicated area for wounded to be collected. You have to have a plan with assigned responsibilities, everybody needs to know the plan and their responsibilities, and you must rehearse the plan every time you occupy new terrain. Establish roles and enforce execution during every FTX. Your medics must establish a Casualty Collection Point (use the DIME method) in each position, complete with signs and markings (have them make a kit and keep it stocked), once established they should inform everyone in the position where it is. Each section should walk the terrain from their position to the CCP at some time, both day and night to identify hazards and ensure they can get there. All Soldiers can perform first aid (remind your Soldiers of this) but you should have at least one CLS/TC3 trained Soldier in each section with a bag. Get a litter (SKEDCO or standard) for every section - the CLS bag and the litter should be in the same location in every like-type vehicle so everyone knows where they are. Identify and train litter teams in each section in advance (primary and alternates - don't make your CLS folks litter bearers!) Identify non-standard CASEVAC vehicles and be sure they have every piece of equipment they need to be used as a CASEVAC vehicle (troop straps, tie -downs, tarps), they need to be ready to load on a moment's notice (empty). Do Soldiers know how to load casualties (litter or ambulatory) in each type of vehicle? Rehearse it in the motor pool during Command

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Maintenance days, do it in the field during CASEVAC rehearsals; key word is do it, repeatedly. Establish a succession of responsibility for leading CASEVAC for example First Sergeant; if not available 1st PSG; then 2nd PSG; then 1st Gunny; then 2nd Gunny. Important everyone knows who will be responsible, who takes charge when and just as important do they all know the plan? Where are the ambulance exchange points (AXP), Role 1 and Role 2? What other units are adjacent and where is their Role 1 located? Don't need to drive ten kilometers to your Role 1 if there's an adjacent unit Role 1 two kilometers away. Everyone in the succession of responsibility needs to know locations, so if they must lead the CASEVAC, they get there sooner. Just as sections should walk the terrain to the position CCP, these folks should conduct recons to the AXP, Role 1 and Role 2 if time permits, or at the very least a collective map recon. Who is collecting casualty data, who do they give it to and did it get sent/was it received (look back to accurate reporting). All this should be common practice every time an element of your battery goes to the field so it becomes 'the way we always do it.' Think you don't have the time? How much time would you like to spend explaining to a family why their Soldier died of wounds when we could have saved them?

#### Maintenance

We have to reestablish the culture of 'my gun, my responsibility.' Too often, NCOs aren't getting their hands dirty on maintenance and consistent upkeep of the equipment they are responsible for. They must understand they must do everything possible to keep their gun/launcher/equipment in the fight. This culture change starts with Command Maintenance. Just like everyone should be doing PT during PT hours, everyone (including the First Sergeant) should be in the motor pool all day during command maintenance – if you ain't there, who's enforcing everyone else is present? If good maintenance isn't being done in garrison, it won't get done in the field. We can't let leaders off the hook with 'I put it on the 5988E,' or let them go home when they have parts they can hang. Effective Field Artillery units have the same sense of urgency on maintenance as they do during fire missions – it's

THAT important. What are your subordinate leaders checking on? How many of your Soldiers are unable to troubleshoot basic issues? Lack of lubricant and -10s only compound the issue. Do your Soldiers have what they need to do basic maintenance/lube, not just in the motor pool but in the field, daily? Are they doing proper daily maintenance in the field? When breeches don't close... no boom, when commo fails because it is dirty, no boom... seems like such basic things but the First Sergeant's personal, consistent involvement can easily fix it. I learned as a Private to do those things I knew my Chief was going to check – if no one is checking, it probably isn't getting done. Lack of leaders checking, results in failure. We cannot afford to fail and keep ourselves out of the fight.

I'm sure every CSM who's been to a CTC LTP before their rotation has heard much of what I have discussed here. Yet I, and others, have still seen unit after unit struggle with these during the bloodless training rotations, mainly because leaders get overcome by events. I offer this article as a way for you to incorporate these techniques in your everyday training, so it becomes instinctive among your formations and it doesn't have to be something you need to work on, but something your unit does routinely. Repetition builds muscle memory and when the situation gets tough, Soldiers and the unit will perform as they've been trained because it's ingrained. They're not going to figure it out under duress at the training center, or under fire in combat, but if they've done it enough times in training, familiarity will kick in and they can adapt what they know to the varying conditions. Training should be bloodless, large scale combat operations will not be. Being in combat does not make the unit successful in a combat situation; the training you do before does... make it good and make it count.

King of Battle!

CSM Berk Parsons





## **AMTC Operational Fires Way-Ahead**

The 2018 Fires Conference hosted by FCoE presented a unique opportunity for the Director of the Army Multi-Domain Targeting Center (AMTC) COL Yi Se Gwon to brief the AMTC Operational Fires Way-Ahead. During the briefing, COL Gwon explained to the group of senior Field Artillery leaders the criticality and importance of how the Joint Targeting Process enables Commanders to access Cross-Domain capabilities in support of Multi-Domain Operations.

The briefing examined how the Army is going to provide training and certifications for operational command posts to add and edit targets in the Modernized Integrated Data Base (MIDB) used by the Department of Defense for Target Development and Joint Targeting. Army Service Component Commands (ASCCs) and Corps Headquarters will then be able to develop Brigade Combat Team and Division tactical targets to compete for joint cross-domain assets. COL Gwon explained how the AMTC is in the process of standing up the joint accredited schools to qualify Army staffs and certify target work centers. This will greatly reduce the Army's dependence on sister service targeting cells and accelerate the Army's ability to conduct lethal and non-lethal Joint Targeting in a Multi-Domain environment.

The current Joint Operational Fires and Effects Course (JOFEC) will continue to be used to train leaders and staffs on how to leverage the existing Weaponeering, Collateral Damage Estimation (CDE) and Target Mensuration Only (TMO) Courses, while incorporating trained and certified Joint Intermediate Target Development (JITD) and Target Material Production (TMP) course graduates to execute Cross-Domain Maneuver and Fires. Recently, the AMTC received partial funding from FCoE to start developing and implementing the JITD and Target Material Production (TMP) courses, which will be Operational Fires focused. The AMTC's goal is to start these two courses in Sep '18 and Jan '19 respectively.

The Army Multi-Domain Targeting Center remains committed toward executing cross-domain, cross-warfighting function, targeting DOTMLPF-P proponency responsibilities, represent the Army at joint and multinational targeting forums, and provide the operational force with federated target development reach back capabilities. The beginning of FY19 looks exciting with the start of the pilot courses for Joint Intermediate Target Development and Target Material Production and certainly represents a new chapter in Army targeting capability to successfully conduct Joint Targeting to enable Multi-Domain Operations.

Editor's Note: Information provided by COL Yi Se Gwon



# Integration of Army National Guard Fires across the Fires Enterprise

During the recent Fires Conference, BG Russell Johnson, Deputy Commanding General, Army National Guard (ARNG) for Field Artillery at the Fires Center of Excellence, briefed integration of Army National Guard Fires across the Fires Enterprise. BG Johnson began by highlighting the three primary ARNG Fires

guiding principles of concurrent fielding, total Army solution (integration), and identical structure (Modified Tables of Organization & Equipment).

Complimenting these guiding principles is the recent adoption of ARNG 4.0 – the Army National

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Guard's evolutionary response to an uncertain, changing global environment. ARNG 4.0 prioritizes the increase of combat readiness through well-equipped, well-maintained and well-trained personnel and units. Designed to strengthen the role of the ARNG within the U.S. Army, ARNG 4.0 enhances current force structure, increases enabler capacity and invests in future combat capabilities by increasing training operations tempo for select ARNG units beyond the traditional one weekend per month and two week annual training period. ARNG 4.0 drives select units to increase and maintain the highest levels of personnel and training readiness, in addition to other collective training opportunities such as Combat Training Center rotations.

BG Johnson presented the recently adopted 4-year Sustainable Readiness Model (SRM) for the eight ARNG Field Artillery Brigades and associated downtrace units, highlighting the training relationships with the eight ARNG Divisional Headquarters and select active component Divisions. This comprehensive 4-year SRM drives training prioritization, resourcing decisions, and synchronization of deployment / modernization initiatives across the Fires formations of the ARNG.

ARNG Institutional training remains a hallmark of our Fires Integration efforts across the Fires enterprise. Our eight Fires-aligned TRADOC accredited Regional Training Institutes continue to train nearly all 13 series career management field courses along with select Additional Skill Identifier courses such as the Joint Fires Observer and specialized maintainer courses.

BG Johnson concluded by explaining the growing integration of ARNG Fires into annual multinational exercises and global operational force deployments. These deployments range in scope from Battery through Field Artillery Brigade level and actively support the Army's Total Force concept.

It's an incredibly exciting time to be a Redleg in today's Army National Guard! These proud warriors are committed to contributing to the many successes enjoyed by the Field Artillery branch worldwide – and to furthering their professional development and experience base in this ever-changing environment.

Editor's Note: Information provided by BG Russ Johnson







Congratulations to C Battery 1st Battalion, 320th Field Artillery Regiment (101st Airborne Division, Fort Campbell) for being awarded the 2017 Field Artillery Henry A. Knox Award. The United States Army Field Artillery School would also like to thank the unit leaders who took the opportunity to highlight their Soldiers and units to show how they lead the way within our branch.

## KNOX 2017

The 2017 Field Artillery Henry A. Knox Award has been awarded to: C Battery 1st Battalion, 320th Field Artillery Regiment (101st Airborne Division, Fort Campbell).

This award recognizes the outstanding active duty Army Field Artillery Battery of the Year for superb mission accomplishment and overall unit excellence.

During their deployment during Operation Inherent Resolve (OIR), C BTRY 1st BN, 320th Field Artillery Regiment (101st Airborne Division, Fort Campbell) massed 2,079 rounds against enemy forces in Mosul and Northern Iraq. In addition to their critical support during OIR, during that same deployment, Charlie Battery impressively earned the coveted "Gold Air Assault streamer" for achieving higher than a ninety percent Air Assault qualification rate. Upon returning from their deployment, C Battery quickly reset and initiated an intensive training regimen driven

by the lessons learned from their previous deployment. Beginning in May and ending in September 2017, the battery conducted two platoon Air Assault Artillery Raids, one Battery Air Assault infiltration operation, Table VI through XV certifications, a Battery FTX, and a Battery Artillery Readiness Test (BART) that was conducted concurrently with an Emergency Deployment Readiness Evaluation (EDRE).

In keeping with the Battery's high level of excellence and commitment to the mission, SSG Nicholas Davis stands out as an individual whom embodies this Battery's call to community service. SSG Davis received the Soldier's Medal after he saved the lives of two civilians, with no regard for his own well-being. C Battery stands out as a testament to its high level of dedication to mission, high standards, and adherence to the Army Values.

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The Knox Award is named after the first Chief of Artillery and first Secretary of War, Major General Henry A. Knox. Originally called the Knox Trophy and Medal, the award was established in 1924 in order to recognize the best Field Artillery Battery and best

Enlisted Soldier. The award was lost during World War II, but reinstated in 2002 for Active Duty FA units, with the individual Soldier award being replaced with the Gruber Award.

## HAMILTON 2017

The winner of the 2017 Field Artillery Alexander Hamilton Award has been awarded to: A Battery, 1st Battalion, 129th, Field Artillery Regiment (Missouri Army National Guard).

This award recognizes the outstanding U.S. Army National Guard Field Artillery Battery of the Year for superb mission accomplishment and overall unit excellence.

2017 was an outstanding year for A Battery, 1-129th FAR. The unit's excellence in all duties exemplify the outstanding traits and characteristics for which Alexander Hamilton stood. A Battery was awarded the Battalion's coveted "Thunder-Stick" award for demonstrating superiority in all objectives and outperforming all other units in the 1-129th FAR.

A Battery continuously met and exceeded the demands of its higher headquarters by completing all mandatory tasks, online training requirements, annual briefs, Warrior Tasks and Battle Drills in addition to Howitzer section and crew training. When A Battery is not putting steel on target in the field, it is accomplishing assigned missions at home station during individual duty training (IDT) weekends. Preparation and robust training is the unit's focus during IDT weekends, which drives excellence and high levels of morale and retention. The unit excelled in all Organizational Inspections, including a Commendable rating on its S1 Combined Staff Inspection (CSI) and a Satisfactory rating on the Training Management inspection.

A Battery is an organization that is extremely proud, motivated, and determined to face any challenge and to produce remarkable results. The Soldiers of Battery A live up to the Battalion motto of "Send Your Mission."

The Hamilton Award is named after the First Secretary of the Treasury and Continental Army Artilleryman, Alexander Hamilton.

## GRUBER 2017

The winner of the 2017 Field Artillery Edmund L. Gruber Award is: SFC Jaime M. Castro, assigned to the 5th Battlefield Coordination Detachment, USARPAC.

This award recognizes an outstanding Field Artillery Soldier for superb individual thought, innovation and overall excellence that results in significant contributions to or the enhancement of the Field Artillery's warfighting capabilities.

SFC Castro's performance as the Senior Fire Control NCO for the 5th Battlefield Coordination Detachment (BCD) during FY17 has been nothing short of exceptional. Through his own initiative, he worked directly with Advanced Field Artillery Tactical Data System (AFATDS) Field Support Representatives (FSRs) to improve the functionality and capability of the AFATDS software that will be incorporated in future versions. His progress and abilities to work through current technological deficiencies has been noticed, highlighted and his implementations have been provided to the Fires Center of Excellence (FCoE), the FSRs, and AFATDS software designers, to ensure the progressive efficiency of the Field Artillery's force operating equipment.

Considering his understanding and expertise within the realm of the Field Artillery and its applica-

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tion, SFC Castro has a truly advanced understanding of his craft and has worked at great lengths to make our "inter-service" cooperation more efficient.

SFC Castro's efforts to integrate the Army and Air Force mission command systems on Global Command and Control System-Joint (GCCS-J) ensured that the Joint Forces Land Component Commander (JFLCC) was able to transmit their requirements to the Joint Forces Air Component Commander (JFACC) and ensure targets were collaboratively and holistically serviced, regardless of domain or lethal/nonlethal effects.

The Gruber Award is named after a noted Field Artillery Officer, who as a First Lieutenant in 1908 composed the "Caisson Song" which was later adapted to the "Army Song" in 1952, Brigadier General Edmund L. Gruber. The award was established in 2002, but was originally part of the Henry A. Knox Award from 1924.



#### **CFTS** ... Continued from Page 4

Wally Rugen, will be based at Redstone Arsenal, AL, home to the Aviation and Missile Research, Development and Engineering Center.

The Network CFT, headed by Maj. Gen. Pete Gallagher, will be located at Aberdeen Proving Ground, MD.

The Assured Position, Navigation and Timing CFT will be based at Redstone Arsenal. The team has been led by Willie Nelson, a member of the Senior Executive Service, since the Feb. 28 departure of its initial director, Kevin Coggins.

The Air and Missile Defense CFT, led by Brig. Gen. Randall McIntire, will be located at Ft. Sill.

The Soldier Lethality CFT will be based at Ft. Benning, GA. The CFT is led by Brig. Gen. C.D. Donahue, who is also commandant of the infantry school at Ft. Benning. Donahue is set to become deputy director for special operations and counterterrorism

(J-3) on the Joint Staff, and will be succeeded in both his current roles by Brig. Gen. David Hodne, deputy commanding general (maneuver) of the 4th Infantry Division at Ft. Carson, CO.

The Synthetic Training Environment CFT, led by Maj. Gen. Maria Gervais, will be based in Orlando, FL, home to the program executive office for simulation, training and instrumentation.

Ultimately, the commander of Army Futures Command, to whom the CFTs will report, will have the discretion to alter the headquarters locations when the command reaches full operational capability in summer 2019. Senior leaders are in the process of determining a location for the new four-star command headquarters.



