

THE DESERT STAR

Tooele welcomes Golden Cargo 2011 Exercise

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ALWAYS AT THE READY

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Commander's Corner

Time to say farewell...

By Col. Yolanda C. Dennis-Lowman
Tooele Army Depot commander

It's hard to believe that my three years at Tooele Army Depot have come to an end. This is truly a bitter sweet moment for me. I arrived in July 2008 not knowing what to expect from the workforce or the community. I only knew that I had an obligation to do as I've done in my previous 17 assignments...my best.

I want to thank each of you for the support that you've provided me over the three years. The decisions weren't always easy, but they were always made with one thought in mind, "what's right for Tooele Army Depot."

Working as one Team, focused on "what's right for Tooele Army Depot," we achieved significant milestones. In many instances, we gained recognition at the highest levels of the Army and DoD. However, the journey to excellence has only begun. I challenge each of you to continue this trend.

Never be satisfied with "good enough". Always strive to be the best.

As I depart, I take with me many fond memories. Words cannot describe the admiration and respect that I have for Tooele Army Depot, the people and the brand.

Barry, Kourtney and I say, "thank you" and we wish you well.

"Tooele Army Depot, Always at the Ready"



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Employee highlights....

By Kathy Anderson
Tooele Army Depot Public Affairs

Donald G. Fanning began his federal career at Tooele Army Depot in 1979. Thirty-one years later he was promoted to the Director of one of the depot's main mission areas, Ammunition Equipment and Manufacturing (AEMD).

Don was born in Grand Forks, North Dakota, on June 8, 1957. He attended the University of North Dakota and graduated in 1979 with a Bachelor of Science Degree in Electrical Engineering.

As he ventured west to Utah, he was hired on at Tooele Army Depot as an Electrical Engineer. He met his wife, Lori, in 1982 and then married in 1984.

On Don's spare time, he enjoys snow skiing, fishing, photography and University of North Dakota hockey.

"Working in AEMD has been a good choice for me as the variety of work has always provided new challenges and opportunities for learning. The application of the equipment designed and produced by the organization has always surprised me," Fanning said.

In 2011, Don was nominated to attend the Depot and Arsenal Executive Leadership Program (DAELP). DAELP graduated its eighth class of graduates on May 19, 2011, which Don was among the 24 graduates, at the Kenan Institute, on the University of North Carolina Campus in Chapel Hill, N.C.

DAELP is an executive development program for commanders and senior civilian leaders primarily serving within the United States Army's depot and arsenal facilities, and also private sector executives. It consists of three weeks of in-residence academic instruction at the University of North Car



Don Fanning, Director of Ammunition Equipment and Manufacturing, Tooele Army Depot, Tooele, Utah. (US Army Photo by Kathy Anderson)

olina's Center for leadership development; a one-week series of benchmarking site visits and a value stream mapping exercise at joint military service depot and arsenal facilities as well as leading corporations; an online Lean Six Sigma Champion certification offered in partnership with North Carolina State University; and an extensive residency with leading private and public sector organizations.

His partnership with industry was with Alcoa Defense and ITT.

Don is the fourth depot leader to graduate from this extensive leadership training.

"DAELP provided me with a tremendous opportunity to learn from leaders in industry and academia as well as to interact with military and civilian leaders in AMC," Fanning said.

Don provides excellent leadership, takes great pride in the equipment AEMD manufactures, and has a positive attitude about the future of the depot.

COVER PHOTO: Tooele Army Depot hosts Golden Cargo Exercise 2011. Transportation Reservists are preparing military trucks with conventional ammunition shipment to Hawthorne Army Depot, Nev. (U.S. Army Photo by Kathy Anderson)

Reservists train at Tooele Army Depot in Golden Cargo Exercise

By Kathy Anderson
Tooele Army Depot Public Affairs

Reservists from various states in the Midwest arrived at Tooele Army Depot in June for their annual conventional ammunition, Golden Cargo exercise sponsored by the U.S. Army Joint Munitions Command.

Golden Cargo is a national military exercise which trains Army Reserves, Army National Guard and active Army Combat Service Support (ACSS) personnel in ammunition transportation.

Reservists were stationed at Tooele Army Depot for two weeks, which started June 25. They were here for hands-on training to prepare many of them for real world future deployments.

Operation “Golden Cargo,” provided approximately 120 soldiers the opportunity to learn how to load and transport conventional ammunition in a convoy structure to Hawthorne, Nev.

“Golden Cargo gives us the opportunity to take all the things we learn and put it to work,” said Lt. Col. John Hahn, taskforce commander, 457th Transportation Company Battalion, Fort Snelling, Minn.

For the two weeks the soldiers were stationed at the depot, they stayed in the depot’s three remaining World War II military barracks.

“For a lot of the soldiers, this was their first time out



Military Palletized Load System (PLS) loads container ready to transport to Hawthorne, Nev. (U.S. Army Photo by CPT Adam Jackson)



Darren Mansanarez and Matt Kinder, Tooele Army Depot, Ammunition Operations, prepare ammunition for Golden Cargo Exercise shipment to Hawthorne, Nev., June 18. (U.S. Army Photo by Kathy Anderson)

west,” Hahn said. From a flat landscape to a mountain area, the soldiers adjusted to various situations; elevation, weather and long distance driving conditions.

The mission of this year’s Golden Cargo was to convoy 86 containers, using military vehicles. Approximately 1,015 tons of conventional ammunition were moved from Tooele Army Depot, Utah, to Hawthorne, Nev.

“Some soldiers were not very familiar with the new 14-ton Line Haul Tractor trucks or have never driven these trucks used for the convoy and the geographic conditions in this exercise,” Hahn said.

The response from the soldiers regarding the new military trucks was very positive.

The military convoy of 15 trucks traveled on an average of 55 miles per hour, 503 miles per day.

“There is no better place for the soldiers to get real-world mission training and they got to work alongside civilian employees who have already been trained and

Safety and Security Stand Down Day is time to re-focus

By Kathy Anderson

Tooele Army Depot Public Affairs

Few take the opportunity to stop, re-focus and re-emphasize the importance of safety and security in their day-to-day lives.

Tooele Army Depot did just that. As an annual event, on June 2, the entire workforce stood down to focus on the importance of safety and security, not just at their worksite but in their homes as well.

This designated day was an opportunity for all those associated with the depot to center their attention on the importance of safety and security procedures.

Col. Yolanda Dennis-Lowman, Tooele Army Depot commander, kicked off the events with a Workforce Address, highlighting “A Year in Review;” such as: accomplishments, recognition of organizations that have done a great job, depot challenges and acknowledgement of two depot employees that passed away this year.

“I have great confidence in the men and women who complete dangerous jobs at the depot every day. With our type of work, safety has to be in the forefront of everyone’s mind, one hundred percent of the time,” said Col. Dennis-Lowman. “This safety and security stand down day will allow each and every person across the depot the opportunity to re-emphasize the importance of safety and security and how critical it is to our mission.”

As Col. Dennis-Lowman continued with her presentation, she reiterated to approximately 500 depot employees that every job on depot is important. “We could not have supported the Warfighter without each of you doing your part,” she said.

Following was Tony Wilde, from the State of Utah, Department of Public Safety, Emergency Preparedness Division. “Earthquakes across various countries around the world have caused nearly 227,000 deaths in 2010; more than 80 percent of Utah’s population is located in areas subject to large earthquakes,” Wilde said.

Wilde stressed the need for a workplace and family emergency preparedness plan. “Utah has experi-



Entire depot workforce stands down for one entire day to focus on the importance of safety and security in their worksite. (U.S. Army Photo by Kathy Anderson)

enced damaging earthquakes in the past and geologic evidence indicates that earthquakes larger than any experienced locally in historical times are likely in the future,” he said.

Remaining presentations given to the workforce were: Cardiovascular Health; when and how to use the Automated External Defibrillators (AED); “Active Shooter” - what to do if a shooter is in your building.

With the incident at Fort Hood in Nov. 2009, the Army conducted a review of programs, policies, and procedures for evaluating the effectiveness of current counterintelligence and security support to force protection. The review determined that the Subversion and Espionage Direct Against the U.S. Army (SAEDA) program was based on the counter intelligence focus during the Cold War. Based on their findings, the Army developed a new program, Threat Awareness and Reporting Program (TARP). Doug Highfield, 902nd Military Intelligence, Denver, Colo., presented the new program to the TEAD workforce.

Finishing the day with, Col. Jeffery Short, commander, 115th Medical Liaison, spoke about the trials and tribulations his group went through to set up a Combat Support Hospital in Iraq.

Col. Short is an emergency physician and flight

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TEAD accomplishes Turbo CADS

By Kathy Anderson
Tooele Army Depot Public Affairs

Shipping operations may not be as exciting as detonating out dated munitions in the sand pits, but keeping Soldiers supplied with the right ammunition is more important to the overall success of the mission.

In April 2011, Tooele Army Depot's ammunition team safely and efficiently accomplished their mission during the annual Turbo Containerized Ammunition Distribution System (CADS), ammunition shipment exercise. They moved approximately 70 20-foot shipping containers of ammunition to Indian Island, Wash., by commercial rail.

The Turbo CADS exercises have been planned and executed since the early 1990's. The exercise is funded by the Joint Staff and sponsored by U.S. Transportation Command (USTRANSCOM). Joint Munitions Command is a supporting command for the exercise and the Logistics Integration Transportation Office has the lead for the program. The exercise scenario tests all facets of the Containerized Ammunition Distribution System, to include; the container ordering process, documentation of munition commodities, in-transit visibility, commercial motor and rail support, port operations, and distribution of assets in country.

The exercise focuses on a different OCONUS (Outside of the Continental United States) command each year and helps to validate their Operational Plans (OPLANS), by moving needed assets in support of troop training,

stockage levels and/or contingencies.

TEAD's participation in this year's exercise was to receive the required shipping containers, load with requested ammunition, block and brace each container in accordance with approved drawings and ship to Port Hadlock by or ahead of the required delivery date.

This exercise was invaluable in that it served as a great prep for the upcoming Golden Cargo, said William Smith, Chief, Logistics Support Maintenance and Demil Division.

TEAD's ammunition operations employees will participate in this year's Golden Cargo exercise which supports Turbo CADS 2011. Golden Cargo will use US Army Reserve soldiers to move loaded Turbo CADS containers from the railhead in Bangor, Wash., using military transportation assets to the Port of Indian Island, Wash., where the containers will be loaded on to ocean vessels.



Randy Callicoat and Jarrod Thorsted, Ammunition Operations, Tooele Army Depot, building gates for the shipping containers to block and brace the ammunition for shipment. (US Army photo by Kathy Anderson)

TEAD ramps up to support Navy Missile Program

By Patrick F. McGarry, Navy Air Systems Command
Kathy Anderson, Tooele Army Depot Public Affairs

Members of the Rolling Airframe Missile (RAM) Program were on hand at Tooele Army Depot (TEAD) recently to conduct a site visit that included review of products and services provided by TEAD to the U.S. Navy.

The RAM Program is a bilateral venture between the United States and Germany to provide ships in both Navies with self defense capability as well as the Navies of five other countries including Greece, Egypt, Korea, Turkey, and the United Arab Emirates. This has been a joint effort with the U.S. Navy and our German partners to develop an organic capability to reconfigure Tactical Missiles to Telemeter Missiles used to flight test fielded weapons in order to evaluate reliability and performance of the In-Service inventory.

“We were very happy to help our U.S. Navy partners develop a capability that provides mutually beneficial data for our Navies,” said Klaus Wuennenberg, the German RAM Government representative from BWB in Koblenz, Germany.

The partnership between TEAD and RAM began in 2003 when TEAD was selected to provide long term storage for RAM Guided Missile Round Packs (GMRPs) while they awaited scheduled maintenance to recertify them for redeployment to the U.S. Navy. Following initial visits and discussions with TEAD on capabilities that TEAD could provide, the RAM Technical Project Office under the direction of the RAM Program Office within the U.S. Navy’s Program Executive Office for Integrated Weapon Systems (PEO IWS), initiated several tasks with TEAD.

During this visit, members of the RAM Program Office, the RAM Technical Project Office (TPO) from Naval Air Warfare Center and representatives from the German government and industry reviewed recent products and services provided by TEAD including: MK44/MK47 GMRP canister corrosion repair;



TJ Robinson and Sherry Robinson, Ammunition Operations, Tooele Army Depot, teams up with the Navy in support of the Tactical Missile program. (US Army photo by Kathy Anderson)

GMRP Missile Handling Trainer production; MK749 GMRP shipping container repair and refurbishment; MK782 RAM loader platform and container repair and refurbishment; and the latest development, MK44/ MK47 GMRP disassembly and reassembly.

TEAD provides key support for both the launching system hardware as well as the GMRP. “I’m impressed with the management team and knowledgeable maintenance technicians and appreciate having alternate cost effective capabilities to support our Weapon System in the joint services environment in which we operate. We are pleased with the products and services TEAD has provided the RAM Program and look forward to our future working relationship.” stated Steve Dunn, RAM Production Director, PEO IWS RAM Program Office.

“The quality, timeliness and affordable product deliveries provided by TEAD fostered a great working relationship between TEAD and RAM that provided the foundation for developing fur-

International group of experts visits depot test site

By Kathy Anderson

Tooele Army Depot Public Affairs Officer

Tooele Army Depot's ammunition test site opened its doors and welcomed the International Group of Experts on the Explosion Risks of Unstable Substances (IGUS) on 6 May.

This prestigious group's visit to the depot is the first time they have met in the United States since 1997. Countries that have hosted this working group in the past include: Russia, The Netherlands, Germany, Sweden, Norway, France and United Kingdom, just to name a few.

Ammunition Equipment and Manufacturing Directorate at TEAD, in conjunction with the partnership with Safety Management Services, Inc., show cased the depot's ammunition testing facility for approximately 55 scientists from the United States and several foreign countries. This group of scientists is involved in the development and maintenance of the United Nations Test Manual for Explosives. Members of IGUS are working for governments and independent research organizations.

IGUS brings together from all over the world independent experts on the risks of dangerous substances. The aim of IGUS is to exchange information on the behavior of unstable substances, with respect to production, handling, storage and transport. Aspects studied are, for instance, explosive properties, thermal stability, flammability and reactivity. IGUS works in support of the international bodies dealing with dangerous goods regulations.

Both TEAD and SMS representatives gave technical presentations and demonstrations on their capabilities.

The IGUS members were very engaged through out the tour and expressed gratitude for the tour and



IGUS/CIE Tour of TEAD's ammunition test site during 6 May international convention. (US Army photo by Kathy Anderson)

the technical exchange it provided. A representative of the German National Laboratory, commented on how the layout of the TEAD's test site and how the associated capabilities are nearly identical to their facility in Germany.

"I am confident that our success at this event will result in increased technical interaction with our international peers, increased reputation, nationally and internationally and increased business opportunities. the TEAD/SMS Partnership is a great model for what can be achieved when complimentary capabilities are combined and a common focus is shared," said "Robert T. Ford, President, Safety Management Services, Inc.

"The tour of the test site could not have gone any better. There was good interaction between the staff of TEAD, SMS and all of the international visitors," said Roger Hale, Equipment Specialist, Tooele Army Depot.

As new technologies emerge, the need will continue for technical discussions and exchange to underpin international agreements as well as the safeguard of society through the sharing of knowledge about hazards.

Guards take first annual physical fitness test

By Ely Trapp

Tooele Army Depot Public Affairs Office

On the morning of May 25, a group of Tooele Army Depot's security guards were gathered around the training officer, Charles Hinson, as he read to them the standards for taking the new Physical Ability Test (PAT) in accordance with Army Regulation 190-56, which outlines the guidelines of the Army Civilian Police and Security Guard Program.

The new regulation, which was released in late 2010, challenged TEAD's entire civilian security force to meet specific physical fitness standards, something that had not been part of the previous version of the regulation.

"It seems like they have changed (the physical fitness requirements) with each revision of the regulation," said Ryan Welch, Law Enforcement and Security Division chief. "This one seems to have taken into account the broad level of officer fitness we have as well as our mission."

The new regulation requires security guards to successfully complete a PAT which consists of a minimum of 19 push-ups within two minutes and a mile and a half run in less than 17 minutes and 30 seconds. Unlike the Army Physical Fitness Test (APFT), these standards do not vary depending on the guards' age, which in TEAD's case can range from early twenties to mid-sixties. "If you compare it to the Army Physical Fitness Test (APFT), our officers are required to perform at the same level as a 62 year-old Soldier, which is more than fair," Welch said.

The TEAD security force is comprised of predominately military veterans and a few who still serve in the National Guard, Army Reserves and the Air Force Reserve. Officer Charley Harvey has been a security guard for the government



Captain Jesse Moreno, left, counts Officer William Meyer's push-ups during his Physical Ability Test (PAT) on May 25. PATs have been implemented at TEAD in accordance with Army Regulation 190-56. (Photo by Ely Trapp)

for more than eight years and is currently a non-commissioned officer in the Utah National Guard. For him the implementation of the new PAT was not a big deal; he already has to take two physical fitness tests a year for his National Guard unit, the new regulation only adds one more.

"I've been doing this job for a long time," Harvey said. "With or without a (physical fitness test) people have been doing their job and doing it well. But if the Army says we have to take one, then we have to take one."

Welch points out that the PAT is a rather beneficial addition to the regulation.

"For the individual there's the fitness fact," he said. "Some officers had a rude awakening and realized that they needed to get in shape, quit smoking, lose weight and make physical fitness a part of their life ... For the organization, I believe it will bring us closer together as a cohesive team that helps (one another to meet their goals). And finally for the depot, it allows them to have a more robust, fit and alert force that they will have to count on in the event of an incident, accident or emergency; hopefully they already felt that way, but now it is even more of a reality."

Reservists train at Tooele Army Depot in Golden Cargo

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have been doing this mission for over 50 years,” said William Smith, Chief Logistics Support Maintenance and Demil Division, Tooele Army Depot.

Since 1991, Golden Cargo participants have safely trucked over 275,000 tons of conventional ammunition and traveled over 18-million miles on public highways.



Safety and Security Stand Down is time to re-focus

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surgeon in the U.S. Army. He has served in many clinical, administrative and operational positions, a significant portion in support of Special Operations missions. He has been the Chief Medical Officer of a hospital and commanded a Combat Support Hospital for 12 months in Iraq.

The day also required all employees to accomplish three mandatory training requirements; Resiliency, Safe Start™ and Explosive Safety.

TEAD's goal is to promote a safe and healthy work environment for all employees by setting and enforcing standards, and providing training and education.



David Chhoun, Information Management Office, rides the seat belt convincer that was provided by the Utah Highway Patrol. (US Photo by Kathy Anderson)

Farewell Message from Secretary Gates

THE PENTAGON, Washington, D.C. -- Farewell Message from Secretary Gates.

As Delivered by Secretary of Defense Robert M. Gates, The Pentagon, June 29, 2011

To the Men and Women of the United States Armed Forces: Tomorrow, 30 June 2011, I will retire as Secretary of Defense. It has been the greatest honor of my life to serve and to lead you for the past four and a half years. All of that time we have been engaged in two wars and countless other operations.

It has been a difficult time for you and for your families, from long and repeated deployments for those in all four services – and the associated long separations from loved ones – to the anguish of those of you who have lost friends and family in combat or those of you who have suffered visible and invisible wounds of war yourselves. But your dedication, courage and skill have kept America safe even while bringing the war in Iraq to a successful conclusion and, I believe, at last turning the tide in Afghanistan. Your countrymen owe you their freedom and their security. They sleep safely at night and pursue their dreams during the day because you stand the watch and protect them.

For four and a half years, I have signed the orders deploying you, all too often into harm's way. This has weighed on me every day. I have known about and felt your hardship, your difficulties, your sacrifice more than you can possibly imagine. I



Robert M. Gates, Secretary of Defense, farewell message given on Wednesday, June 29, 2011.

have felt personally responsible for each of you, and so I have tried to do all I could to provide whatever was needed so you could complete your missions successfully and come home safely – and, if hurt, get the fastest and best care in the world.

You are the best that America has to offer. My admiration and affection for you is without limit, and I will think about you and your families and pray for you every day for the rest of my life.

God bless you.

TEADS ramps up to support Navy Missile Program

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ther capabilities at TEAD for the RAM Program,” stated Patrick McGarry, the Surface Weapons In-Service Engineering Agent from the Naval Air Warfare Center Weapons Division, China Lake, Calif.

“The RAM Technical Project Office has supported TEAD's efforts with oversight and guidance to en-

sure we are successful in this endeavor. This work relationship reflects the essence of a solid partnership with a positive future. I am very proud of the level of commitment and focus demonstrated by our employees on this project,” said Keith Siniscalchi, Director of Ammunition Operations, TEAD.

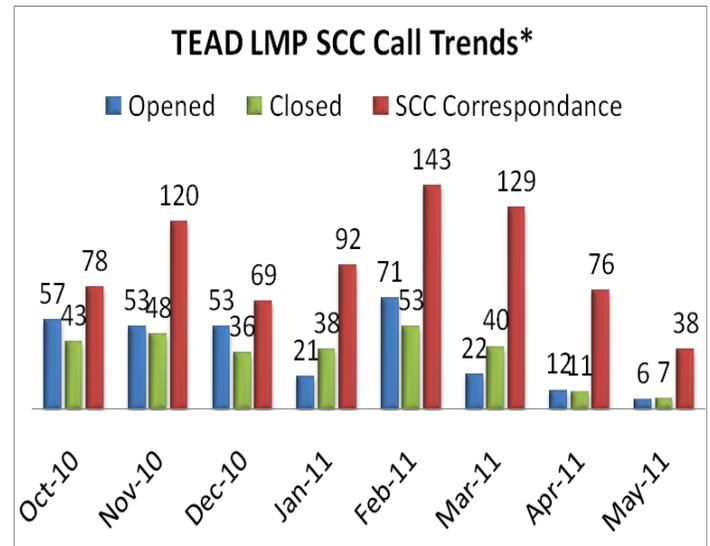
Keeping Score and Visual management in the workplace

By Ron Snyder
Continuous Improvement Office



Imagine going to a baseball game in which no one kept score. Teams just played nine innings and went home. I don't think too many of us would be interested in playing just to watch the process of baseball. We want to know what the outcome was and if our team won or lost. Now take that concept to the work place. We all are working to produce something. Ammo shipped and received, documents processed, work orders completed, processes improved, contracts let, lots inspected, personnel hired. But how are we doing? Are we winning? Are we making our goals? Do we know if we even have goals?

Here is a simple test. Walk into your building or work area and see if you can visually determine what type of work is being performed and what the results are. If you can't, you are playing the equivalent of a ball game without knowing the score. Bottom line, I think we all want to know how we are doing and the affect our work has on the depot. To do this, the Continuous Improvement Office will be working with Directorate Lean Teams over the next several months to develop Visual Management Productivity Scorecards for their work areas and showcase these scorecards on Visual Management Boards. The goals of Visual Management will be to connect people to the processes they perform, communicate successes and issues in their work area, and show goal vs. actual performances. Everyone should be able to develop key metrics based on this criterion and place the information on Visual Management Boards so that a person who has never seen it before can understand it quickly and without requiring a detailed explanation. The LMP Office recently completed a project to develop Productivity Scorecards and a Visual Management Board which tracks their output and can be seen in their foyer.



Example of a LMP Productivity Scorecard



The development of Productivity Scorecards and Visual Management Boards are part of the overall TEAD Strategic Plan with a goal of seven completed by 30 September. It will be an ongoing dynamic process and Chris Schurman, Robyn McCown, Gary Hoy and Ron Snyder, look forward to working with each organization on implementation.