

THE DESERT STAR



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ALWAYS AT THE READY

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Commander's Corner

Happy Holiday's...

By Col. Roger McCreery, Tooele Army Depot commander



As 2013 passes us by, we can reflect back on our productive and enjoyable year. Though we have had many changes this year, i.e., change of leadership, additional infrastructure from Deseret Chemical Depot, sequestration, furlough, budget cuts, even the loss of friends and co-workers; I'm confident that our organization is focused on or mission and moving forward to support the Warfighter.

I'm very proud to be your commander, and proud of each and every one of you for working safe and getting our mission accomplished, on-time and without injuries.

We finished out the year with a good stabilized rate of \$120.47. Though our rate has slightly increased from fiscal 2013, we are still doing very well maintaining our rate to remain competitive.

With your support, we will continue to pursue additional workload and partnerships, eliminate more demil tonnage, maximize the use of South Area infrastructure, and strive for a reduce injury rate.

My fiscal 2014 priorities consist of: Providing a protective environment free of sexual assault/harassment; force protection of all of you – we are engaged in an inherently dangerous business; it is paramount we execute all tasks safely; ammunition logistics support to the Joint Forces; remain resilient as we posture to be in balance and reshape, while retaining capability and capacity as we seek opportunities...exploit LMP to become more effec-

tive and efficient; and most important...taking care of the workforce and their families. There is no greater asset than our people, they deserve the very best.

We must have a command climate that fosters trust, safety, dignity, respect and team work.

This summer, the depot is planning a Ribbon Cutting Ceremony for the newly constructed Stirling Solar Array PowerDishes and we are expecting high level visitors and flag officers to help dedicate this \$10.8 million, 1.5MW project. The Depot is also striving towards additional alternative energy projects, such as; a \$3.5 million Micro Grid (stores generated power and controls power supply), to begin installation in fiscal 2014. Also, construction for an additional 1.5MW Wind Turbine will begin this summer. We are on track in becoming "Net Zero" by 2020.

Congratulations to the Ammunition Equipment team for successfully shipping out their first three truckloads of mercury containers, for Defense Logistics Agency (DLA) that will be used for long term storage of mercury at Hawthorne Army Depot, Nev.

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This issue and previous issues of The Desert Star can be viewed on the depot's intranet.

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STAFF

TEAD Commander Col. Roger McCreery

Public Affairs Officer/Editor..... Kathy Anderson

Contributors Robyn McCown

Web site www.tooele.army.mil



Commander's Corner continued...

They have also begun another new project of applying Ballistic Foam Coating material to A-10 Aircraft parts from Hill Air Force Base, Ogden, Utah. I challenge you all to keep up the great work.

Our Ammunition Operations team successfully ended the year with approximately 6,409 shipping documents processed.

Due to the hard work from everyone, the Depot ended with a \$5 million positive Net Operating Result (NOR).

In closing, I would just like to reiterate what General Dennis L. Via, Commanding General of the Headquarters Army Material Command (AMC), said during his winter town hall held in

November; "AMC will be reshaping throughout by Fiscal 2015. We all will have to work very hard – together." Also, Via stated that there will be challenging times ahead in Department of Defense, and Army leaders are doing everything they can to avoid additional furloughs. "Remain resilient."

I look forward to getting back after the holiday's and have a productive 2014.

"Peace on earth will come to stay, when we live Christmas every day."

Regards,
Colonel McCreery

Depot employees support the local Food Bank and Toys-for-Tots

Tooele and the American Federation of Government Employees (AFGE) Union partnered this year for the food drive and Toys for Tots.

On Dec. 17, Col. Roger McCreery, Depot Commander and Mike Unrein, AFGE Union President delivered approximately 300 pounds of food to Lori Cook, Director for the local Tooele Food Bank.

Also, the Ammunition Operations team collected over \$2,000 in donations to purchase toys,



clothes, and other wish list items for 373 children who were registered in the local county program this year.

A total of \$2,221.31, was collected through the Ammunitions lunch program, candy bar and cookie sale, and candy jar guessing game.

Congratulations to Misty Blickensderfer, Karma Quintana and Carol Bleazard for an outstanding job in leading this years donations. Congratulations to all!

COVER PHOTO: Tooele Army Depot, Ammunition Operations, received a 3rd stage C4 rocket motor from Camp Navajo, Arizona, for storage. (U.S. Army Photo by Kathy Andersson, Tooele Army Depot Public Affairs Officer)

Depot supports C4 rocket motor storage

By Kathy Anderson, Tooele Army Depot, Public Affairs Officer

Beginning early in fiscal 2012, Tooele Army Depot (TEAD) began providing storage and surveillance support to the Missile Defense Agency (MDA) and support contractor, Alliant Techsystems (ATK). After two successful years of receiving and storing C4 motors for MDA, the U.S. Navy's C4 program manager contacted Tooele requesting for additional storage support for Navy assets.

The Naval Surface Warfare Center, Crane (NSWC Crane) proposed that TEAD assist in storage of the first C4 third stage motor at the Depot's South Area. "With our experience in receiving and storing first stage and second stage motors for MDA we felt prepared to assist the U.S. Navy," said Jerry Romano, Chief, Shipping and Receiving Division, Tooele Army Depot. "Our motor crew consists of 10 highly trained personnel capable to ship and receive all three stages of the Navy C4 rocket."

NSWC Crane laid out its plan to deliver the motors to TEAD in a Conex type shipping container. The container is referred to as the Heated Orbus Container (HOC) and is used to transport third stage rocket motors. The HOC contains an externally mounted diesel motor that powers an environmental control unit. The diesel engine is started by an externally mounted 12 volt automotive battery. The HOC has restraint points in the floor for motor retention and contains fork pockets for loading/unloading to/from flatbed trailers.

NSWC Crane initially requested the motors to be stored in the HOC inside a facility to eliminate handling of the motors. Once TEAD/NSWC personnel received the HOC it was determined that the motors cannot be stored in the HOC inside the facility. Upon unloading from the HOC, the motor must be manually maneuvered into the storage facility in less than six minutes, or covered with a motor blanket, to avoid motor solar exposure. Navy requirements for the C4 third stage motors require the less than six minute solar exposure to eliminate any possibility of solar heating of the propellant due the translucent motor case. Environmentally controlled storage of C4 motors is required at 65 to



85 degrees Fahrenheit with humidity levels of less than 50 percent. Tooele team provides monitoring of storage conditions with alerts in the event the facility reaches out of tolerance storage conditioning.

Prior to delivery of live motors, NSWC Crane required Tooele personnel perform the operations using a Pathfinder (inert motor). This would allow both sides to evaluate the operation and come up with recommendations on any requirements to demonstrate all handling procedures. NSWC Crane provided procedures for the unloading/loading of the HOC from/to a flatbed trailer and roll transfer of the motor into/out of the HOC. TEAD personnel incorporated the procedures into their Standard Operating Procedures. The Pathfinder was a successfully conducted during early November.

TEAD is expected to receive live motors from (ATK), Magna, Utah, in the spring of 2014, once they have performed inspections and system checks. The Navy has received permission to store the third stage motors in an environmentally controlled ordnance igloo that belongs to MDA.

TEADs shipping and receiving mission will include assisting ATK shipping motors to and from their facilities and also transporting them to facilities such as Dugway Proving Grounds (DPG), Utah, for aging and surveillance testing or delivery test motors to the customer.

Depot has unique CFC fundraising efforts

By Kathy Anderson, Tooele Army Depot, Public Affairs Officer

“Make it Possible”

Tooele Army Depot (TEAD) once again participated in the annual fundraising efforts for this year’s National Combined Federal Campaign (CFC). Each year TEAD raises thousands of dollars for CFC and in order to resume this type of generosity it was encouraged that each keyworker conduct a 100 percent face-to-face contact and give them the opportunity to donate through the traditional methods of payroll deduction (on-line using MyPay or the CFC web site), credit/debit card, eCheck, cash or check. Though TEAD reached 100 percent goal early during the donation period, they continued striving for additional cash donations through some very unique fundraiser events, such as; the Employee Appreciation Day dunking booth, Turkey Clobber Globber, silent basket auction, and “Get Mugged.”

“Our workforce has been very supportive with donations,” said Debbie Hurley, TEAD’s volunteer CFC co-chairman. “This year we tried something new with the special events and I believe all were a big success, plus everyone had fun with a little competition.”

Federal employees throughout the Depot generously contributed \$25,855 to various CFC charities and of that total approximately \$4,000 in cash was received from the special events.

During the CFC donation period, the Department of

Defense employees were also adhering to the government furlough of six days and activities were suspended. The furlough placed some of the civilians and military in a hardship and were made to rethink their finances and charitable contributions, bring the yearly total down from previous years.

The CFC is the world’s largest and most successful annual workplace charity campaign, with almost 200 CFC campaigns throughout the country and overseas raising millions of dollars each year. Pledges made by federal civilians, postal and military donors during the Sept. 1 through Jan. 15 campaign season support eligible nonprofit organizations that provide health and human service benefits throughout the world.



A-10 Ballistic Foam Coating

By Kathy Anderson, Tooele Army Depot Public Affairs Officer

Earlier in fiscal 2013, Tooele Army Depot (TEAD), Ammunition Equipment Directorate, received a request from Defense Logistics Agency (DLA), Ogden, Utah, to support them with the application of foam coating (retardant spray) of approximately 1,870 pieces of ballistic foam for the A-10 Thunderbolt located at Hill Air Force Base, Ogden, Utah.

Tooele was responsible for repairing the foam pieces as necessary and applying the foam retardant coating to unique specifications. Strict production schedules was also required by the A-10 Thunderbolt.

“The team at Hill AFB has been providing updates on a project they’re working with TEAD to coat A-10 ballistic foam. I want to personally thank you and your team for the outstanding support you’ve given to both DLA and the Air Force,” said Brig. Gen. Mark

K. Johnson, Commander, DLA Aviation.

Earlier this year, the ballistic foam became a critical mission when the Air Force community removed a waiver that had allowed use of uncoated foam in maintenance. At the time of the removal, 25 thousand pieces of uncoated foam was on the shelf and there were increasing demands for coated foam.

“Your team was incredibly thorough in their approach to identify process responsibilities, evaluate paint both capacity, resolve safety concerns, identify storage space, as well as work with the Air Force Engineers to ensure they could meet technical data requirements,” said Johnson.

Foam coating is scheduled for completion in January 2014. This has been an incredibly quick turn, given the 85 different National Stock Numbers (NSN) covering 1,870 foam pieces.

Depot's First Employee - Orville M. Mooberry

Mooberry, 93, passed away December 2, 2013

By Kathy Anderson, Tooele Army Depot, Public Affairs Officer

Orville M. Mooberry, a native of Illinois, began his Civil Service career at Savanna Ordnance Depot on November 1, 1940 as a clerk-stenographer. Later, Savanna was assigned to select and train people in all phases of administrative activities to act as chief clerks for the new Ordnance depots just being established. Orville entered this training program in December 1941 and on May 12, 1942 was sent to Tooele.

Major E. R. Lower, the depot's first commanding officer, had arrived about two months earlier. When Mooberry arrived, there were only two small tarpaper shacks located near where Building 9 is now. One was occupied by the construction engineers and the other was the depot headquarters. Everything was surrounded by a sea of mud which would shortly change to clouds of dust. The railroad grades were in and the streets in the general supply and ammunition areas were surveyed and laid out.

Some of the first structures erected at the depot included the contractors' headquarters, the high-five residences, and the water tank north of the main entrance. Four major contractors joined forces to form what was called the Intermountain Contractors to construct the depot. They had a huge tent city northeast of where the barracks area is now. There was a continuous stream of construction workers recruited from all over the western United States. Most of them didn't stay very long, perhaps because the whole area was a dust bowl in those days and, after a windstorm, they had to shovel the sand out of their tents.

Every Sunday, Major Lower and Mooberry would tour the depot to see what had been constructed dur-

ing the week so they could report it to the Chief of Ordnance.

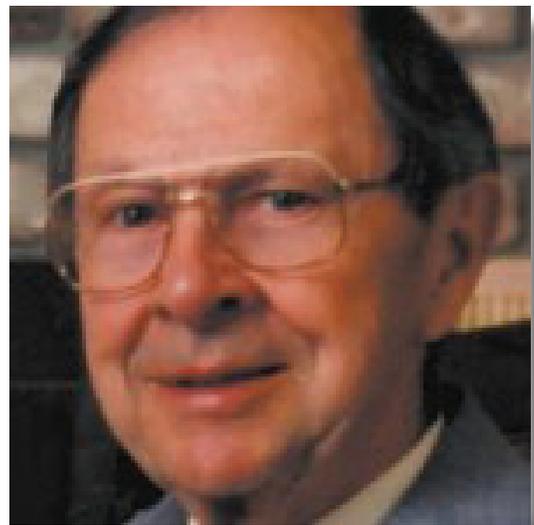
Mooberry continued as chief clerk until February 1943 when he was drafted into the Army. He was given basic training at Aberdeen Proving Ground and was then sent to Mississippi Southern College for Army Administrative training.

He returned to the depot in February 1946 and was assigned to the recently created Control Division. After the depot became a sub depot of Ogden Arsenal, the division was abolished and Mooberry went to the Civilian Personnel Division for several months. Early in 1948, a management sub office was established and Mooberry was selected as chief of the office.

Later, Ogden became a sub depot of Tooele, a Comptroller office was established and this element became the Management Branch of it. Mooberry continued as chief of the branch until 1952 when he was assigned as the depot Comptroller. The depot was reorganized and designated as Tooele Army Depot in 1962.

Mooberry, retired March 28, 1975, with 33 years of Government service.

Since his retirement in 1975, Mooberry has been a resident of Santa Rosa, California for 30 years.



Commanding General of AMC visits TEAD

By Robyn McCown, Continuous Improvement Office

On 27 Aug, Gen. Dennis L. Via, Commanding General, of the United States Army, Material Command (AMC), was welcomed back to Tooele Army Depot (TEAD), Utah, for his second visit, and was accompanied by Lt. Col. Michael Siegl, General's Aide-de-camp; Col. John Laskodi, Chief Initiatives Group; and James C. Dwyer, Chief of Staff for Logistics. He was briefed by Col. Roger McCreery, Tooele Army Depot Commander and Gary Carney, Deputy to the Commander who provided the depot mission overview, a short video of TEAD's capabilities and core competencies.

As the only large ammunition storage and shipping Depot in the western U.S., Via was well aware of TEAD's strategic positioning, access to major transportation hubs for rail, air, water shipments, and the only site capable of responsive power projection to the Pacific area.

The visitor's toured the Pilot Model Shop and observed the functioning of an Ammunition Peculiar Equipment (APE), which was designed, manufactured and tested onsite. John Godwin, Project Manager, gave an active demonstration of the Safety Certification System for small brass .50 caliber and smaller. The APE 1408 heats spent brass casings to remove any residual energetic, and then the APE 1410 deforms the casings so they can be safely recycled.

During the Via's visit, he encouraged TEAD management to continue their marketing efforts especially for the unique capabilities. He explained the importance of partnering with public and private agencies and also within other agencies of Department of Defense (DoD). "This is a major thrust and has high congressional interest and is supported by the Secretary of Defense as a valuable means to maintain our expertise in our industrial bases," stated Via.

Via explained that he has personally hosted workload conferences promoting to CEO's of large corporations so they know what AMC agencies are capable of and how fast and cost effectively they can deliver. He explained partnership efforts are of utmost importance to ensure a strong Army as we face the challenges of continuing budgets cuts and how AMC headquarters are already working to reduce the impact to readiness next year and beyond.

Via was interested in one of the Depot's current partner-

ships with Defense Logistic Agency (DLA) which is fabricating one ton containers for spent mercury that is currently stored at Hawthorne Army Depot, NV. There are no containers on the market that meets Department of Transportation (DOT) stringent criteria for mercury storage. In fiscal 2013, TEAD has manufactured 400 of the One Ton Mercury containers with four option years for an additional 1,600 containers which will meet or exceed the DOT criteria.

"This is as an excellent example of finding our unique capabilities that match customer requirements that are not available anywhere else in the private sector or off the shelf suppliers," stated Via. "I'm convinced that this capability makes TEAD the best in Department of Defense."

Because of TEAD's alternative energy accomplishments, Via was interested in the renewable wind and solar efforts, and partnership with Infinia Corp., a local Utah company. He was given a tour by Layne Packer, Infinia, Corp. of the newly installed 430 Stirling Solar Array PowerDishes. Also, Royal Rice, TEAD energy conservation manager briefed him on the wind turbine that has been functioning and producing electricity since 2010. With the two completed alternative energy projects, the Depot will receive approximately sixty percent of its electricity. Other projects were explained that have already been approved for future installation at the Depot.

TEAD is striving to become Net Zero within the next five years.

As the group finished their tour, Via applauded TEAD's ongoing marketing efforts and stressed the need to continue in building more public private partnerships. "We must consistently market our capabilities and tell company CEO's what we do...there are companies out there looking for this type of expertise and capabilities...working together we can make it happen," stated Via.

As the visit continued, Via and party returned to the headquarters for briefings and demonstration of the conventional ammunition core mission. Jerry Romano, Chief, Shipping and Receiving Division, presented a briefing on the TEAD's aggressive shipping, receiving and storage capabilities and how this mission is the western hub for conventional

Continued page 8...

Commanding General of AMC visits TEAD continued...

ammunition. A demonstration of the Depot's Straddle Carrier was given to show the capabilities of the carrier and how it loads, lifts, and transports conventional ammunition to storage sites or outloading areas. This is a unique piece of equipment that TEAD uses for movement of ammunition within the ammunition area.

Romano updated Via on the progress of storing C-4 rocket motors at Tooele Army Depot - South Area, for the Missile Defense Agency (MDA). Again, demonstrating an excellent partnership for the DoD and TEAD.

During his visit, Via also took the time to present four deserving TEAD employees with his "4-Star" general's coin: Ron Durrant, Quality Assurance Specialist

(CP15); Craig Black, Engineering Technician for the Korean Deactivation Furnace project; Royal Rice, Alternative Energy Project Manager; and Todd Buckner, Production Controller for the Depot's Open Burn/Open Detonation Program.

In ending, Via stated; "Thank you. You are all part of a winning team. Tooele Army Depot has some very unique capabilities and needs to continue with the aggressive marketing plans." Even though this was not Via's first visit to the Depot, he mentioned that he enjoyed and appreciated his visit and the update on the core missions.

2013 Overview



Change of Command

Deseret Chemical Depot transfer to Tooele Army Depot

C4 Rocket Motor Storage

Stirling Solar Array PowerDishes



Ammo Operations manufacturing parts for Infinia, Inc.

Manufacturing of Mercury Ton Container

A-10 Ballistic Foam Coating