



AIR DEFENSE ARTILLERY NEWS FROM AROUND THE GLOBE – OCTOBER 2013 –

[10TH AAMDC SOLDIERS EARN DEPLOYMENT EXCELLENCE AWARDS](#)

(Dvids/30 October 2013)

By Staff Sgt. John Zumer, 10th AAMDC

Kaiserslautern, Germany – Being recognized by fellow soldiers or unit leadership for a job well done frequently does wonders for morale. If an entire company is singled-out for outstanding service, however, by an authority like the Department of the Army, it's usually a good indicator that proficiency and excellence are emphasized throughout the whole organization, in this case the 10th Army Air and Missile Defense Command (AAMDC).

Soldiers from Alpha and Charlie Batteries, 5th Battalion, 7th Air Defense Artillery (A and C/5-7 ADA) Regiment, 10th AAMDC recently earned Army-level honors in this year's Chief of Staff, Army Combined Logistics Excellence Awards (CLEAs). The CLEA features three program categories: the Army Award for Maintenance, the Deployment Excellence Award and the Supply Excellence Award. All winning units had previously earned awards at the United States Army Europe level. *(To read the complete article, click on the hyperlinked title above.)*



[LIGHTNING BRIGADE HOSTS FALL FESTIVAL](#)

(Dvids/28 October 2013)

By Sgt. Maria L. Kappell, 69th ADA Brigade Public Affairs

Fort Hood, Texas — The Lightning Brigade's soldiers and families gathered together at the Lightning Ranch here to celebrate autumn and Halloween during the unit's Fall Festival on 26 October 2013.

The 4th Battalion, 5th Air Defense Artillery (4-5 ADA) Regiment sponsored the event by providing trunk or treat, several child-friendly games, as well as food and refreshments, while the Headquarters and Headquarters Battery (HHB), 69th ADA Brigade added to the excitement by creating haunted cubicles so the families could enjoy a haunting experience.

In addition to the activities and games that rewarded children with prizes and candy, there were also prizes awarded for the best costumes and the best trunk or treat display.

(To see more photos, click on the hyperlinked title above.)

See also: [Lightning Brigade Hosts Fall Festival](#) (Killeen Daily Herald/30 Oct. 2013) both by Sgt. Maria L. Kappell, 69th ADA Brigade Public Affairs



[TPA CELEBRATES HALLOWEEN WITH TAXPAYER TRICKS & TREATS OF 2013!](#)

(Taxpayers Protection Alliance/25 October 2013)

By David Williams & Michi Iljazi

Halloween is quickly approaching which means candy, costumes, jack-o-lanterns and cute trick-or-treaters filling neighborhood sidewalks across America. This also means that it is time for the Taxpayer Protection Alliance's (TPA) annual Trick or Treat fun. The tricks by the government ghosts, ghouls, and goblins are out once again to scare taxpayers. The biggest trick played on taxpayers is the \$17 trillion debt and a debt ceiling that no longer exists (a ghostly disappearing act). TPA reached down deep into its bag of goodies and found few Treats so taxpayers don't turn into Zombies

TRICKS ...

Medium Extended Air Defense System (MEADS) or "Franken Missile": The Defense Department is full of tricks when it comes to overspending and overcharging on programs. This is especially true on unneeded weapons

systems, such as MEADS. This year, despite legislation explicitly defunding the program, the DoD aimed to spend \$380 million on a program that even our allies feel isn't worth keeping. This is one program that keeps on coming back from the dead.

(To read the complete article, click on the hyperlinked title above.)

(NEW FOCUS) MISSILE DEFENSE DILEMMA DOGGING S. KOREA

(Globalpost.com/24 October 2013)

By Lee-Chi-dong, Yonhap News Agency

Washington – Sandwiched between North Korea's growing threats and budget constraints at home, South Korean officials are apparently in a bind over ways to bolster missile defense capabilities.

The South Korean military reiterates it is developing the Korean Air and Missile Defense (KAMD) system independently from the U.S. regional missile defense networks but "interoperable" with them. Still, many question what that actually means. Adding to public confusion are contradictory comments by top national security officials, especially about the possibility of introducing the Terminal High-Altitude Area Defense (THAAD) system, capable of covering far larger areas than Patriot missile units.

Analysts say it seems to be true that South Korea's military is hoping for THAAD or other advanced missile defense units plus the PAC-3. Money talks, however.

"It would be good to deploy THAAD around Daegu (some 300km southeast of Seoul)," said Chun Yung-woo, who served as national security adviser in the Lee Myung-bak administration. "But a problem is money."

The Park administration has been forced to scale back pension plans for elderly people due to long-term budget shortfalls. The South Korean military maintains it is not yet ready to take over the operational control in time of war from the U.S. due to a lack of cutting-edge weaponry and command-related equipment.

Beset with its own budget woes, however, the U.S. expects South Korea to play a larger role in solidifying shields against the North's ever-sharper swords. In April, Army Gen. Martin Dempsey, chairman of the Joint Chiefs of Staff, said the U.S., South Korea and Japan need to integrate their missile defense systems for synergistic effect.

(To read the complete article, click on the hyperlinked title above.)

RAYTHEON BOOSTS BALLISTIC MISSILE DEFENSE RADAR'S PERFORMANCE

(PCB007- PR Newswire/24 October 2013)

Ballistic missile raids, large numbers of simultaneously launched weapons, may soon have a tougher time penetrating allied air defenses. Raytheon Company has started upgrading the AN/TPY-2 ballistic missile defense radar's signal and data processing equipment (SDPE) to enable the "brains" of the radar to more quickly and accurately discriminate threats from non-threats and enhance radar performance to protect against missile raids.

An integral element of the Ballistic Missile Defense System (BMDS), AN/TPY-2 is a mobile X-band radar that helps protect the U.S., warfighters, America's allies and security partners from the more than 6,300 ballistic missiles that, according to U.S. intelligence estimates, are not controlled by the U.S., NATO, China or Russia.

"Raytheon is building on the AN/TPY-2's record of outstanding performance by improving the system because rogue states are constructing more ballistic missiles that have longer ranges and are increasingly more sophisticated," said Dave Gulla, vice president of Global Integrated Sensors in Raytheon's Integrated Defense Systems business. "The security of the U.S., our warfighters and our allies depends on having reliable, capable systems like the AN/TPY-2 to help counter the growing ballistic missile threat."

(To read the complete article, click on the hyperlinked title above.)

[MEADS PREPARING FOR EARLY NOVEMBER INTERCEPT TEST](#)

(Defense Daily/24 October 2013)

By Ann Roosevelt

The major event for the Medium Extended Air Defense System (MEADS) Proof of Concept – an intercept flight test – is on track for early November, executives said.

“This is one of the key tests of the Proof of Concept,” Gregory Kee, general manager of the NATO MEADS Management Agency (NAMEADSA), told Defense Daily. The test was designed and approved to show the system fully meets the capabilities agreed to by the tri-national program partners in 2011.

MEADS is expected to intercept tactical ballistic missile and air-breathing threats attacking from points more than 120 degrees apart to demonstrate its 360-degree defense capabilities that sector defense systems cannot provide. Senior representatives from all three nations will be observing the test. Additionally, a senior delegation from Poland will be in attendance.

Poland is very interested in the system as it modernizes its air and missile defense portfolio and could be in a position to make acquisition decisions in the fall of 2014.

During the test MEADS is expected to detect widely separated targets--a high altitude ballistic missile and a QF-4 air-breathing target. The surveillance radar will acquire and track the targets and pass data to the fire control radar that rotates at about 30 times a minute. The fire control data will acquire and track both targets, launch three missiles and update them in flight--all well within the radar's capability, both officials said.

Coyne said of the test, “this has never been attempted before by an air and missile defense system.”

(To read the complete article, click on the hyperlinked title above. Subscription required)

[EVOLUTION OF THE MILITARY SPOUSE](#)

(Free Enterprise/23 October 2013)

By Laura Dempsey, Director of the Military Spouse Employment Program for the Hiring Our Heroes Program at the U.S. Chamber of Commerce.

At first blush it seems fitting that military spouses should be included in an issue focused on resilience. The military has spent countless hours and dollars studying and trying to improve the resilience of military families. The government and nonprofits have touted the resilience of our families in a time of protracted war. Nevertheless, this focus on resilience is misplaced. After 10 years at war, military spouse resilience is an oxymoron.

Resilience is the ability of an object to return to its original shape after a protracted period of stress or compression. Perhaps this was an appropriate way to think about military families after World War II or Vietnam, when service members left, came home, and returned to their communities. This is not the current state of play. Yet with the changes that have happened in our military families, they are uniquely situated to help our country's resilience as the economy recovers from over a decade of war.

(To read the complete article, click on the hyperlinked title above.)

[CHINA'S ARMS INDUSTRY MAKES GLOBAL INROADS](#)

(The Bulletin/23 October 2013)

By Edward Wong and Nicola Clark, New York Times Service

Beijing, China — From the moment Turkey announced plans two years ago to acquire a long-range missile defense system, the multibillion-dollar contract from a key NATO member appeared to be a U.S. company's to lose. For years, Turkey's military had relied on NATO-supplied Patriot missiles, built by the U.S. companies Raytheon and Lockheed Martin, to defend its skies, and the system was fully compatible with the air-defense platforms operated by other members of the alliance.

There were other contenders for the deal, of course. Rival manufacturers in Russia and Europe made bids. Turkey rejected those — but not in favor of the U.S. companies. Its selection last month of a little-known Chinese defense company, China Precision Machinery Export-Import Corp., stunned the military-industrial establishment in Washington and Brussels.

(To read the complete article, click on the hyperlinked title above.)

[KOREAN, U.S. PRESIDENTIAL AIDES TO DISCUSS OPCON, MISSILE DEFENSE](#)

(Globalpost.com/23 October 2013)

By Lee Chi-dong, Yonhap News Agency

Seoul, Republic of Korea – The top national security aide to South Korean President Park Geun-hye arrived in Washington Wednesday for consultations on North Korea and Seoul-Washington alliance issues. It is the first time Kim Jang-soo, chief of Cheong Wa Dae's national security office, has traveled to the U.S. since taking office in February. Kim is scheduled to meet White House National Security Adviser Susan Rice and other officials during his four-day stay here.

Media attention is being paid especially to the level of consultations on Seoul's request to push back the agreed-upon date for the acceptance of operational control (OPCON) of its military forces in the event of war.

It has become a main alliance issue as the Obama administration is apparently reluctant to reschedule the transfer of OPCON, currently set for December 2015.

South Korean military officials argue Seoul needs more time to prepare for a leading role in conducting a war against North Korea, which has enhanced nuclear and missile capabilities. On regional missile defense, the former South Korean defense minister denied media speculation that his country's missile defense systems will be integrated into those of the U.S. military.

But he admitted the importance of interoperability between the two networks to reduce costs and raise effectiveness in countering North Korea's missile threats.

He was ambiguous when asked about the possibility of South Korea buying the Terminal High-Altitude Area Defense (THAAD) systems.

(To read the complete article, click on the hyperlinked title above.)

[ARMY PUSHES TO UPGRADE MISSILE DEFENSE SYSTEMS](#)

(DefenseTech/ 22 October 2013)

By Kris Osborn

The U.S. Army released a paper Tuesday that outlined how the service must invest in missile defense systems to bolster its ability to support the Navy and Air Force-led Air Sea Battle operating concept.

The Air-Sea Battle operating concept is a method of countering anticipated global technological trends wherein potential adversaries' use of advanced weaponry could make it more difficult for the U.S. to project power.

In particular, things like longer-range ballistic missiles with varying degrees of precision guidance, more sophisticated air defenses, and jamming technologies make it harder for Navy ships and planes to operate in coastal areas of strategically important waterways.

The 25 September 2013 paper, titled "The Army's Role in Countering Anti-Access and Area Denial: Support to Air-Sea Battle," articulates a series of potential investment strategies designed to assist the core tenets of Air-Sea Battle. Military.com obtained a copy of the paper.

The Army calls for increased fielding of the Terminal High-Altitude Area Defense (THAAD), Patriot and the Army Tactical Missile System, or ATACMS, a technology which delivers precision fires against stationary or slow-moving targets at ranges up to 300 km., the paper cites.

(To read the complete article, click on the hyperlinked title above.)

[GLOBAL DEFENDER – OCTOBER 2013 VOL.3](#)



(Dvids/21 October 2013)

32nd Army Air and Missile Defense Command

A quarterly magazine produced by and for the 32d Army Air and Missile Defense Command. The magazine focuses on the Soldiers, Families and units of 32d AAMDC, highlighting their accomplishments at home and around the world. The theme of this issue is Soldier and Family Readiness.

(To read the complete magazine, click on the hyperlinked title above or cover photo at right.)

[ARMY, NORTHROP GRUMMAN PLAN MAJOR AIR AND MISSILE DEFENSE DEMONSTRATION](#)

(Defense Daily/22 October 2013)

The Army and Northrop Grumman have made substantial progress toward a major integrated air and missile defense (IAMD) demonstration planned to begin Oct. 24 at Redstone Arsenal, Ala. For the demonstration, Northrop Grumman will participate with IAMD Battle Command System (IBCS) software and hardware components to highlight critical capabilities tied to objectives established by war fighters. IBCS will provide Air Defense Artillery (ADA) units one common battle command system for all Army air defense assets that are fully integrated with other Army and Joint IAMD systems.



Northrop Grumman conducted training on IBCS operations for soldiers from the 108th Air Defense Artillery (ADA) Brigade. Those soldiers will return with air defenders from the First Armored Division to participate in the IAMD demonstration.

The company delivered two tactical integrated fire control network relays and three dismounted relays that let IBCS interface with remote weapons and sensors. The relays extend the IBCS integrated fire control network across the battlefield, and enables IBCS to establish a highly mobile, self-forming ad hoc network.

The Army's 2014 plans for development and operational testing include flight tests using the IBCS EOCs and relays at White Sands Missile Range, N.M.

(To read the complete article, click on the hyperlinked title above – subscription required.)



[NETWORKING, INTEGRATING, AIR AND MISSILE DEFENSES NEAR-TERM PRIORITY: LOCKHEED MARTIN OFFICIAL](#)

(Defense Daily/21 October 2013)

By Ann Roosevelt

While the Army has a long-term weapon modernization plan, the key to the current and near term plan is networking and integrating air and missile defense elements, according to a Lockheed Martin [LMT] official.

“The Army is concentrating more on integrating weapon systems, and networking all of those systems by component than by developing brand new (Integrated Battle Command System) IBCS, networking Patriot radars and launchers, Medium Extended Air Defense System (MEADS) sensors and launcher, Joint Land Attack Cruise Missile Defense Elevated Netted Sensor (JLENS) radars, other components,” Mike Trotsky, Lockheed Martin vice president of Air and Missile Defense, told Defense Daily. “When we go to fight, we can optimize a package of missiles and sensors they take to the fight, and not bring the whole logistics footprint.”

“We look at a weapons system, like Aegis, Terminal High-Altitude Area Defense (THAAD), Patriot, and even MEADS components. The first thing we want to do is to get them networked so they can all speak on the same network. One system takes advantage of another system's sensors, and track information can be passed. If the Aegis weapon system sees a target, but THAAD has a good shot, it will pass the information so THAAD can take the shot.

“It's exciting to get more out of the weapon systems we have, particularly in a budget constrained environment, when you're able to get more efficiencies and effectiveness out of the systems you have without significant additions of soldiers or budget,” Trotsky said.

(To read the complete article, click on the hyperlinked title above – subscription required.)

[FIRST IN SUPPORT, SOLDIERS ASSIST 5-7 ADA EQUIPMENT INSPECTIONS](#)

(Dvids/21 October 2013)

Article by Staff Sgt. Alexander Burnett, 21st Theater Sustainment Command

Kaiserslautern, Germany – Soldiers from the 21st Theater Sustainment Command's headquarters and 16th Sustainment Brigade assisted the 10th Army Air and Missile Defense Command's (AAMDC's) 5th Battalion, 7th Air Defense Artillery (5-7 ADA) with equipment inspections from 7 through 18 October 2013 at Rhine Ordnance Barracks. The 18-soldier team inspected 72 containers and 181 vehicles for basic mechanical service ability, safety and transportation readiness in support air defense operations. The 'First in Support' Soldiers worked tirelessly, for up to 16 hours a day to ensure each piece of equipment met the standard for international transport. *(To read the complete article, click on the hyperlinked title above.)*

[RAYTHEON GETS \\$71.7M ARMY AWARD FOR MODERNIZATION OF PATRIOT SYSTEMS](#)

(UPI Beta/21 October 2013)

TEWKSBURY, Mass. – U.S. Army contracts worth \$71.7 million have been awarded to Raytheon for modernization of Patriot missile systems, the work will involve enhanced radar and system interfaces, Raytheon said.

Upgrades include a modernized radar digital processor (RDP), which will increase the reliability of the anti-missile missile system by 40 percent, and a "modern man station" (MMS) that increases the safety of soldiers operating the system and provides greater situational awareness, the company said.

"These major enhancements to the radar digital processor pave the way for improved target detection and identification, multifunction surveillance and the full support of advanced PAC-3 missile enhancements through software upgrades," said Ralph Acaba, vice president of Integrated Air and Missile Defense at Raytheon's Integrated Defense Systems business.

"The new Modern Man Station with color LCD displays, touch screens and soft keys will give soldiers the ability to more quickly identify threats, assess the situation and make decisions."

(To read the complete article, click on the hyperlinked title above.)

See also: [Raytheon to Continue Modernizing Patriot Fleet](#) (Aerospace Manufacturing and Design/23 October 2013) by Manufacturing Group



[COMBAT FINE DINING](#)

(Dvids/21 October 2013)

Article and photo by Air Force Staff Sgt. Jacob Morgan, 380th Air Expeditionary Wing

At left, U.S. Army Spc. Nicholas Hicks a food service specialist assigned to the 1st Battalion 62nd Air Defense Artillery (1-62 ADA) Regiment prepares Parmesan chicken at Windy's Dining Facility at an undisclosed location in Southwest Asia on 8 October 2013. At Windy's, each food service specialist prepares a specialty meal each week from scratch. Hicks calls Long Beach, Miss., home and is deployed from Fort Hood, Texas.

Southwest Asia – The 380th Expeditionary Force Support Squadron is responsible for operating the dining facilities here. They provide more than two million meals a year to assigned personnel and transient warfighters. They package meals specifically for aircrew and patriot missile site operators who are unable to leave their post. When planning the menu, they consider Air Force standards, availability of local ingredients and the nutritional needs of deployed service members.

The food operations specialist, both U.S. Air Force and U.S. Army personnel, do all of this while exceeding Air Force standards in almost every category, said U.S. Master Sgt. Jeffrey Fricke, 380th EFSS food operations chief. Air Force personnel are responsible for all dining facilities on base; however, Army personnel are responsible for the management of one of the DFACs making feeding personnel here a joint effort.

"I couldn't ask for a better team with our Army members," said Fricke, who calls Sumter, S.C. home and is deployed from Shaw Air Force Base, S.C. "They are outstanding."

The Army and Air Force members differ a little when it comes to the food they serve, said U.S. Army Sgt. John R. Compton assigned to the 1st Battalion 62nd Air Defense Artillery (1-62 ADA) Regiment's rations noncommissioned officer-in-charge (NCOIC) of Windy's DFAC.

"We try to bring some unique recipes," said Compton. "We have some specialties that we bring to the table to keep customers coming to Windy's."

In addition to those specialties, which include homemade meatloaf and Parmesan chicken, Army personnel at Windy's also deliver to the Patriot sites here.

(To read the complete article, click on the hyperlinked title above.)

EIGHTH ARMY REVITALIZES PHYSICAL READINESS TRAINING

(Dvids/21 October 2013)

By Walter Ham, 8th Army

Yongsan, Republic of Korea – The top U.S. Army command in South Korea revitalized its physical readiness training program. Beginning on 21 October 2013, Eighth Army increased physical readiness training from five one-hour workouts a week to five 90-minute workouts a week. Eighth Army Command Sgt. Maj. Ray A. Devens said the renewed focus on physical readiness training is designed to keep all Eighth Army soldiers combat ready, regardless of branch or occupational specialty.

At right, Eighth Army increased physical readiness training from five one-hour workouts to five 90-minute workouts a week.

(Photo by Capt. Jeremy Tennent, 6-52 ADA Public Affairs)

(To read the complete article, click on the hyperlinked title above.)



ARMY LEADERS ACKNOWLEDGE GROUND COMBAT VEHICLE'S UNCERTAIN FUTURE

(InsideDefense.com/21 October 2013)

Article by Tony Bertuca,

Top Army officials set the stage today for the termination or delay of the Ground Combat Vehicle (GCV) program due to budget cuts triggered by sequestration. Army Secretary John McHugh highlighted the GCV as being on shaky ground due to sequestration, as did Heidi Shyu, the Army's acquisition executive. While both stopped short of committing to any definite path, McHugh and Shyu made it clear that the GCV is far from safe in the current fiscal environment. Shyu also said sequestration would force the Army to choose between upgrading existing systems and launching new ones.

(To read the complete article, click on the hyperlinked title above – subscription required.)

31ST AIR DEFENSE ARTILLERY TRANSFER OF AUTHORITY

(Dvids/16 October 2013)

Article by Capt. Corey Robertson

SOUTHWEST ASIA – The U.S. Army conducts multiple events and ceremonies that are rich and history and symbolism. One such ceremony was held in October symbolizing the transfer of authority within the CENTCOM area of responsibility between the 69th Air Defense Artillery Brigade Headquarters stationed at Fort Hood, Texas and the 31st Air Defense Artillery Brigade stationed at Fort Sill, Okla.

To signify the transfer of authority in the AOR the outgoing brigade command team from 69th ADA Brigade formally "cased" their colors until they returned to their home station whereas 31st ADA Brigade formally "uncased" their colors signifying the assumption of the Air Defense Artillery mission within the AOR.

The guest speaker for the ceremony was Maj. Gen. Dana Pittard, the deputy commanding officer for the U.S. Army Central Command. Pittard's speech focused on the importance of teamwork in order to accomplish the

mission. He praised the outgoing commander Col. Brian Gibson on an outstanding job as the commander of "Task Force Lighting" and also welcomed the incoming commander Col. Michael Morrissey and offered words of encouragement for the road ahead.

"First, we did not get to this point alone, our unit benefitted from teamwork which began a year ago as we leaned heavily on the forward deployed brigade, pulling from their experience, culminating in the incredible professionalism we received from 69th," said Col Morrissey. "Rest assured, the 31st Brigade is committed to sustaining the momentum with a crystal clear focus on war fighting, training, equipment and soldier readiness. We understand there is no room for slack, and equally important we are committed to building our coalition partnership. A relationship built on shared purpose, respect, and pride."

Col. Gibson welcomed the command team of 31st ADA to the "greatest mission, the greatest partners and the greatest joint-service members a unit could ask for."

The brigade headquarters is deployed as the command and control element for Patriot units operating within the area of responsibility that provide air defense of critical host nation assets.

(To read the complete article, click on the hyperlinked title above.)



SOLDIERS PUT TIME IN KUWAIT TO GOOD USE

(Lawton Constitution/7 October 2013)

By Mitch Meador

Fort Sill, Okla. – Almost 500 soldiers of 4th Battalion, 3rd Air Defense Artillery (4-3 ADA) Regiment, are back at Fort Sill after dual homecoming ceremonies on Sunday night and Monday. Their first act upon returning was for Lt. Col. Rick Wright, battalion commander, and Command Sgt. Maj. Christopher Cook to uncasing the colors of the "I Strike" Battalion after a yearlong deployment to the U.S. Central Command area of operations, primarily Kuwait.

Wright said it was good to get back home after a year spent performing a critical mission, which was handed over to the incoming battalion from Fort Hood, Texas. He also said that 4-3 ADA was ready to come back and get a change of mission here at Fort Sill, going into reset and reintegration to get the Soldiers back to their families. Wright was thankful that everyone made it home safely and praised the outstanding job performed by the unit.

"The whole theme for our deployment was we wanted to change the status quo of what a Patriot deployment was like in Kuwait, and try to stretch the boundaries of what we could do as far as training, as well as integration with the host nation partners, the Kuwaitis, our weekly training events with them, and I think we've succeeded in accomplishing all of those goals."

(To read the complete article, click on the hyperlinked title above – subscription required.)