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A Space & Missile Defense NewsWire

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'Space Soldiers' support Colorado firefighters



Photo by U.S. Air National Guard Tech. Sgt. Wolfram M. Stumpf

Colorado Army National Guard Sgt. Nathan Faith, 117th Space Battalion, points out areas on an infrared satellite image of the West Fork Complex fire to Matt Gibson, U.S. Forest Service – Lolo Interagency Hotshot Crew from Missoula, Mo., and Sgt. Cassandra Quinones, 117th Space Bn., from their location in Pagosa Springs, Colo., June 27. This is the first time the 117th Space Bn. has been called to support a civic emergency operation. See story on Page 5.



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U.S. Army Space and Missile Defense Command/Army Forces Strategic Command publishes the Eagle bi-weekly as a digital newswire. The newswire is an authorized publication of the USASMDC/ARSTRAT in accordance with AR 360-1. The SMDC commanding general has directed that the publication of this periodical is necessary in the transaction of the public business as required by law. The views and opinions expressed in the Eagle are not necessarily those of the Department of the Army or SMDC. The Eagle is intended to inform members of the command on happenings within the Army space and missile defense community. Distribution is made to the service members, civilians and contractors, and to the general public.

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SMDC Soldiers attend CLE course



Courtesy photo

Soldiers from U.S. Army Space and Missile Defense Command/Army Forces Strategic Command completed the USASMDC/ARSTRAT Directorate of Training and Doctrine Ground-based Midcourse Defense System Command Launch Equipment, or CLE, Qualification Course June 30 at Schriever Air Force Base, Colo. From the course are, left to right, Doug Harnly, instructor; Capt. Alexander Urosevich, 100th Missile Defense Brigade (Ground-based Midcourse Defense); Tim DeRamus, course manager; Staff Sgt. Craig Davis, 49th Battalion; Staff Sgt. Norman Perkins, 100th MDB (GMD) Detachment 1; Tom Bartek, instructor; Chief Warrant Officer 4 Jon Siers, 100th MDB (GMD); Ronald Hoard and Joe Evans, instructors.

A major promotion

Congratulations to the following U.S. Army Space and Missile Defense Command/Army Forces Strategic Command Reserve Component (Army Reserve and Army National Guard) officers on their selection for promotion to major:

Eric Brown, USASMDC/ARSTRAT G-4, Colorado Springs, Colo.; Walter Loyola, 1st Space Brigade, 1st Space

Battalion, Colorado Springs; Brandy Moralez, SMDC G-2, Colorado Springs; Jared Rook, SMDC G-3, Colorado Springs; John Walker, SMDC G-3, Huntsville, Ala.; Macklin Rushing, 100th Missile Defense Brigade (Ground-based Midcourse Defense), Colorado Springs; George O'Neill, 100th MDB (GMD); and Christopher Stutz, 100th (GMD) Brigade.

SMDC hosts Bible study

The SMDC's Chaplain's Office in Huntsville, Ala., hosts a weekly Bible study Wednesdays from 11:30 a.m. to 12:30 p.m. in room

1054. It is open to everyone, and participants may bring a lunch.

For more information, call (256) 955-1078.

NORTHCOM lauds GEOINT Division for 24/7 support

Maj. Rain Jones
SMDC GEOINT Division

PETERSON AIR FORCE BASE, Colo. – Members of the U.S. Army Space and Missile Defense Command/Army Forces Strategic Command's G-2 Geospatial Intelligence, or GEOINT, Division were recently recognized by the director of intelligence for the North American Aerospace Defense Command-U.S. Northern Command.

Rear Adm. Brett Heimbigner, director of intelligence, or J-2, NORAD-NORTHCOM, presented "flag officer" coins to the team for "outstanding support" provided during an operation in April and May.

The presentation was made at SMDC's operations headquarters on Peterson Air Force Base. Members of the GEOINT Division supported 24/7 operations for more than four weeks for NORAD-NORTHCOM's J-2 as well the U.S. Strategic Command J-2 and the Joint Functional Component Command for Integrated Missile Defense.

During this period, division personnel completed 1,105 GEOINT reports in support of this operation.

The support included providing rapid, time-critical, analytical reports plus more detailed follow-up reports of fused intelligence information. The division, which includes imagery scientists and analysts with advanced skill levels, used multiple types of advanced geospatial intelligence technologies to provide an overall GEOINT picture in support of the operation. The reporting provided NORAD-



Courtesy photo

Rear Adm. Brett Heimbigner, director of intelligence for the North American Aerospace Defense Command-U.S. Northern Command, compliments the U.S. Army Space and Missile Defense Command/Army Forces Strategic Command's G-2 Geospatial Intelligence Division team for "outstanding support" during an operation that took place in April and May. The team is from left: analysts Chris Grimes, Chris Barili, Dave Jones, Chris Farmer, and Casey Ryska, production manager.

USNORTHCOM, USSTRATCOM, JFCC IMD, and other units with important situational awareness during this time frame. Division reporting results were provided directly to the NORAD-USNORTHCOM commander and were also used in daily briefings by the J-2 of another regional combatant command.

GEOINT Division analysts were able to transition from normal day-to-day operations to 24/7 operations in coordination with, and support of, NORAD-USNORTHCOM to develop timely, accurate analytical products in a collaborative environment. The SMDC G-2 GEOINT Division met this ad hoc requirement while minimizing the impact on its other support requirements in other areas for its

five combatant command customers that include USSTRATCOM, NORAD-USNORTHCOM, U.S. Transportation Command, U.S. European Command, and U.S. Africa Command.

Heimbigner, who engaged with the division's analysts on a daily basis during this period, said that their support of this operation was critical to his command. He complimented the unit's timeliness, accuracy and reliability.

The mission of the GEOINT division is to gather and analyze imagery such as that gathered from satellites in both a literal and non-literal methods. This information is then provided to combatant commanders and boots on the ground as well to civil authorities in disaster relief efforts.

SMDC leader takes oath, joins SES corps

Carrie E. David
SMDC Public Affairs

REDSTONE ARSENAL, Ala. – A U.S. Army Space and Missile Defense Command/Army Forces Strategic Command leader became the most recent addition to the ranks of the senior executive service.

Thomas E. Webber, acting director of SMDC's Technical Center, and director of the Technical Center's Space and Cyberspace Directorate, was promoted to the SES July 16 at the Von Braun III auditorium.

"It is an honor and a privilege to be selected into the Senior Executive Service," Webber said. "Since leadership is the cornerstone of the SES ranks, I take great pride in the trust and confidence placed in me as a leader."

While some who are promoted to SES see a substantial change in their role, Webber has not.

"In my particular case, my role (job) has not changed significantly because I have been acting in this capacity for several months. But becoming an SES now solidifies my responsibility to look strategically across the organization and to focus on shaping our vision," Webber said.

The SES ranks consist of men and women charged with "leading the continuing transformation of government," according to the Office of Personnel Management website. These leaders are the major link between top presidential appointees and the rest of the federal workforce.

Because "they operate and oversee nearly every government activity in approximately 75 federal agencies,"



Photo by Carrie E. David

Lt. Gen. Richard P. Formica, commanding general, U.S. Army Space and Missile Defense Command/Army Forces Strategic Command, administers the oath to Thomas E. Webber, acting director of SMDC's Technical Center, and director of the Technical Center's Space and Cyberspace Directorate, during Webber's promotion to the senior executive service at the Von Braun III auditorium July 16 on Redstone Arsenal, Ala.

the selection process is stringent.

"I'm glad the appointment process is done, because the selection process was very challenging, and understandably so," Webber said. "I want to thank Lt. Gen. (Richard) Formica for his outstanding leadership – he sets the standard – and Mr. (Ronald) Chronister for putting his trust in me. I am also grateful that my family was able to be here for the ceremony. That meant more to me than they could ever know."

Webber said he wants to focus on

why he serves.

"This is a responsibility that I gratefully accept, but I take on the position not for personal reasons but to make a difference for the men and women we serve, all those Soldiers, sailors, airmen, and Marines defending this great nation every day," Webber said about his new role. "We can never lose sight of why we are here and why we take our oath. We must defend our freedoms and continue to develop and prepare our future leaders."

'Space Cowboys' help with Colorado wildfire

Staff Reports

PAGOSA SPRINGS, Colo. – Army Space Soldiers from the 117th Space Battalion, Colorado Army National Guard, provided “a first” by bringing space-based products and support to civilian authorities fighting the West Fork Complex fire in southern Colorado than began June 5.

Three “Space Cowboys” from the recently re-deployed six-member Army Space Support Team 27 designed to support the Warfighters in the theater of operations were mobilized and put on state active duty for Colorado on June 23 to support firefighting efforts.

They are Army National Guard Soldiers Capt. Tim Bouma, team leader and space operations officer, Sgt. Cassandra Quinones, geospatial engineer, and Sgt. Nathan Faith, network specialist.

The team’s operations are based out of the Pagosa Springs Airport along with the incident command center.

Products and services being provided to firefighter include GPS, imagery and mapping tailored to the fire’s unique properties. The 117th is the only unit with the tools to produce the imagery required to best fight the West Fork Complex fire.

According to Lt. Col. Martin L. Bortolutti, commander of the 117th Space Battalion, “This is the first time in the battalion’s history that



Photo by U.S. Air National Guard Tech. Sgt. Wolfram M. Stumpf

Colorado Army National Guard Sgt. Nathan Faith, 117th Space Battalion, points out areas on an infrared satellite image of the West Fork Complex fire to Sgt. Cassandra Quinones, 117th Space Bn., from their location in Pagosa Springs, Colo., June 27. This is the first time Soldiers of the 117th Space Bn. have been called to support domestic operations. The troops worked with members of the U.S. Forest Service – Lolo Interagency Hotshot Crew from Missoula, Mo.

we are able to recall an Army Space Support Team force package and to provide civil support for wildfire effort.

“The team has performed magnificently and will stay as long as allowed in order to provide any advantage to the firefighting effort,” Bortolutti said about his unit’s

abilities and their capabilities. “The 117th Space Battalion hopes to provide continued civil support to the state whenever called upon.”

The battalion is assigned to the 1st Space Brigade, which is part of the U.S. Army Space and Missile Defense Command/Army Forces Strategic Command.

Deadline for comments and submissions for the Aug. 8 issue is Aug. 2.
Please submit to Jason B. Cutshaw at Jason.B.Cutshaw.civ@mail.mil.

Space Soldiers conduct CBRN training



Courtesy photo

Soldiers of A Company and B Company, 53rd Signal Battalion, conduct Chemical, Biological, Radiological and Nuclear defense, or CBRN, defense training exercise at the Frederick Police Station near Fort Detrick, Md. During the exercise, Soldiers learned the proper procedures used in a CBRN attack scenario, such as decontamination and vapor testing with M256 kits. The exercise culminated with a testing of each Soldier's gas mask in a gas chamber to prove their effectiveness.

Space Cowboys get Colorado sendoff



Photo by 1st Lt. Skye Robinson

Lt. Col. Martin Bortolutti, commander 117th Space Battalion, addresses the Soldiers of Army Space Support Team 23, during a departure ceremony at the Colorado National Guard State Headquarters June 25. Fellow guard members, U.S. Army Space and Missile Defense Command/Army Forces Strategic Command personnel, and family members said their goodbyes as ARSST 23 deploys into U.S. Central Command theater of operations. ARSST members will provide Warfighter with space-based capabilities such as satellite imagery; surveillance; reconnaissance; early warning of missile threats; and GPS monitoring and accuracy reporting, all of which contribute to situational awareness of the battlefield.

History: Kissinger visits nation's 'Safeguard'

Sharon Watkins Lang
SMDC command historian

Fiscal year 1975 began with a flurry of events. President Richard Nixon announced in early July that the anti-ballistic missile program was reduced from two sites to one due to a protocol attached to the Anti-Ballistic Missile Treaty. A few weeks later, newspapers reported that Secretary of State Dr. Henry Kissinger planned to visit North Dakota specifically to see the Army's Safeguard ABM complex, in North Dakota.

Kissinger's visit was announced on July 23. By the next morning, newspapers reported that the site tour had been canceled and replaced with a briefing to be conducted at nearby Grand Forks Air Force Base. Later that night, however, it was official that Kissinger had extended his visit to North Dakota specifically to allow for a quick tour of the Safeguard site.

Kissinger and his party arrived in the Peace Garden State in the afternoon of July 25, 1974, welcomed by an enthusiastic crowd of about 600. In addition to Kissinger, the official party included West German Foreign Minister Hans-Dietrich Genscher, West German Ambassador to the United States Berndt von Staden, U.S. Ambassador to West Germany



U.S. Army photo

Official party tours the Perimeter Acquisition Radar site June 25, 1974. From left are: Brig. Gen. Bates Burnell, commander of the U.S. Army Ballistic Missile Defense Systems Command; Secretary of State Henry Kissinger; West German Foreign Minister Hans-Dietrich Genscher; and Col. James Ton, commander of the U.S. Army Safeguard Command.

Martin Hillenbrand and Senator Milton Young.

The visit began on the air base with tours of the Air Force's strategic capabilities. The group toured a B-52 bomber with the 319th Bombardment Wing, and a Minuteman Missile launch training silo and missile procedure trainer with the 321st Strategic Missile Wing.

Later, a smaller group proceeded

north to Nekoma, N.D., and the primary focus of the trip – the Safeguard sites. Aboard two helicopters, Kissinger and his party flew over the Minuteman silos and some of the ABM sites. Time constraints limited the official party to the Perimeter Acquisition Radar facility.

At the PAR site, the event

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Command Safety Gram

Put a stop to Shock at home

Electricity, it is a part of modern life and often taken for granted.

But every once in a while, there is a shocking reminder that electricity can be one of the biggest hazards in the home. Even a low voltage current can be fatal, especially for children.

Use the following guidelines to avoid electrical hazards in the home:

- ◆ Inspect electrical equipment and cords for damage and wear, including extension and temporary cords. Look for frays, punctures, or any other kind of damage to the insulation on the wiring or damage to the plug. Replace damaged or worn out equipment.

- ◆ Do not put cords in areas where they may get stepped on, tripped on or driven over. Keep them well away from heat sources. Do not yank on cords to unplug them as this can damage the wiring.

- ◆ Never remove the third prong on a plug to make it fit in a two-plug hole. The third prong provides grounding for the electrical current and is an important safety feature. All major appliances and power tools should be on three prong plugs.

- ◆ Do not overload circuits with too many appliances. This can cause overheating and become a fire hazard. If the electrical load is heavy, use a cord designed to carry a bigger current. If the circuit breaker kicks in due to overloading, don't just flip it back on without investigating what the problem might have been and have it fixed if necessary.

- ◆ Never operate anything electrical in a wet or damp place, or while standing in water. Water and electricity don't mix. This may be a problem around leaky washing machines, when using power tools in a damp garage or workshop, or when using an electric lawn mower if the grass is still wet from rain or sprinklers. Keep electrical appliances away from bathtubs, pools and sinks.

Consider installing Ground Fault Circuit Interrupters, or GFCIs, on any equipment that may accidentally contact water. These detect failures or leakages (interruptions) in electrical lines and quickly break the circuit before



the risk of shock or electrocution.

- ◆ Home repairs like roofing or gardening work like pruning might bring someone into the proximity of overhead power lines. Contact with these is extremely hazardous, so maintain a safe distance. Always assume a wire is "live" or energized.

- ◆ Underground power lines can be just as dangerous. If planning to dig anywhere around property for building or planting, call the local utility company to mark out the power and gas lines.

- ◆ Never use electrical space heaters near moisture. Unplug them when not in use and ensure they have an automatic off switch in case they get knocked over. Keep space heaters away from curtains, clothes and other combustibles, and ensure that electrical cords and plugs are in good condition.

- ◆ Faulty wiring can be a problem, particularly in older homes. Get an electrician to do a safety check on wiring if this is a concern.

Most people cannot imagine a life without electricity. When used cautiously and sensibly, it will bring more power to the user.

– *Courtesy of the US Army Combat Readiness/Safety Center.*



Signal Soldier earns Space Badge



Courtesy photo

Capt. Mark Anderson, commander, A Company, 53rd Signal Battalion, presents 1st Lt. Saif Vazquez with a certificate for earning the Space Badge during an awards ceremony June 7 at the company's location at Fort Detrick, Md. Vazquez earned the badge by completing the Army Space Cadre Course and for serving 12 months in a space cadre position.

Awarding excellence



Courtesy photo

Capt. Mark Anderson, commander, A Company, 53rd Signal Battalion, presents Staff Sgt. John Mitchell an Army Achievement Medal for achieving the Senior Wideband Controller position, as well as an Army Commendation Medal before Mitchell leaves the company, during a ceremony June 7 at the company's location at Fort Detrick, Md.

Spouse receives honorable recognition



Photo by Carrie E. David

Lt. Gen. Richard P. Formica, commanding general, U.S. Army Space and Missile Defense Command/Army Forces Strategic Command, left, and his wife, Diane, present Leanne Ogden with the Honorable Order of Molly Pitcher July 16. The honor is bestowed by the U.S. Field Artillery Association to recognize women who have voluntarily contributed in a significant way to the improvement of the U.S. field artillery or air defense artillery communities. Leanne is the wife of SMDC's deputy chief of staff, engineer, Col. Jeffrey Ogden, right, who for the past six months has served as the interim chief of staff for the command.

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was hosted by Col. James Ton, commander of the U.S. Army Safeguard Command and Brig. Gen. Bates Burnell, commander of the U.S. Army Ballistic Missile Defense Systems Command.

During the visit at the PAR site, the Kissinger party received a briefing on the Safeguard system and a demonstration of live-satellite and simulated threat tracking.

Although, Kissinger's negotiations with the Strategic Arms Limitation Treaty talks specifically addressed the Army's Safeguard program, this was the secretary's first visit to the complex.

During a press conference that

evening, Kissinger observed that the ABM system, "has always been an abstraction to me and I wanted to see what these installations looked like and have a feel for what they can do.

"It certainly is helping my thinking to have a visible impression of what the physical sites look like," he added.

With talks scheduled to resume in Vienna, there was some question about the timing of the visit. Kissinger however assured the crowd that there was no connection, although it "certainly helps my thinking." He further elaborated that, "I consider it as extremely

unlikely that the strategic arms limitation talks would lead to a further reduction of ABM defenses. I do not think that is going to happen."

In fact, Kissinger bestowed praise upon the strategic forces.

"I was very impressed with what I saw this afternoon," Kissinger said. "I have always believed that I would not exchange our strategic forces for the Soviet forces. We are ahead in every significant category, and what I've seen today would support that conviction."

Kissinger concluded the strategic military forces in North Dakota are, "the strength of America."