

Missile Ranger

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August 2018

WSMR engineers develop solution for lost bandwidth



PHOTO BY ADRIANA SALAS DE SANTIAGO

A look at a data node located off of Nike. The nodes are implemented throughout the range to collect spectrum data in an effort to help predict real-time interference.

By **Adriana Salas de Santiago**
Staff Writer

White Sands Missile Range Electronic Engineers are working together with local university students to determine a solution for lost bandwidth accrued by commercial cell phone companies in 2015.

The collaboration between the University of Texas at El Paso and WSMR allows students to gain hands-on experience and for the installation to gain the research information necessary to create a viable solution for lost bandwidth, which is vital for obtaining test mission data.

“We’re still scratch-

ing the surface,” said Fil Macias, WSMR supervisor electronics engineer. “We’re trying to figure out, what are the limitations and challenges and trying to figure out what the future holds.”

WSMR now has to work more efficiently with less bandwidth to be able to gather test data

SEE BANDWIDTH ON PAGE 4

Garrison Change of Command



PHOTO BY LEAH ROMERO

Col. Christopher Ward, center, receives the colors from Brenda Lee McCullough, Director, U.S. Army Installation Management Command, Readiness, left, signifying his new role as Garrison Commander at White Sands Missile Range. See story on page 6. You can also see the ceremony at the Defense Visual Information Service at <https://www.dvidshub.net/video/613883/wsmr-garrison-change-command-brown-ward>

Community leaders tour Missile Range



University of New Mexico President Dr. Garnett S. Stokes, third from left, UNM Chancellor Paul Roth, left, UNM Regent Bradley Hosmer, second from left, met with White Sands Missile Range Commander Brig. Gen. Eric Sanchez, right, July 24 to learn more about the mission and help strengthen their partnership with the installation.

PHOTO BY CAMMY MONTOYA



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Toftoy mural
unveiled at
Frontier Club

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Announcements

Community Event

White Sands Missile Range Child & Youth Services invites you to be a part of our

19th Annual First Day of School Holiday

Thursday, August 9th
9:30am-11:30am
White Sands School

Get key information on the upcoming school year, before & after school programs offered through CYs, meet the teachers, and FREE school supplies and backpacks for the kids!

Many thanks to our supporters!



Memorial Medical Center



For more information call
678-7093



Community Event

3rd ANNUAL WSMR GREEN CHILE FESTIVAL

AUGUST 23rd

\$10

3:30pm - 6pm

FRONTIER CLUB BLDG. 1330
678-2055



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Missile Ranger



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Second Front

Air and Missile Defense System Prepares for Future Expanded Role

By **Chuck Roberts**
Staff Writer

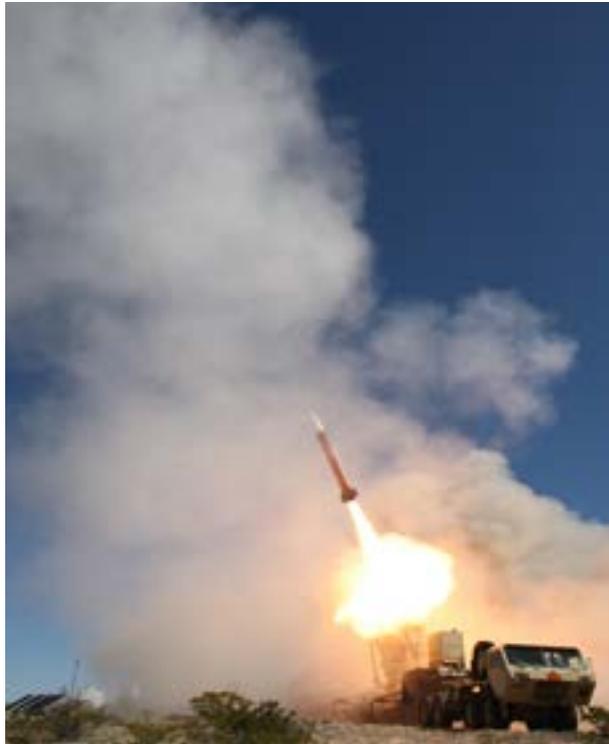
Londoners looked helplessly to the sky during World War II as German V-2 rockets plummeted into a city defenseless against ballistic missiles. Before the war ended, an estimated 2,754 Londoners died as a result of more than 1,400 V-2 rockets launched more than 700 miles from Peenemunde on the northern coast of Germany.

During the Gulf War in 1991, Saddam Hussein fired ballistic Scud missiles against Coalition Forces and citizens in Saudi Arabia and Israel. However, during this war, the U.S. Army deployed the Patriot missile defense system for the first time in combat, proving its effectiveness.

As citizens and Soldiers watched incoming Scuds approaching, they witnessed the Patriot guided interceptors destroy them in mid-air.

Today, an Army Air and Missile Defense Test Detachment, AMDTD, at White Sands Missile Range is helping pave the way for a future air and missile defense system that broadens and enhances the playing field.

Instead of selecting from among separate anti-air and missile defense systems such as the Patriot, Sentinel, or Terminal High Altitude Area Defense, THAAD, sys-



U.S. ARMY PHOTO

A Patriot missile is launched for a test of the Army's Integrated Air and Missile Defense program.

tem, the battlefield commander will have simultaneous and instant access to a myriad of anti-air and missile defense systems and their radar sensors all linked together.

"Any sensor, any shooter is what the Army's Integrated Air and Missile Defense (AIAMD) concept is about," said Capt. Christopher Barber, Commander of the 3rd Battalion, 6th Air Defense Artillery Regiment, Air and Missile Defense Test Detachment at White Sands Missile Range.

"It's going to completely change the paradigm and the way we conduct air defense operations," Barber said.

As with most major military technological changes and developments, there is a small army of engineers and subject matter experts tasked with taking a project from the drawing board to the battlefield.

At White Sands Missile Range, that task falls to Barber, who leads the detachment of 132 Soldiers. Their focus the past two years has been integrating the Patriot system with the Sentinel, a radar system that can automatically acquire, track and identify enemy targets such as cruise missiles, aircraft and unmanned aerial vehicles.

The integration of the two previous independ-

ent systems will enable an integrated, layered defense design. Where each entity is then able to complement each other, creating a system of systems.

"We're putting this portion of the Army Integrated Air and Missile Defense system through its rigors to ensure all the software and hardware is running like it's supposed to before pushing it out to the operational force, and I think our unit is making great strides in getting there," Barber said. He is the third commander for the 3-6 ADA AMDTD since the detachment was stood up at White Sands Missile Range in 2014.

The 3-6 ADA AMDTD conducts software testing at the Tobin Wells training area at Fort Bliss, Texas, about 50 miles from White Sands Missile Range. Live fire testing takes place on the White Sands testing range not too distant from where the world's first atomic bomb was detonated in 1945. During a live-fire test in November 2015, Barber said a Patriot missile shot down a drone that was detected, tracked and engaged using a Sentinel radar, thus validating the significance of the AIAMD program.

"We provide the practical application piece," said Chief Warrant Officer 3 Christopher Trevino, a Senior Test Of-

ficer with the 3-6 AMDTD. Sometimes it's not only a matter of testing and verifying what the software engineers have developed, Trevino said, but to see how it would react if unexpected real-world events on the battlefield required an Engagement Operator to re-posture the system.

"So the Soldier here is bringing that tactical significance and practical application that the software engineer just isn't privy to," said Trevino. To the casual observer, an interceptor taking out a drone during a test takes only a matter of seconds, but Barber said each phase of testing requires months of meticulous preparation and detail is paramount.

"I stress this every day with my Soldiers, especially the new ones coming in," said Barber. "I need these guys here to give their best effort because this is the future of our national security, both here in the United States and globally."

Barber also gets his point across with Soldiers by putting it on a more personal level about the significance of their work.

"If you have a bad day and aren't giving your best efforts, then that increases the likelihood that a mistake could get fielded, and you could wind up using the very same air and missile de-

fense system that is supposed to be protecting you and the fellow Soldiers around you," said Barber.

The fact that the Test Detachment is living, working and testing at the birthplace of America's missile and space program isn't lost on Barber, and he tries to instill a sense of belonging to that history with monthly educational staff rides for his Soldiers to learn more about the local history that surrounds them.

"They are a part of history," Barber said of his Soldiers. "We are on the forefront right now to defend against tactical ballistic missiles and air breathing threats and possibly change an outcome at some point."

As his tour of duty nears an end with the 3-6 AMDTD, Trevino also reflected on serving at White Sands and being part of the AMD community.

"What I like is the relevance of anti-missile defense," said Trevino. "Air Defense Artillery assets are strategic chess pieces and strategic global assets. When there's a ground war going on and our brothers and sisters are in harm's way, we provide that level of comfort for those guys on the ground. That's the reality ... If you want to be relevant at all times. If you want to have a mission at all times, air defense is where you want to be."

Bandwidth

CONTINUED FROM FRONT PAGE

among encroaching cell phone technology. Bandwidth is vital for telemetry on the range, which helps determine real-time solutions for flight safety and helps assess what went wrong and what went well.

“I think it’s one of our most important sensors,” Macias said. “It’s an important source of information. The reason we’re here is to collect data.”

Macias and his team of engineers from the Information Management Directorate to include Pabel Corral and Duke Yasuda, have been working with UTEP Electrical Engineering graduate students to develop a model for a rejection filter that is placed on a telemetry antenna, which monitors LTE frequencies in an effort to reduce interference during a test mission. In order to properly obtain data during a test mission, the team concluded they must work at higher frequencies; however, higher frequency means greater challenges to collect data. Currently the installation uses what is known as a legacy Spectrum Monitoring System, which works to protect the range’s spectrum by tracking interference and providing Radio Frequency data. Macias said the new telemetry tracker will not only provide current capabilities of the old system but will also provide real-time interference tracking capabilities.

“The students are helping model the filters, and



COURTESY PHOTO

Pabel Corral, far left, and Duke Yasuda, left, pose for a photo with WSMR IM team members in front of the new telemetry trackers.

in doing so, are developing an automated test framework capable of presenting varying spectrum conditions,” Macias said.

“The information gathered...will provide the team with the necessary information to make adjustments to systems that will become part of the WSMR telemetry operations.”

There are also 24 sensor arrays, known as data nodes, which are implemented throughout the range to collect spectrum data in an effort to help predict real-time interference. The new tracker has already been tested in recent test missions like Patriot, Black Brant and Black Dagger.

The new system has

provided positive results, even in its early stages. The project is expected to be completed in the spring of 2019.

“Our teams have been working diligently getting this new capability and have done an exceptional job of engineering and integration,” Macias said.

Corral and Yasuda have been working with UTEP engineering graduate students Pablo Rangel, Juan Gonzalez, Jose Castillo and Mizra Mohammad since March 2016. There were never more than three students on the project, and when a student would graduate another student would be brought in.

Rangel went on to obtain his PhD and is currently working as an as-

sociate professor at the Texas A&M University at Corpus Christi. Gonzalez obtained his master’s degree while working on the project and moved to Austin, Texas, where he accepted a position at Intel. He worked so closely with Corral and Yasuda that he even invited them to join his thesis committee.

“It was a great collaboration,” Gonzalez said. “Usually when you’re in school you never really know what you want to do until you’re exposed to it...I want to thank them for giving us that opportunity. It was great the range opened up that partnership with us.

The student contributions help the team understand conditions where the telemetry capability

could experience interference due to internal or external signals emanating from a commercial wireless service.

“As wireless applications grow, so do the number of devices, networks and systems vying for the communications spectrum,” he said. “This could pose a challenge.”

The WSMR IM team is also working with Range Operations and Army Research and Laboratory for facets of the project. The collaboration with UTEP students was made possible through the academic partnership between the ARL Open Campus Program under the leadership of Patrick Debroux, an electronics engineer.

Corral and Yasuda said the partnership with the students not only provided them with an opportunity to teach college students, it also taught them a lot. Aside from having to learn to use the new filter being designed, Corral said they learned a lot in terms of new technology.

“It was like going back to school,” Corral said.

“It went both ways, we learned and they learned,” Yasuda said.

The partnership with UTEP also serves as a cost-saving form of research because Macias said he is able to validate tracking performance without having to schedule a missile shot.

“This way we have been able to verify the system by introducing numerous conditions,” he

said. “By the time it gets into the hands of the test operator, we know it will work.”

In 2015, 25 MHz was the first band allocation to be auctioned off for commercial use. Prior to 2010, the spectrum was allocated for the installation’s use and no other entity was allowed to access the band. Since 2010, the spectrum has become ideal for cell technology and the FCC developed a National Broadband Plan calling for 500 MHz to be sold off in an effort to promote economic growth.

WSMR Commander Brig. Gen. Eric Sanchez visited the students at UTEP in May to emphasize his dedication to the partnership between local universities and the range.

The project has four objectives; becoming more efficient with less spectrum, improving telemetry’s recovery to be more efficient, supporting different frequency bands and improving the way bandwidth is managed through Dynamic Spectrum Managing.

“We’ve got to start getting smarter about sharing and coexisting,” Macias said. “We expect telemetry will evolve just like cell phone technology has evolved.”

Macias said he is confident the range will have an entirely new telemetry and spectrum capability by this time next year.

“We’ve actually gone back to our engineering principles,” he said.

“We’re confident it’s going to work.” ✚

Trinity Site Staff Ride a success

Story and photos by
Leah Romero
Staff Writer

A group of White Sands Missile Range civilian employees participated in the inaugural Trinity Site Staff Ride on July 3.

The purpose of the Public Affairs-sponsored event, revived from years past, is to boost morale and give employees a personal view of a defining moment for the installation.

The group of six were made up of civilian employees from various areas of the installation. After a two-hour ride through the test range, which included the first glimpse of an Oryx for some, they arrived at the Trinity Site to see the obelisk marking ground zero, Jumbo and the McDonald Ranch House.

Jumbo was a 214-ton steel casing designed to encase the bomb to prevent dangerous plutonium from scattering across the countryside if the chain reaction failed to occur. As confidence in the plutonium bomb design grew, however, it was decided not to use Jumbo. The casing sits at the entrance of the walkway headed toward ground zero. The group then toured inside the ranch house where the plutonium core was assembled and transported inside a Chrysler Plymouth for the 2-mile trip to the test site.

Darren Court, the cu-



Participants from the inaugural Trinity Site Staff Ride view the obelisk marking the spot where the world's first nuclear explosion occurred July 16, 1945. The staff ride, intended to boost employee morale and give employees insight into White Sands history, will be conducted on a regular basis. Future trips will be posted on the WSDM New Page, along with guidelines for signing up for the trip.

rator of the WSMR Museum, accompanied the group on the tour and gave an insightful historical account of each site, and participants were given time to look around, ask questions and take pictures.

The six people who attended the tour were chosen in a way that would include a range of departments and number of working years at WSMR. Experience ranged from over 20 years at the installation to only a few months.

One of them was Laura



A participant from the inaugural Trinity Site Staff Ride views displays inside the McDonald Ranch House.

Norton, the Equal Employment Opportunity Manager for the garrison who has been at WSMR for four months. She said she enjoyed the tour and is personally fascinated with World War II history.

"We have some really unique things here, and so understanding that and appreciating that heritage and history, that is part of what we do here today," Norton said.

Pedro Parra, a meteorology technician in the Range Operations Directorate, has been working

at WSMR for 15 years and has a total of 37 years of federal employment. Parra said in all his years of working at the installation, he had been near the Trinity Site but never inside the gate.

"History has always been interesting to me and I see so many reminders of past life on the test range," Parra said. "I've always wanted to take a Trinity tour and this was a great opportunity to take advantage of."

Both Parra and Norton said they are interested in taking more tours to learn more about the WSMR area.

Public Affairs used the trip as a pilot and plans to offer future Trinity Site Staff Rides on a regular basis. Future trips and the opportunity to sign up will be posted on the WSDM News page. +

Briefs

ICE

The Interactive Customer Evaluation System or ICE is currently only accessible on the .mil network as Defense Information Systems Agency is now maintaining the ICE servers. As a result everything related to ICE works from a .mil network. However, using ICE on a non-.mil device or computer will not work.

Workforce Professional Development

The following Workforce Professional Development seminars will be presented:

Aug. 22 – Time Management for Real People presented by Glen Adams 9 to 11 a.m. at Building 21080, Room 134

Sept. 19 – TSP to ROTH Conversion presented by Tom Chaney and Ernie Sichler 9 to 11 a.m. at Building 21080, Room 134

Oct. 24 – Identify Your Character Strengths Challenges and Leadership presented by Mariette Meador 9 to 11 a.m. at Building 21080, Room 134

Nov. 14 – Social Security presented by Tom Chaney and Ernie Sichler 9 to 11 a.m. at Building 21080, Room 134

Dec. 12 – Surviving the Holiday Season presented by SMILE 9 to 11 a.m. at Building 21080, Room 134

Office Management Assistants Training Schedule

Aug. 8 – Defense Travel System presented by Derrick Fant and Melissa Perez 9 to 11 a.m. at Building 21080, Training Room

Sept. 12 – Resume Writing and Interview Skills presented by Glen Adams 9 to 11 a.m. at Building 21080, Training Room

Oct. 17 – Executive Administrative Skills Marvin Perkins 9 to 11 a.m. at Building 21080.

Nov. 7 – Protocol Do's and Don'ts presented by Cindy Cook 9 to 11 a.m. at Building 21080, Training Room

Dec. 5 – Individual Development Plans presented by Jessica Maitland and Melissa Perez 9 to 11

Missile Ranger Submission Policy

Submissions to the Missile Ranger are accepted anytime for publication in the following issue, space permitting.

All submissions will be edited for style, content and propriety. Submissions must include a point of contact identified by first and last name and a telephone number for that point of contact.

Submissions can be made by e-mail to the following usarmy.wsmr.atec.list.ranger@mail.mil; also in person at the Public Affairs Office, Building 1782; or call (575) 678-2716.

Ward assumes Garrison command

By Victoria Garcia
Staff Writer

The White Sands Missile Range Garrison Command passed from Col. Dave Brown to Col. Christopher J. Ward during a change of command ceremony held July 17 in front of the majestic landscape of the Organ Mountains Parade Field.

Although a change of command ceremony is an Army tradition that focuses on time-honored values and traditions rather than the accomplishments of individuals, Brown's hard work and successes were too great to ignore for White Sands Missile Range Commander Brig. Gen. Eric L. Sanchez, who congratulated Brown on a job well done.

"He has been one of the best team players you could ever ask for," Sanchez said. "I've watched him build his team, the Garrison team, over the last two years and I've been in awe just watching the things he's been able to do."

Sanchez went on to praise Brown for being a dynamic and innovative leader who took the time to know everyone around him, such as people from the fire department or the grounds and roads crew.

"He's very good at communicating the good, the bad and the ugly...I could always count on Col. Brown's judgement to make the right call," Sanchez said.

Sanchez thanked both Brown and his wife Christina for not only their con-

tributions to WSMR, but for their friendship and loyalty.

When it came time for Brown to deliver his parting words, he reflected on a memorable two years at White Sands.

"It has been a long, educational and at times, difficult road since Christina and I arrived just over two years ago," Brown said. "This is one of the most rewarding assignments and I can tell you that I'm absolutely certain that I took care of and took command of the best."

When Brown first took command two years ago, he said he vowed to continue the installation's functions and services, to overcome the challenges ahead by pulling together as a team, and to contribute to the legacy of the birthplace of America's missile and space activity.

Two years later, Brown said he is positive that he hit that mark.

Brown acknowledged the support of not only the dedicated volunteers, whom he called the life blood of the community, but also his wife.

"I like to talk about teamwork. She's my teammate. Honey, you put together one heck of a team and made my job real easy," Brown said.

Ward, a native of Caldwell, Idaho, is no stranger to New Mexico as he was commissioned at the New Mexico Military Institute in 1994.

"My family and I are really happy and excited to be a part of the White Sands team."

Toftoy mural unveiled in Frontier Club room

By Wesley Gray
Staff Writer

"As we move forward, people come and go. Sometimes the past gets left behind, and we are here today to ensure Maj. Gen. Holger Nelson Toftoy is remembered for his passion in rocketry."

Following this introduction, Garrison Archaeologist Bill Godby and White Sands Missile Range Commander Brig. Gen. Eric Sanchez helped unveil a 3 by 6-foot reproduction of a mural mounted at the entrance of the newly renamed Toftoy Room, formerly the Aztec Room, at the WSMR Frontier Club.

The renaming was suggested by Sanchez to both honor Toftoy and artist Robert Glaisek. The original 6 by 17-foot mural, located in the Materiel Test Directorate building, was painted in 1957 by a then Private 1st Class named Robert Glaisek. Glaisek was an artist with the Illustration Section at the time.

Toftoy began his military career in 1926 when he was commissioned from West Point.

In 1944, Toftoy became Chief of the Army Ordnance Technical Intelligence team to seek out and evaluate enemy ordnance in Europe.

Toward the end of World War II, Toftoy was tasked to recover German V-2 rockets and parts and ship them back to the United State.

He also recognized the value and need to utilize



U.S. ARMY PHOTO BY ADRIANA SALAS DE SANTIAGO

Archaeologist Bill Godby and Brig. Gen. Eric Sanchez unveil a mural marking the new Toftoy Room at White Sands Missile Range.

German engineers and scientists to teach us how to assemble and launch the rockets.

Operation Paperclip was created to bring the scientists to the U.S. for that purpose and stationed at Fort Bliss, Texas. Maj. James Hamill served as the boots on the ground to execute Toftoy's plan.

For 10 days, Hamill and his crew loaded V-2 rockets and parts into freight trains and transported them from Germany to Belgium, and then to New Orleans before arriving in Las Cruces aboard 300 railroad freight cars.

The reassembly of the V-2 rockets at White Sands Proving Ground was a tremendous effort, including translating manuals into English, building infrastructure such as test stands and blockhouses and assembly and testing of the motors.

Reconstruction of the rockets was led by Werner von Braun and his team of German "paper-

clippers", as they were called, who traveled daily from Fort Bliss to the Proving Grounds to assist the American scientists and engineers.

In April of 1946, the first V-2 rocket was launched Army Launch Area 1, now known as Launch Complex 33. Sixty seven V-2 rocket launches followed, exploring the upper atmosphere and paving the way for the development of the space program, our first lunar landing and future military development of ballistic missiles.

To help commemorate Toftoy's achievement, Hamill reached out to a painter Glaisek in 1957 and asked him to produce a mural honoring his former boss Toftoy.

Taking several months, Glaisek created the magnificent painting of the Organ Mountains that towered above White Sands Proving Ground.

Off to the left-hand side of the mural is a Spanish Conquistador symbolizing the early exploration and settlement

of the southwest.

On the opposite end of the painting is Toftoy, who represents the scientists and engineers working at White Sands. Cupped in his hands is an atom, as Glaisek said he believed it possible that nuclear energy might be used to power spaceships in the future.

Both figures in the mural are seen gazing up at the moon.

In a recent interview Glaisek stated "space was a hot topic as both the United States and Soviet Union announced they would launch man-made satellites for the International Geophysical Year" with the desire to go to the moon.

The space race had begun.

In his comments during the renaming ceremony, Sanchez joked that during his first briefing at the Materiel Test Director's Office, where the mural resides, he could not keep his eyes off it.

"I was attracted more to the mural than what was being briefed to me."

Community leaders visit WSMR Museum hosts TRADOC

Community Leaders Tour Missile Range



Maingate United, a group of civic leaders and business people in the Alamogordo area visited White Sands Missile Range and had a chance to see some of the capabilities WSMR has to offer its testing customers to include a missile launch. Their job is to be a liaison with Holloman Air Force Base, Fort Bliss and WSMR. View the video at: <https://www.youtube.com/watch?v=6Ma1lxOqsFU>

Air Force Change of Command



U.S. ARMY PHOTO BY MIKE SMITH

U.S. Air Force Lt. Col. Hans Buckwalter, Commander for the 586th Flight Test Squadron, left, passes the colors to incoming Detachment 1, 586th Flight Test Squadron Commander Maj. Paul Dolce, right, during a Change of Command ceremony July 9 at the Cox Range Control Center. Prior to his arrival Dolce served as the test lead for the Air Force's Vice Chief of Staff's directed hypersonic Air-Launch Rapid Response Weapon.

TRADOC

The White Sands Museum hosted the TRADOC Analysis Center workforce professional development. In its years of operation, White Sands Missile Range has been associated not only with developmental and operational testing of various weapon systems but also future-force shaping analytical efforts.

The Training and Doctrine Command Analysis Center White Sands Missile Range, TRAC-WSMR, has been a tenant unit on WSMR in some form since the 1970s. Its mission is to provide relevant, credible analysis to inform decisions about the Army's most important and challenging issues.

Recently, members of TRAC-WSMR took the opportunity to get some face-to-face time with the forerunners that set the stage for the kinds of future systems TRAC is helping to advance. On May 5 Civilian and Military personnel from TRAC-WSMR participated in a private tour of the White Sands Missile Range Museum. The tour was a capstone to a two-part review on past and current Air Defense Artillery systems.

The White Sands Missile Range Museum is open to the public Monday thru Friday 8 a.m. to 4 p.m. and Saturdays 10 a.m. to 3 p.m. Individuals or units wishing to learn more can call (575) 678-2250. +



Darren Court, White Sands Missile Range Museum director, discusses the development of the U.S. military's Nike program, which has its roots on WSMR, in front of actual systems designed and tested here.



Darren Court, White Sands Missile Range Museum director, discusses the V2 rocket program in front of an original V2 rocket currently on display at the museum. The rocket was built by German scientists during World War II. This same rocket was later seized by US forces and taken to the United States, where it became the basis for America's own rocket program.

Community Calendar

Community Calendar submissions are compiled by the Public Affairs Office. Any WSMR organization wishing to publicize an event on this calendar should submit information to usarmy.wsmr.atec.list.ranger@mail.mil.

Frontier Club Lunch Specials

Monday, Aug. 6

Frontier Club - Chicken teriyaki

Tuesday, Aug. 7

Frontier Club - Taco Tuesday

Wednesday, Aug. 8

Frontier Club - Pork medeira

Thursday, Aug. 9

Frontier Club - Swedish meatballs

Friday, Aug. 10

Frontier Club - Nachos

Monday, Aug. 13

Frontier Club - Ginger pepper beef

Tuesday, Aug. 14

Frontier Club - Red chile enchiladas

Wednesday, Aug. 15

Frontier Club - Grilled chicken spiedini

Thursday, Aug. 16

Frontier Club - Grilled pork chops

Friday, Aug. 17

Frontier Club - **Closed (No service)**

Monday, Aug. 20

Frontier Club - Green chile relleno

Tuesday, Aug. 21

Frontier Club - Green chile enchiladas

Wednesday, Aug. 22

Frontier Club - Green chile chicken Alfredo

Thursday, Aug. 23

Frontier Club - Green chile meatloaf
Green Chile Festival 3:30 to 6 p.m.

Friday, Aug. 24

Frontier Club - Green chile flautas

Closed Saturday and Sunday

August

- Aug. 9 - WSMR Commander Brig. Gen. Eric Sanchez farewell dinner
- Aug. 10 - WSMR Change of Command
- Oct. 6 - Trinity Site Open House

**White Sands Missile Range
POST THEATER
Movie Line-up
August 2018**

- Friday 8/03/18, 1900—**Man on Fire** (R)
- Saturday 8/04/18, 1800—**Adrift** (PG-13)
- Sunday 8/05/18, 1600—**Ice Age** (PG)
- Friday 8/10/18, 1900—**DeadPool 2** (R)
- Saturday 8/11/18, 1800—**Life of the Party** (PG-13)
- Sunday 8/12/18, 1600—**Monsters University** (G)
- Friday 8/17/18, 1900—**Traffic** (R)
- Saturday 8/18/18, 1800—**Breaking In** (PG-13)
- Sunday 8/19/18, 1600—**Willy Wonka & Chocolate Factory** (G)
- Friday 8/24/18, 1900—**Book Club** (PG-13)
- Saturday 8/25/18, 1800—**A Quiet Place** (PG-13)
- Sunday 8/26//18, 1600—**Sing** (PG)

"R" Rated Policy:
Everyone under the age of 17 must be accompanied by a parent or guardian or the parent needs to physically provide verbal approval

Make sure to visit the Post Theater **Snack Bar** for your **Popcorn, Soda, and Candy Needs!!!***

*Provided by

Frequently Called Numbers

Aquatic Center
678-1068

Army
Community
Service
678-6767

Arts and Crafts Center
678-5321

Auto Crafts Center
678-5800

Bell Gym 678-3374

Bowling Center 678-3465

CDS 678-2059

Community Center
678-4134

Commissary 678-2313

Frontier Club 678-2055

Library 678-5820

McAfee Army
Health Clinic
674-3500

Museum 678-2250

Post Chapel 678-2615

Post Office 541-7429

Outdoor Recreation
678-1713

White Sands Schools
674-1241

Youth Services/SAS
678-4140

IHG Army Hotel, WSMR
678-1838/4559