

Points for Discussion continued

Commercial Space

Commercial space has become an increasingly-important area of work for White Sands Missile Range. WSMR works with a dozen commercial companies as well as NASA to further America's ability to conduct sustained public and private operations in space. WSMR works closely with SpacePort America in those endeavors.

WSMR Garrison

Conversations in the past that discussed the possibility of combining the WSMR Garrison with the Ft. Bliss Garrison have proved to not have any efficiency for the DOD. They have proved to actually increase the cost to the Army. The mismatch of missions between the WSMR Test and the Ft. Bliss training could have resulted in the decision making conflicts that would negatively impact the WSMR.

Looking into the future, IMCOM's decision to align the WSMR Garrison in the Readiness IMCOM Support Directorate rather than the Sustainment Directorate (with other ATEC Installations) could create similar conflicts. A potential decision to replace WSMR Garrison leadership with a civilian manager potentially could hamper its relationship with other military led Garrison's in the region. While this potential decision was averted this year, the local region should be aware that this topic may continue to be an issue.

BRAC/Budget

Budget issues of the past and current are still having a tremendous effect on WSMR. WSMR has lost workforce in recent years which also means they have lost a lot of historical knowledge but hiring freezes have not allowed event the replacement of the past staff. The impact on WSMR is even more dramatic as while they have lost staff, their workload has increased. WSMR seeks opportunities for investments in infrastructure that automates their work and makes testing and evaluation more affordable.

BRAC discussion seem to have relented in 2018, but the issue of over-capacity still impacts the DoD budget. The region can still make a case that the Southern NM/Far West Texas military bases are ideal for additional missions that may help create efficiencies for DoD. Our regional community (Alamo, El Paso and Las Cruces) are gathering info to defend and grow their missions, which is reflected in the work by the ARMS Committee. Other military bases and their associated communities are also doing this same work, which means that our community needs to be diligent in our advocacy and support for our region's military bases.

Chamber Military Affairs Committee

The GLCCC Military Affairs Committee is responsible for participation in the Alliance for Regional Military Support (ARMS) and supporting both WSMR and the NASA White Sands Testing Facility. The Committee members advocate for regional military installations and their missions as well as increasing community awareness and support for the military.

Committee Members

Janet Acosta	Bill Gutman	MaryBeth Reinhart
Gabrielle Apodaca	Albert Herrera	LTC Blanca Reyes
Steve Aragon	Dan Hicks	Miriam Rodriguez
Judy Baca	Kiel Hoffman	Rene Romo
Len Boulas	Tony Holmes	Gen Fermin Rubio
Michael Britt	Tom Hutchinson	Hector Sanchez
COL Dave Brown	David Ikard	Elain Sasnow
Don Buck	Rick Jackson	Wayne Savage
Joe Bullington	Eric Kivi	Hanson Scott
Bill Carpenter	Jeremy Klomp	LTC Daniel Stark
Bill Connor	Carl Krause	Allen Tyree
John Darden	Christine Logan	Jerry Tyree
Paul Deason	Davin Lopez	Audrey Valdez
James Dolan	Monica Lucier	Erin Ward
Dan Duggan	Joe Martinez	Priscilla Wilson
Stuart Ed	Eric Montgomery	CSM William Wofford
Eric Enriquez	Debbi Moore	Ben Woods
Gene Gant	Dara Parker	
Charlie Garcia	Jake Redfearn	
COL.(R) Gary Giebel	Sharon Reese	

Local Military

White Sands Missile Range (WSMR) is the largest overland test range in the United States, occupying approximately 3,200 square miles of southern New Mexico. Some of the most advanced and sophisticated weapons and systems from around the world are tested at WSMR.

The missile range is considered the premier test facility for the Department of Defense and supports testing for other service agencies as well as many cooperative foreign endeavors.

The local economic impact of WSMR is in excess of \$4.7 million per day.



From the first atomic bomb test at the Trinity Site to today's technologically advanced military systems, WSMR has been on the leading edge of science and technology.

Established as White Sands Proving Ground July 9, 1945, and renamed in 1958, the range has earned the designation "Birthplace of America's Missile and Space Activity" by setting numerous firsts for America's space program.

Milestones include achieving the first high altitude and velocity records for a single-stage rocket and the first photographs to show the curvature of the Earth.

The missile range and its tenant activities continue to test today's complex systems and provide the technology and trained personnel necessary to evaluate the equipment of the future. A one-stop test location, WSMR supports all aspects of system design, development and fielding in support of America's soldiers.

Points for Discussion continued

Following along that topic, another area that aid a military base like WSMR is the ability for Direct Hire for any servicemember's spouses. WSMR housing is currently being used by not only Army service members, but also service members of the Navy and Air Force. The ability to direct hire spouses from any service will not only enhance WSMR's workforce but will provide a better family situation for all DoD Service Members.

Partnerships and Regional Growth

Constantly-evolving threats mean WSMR must increase its ability to test over longer distances. We'll do so through collaborative partnerships with our surrounding communities. WSMR maximizes the use of its land and airspace responsibly, economically and ecologically. WSMR will also continue to work with the NM State Land Office when planning for current and future needs.

We will continue to develop mutually-beneficial relationships with our surrounding communities and in concert with the other military bases in the Borderland. Along those lines, we have supported the proposed legislation for National Park designation for White Sands National Monument. As part of that legislation is the realignment and additional access corridors for WSMR, which helps to address current issues and provide for future compatible use with the monument area.

The Southern NM / West Texas region has successfully used Office of Economic Adjustment (OEA) funding for the development of the Southern NM – El Paso Joint Land Use Study (SNMEP JLUS) and the subsequent SNMEP JLUS Implementation Committee work. Implementation of the action items from the study continues and is important to the sustaining, maintaining and growing both the military missions and communities in our region. This is a direct example of the work that OEA does, outside any BRAC actions. This year there has been commentary on Capital Hill that OEA should be closed as there is not any planned BRAC actions in the future. We should advocate for the continuation of the OEA mission, with the necessary focus on the non-BRAC actions such as the SNMEP JLUS process.

One area of focus for WSMR is the coordination of Air Space that is under their control. This coordination is extremely important, as it is used by other partners in the region (Holloman AFB, Ft Bliss, Kirtland AFB, Cannon AFB and Spaceport America). WSMR leadership is committed to working with all the regional partners to mission capabilities are met. Meeting those mission needs may include expanding the schedule to include 7 days a week, a process that WSMR has already made a part of its planning schedule.

Points for Discussion continued

Information Systems Facility – Budget: \$52M 19	Target	Start:	FY
Missile Assemble Support Facility – Budget: \$11.6M 24	Target	Start:	FY
Other Projects high on WSMR Priority List: AMC Logistics Complex – Budget: \$59M 24	Target	Start:	FY
LC31 Fire Station – Budget: \$3.1M 23	Target	Start:	FY
Las Cruces Substation – Budget: \$5.8M 24	Target	Start:	FY

WSMR REPI / ACUB Program – Last year WSMR was approved to be included in the DoD REPI/ACUB program with an approximate \$2M designated for the program. Since that time WSMR has one designated partner (the NM Land Conservancy) and action has begun on the targeted land parcels that will help to keep encroachment on the base at a minimum. The is continued funding of this program is important for the success of this program.

Currently there is a pilot funding mechanism that will allow for RTD&E monies, if available, to help provide funding for MILCON type projects that are needed sooner than the typical MILCON funding would be available. This Pilot Authority is set to expire in 2020. Although WSMR has not been able to use this Pilot Funding Mechanism (lack of available funds). The ability to use this in the future provides flexibility when they face need testing infrastructure urgently.

WSMR provides the region with high-paying jobs in technical and non-technical fields.

Our leadership will continually examine future needs in a way that leads to the shaping of a workforce designed to maximize the efficiency and effectiveness of our testing mission.

WSMR will actively recruit top talent from the region's universities, develop our people and make every effort to keep subject matter experts critical to national defense.

A recent key action that has helped WSMR in meeting the quality workforce need is the Direct Hire Capability that was included in the 2016 NDAA. An action on this particular point is needed as this Direct Hire Capability is set to sunset after FY19. WSMR has shown the success of this action with associated safeguards in place. Therefore, requesting the extension of the Direct Hire Authority is a high priority.

Local Military

As technology improves at a rapid pace, the Army has had to keep pace. To help keep soldiers equipped with the latest technology rugged enough to survive in the field, WSMR hosts the Network Integration Evaluations. The large-scale test event allows soldiers to take new technology from weapons systems to networked communications systems into the field, and use them just as they would in battle. The evaluation program allows the Army to develop better systems faster and in a more cost-effective manner than ever before.

WSMR Museum and MissilePark, open to the public, is filled with treasures from the installation's past. Artifacts on display include remnants of some of the early native peoples who originally settled the area that is now WSMR, as well as the ranchers and cowboys who worked the land before it became a military range.

More recent displays gave a glimpse into the history of military activities on WSMR, including everything from the testing of ballistic missile technology to small manportable systems.

WSMR facilities available to military active duty and retirees include a commissary pharmacy, guest lodging managed by InterContinental Hotels Group, recreational vehicle full-service parking, arts and crafts center, outdoor recreation and post exchange.

Another popular attraction on WSMR also open to the public is the pristine 11-hole (plays as 18 holes) golf course that offers one of the best values in golf in southern New Mexico.

Two world-renowned events held at WSMR annually that are also open to the public are the Bataan Memorial Death March (www.bataanmarch.com) and the Trinity Site Open House, held the first Saturday in April and October (www.wsmr.army.mil/PAO/Trinity/Pages/default.aspx).

For more information, visit www.wsmr.army.mil.



EXHIBIT 4.1 INPUT DATA FOR EMPLOYMENT AND SPENDING BY INSTALLATION, 2013

Installation	Employment				Spending				Total
	Active Duty Guard & Reserve	Federal Civilian Appropriated	Contractor & Unappropriated	Total	Construction	General Contracting	Local Purchasing	Total	
FORT BLISS	31,093	3,503	7,267	41,803	\$216,123,342	\$651,469,325	\$4,219,411	\$1,071,512,078	
HOLLOMAN AFB	4,171	845	455	5,471	13,711,247	45,162,471	2,030,561	60,904,279	
GERMAN AF	482	58	-	540	-	-	-	-	
WHITE SANDS MISSILE RANGE	1,066	1,961	2,954	5,981	6,605,334	315,995,651	2,659,747	325,260,732	
TOTAL	36,752	6,367	10,676	53,795	\$236,439,923	\$1,212,327,447	\$8,909,719	\$1,457,677,09	

Source: Environmental Division, Directorate of Public Works, Fort Bliss; Strategic Initiatives, WSMR; and Public Affairs Office, 49th Wing, Holloman, AFB. Construction and General Contracting

EXHIBIT 5.3 IMPACTS OF MILITARY EMPLOYMENT AND SPENDING ON DOÑA ANA COUNTY BY INSTALLATION, 2013

Employment (job number)	Fort Bliss		Holloman AFB	WSMR	Totals	% County Total
	Direct	Indirect	Total	Total	Total	Total
Direct	4,270	290	290	4,810	9,360	
Indirect	350	30	30	670	1,050	
Induced	1,070	110	110	1,640	2,810	
TOTAL	5,690	430	430	7,110	13,220	14.6
Labor Income (000s \$)						
Direct	222,065	22,713	22,713	332,459	577,237	
Indirect	13,091	1,303	1,303	24,228	38,622	
Induced	37,897	3,753	3,753	58,290	99,940	
TOTAL	273,053	27,769	27,769	414,977	715,800	17.6
Industry Output (000s \$)						
Direct	755,001	44,917	44,917	701,857	1,501,775	
Indirect	35,247	3,499	3,499	66,733	105,480	
Induced	116,048	11,409	11,409	179,132	306,589	
TOTAL	906,296	59,825	59,825	947,722	1,913,843	18.6

Source: Impacts modeled in IMPLAN v. 3.1.1001. Author's calculations. Note: Numbers may not add up due to rounding.

WSMR is well-positioned to host DoD's Joint Directed Energy Center of Excellence. HELSTF is a key player in the Directed Energy programs and both Secretary of the Air Force Heather Wilson and Senator Heinrich have publicly supported the need for a Joint Directed Energy Center of Excellence. Michael D. Griffin, the undersecretary of defense for research and engineering, has indicated that "DE is needed in all four venues: land, sea, air and space." WSMR and the surrounding communities are working in all of these venues. Funding for HELSTF would be needed to test future capabilities and it would be in the best interest of DoD to concentrate the funding at a range that can test all these capabilities than to try and spread the funding to ranges that cannot meet all the needs.

A capability that is underutilized at WSMR is the existing battalion sized infrastructure that has remained vacant since the departure of the 2nd Engineer Battalion. This \$170M move in ready campus comprises the newest facilities on WSMR and finding the organization that makes the most sense to compliment the mission work on WSMR is a high priority. Additional force structure on the installation will facilitate improved services for the community and improve quality of life on a remote and isolated installation. This is important as FMWR activities are potentially going to take a significant funding cut in the near future.

Fortify Our Infrastructure

We must modernize our range equipment to include radars, telemetry and other vital systems so we can continually provide the most precise measures of performance in every test.

The newest of our range radars are approaching 40 years old. Some date to the 1960s.

Most of the WSMR physical plant is 1960s vintage. This impacts accomplishment and personnel safety. As mentioned above, WSMR has developed a Strategic Plan that lays out a plan of action to help the base focus on 3rd Offset strategies. Current WSMR leadership has helped to refine that Strategic Plan into actionable items, including physical plant upgrades, for the near term that will help set the organization up for the long term.

MILCON projects are being programmed for the upcoming years – we appreciate both the DoD and our Congressional Leadership for budgeting for these important projects. These projects include:

SOURCE: IMPACT OF FORT BLISS, HOLLOMAN AFB AND WHITE SANDS MISSILE RANGE ON JOBS, INCOME AND INDUSTRY OUTPUT (PDF). (2015 , JANUARY 30). SOURCE: SOUTHERN NM EL PASO JOINT LAND USE STUDY 2015

Points for Discussion

Background

White Sands Missile Range is DoD's largest, fully-instrumented, open air range providing America's Armed Forces, allies, partners, and defense technology innovators with the world's premiere research, development, test, evaluation, experimentation and training facilities to ensure our nation's defense. No other installation can do what White Sands Missile Range does.

WSMR ensures the U.S. military has the technological capabilities to deter potential adversaries, and, if deterrence fails, to rapidly defeat them.

WSMR supports the Army, Navy and Air Force, as well as commercial and international users on a reimbursable basis, and conducted nearly 5,500 tests of some type in 2017.

Economic Impact

WSMR has an estimated daily economic impact of \$4.7 million.

WSMR constitutes 17 percent of the Army's land with more than 3,200 square miles of DoD-restricted airspace it controls 24 hours a day from the ground to space. That can be expanded to 7,200 square miles.

WSMR has an average daily workforce of more than 5,600 people. Adding in the contractor workforce brings the number to more than 7,100.

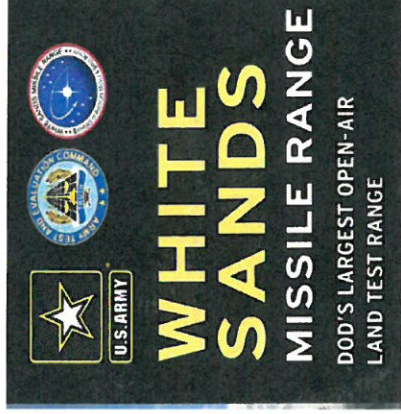
Topics/Concerns

Develop and Strengthen our Capabilities

Because WSMR continues to set the standard for research, development, test and evaluation, America can maintain its technological and operational advantages over any adversary. To do so, it must continually modernize in order to provide these unequalled capabilities.

White Sands Missile Range has a 30-year Strategic Plan that aligns with Chief of Staff of the Army and DoD priorities overall, and specifically long-range weapons and air and missile defense. WSMR is focusing on laser systems, hypersonics and autonomous systems that all support a core competency of Integrated Air and Missile Defense testing and evaluation. Budgets and coordination of this work is effectively done by TRMC. This organization was also a conversation point earlier this year as Congressional Leadership was questioning the need. The work and coordination provided by TRMC is critically important for WSMR and any MRTD&E range, especially as future infrastructure needs are planned out. It is important to advocate for the continued TRMC funding while on Capitol Hill.

White Sands Missile Range



WSMR's expansive land mass and airspace provide and excellent environment for large-scale programs such as the National Integration Evaluation and Bold Quest.

WSMR MISSION: White Sands Missile Range, DoD's largest, fully-instrumented, open air range, provides America's Armed Forces, allies, partners, and defense technology innovators with the world's premiere research, development, test, evaluation (RDT&E), experimentation, and training facilities to ensure our nation's defense readiness.

WSMR CAMPAIGN PLAN LINES OF EFFORT

DEVELOP/SUSTAIN HUMAN CAPITAL

Establish a cohesive, sustainable and set team through Training, Leader and Professional Development

FORTIFY THE INFRASTRUCTURE

Preservation and enhancement of equipment, facilities, information, and infrastructure within WSMR

IMPROVE TC PROCESSES/PRACTICES

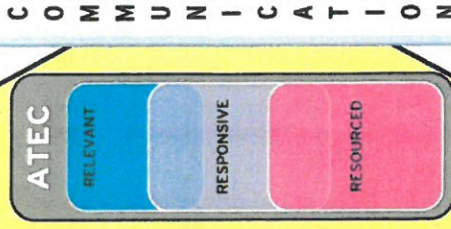
Total commitment to improved processes that can be measured, analyzed, improved and controlled

PARTNERSHIPS/REGIONAL GROWTH

Enhancement and expansion of partnerships and capabilities within and around WSMR and the surrounding communities

DEVELOP/STRENGTHEN CAPABILITY

Development and employment of tangible, innovative strategies and efforts to move WSMR ahead in support of future testing, and the DoD 3rd Offset



C O M M U N I C A T I O N

END STATE:

WSMR postured to meet the T&E challenges of rapidly increasing the Warfighter's lethality in a multi-domain battlefield.

White Sands Missile Range

White Sands Missile Range supported the 1st and 2nd Offset strategies and is poised to support the 3rd Offset with robotics, system autonomy, miniaturization, big data and advanced manufacturing.

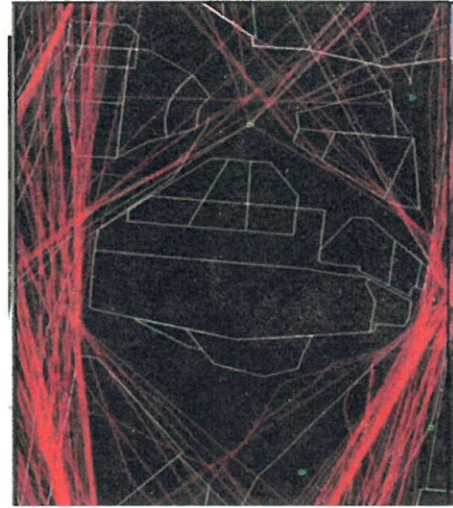


There is a long and proud history of space related missions at WSMR ranging from early high-altitude rocket shots and Navy research rocket support to the 1982 landing of the Space Shuttle Columbia at its White Sands Space Harbor and the 2010 testing of the NASA Orion Crew Exploration Vehicle. The range has excellent synergy with the nearby Spaceport America and continues to lead the way in space missions and launches.

SMR's Airspace is a unique set:

DoD Restricted Airspace and WSMR is Controlling Authority from Ground to Space, 24/7/365

FAA "WSMR SHADOW" Commercial Air Traffic Routes around WSMR (right)



2018 Travel Team



Dan Hicks
Spaceport America



Tracey Bryan
The Bridge of Southern New Mexico



Ben Woods
MountainView Regional Medical Center



Rico Gonzales
El Paso Electric



Ramon Gonzalez
Dona Ana County Commissioner



Isabella Solis
Vice Chair Dona Ana County Commission



Miguel Serrano
Las Cruces Public Schools



Greg Smith
Las Cruces City Councilor

2018 Travel Team



Lorenzo Alba
Casa de Peregrinos



Joe Bullington
Jacobs Technology



Bill Connor
United Way of Southwest New Mexico



Stuart Ed
Las Cruces City Manager



Kiel Hoffman
Pioneer Bank- Las Cruces



Richard M. Jackson
CASA NM
American Document Services



Bill Moore
D&B Enterprises



Debbi Moore
Greater Las Cruces Chamber of Commerce

Thanks Team WSMR

For over 15 years the Greater Las Cruces Chamber of Commerce has proudly hosted Thanks Team WSMR to honor and thank the Soldiers, Sailors, Airmen, Civilians, contractors and their families who carry out the WSMR mission. A day of activities, food vendors, prizes and entertainment are all provided free of charge for area military, families and supporters.



2018 Chamber Executive Committee



Jake Redfearn
Board Chair

NAI 1st Valley



Rick Jackson
Immediate Past
Chair
CEO

American Document
Services



Sabrina Martin
Chair Elect

Rehabilitation
Hospital of Southern
NM



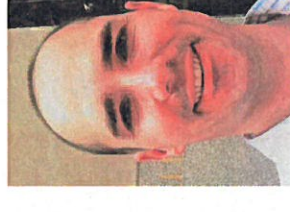
Jerry Harrell
Secretary/Treasurer

Double Eagle



Janet Acosta
Vice Chair Member
Relations

Haciendas at Grace
Village



George Vescovo
Vice Chair
Government
Relations

Vescovo Toyota



Richard Coltharp
Vice Chair
Community
Development

Las Cruces Bulletin



Rico Gonzales
Vice Chair
Business Devel-
opment

El Paso Electric

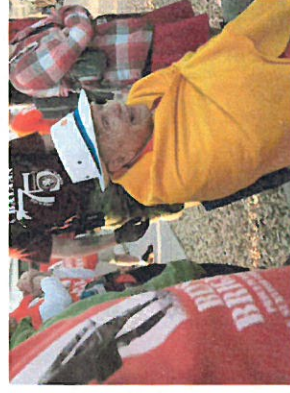
Bataan Memorial Death March 2018

The Bataan Memorial Death March is a living history lesson paying tribute to the World War II heroes who defended the Philippine Bataan Peninsula and Corregidor Island in the months after the bombings of Pearl Harbor. This year a record breaking 8,471 individuals from all over the world participated in this memorial march at White Sands Missile Range on March 25, 2018.



Retired U.S. Army Col. Ben Skardon walks the Bataan Memorial Death March. Skardon is the sole survivor of the original Bataan Death March who walks in the event. March 25th, 2018 marks the 11th time he has participated in this memorial event.

Bataan Death March survivor Ben Skardon, greets marchers as they pass him. Skardon continues to participate in the annual march at the age of 100.



Bataan Death March survivor Paul Ketchum jokes and greets marchers as the 29th Annual march began.

Chamber Mission

The mission of the Greater Las Cruces Chamber of Commerce is to provide valuable services for our members, enhance and sustain the economy, promote the community and serve as the leading voice and public policy advocate for business in the Greater Las Cruces region.

Top Five Priorities

Economic Development

The Chamber will proactively explore and champion an aggressive economic development vision for our community by direct communication and engagement with city, county, regional and state officials to become the leading voice for a vibrant local economy.

Advocacy, Governmental Relations & Public Policy

The Chamber will play the lead role as the independent voice of business by maintaining an active, informed presence at meetings of and with elected officials. Maintain the highest level of integrity and transparency throughout all of our advocacy efforts.

Workforce Development

The Chamber will become the umbrella organization assisting with Workforce Development, a key cog to the area's future development.

Connecting Business to Opportunities

The Chamber will continue the successful networking events and educational opportunities already in place and expand into industry specific areas. Celebrate new business and significant business milestones in the community.

Chamber Sustainability

To sustain the growth of the Chamber we must be relevant to the needs of our membership and provide the highest return possible on their investment. Implementing this strategic plan is a necessary step in accomplishing that goal in addition to what we are already doing.

Bataan Memorial Death March 2018





2018 Military Advocacy Profile



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GREATER LAS CRUCES
CHAMBER OF COMMERCE

Your Business is OUR Business



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