



Larry Hogan | Governor  
Boyd Rutherford | Lt. Governor  
R. Michael Gill | Secretary of Commerce  
Benjamin H. Wu | Deputy Secretary of Commerce

December 16, 2016

The Honorable Thomas V. Mike Miller, Jr.  
President, Maryland Senate  
State House, H-107  
Annapolis, Maryland 21401-1991

The Honorable Michael E. Busch  
Speaker, Maryland House of Delegates  
State House, H-101  
Annapolis, Maryland 21401-1991

**RE: Maryland Military Installation Council Annual Report**

Dear President Miller and Speaker Busch:

In accordance with the Economic Development Article §11-207(a), the Department of Commerce is pleased to submit the Maryland Military Installation Council Annual Report.

I look forward to your review of this report and will be available to furnish any additional information that is needed. If my staff or I can be of further assistance, or if you have any questions regarding this report, please contact me at 410-767-6301.

Sincerely,

R. Michael Gill  
Secretary

Enclosure



Larry Hogan | Governor  
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**MEMORANDUM**

**TO:** The Honorable Larry Hogan  
Governor

**THRU:** Craig Williams  
Chief of Staff, Governor's Office

**FROM:** R. Michael Gill  
Secretary


**DATE:** December 16, 2016

**SUBJECT:** Maryland Military Installation Council Annual Report

In accordance with the Economic Development Article §11-207(a), the Department of Commerce is pleased to submit the Maryland Military Installation Council Annual Report.

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Attachment



**2016 ANNUAL REPORT  
OF THE  
MARYLAND MILITARY  
INSTALLATION COUNCIL**

**As required by Economic Development Article §11-207**

**Respectfully submitted to the General Assembly of Maryland by  
The Maryland Department of Commerce**

December 2016



Larry Hogan, Governor | Boyd Rutherford, Lt. Governor

**OPEN** *for* **Business**

## Maryland Military Installation Council Annual Report for 2016

### Overview

In accordance with the Economic Development Article §11-207, this constitutes the annual report of the Maryland Military Installation Council (MMIC). The MMIC met twice in 2016: June 13 and October 4. Both meetings were held at the Maryland Department of Housing & Community Development building in Crownsville, MD. Meetings were chaired by the Maryland Department of Commerce Secretary, Mike Gill, and directed by MMIC Executive Director, BGen Mike Hayes, USMC (ret.), Commerce's Program Director for the Office of Military and Federal Affairs (OMFA). OMFA continues to provide direct support and coordinates all actions associated with the MMIC.

MMIC continues to be a forum for dialogue on issues associated with Maryland's bases amongst the community, military installations, businesses, State agencies and elected officials. Recognizing the nation is in a very turbulent Defense spending environment, the Council focused on the Department of Defense (DoD) budget impacts and potential Base Realignment and Closure (BRAC) activity.

The Council received command briefs from Vice Admiral Walter E. "Ted" Carter, Jr, Superintendent of the U.S. Naval Academy (USNA); Dr. Tim Arcano, Technical Director, Naval Surface Warfare Center, Carderock Division; Mr. Ashley Johnson, Technical Director, Naval Surface Warfare Center, Indian Head Indian Head Explosive Ordnance Disposal Technology Division (NSWC IHEODTD); and Ms. Leslie Taylor, Executive Director, Naval Air Warfare Center Aircraft Division (NAWCAD) at Naval Air Station Patuxent River. Further, the Council receive routine military installation commander updates.

The Council also heard from Capt Matt Scassero USN (Ret.), Director of the University of Maryland Unmanned Aerial Systems Test Site for a UAS update; Kirk Murray, President & CEO of the Anne Arundel County Workforce Development Corporation (AAWDC) on their Soldier Transition initiative; George Schlossberg, an MMIC Member and Partner with Kutak Rock LLP, on BRAC; and Thomas Sadowski, Vice Chancellor of Economic Development for the University System of Maryland (USM) on the newly created Economic Development office.

Representatives from the seven military alliances offered an overview of their activities and engagement with their respective installations. On that topic, State Senator Astle and Delegate Jameson emphasized the importance of installation and alliance outreach to legislators to communicate challenges and impacts.

Additionally, Julie Knight of the Towson University Regional Economic Studies Institute (RESI) provided an update on their work with the Department of Commerce on diversifying Maryland's defense industries. In particular, she mentioned the ongoing development of the Maryland Defense Network, a web-based tool to analyze defense spending in Maryland and to connect Maryland-based defense companies to potential partnering opportunities and teaming arrangements.

Both meetings were also an opportunity to hear from people who are engaged in important work benefitting Maryland's current and former service members and their families. Fran

Minakowski of Maryland Public Television (MPT) briefed the Council on *LZ Maryland*, a large Vietnam commemorative event that took place at the Maryland State Fairgrounds. Additionally, Elijah Sacra, founder of Warrior Wellness Solutions, presented on the organization's mission to provide holistic integrative health and wellness education and training to wounded, ill, and injured warriors, their families and caregivers.

**Findings and Recommendations:**

As in previous years, it is clear that Maryland must remain vigilant in the face of further potential defense budget cuts and anticipated BRAC activity; advanced preparation and engagement from all stakeholders is paramount to avoiding losing hard-fought gains. Likewise, the state must position itself to take advantage of opportunities when they present themselves. Investment in workforce development and infrastructure, support of our military alliances, engagement of our federal partners, facilitation of technology commercialization, and economic diversification are all key areas of focus for future success.

Summaries of the two 2016 meetings are provided below.

**Maryland Military Installation Council (MMIC) Meeting  
13 June, 2016  
Meeting Summary**

Location: Maryland Department of Housing & Community Development  
100 Community Place, 1<sup>st</sup> Floor Conference Room  
Crownsville, MD

Opening Comments were provided by MMIC Executive Director BGen Mike Hayes (Ret.). Hayes then introduced new members of the Council.

Fran Minakowski of Maryland Public Television (MPT) presented on MPT's *LZ Maryland*, a Vietnam commemorative event taking place at the Maryland State Fairgrounds. Ms. Minakowski discussed the importance of paying tribute to the veterans of the Vietnam War, many of whom remain thankless for their service during the war.

Ms. Leslie Taylor, Executive Director, Naval Air Warfare Center Aircraft Division described the Naval Air Warfare Center Aircraft Division (NAWCAD) as: it is located at Patuxent River, Maryland; with outlying locations at Lakehurst, New Jersey; and Orlando, Florida. The NAWCAD team supports research and development, engineering, test and evaluation of all Navy and Marine Corps air vehicle systems and trainers. NAWCAD manages test ranges, test facilities, laboratories and aircraft necessary to support the fleet's acquisition requirements. NAWCAD provides a variety of services to the Department of Defense, federal agencies and non-federal and international customers.

NAWCAD is one of two product centers within Naval Air Systems Command (NAVAIR) that partner with industry to deliver high-quality, affordable products in support of military operating forces worldwide. NAWCAD products and services include aircraft, avionics, air-launched weapons, electronic warfare systems, cruise missiles, unmanned aerial vehicles, launch and arresting gear, training equipment and facilities, and all air power equipment related to the Navy and Marine Corps.

Ms. Taylor explained the importance of the NAWCAD mission as the engineering talent that supports naval aviation. She spoke about all the specialties and labs that NAWCAD has as part of its infrastructure, including the Air Vehicle Group, Air Vehicle Modification Group, the Atlantic Test Range, the Avionics Group, the Human Systems Group, the Integrated Battlespace Simulation & Test (IBST) Group, the Power & Propulsion Lab, the Test & Evaluation Resources Group, the Naval Test Pilot School, and the Unmanned Aircraft Systems Group. She talked about the need for speed to the fleet in solving problems and providing innovative solutions as new threats are discovered. Ms. Taylor described her team's efforts in support of STEM in the St. Mary's County schools, and the effort in recruiting and retaining top technical talent.

Mr. Ashley Johnson, Technical Director, Naval Surface Warfare Center, Indian Head EOD/TD described Indian Head and its mission as: the Naval Surface Warfare Center, Indian Head Explosive Ordnance Disposal Technology Division (NSWC IHEODTD) is the Department of Defense (DoD) Energetics Center and serves as the DoD Explosive Ordnance Disposal Technology Program lead. All branches of the DoD call on the expertise, and for products, of NSWC IHODTD.

NSWC IHEODTD focuses on the research, development, test, evaluation and in-service support of energetics and energetic systems as well as works to provide Soldiers, Marines, Sailors, and Airmen worldwide with the information and technological solutions they need to detect/locate, access, identify, render safe, recover/exploit, and dispose of both conventional and unconventional explosive threats. He explained the concept of Centers of Industrial & Technical Excellence (CITE) that allows private parties to partner with the government, in this case, Indian Head, to use unused manufacturing capability and capacity for their own purposes. Mr. Johnson stated that Indian Head currently has one such Partnership in existence with ChemRing Inc. and is working on eight others. He also described issues in recruiting and retaining young (millennial) technical talent, but had a bigger issue with the retention part.

Dr. Tim Arcano, Technical Director, Naval Surface Warfare Center, Carderock Division described Carderock Division of NSWC and its mission as: consisting of approximately 2,000 scientists, engineers and support personnel working in more than 40 disciplines ranging from fundamental science to applied/in-service engineering. Carderock is the Navy's experts for maritime technology. The Division houses world-class facilities and laboratories. Carderock's Headquarters is located in West Bethesda, Maryland. The Division also conducts research and development at several remote sites across the country. Dr. Arcano explained the Carderock heritage started in 1898; Capt. David W. Taylor built the first Experimental Model Basin at the Washington Navy Yard. The Basin staff moved to Carderock, Maryland, just before World War II, where engineers today continue to design ships and test models using the precisely built

towing tanks supplemented with computer simulation. Dr. Arcano described the huge, half mile long, towing tank and the round wave simulation tank.

Dr. Arcano discussed the enormous task of keeping all of America's ships and submarines running and current with today's technology, especially in the realm of communications, computers and cyber threats. He has recently released an updated Strategic Plan for Carderock which includes emphasis on Additive Manufacturing (AM) and Mentoring. Carderock has been labeled the DoD Center of Excellence for the materials used in AM and is working the issue of using AM at sea. The high-rent area surrounding Carderock causes Dr. Arcano an issue with securing the best young talent.

UAS Update: Capt. Matt Scassero USN (Ret.), Director of the University of Maryland Unmanned Aerial Systems Test Site, updated the audience on activities at the site. He said the site is flying almost every day with paying clients, and the site is conducting 60% of all UAS test flights in the nation.

Kirk Murray, President & CEO of the Anne Arundel County Workforce Development Corporation (AAWDC), presented on their Soldier Transition initiative in which AAWDC is taking the lead on applying for a National Dislocated Workers Grant to provide training and employment programs to increase occupational skills. If the grant is awarded, this would be the third pilot executed nationally to support dislocated members of the Armed Forces and military spouses. The pilot will focus on the Fort Meade region.

Julie Knight of the Towson University Regional Economic Studies Institute (RESI) provided an update on their work with the Department of Commerce on diversifying Maryland's defense industry. Through a federal grant from the DoD Office of Economic Adjustment, Commerce contracted with RESI to map the State's defense supply chain and conduct both a SWOT analysis of Maryland's defense communities and an industry cluster analysis. In addition, RESI is developing a web-based tool to analyze defense spending in Maryland and to connect Maryland-based defense companies to potential partnering opportunities and teaming arrangements. A survey has been sent out to defense contractors to gather needed information to populate the Maryland Defense Network tool.

George Schlossberg, an MMIC Member and Partner with Kutak Rock LLP, discussed the status of a potential future round of BRAC and his work on identifying the best path forward policy-wise should a round be authorized.

Installation Commanders, Alliance Presidents, representatives from State agencies provided routine updates to the Council.

**Maryland Military Installation Council (MMIC) Meeting**  
**4 October, 2016**  
**Meeting Summary**

Location: Maryland Department of Housing & Community Development  
100 Community Place, 1<sup>st</sup> Floor Conference Room  
Crownsville, MD

Maryland Military Installation Council (MMIC) Executive Director BGen Mike Hayes, USMC (Ret.) commenced the Council meeting at 0900 by providing a welcoming and introducing new Council Members Brad Jewitt, a Governor Appointee; and Brian Norris, the incoming Southern Maryland Navy Alliance President. MMIC Chair Secretary Mike Gill provided opening comments and briefed the Council on his recent Maryland Delegation trip to Israel.

Robert Leib, Anne Arundel County Special Assistant to Military and Veterans Affairs, gave a brief presentation to the Council on the Veteran Based Hospice Enterprise. Bob Carullo, Director of Strengthening the Mid-Atlantic Region for Tomorrow (SMART) organization, followed with an announcement of the small business procurement conference SMART PROC event in Frederick, MD on November 18, 2016.

The MMIC keynote address was provided by Vice Admiral Walter E. "Ted" Carter, Jr, Superintendent of the U.S. Naval Academy. VADM Carter has been Superintendent for 2 years and has had a 35-year career in the Navy. He discussed the Navy's recent and numerous deployments that help bring perspective to the Academy on how best to lead the midshipmen. The Naval Academy boasts a 90% graduation rate, higher than any other college or university and graduates 1000 students/year. The current plebe class size is 1,160. Last year, 4,300 women applied. The smaller class size over the past few years has made admissions much more competitive, though the number of applicants is on the rise as the millennial generation has a desire to serve. It is important to keep the service academies strong to continue to attract the best.

VADM Carter spoke to the fiscal challenges in running the service academy. The number one priority for the Superintendent is sustaining funding for aging buildings, most over 100 years old. Bancroft Hall, the nation's largest dormitory, is the most valued building (\$2 Billion). The Academy used to receive \$600 million in funding to support infrastructure sustainment. Today the Academy receives no funding within the DoD budget for such expenses. Every year restoration is needed on 1 of the 8 older buildings. In FY2015, \$120 million was appropriated by Congress to build what will be the last new academic building on the Academy – the cyber operations academic building, which has recently been named in honor of Rear Admiral Grace Hopper.

The Hopper cyber operations educational building is the first building on any of the service academies to be named after a woman. The total funding for the construction of the building is also supported by alumni donations and will break ground on October 21, 2016 with a completion date of fall 2019. The building is expected to total 206,000 square feet and be certified as a "smart" building in areas such as lighting, connectivity, and will include SCIF



space. It is being called The Cyber Field of Dreams. Ten million dollars of the total Congressional appropriated funds is designated for the construction of a parking garage which will provide 600 parking spots and address a much needed solution to the parking problem. Currently every midshipman is required to take two cyber courses – cyber hygiene and cyber tech courses. Academy cyber teams are actively engaged in statewide, national and international cyber competitions always winning 1<sup>st</sup>, 2<sup>nd</sup> or 3<sup>rd</sup> places and a consistent 1<sup>st</sup> place winning in the country. Academy cyber students have a number of internship opportunities particularly through partnerships with the National Security Agency (NSA) and the Applied Physics Laboratory (APL).

The U.S. Naval Academy this year graduated their first class of those who majored in cybersecurity. *Forbes* magazine recently ranked the Academy second in the nation in STEM colleges only behind MIT. The cyber major is multi-dimensional with both the technical part of defending the network as well as the technical part of offense. Internships have been established through CRADA's as well as with, for example, NSA, APL, and UMBC. VADM Carter noted challenges regarding new professors—there is no problem attracting them but retention is a problem. There are 600 professors for 4,000 students—1/2 civilian—1/2 military. All of the civilians are Ph.Ds.—many international—no adjunct. Another recent *Forbes* ranking placed the Academy second in the nation behind Harvey Mudd College for the top average post-graduation salaries and mid-career earnings averaging \$133,000 a year. Another top statistic of the Academy is that it holds the highest acceptance rate (87%) of offers to attend the Academy for the second consecutive year.

STEM outreach is extensive and includes the Academy hosting a Summer STEM Camp and a Summer STEM Seminar. This past summer, over 2,000 rising 9<sup>th</sup> – 12<sup>th</sup> graders participated in week long programs. Also over summer, the Academy hosted 12,000 students for summer sports camps, exposing those students to the Academy campus and STEM work.

The athletic programs at the Academy are top-notch Division 1 sports whose teams win 65% of the time in all sports across the board. The Academy receives \$2 million per year in physical education programs. The remaining costs are supported by Navy athletic sales, alumni donations and philanthropy.

International academic partnerships with the Academy are encouraged. The Academy on average hosts 60 international students for study. The Academy aims to get 1/8 of the midshipmen overseas to study abroad. Although the Academy lost federal funding for such international study opportunities, the program is run on philanthropic donations. VADM Carter views the Academy's study abroad program as an investment in the Navy's future of how sailors will fight alongside allies using their platforms.

VADM Carter addressed the need for resiliency. He noted that the tide is rising—certain roads flood 4-5 times a year. He and his team are focused on studying what the Naval Academy will look like 50 years from now in order to protect the Academy mission. The Academy is working with Annapolis to perform a study—there will be a cost to address the outcome/recommendations of the study.

He also noted there are 274 ships in the Navy and 10 aircraft carriers. Future plans to expand this inventory will have a direct impact on the importance and need for increased midshipmen training.

The Council next heard from Thomas Sadowski, Vice Chancellor of Economic Development for the University System of Maryland (USM). Mr. Sadowski discussed the newly created Economic Development office as the System's approach to providing a sharper focus on working with the economic development community to identify State resources and effectively leverage them. His office will serve as the System's support on BRAC preparation. Mr. Sadowski provided some data regarding USM, namely that there are 12 campuses; 170,000 students which consist of 130,000 undergraduate and 40,000 graduate; and over 6,000 STEM degrees. The system wants to be more visible and grow entrepreneurship partnering with government and industry to create more commercialization activity. The System is building upon the regional education center model like that in Hagerstown and Shady Grove. Expansion of this model is occurring in Northeastern Maryland and Southern Maryland – both regions selected due to the growth associated with their respective neighboring military installations. The System in these regions will develop key strategic programs to support the missions of the installations. Currently the System as a whole receives \$1.3B in sponsored research. There is room for growth as the System looks to be more entrepreneurial in order to be competitive in the research environment. This will be accomplished through growing partnership activity with commercial/industrial entities.

With the upcoming centennial celebrations of Aberdeen Proving Ground (APG) and Fort Meade, the Council heard from a panel representing both installation communities on their planned celebratory activities. Mr. David Craig, Executive director of the Maryland World War I Centennial Commission, provided an overview of the office, the Governor's involvement and their support of regional efforts. COL Ken McCreedy (Ret.), Vice Chair of Fort Meade's Centennial planning committee, gave a history of the installation to the State and to the nation. The work of the committee will focus on commemorating the history of that vital work, the importance of national security and an honoring of the family that donated the land to create Camp Meade in 1917. Through COL McCreedy's work with the MMIC, it has inspired him to think more collaboratively. Fort Meade's commemorative planning members are working with the Aberdeen Proving Ground Centennial committee on joint activities. Mr. Barney Michel of the APG Centennial Celebration Association discussed their planning efforts which involve over 100 activities to include partnering with area schools to include World War I history into their curriculum. The first of APG's 100 celebratory events kicks off in January 2017.

Prior to break Elijah Sacra, founder of Warrior Wellness Solutions, presented on the organization's mission to provide holistic integrative health and wellness education and training to wounded, ill, and injured warriors, their families and caregivers. This is a community based 501(c) 3 nonprofit organization founded by US Marine Corps Veterans and a Holistic Health & Wellness Counselor in 2009. The organization is looking to expand their services in Maryland.

Returning from a fifteen minute break, the MMIC reconvened to receive routine military installation commander updates:

- NSA Annapolis: \$43M new clinic located across from the Academy will open in spring 2017; construction underway to provide 16 new cottages available to retired

military; CNIC, a tenant on NSA Annapolis that provides fire and emergency services, has formed a partnership with the local community on emergency preparedness.

- Fort Detrick/ COL O'Brien: CSM Frank Jordon in attendance as well; installation had a recent Change in Command for the Commanding Officer; recently held a ribbon-cutting for the new solar field which now provides 15% of the installation power allowing the installation to recapitalize \$150k to date and reinvest that savings on the installation; municipal incinerator and water/wastewater projects are ongoing; the Forest Glen Annex recently fenced off part of the property due to environmental clean-up from the former Walter Reed hospital medical waste dumping.
- Fort Meade/ LtCol Jay Birmingham: installation traffic study now complete reaffirming that the installation does not currently have enough road infrastructure; installation is exploring shuttle bus pilots; SRM funding decreased while requirements increased; the installation's workforce increased by 20,000 employees since 2009 and they continue to grow; 300 stationing packets distributed over the past few weeks; Garrison office is continuing to work with MDOT/SHA to resolve increasing traffic challenges; working with BWI Airport Authority on a multi-model project.
- Joint Base Andrews/ COL Teichert: installation has been incredibly busy with Presidential inauguration planning with over 1,000 JBA staff involved; Malcolm Grow will be fully open in early 2017 along with a fully renovated PX opening in 2017 as well; to celebrate the Air Force's 70<sup>th</sup> birthday, JBA will host an Air Show September 15-17, 2017.
- Coast Guard Yard/ CAPT Lake: the Yard is undergoing a multiyear project to modernize their dry docks; ongoing renovation projects continue including the 3<sup>rd</sup> of 4 total renovations for the training vessel CGC Eagle; as project load increases, it has become increasingly difficult to find craftsmen in the field which has led them to heavily recruit from outside the State; interested in home-growing their own skill base.
- NSF Indian Head/ Commander Zayat: recent concert on base featuring Chris Daughtry and Magic! to celebrate Indian Head's 125<sup>th</sup> anniversary was a huge success; JITC, an Indian Head tenant, has been reassigned to Ft. Meade and Ft. Huachuca.
- Naval District Washington/ Ms. Janel Herring: thanked Council for including her office.
- NSA Patuxent River/ Commander Starkey: the base has finished renovation of the main runway; there is an Air Expo planned for 10/29-30/2016 which will feature F-22 demonstrations though the Blue Angels will not be participating.

State agencies provided routine updates. The Maryland Department of Housing and Community Development (DHCD) gave a more formal presentation on their Veterans housing initiative *Families First*, a program designed to provide temporary housing and assistance to homeless veterans with families. Maryland homeless veterans and their children prior to the program were provided housing vouchers for temporary housing for

3 to 9 months. The *Families First* program, initially supported by grant funds from Freddie Mac along with State matching funds, allows homeless veterans to stay in a rental property with their children for up to 3 years. The program also provides the veteran with assistance in creating a sustainability plan for the family. The program which was piloted in Prince George's County is oversubscribed. Thus far through the program the State has assisted 97 individuals of which 56 have been children; 30% are female veterans; 18% are veterans who are grandparents supporting their grandchildren. *Families First* has graduated 12 families who were able to adopt their sustainability plan and successfully live without the support of the program's housing voucher. As the Freddie Mac grant program is no longer available, DHCD is seeking other resources to match State funds to continue with the program.

Military Alliance Presidents next provided updates:

- Military Alliance Council (MAC)/ Brain Klaas, Chair: the Town of Indian Head received a State Sustainable Communities designation which should provide greater opportunity for revitalization and community pride; broadband fiber is being installed in the Town of Indian Head and will extend up to the NSF Indian Head gate.
- Southern Maryland Navy Alliance (SMNA)/Brian Norris, President: connection of fiber/broadband to NAS Patuxent River and Wallops Island underway; \$6.5M repurposed in defense authorizations to support connectivity; this was done with the assistance of The Roosevelt Group and should positively influence the decision for an East Coast base at Wallops for the Triton; Gates 2 and 3 are in need of improvement to meet ATF requirements; NAS Patuxent River, Alliance and County are working in partnership with MDOT to identify resources; AeroMaryland, a newly formed 501(c)6 organized under the SMNA umbrella, stemmed from the Southern Maryland 2020 Plan and will build upon region's talents and resources to promote aerospace capabilities and strong industry presence; private sector funding of \$400k has been identified; requesting County and State financial assistance.
- Army Alliance/ Jill McClune, President: the Alliance has formed a Cyber Workforce Development Task Force to support growing cyber needs associated with APG; due to difficulty in recruiting military retirees from outside the state, the Alliance is looking into an analysis as to the impacts of Maryland's military pension exemptions; the Alliance is advocating for reconsideration of the newly adopted approach to ranking transportation projects – ranking of importance now based on population size which poses concern to most military installation regions which tend to be less populated than urban areas.
- Fort Detrick Alliance/ Harry Modrow, President: thanked the Army Alliance for their guidance provided to the Detrick Alliance's Executive Committee's strategic planning efforts; the Alliance is sponsoring a technology showcase in October in Hagerstown, MD in partnership with the University System of Maryland at Hagerstown.
- Fort Meade Alliance/ Tim O'Ferrall, Executive Director: a Change of Command ceremony recently was held; COL Rickard is the new Garrison Commander; talent management has become a top priority – making sure the workforce of the future is

there in Maryland to grow the Meade mission; partnering with Anne Arundel County schools to highlight programs available to military families to support the military child experiences/challenges; Fort Meade Alliance Foundation continues to support resiliency center program expansion – in process of renovating Kuhn Hall which will become the home to the new Resiliency Center; Kuhn Hall renovation is a \$3.6M endeavor which will be funded through the Foundation's fundraising efforts as well as potential County and State support; STEM CORE Program, a new pilot, will be introduced in 2017 in partnership with the Community College of Baltimore County; each year the Fort Meade Community Covenant Council, Alliance and installation meet with local state legislators to discuss the on goings within the installation community.

- Maritime Technology Alliance/Ivan Caplan, President: Carderock contracted \$549M in FY16; looking for advocacy and funding for a new ship design collaboration center for the installation.

Following Alliance updates, State Senator Astle and Delegate Jameson emphasized the importance of installation and alliance outreach to legislators to communicate challenges and impacts. Delegate Jameson stated the need to keep an eye on things coming up the pipeline as it relates to the Defense budget and to the challenge in balancing the State budget as revenues decline leading to a deficit. The strain on budgetary resources leads to a greater advocacy need for Southern Maryland infrastructure including the need for both a new Thomas Johnson Bridge and a new Nice Bridge.

BGen Mike Hayes adjourned the meeting at 11:42 a.m.

Addendum A

**BRAC Advisory Group (BAG) Members**

BGen. Mike Hayes, (ret.)

BGen. Dean Ertwine, (ret.)

Sen. John Astle

Del. Sally Jameson

Glen Ives

BGen. Sean Casey

Dr. Frazier Glenn

Deon Viergutz

George Schlossberg

Mike Parker

James Estep

Jennifer McGraw