



Larry Hogan | Governor  
Boyd Rutherford | Lt. Governor  
Kelly M. Schulz | Secretary of Commerce  
Benjamin H. Wu | Deputy Secretary of Commerce

January 18, 2019

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,

Kelly M. Schulz  
Secretary

Enclosure

**Maryland Military Installation Council**

**2018 Annual Report**

**ECONOMIC DEVELOPMENT ARTICLE §11-207**

**Submitted by:**

**Maryland Department of Commerce**

**January 2019**

## **Maryland Military Installation Council Annual Report for 2018**

In accordance with the Economic Development Article §11-207, this constitutes the annual report of the Maryland Military Installation Council (MMIC). The MMIC continues to be a forum for communities, military installations, the defense industry, businesses, State agencies and elected officials to dialogue on issues associated with Maryland's military installations. Recognizing the nation is in a turbulent defense spending environment, the MMIC remains focused on the Department of Defense (DoD) budget impacts, potential Base Realignment and Closure (BRAC) activity, and relevant issues among the Maryland installations, associated defense communities, and supporting defense industry.

The MMIC met twice in 2018: April 23<sup>rd</sup> and November 27<sup>th</sup>. Both meetings were held at the Maryland Department of Housing & Community Development building in Crownsville. The meetings were chaired by the Maryland Department of Commerce Secretary, Mr. Mike Gill, and directed by MMIC Executive Director, Ms. Lisa Swoboda, who is also Commerce's Acting Managing Director for the Office of Military and Federal Affairs (OMFA). OMFA continues to provide direct support and coordinates all actions associated with the MMIC.

The Council heard from featured speakers at each meeting:

- On April 23<sup>rd</sup> a Military Installation Innovative Partnership Panel provided examples of successful public-private partnerships providing increased efficiency and cost savings, and discussed issues in establishing such agreements. Panel members included:
  - RADM Raymond "Chip" Rock, Commander Naval District of Washington
  - Capt. Matthew Lake, Commander U.S. Coast Guard Yard
  - Col. Ernest Teichert, Commander, 11<sup>th</sup> Wing, Joint Base Andrews
  - Mr. Ivan Bolden, Chief, Army Community Partnerships
- On November 27<sup>th</sup>, Mr. Lucian Niemeyer, Senior Advisor for Energy Resiliency Programs, Office of the Assistant Secretary of Defense for Sustainment, spoke on DoD initiatives for installation resiliency and its impacts on military readiness, and also DoD initiatives to increase public-private partnerships. Mr. Niemeyer fielded numerous questions.

The Council also heard topical updates on programs in the state relevant to the health and well-being of Maryland's military installations and defense communities:

- Ms. Meredith Lozar, Director of Community Solutions for Blue Star Families with a presentation on support for families who have lost loved ones in military service.
- Mr. John Papavasilion, Deputy Commissioner of Occupational and Professional Licensing (DLLR) regarding progress and issues with state-to-state reciprocal professional licensing for military spouses.
- Mr. Jeff Kendrick, Director of Maryland Center for Veterans Education and Training (MCVET) regarding recovery program and services for homeless veterans in downtown Baltimore.

- Mr. David Wilder from The Matrix Design Group, on methodology and recommendations of the Statewide Joint Land Use Study (SJLUS).
- Mr. Tyrone Finney of DLLR, with an overview of Maryland regional veteran's employment initiatives.
- Ms. Helga Weschke, Maryland Department of Commerce, Office of Military and Federal Affairs, with an orientation on a repository of the vast amount of STEM activities occurring on Maryland installations.
- Mr. Michael Siers of the Towson University Regional Economic Studies Institute, with a briefing on the methodology and results of the Maryland Military Installation Economic Impact Study, based on 2016 data.
- Mr. Bob Carullo, with a SMART Congressional Caucus and SMART Procurement Conference update.

At both of the 2018 meetings:

- The military installation garrison and station commanders informed the MMIC of local, state and federal issues impacting their installations and associated defense communities, and reviewed significant upcoming events at their installations.
- Representatives from the seven military alliances offered an overview of their alliance activities and engagement with their respective installations.
- Congressional staff representing Senators Cardin and Van Hollen and Representatives Cummings, Harris and Ruppersburger commented and participated in discussion.
- State agency directors, or their representatives, provided comments and perspective on many of the programs and issues discussed.

At the April 23<sup>rd</sup> meeting, State Senator John Astle and Delegate Sally Jameson emphasized the importance of installation and alliance outreach to legislators to communicate challenges and impacts. At the November 27<sup>th</sup> meeting Ms. Jameson, attending her final MMIC meeting, praised the Council and bid her farewell.

#### Findings and Recommendations:

As in previous years it is clear that Maryland must remain vigilant in the face of potential defense budget cuts and anticipated BRAC activity. Advanced preparation and engagement from all stakeholders is necessary to avoiding losing hard-fought gains. Likewise, the State must position itself to take advantage of opportunities, whenever they present themselves, to preserve and increase the federal defense footprint in Maryland. 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 2018 meetings are attached.

## Maryland Military Installation Council (MMIC)

### Meeting Minutes

4/23/18

Meeting began at 8:35 AM, April 23, 2018.

Lisa Swoboda, MMIC Executive Director and Acting Director of Commerce Office of Military and Federal Affairs, recognized BGen Mike Hayes (Ret., USMC) as the former and first Executive Director of the MMIC. She then introduced Mike Gill, MMIC Chair and Secretary of Maryland Commerce, to provide welcoming remarks. Secretary Gill recognized Lisa Swoboda's new Acting Director role representing the State and managing activities to support the military installations. He remarked that the military installations are centers of innovation and partnerships, commenting on the partnership with government in Commerce's hosting of the first Maryland Tech Transfer Summit held on April 20, 2018. Secretary Gill also acknowledged the securing of \$20 million in the Army budget for the Army Research Laboratory's (ARL) advancement of a new 3-D advanced manufacturing initiative. This partnership with ARL and the state's 3-D printing industry base is being led internally by Commerce's Bret Schreiber and Sharon Markley.

Lisa Swoboda reiterated that tech transfer and pushing innovation out of the military is a priority for OMFA. The Maryland Defense Technology Commercialization Center (DefTech), a regional innovation hub funded through a federally-funded Office of Economic Adjustment (OEA) grant program, opened on February 26, 2018 in Havre de Grace in office space provided in-kind from Harford County. This regional collaboration with Cecil and Harford Counties includes executed MOUs with 3 defense labs on APG (ARL, CERDEC and ECBC) and a Steering Committee with those aforementioned parties as well as community colleges, industry and TEDCO. The State has also implemented through the OEA grant program the Maryland Defense Diversification Assistance program to aide in lessening defense dependencies within the DoD supply chain. She also said that the Maryland military economic impact study of military installations is being updated using federal FY16 data. A draft will be available this late summer.

Military Installation Innovative Partnerships Panel: RADM Raymond "Chip" Rock, Ivan Bolden, Capt. Matthew Lake (Teran Judd absent) -

RADM Raymond "Chip" Rock, Commandant, Naval District Washington, discussed national defense strategy and partnerships that the Navy has entered in for innovation and the future. The Navy is prioritizing threats. Decision timelines is a national defense strategy, and the Navy is now in a power competition against assertive nations like Russia, China and other superpowers (ex. China has opened a naval base next to a US Naval base in Eastern Africa). This is especially true for the maritime mega cities which will grow over the next 15 years, as will aquaculture (15% growth) and maritime traffic. Ninety-nine percent of communication systems

go under the seas. There is competition for resources under the Arctic Sea and drawing intercontinental maps – all putting pressure on the Navy. There are six elements to meet this need:

- bigger fleet (355 ship Navy is goal/currently 287), a better fleet (modernization/recapitalization of ships/better technology), and a talented fleet (worker talent – recruiting and retaining);
- energy resiliency/logistics resiliency (sustainment of fleet);
- readiness and resources challenges;
- networked fleet (linked in a network through Joint Force through manned and unmanned fleet/sensors that are connected/networked partnerships);
- education and research (Morgan State partnership; naval energetics partnership at Indian Head; Naval Academy) and research. The Research Park @ Pax; Office of Naval Research partnering for renewable energies research; cooperative land use plans; renewable energy research); and
- intergovernmental support agreements (IGSAs) which is partnerships at the local level/municipalities for services.

Captain Matt Lake, Commander. U.S Coast Guard Yard, spoke about their heavy workload and internships. He said that the Coast Guard Yard, founded in 1899, is second largest operation of the USCGS and it is a mix of civilian and active duty personnel. Most employees live just outside the gate and is act as a “family” with most of the shipbuilders/workers being invested in the yard and has a symbiotic relationship with the community.. With past threats of closure, the workforce successfully protested and demonstrated the value of the Yard. U.S. Senators Sarbanes and Mikulski were able to secure funding for the Yard within the U.S. Department of Homeland Security budget. Partnerships with various educational institutions helps service onboard advisors (maritime transportation) and internships (paid and also funded by agencies/private industry) along with and grassroots volunteer programs. *Partnerships in Education* is a focused soft community engagement/volunteerism – 10% of entire workforce is engaged in this program. 17 schools are engaged with tutoring and Science/STEM events (ex. Judging robotics contests). They provide guest lecturers at trade schools and internship programs focused on maritime education, including the transportation trade school at Cherry Hill. Ship building jobs in Maryland have gone away, peaking at 100,000 jobs, and students are not being guided to skilled trades. Under Armour donated money to the City of Baltimore for career development in the City to engage students in internships – the students became City employees and then the students provide services to the Coast Guard. CAPT Lake discussed OPM pathways, an entry level pathways into careers after probationary period. He mentioned that their formal apprenticeship programs have moved to this internship pathways program, because they were expensive and not diverse enough in their original state.

Ivan Bolden, Chief of Army Partnerships of the Office of the Assistant Chief of Staff, Installation Management, spoke about intergovernmental services. He leads a Joint Partnerships Committee that includes the Army and the other armed services. They meet quarterly to find issues across the service that can be addressed together through potential regional partnerships. Once enacted, an Intergovernmental Services Support Agreement (IGSA) was built as a five-



year partnership effort, but the Committee successfully extended the length of an IGSA to ten years making it more economically feasible for a community to enter into a partnership and find it mutually beneficial. The Committee is creating a handbook, commissioned by the Rand Corporation, for commanders and communities on how to engage in partnerships – 700 partnerships will be listed as best practices in this book. The handbook is scheduled for release in the fall and copies will be available by request. Outstanding partnerships will receive public recognition by the Undersecretary of the Army in a ceremony. Ft. Detrick is currently in the stages of an IGSA strategic engagement process (Col. Scott Halter is the POC) that includes stakeholders from the community and garrison leaders to brainstorm ideas for partnerships and relationship building. The Committee is looking at installations of the future. If someone has ideas and suggestions, they should to contact Mr. Bolden. He will visit Georgia Tech in June and will meet with academics and the Army to talk about installations of the future. He has with met Microsoft and IBM for partnerships ideas. Nineteen IGSAs were signed in the past year, with two pending and 50 conceptual partnerships stemming from community meetings. The approval authority has been delegated down to the 3-star level (Army Installations Commanding Officer) and are looking to downgrade it even further. Mr. Bolden recognized the MMIC and the relationships with the bases and community support.

Col. Teichert, Commander, 11<sup>th</sup> Wing and Joint Base Andrews spoke in lieu of Teran Judd (Director of the Air Force Community Partnerships) about the Air Force partnerships. Col. Teichert mentioned a memo to all governors of each state that host Air Force bases and families to bring attention to two challenges facing the Air Force and other armed services: license reciprocity for spouses and good schools for military families. Col. Teichert has an upcoming promotion to a Brigadier General. Congratulations was wished by the audience. Mr. Bolden interjected with a thank you to the MMIC for inviting the Blue Star Families to present on such issues and highlighted their work for spouses and family of service members.

Col. Teichert highlighted incorporating STEM into Air Force air shows via exhibits to ignite interest in STEM education. JBA at the JBA Air Show hosted 2,100 children at a STEM exhibition to show military capabilities. Impressed with the STEM tie-in and the opportunity for exposing children to STEM fields, an Air Force four-star general said that the inclusion of a STEM event should be done at every airshow. The next air show in May 2019 will again feature the STEM event and hope to have about 10,000 students come. He recommended creating a menu of options for STEM education opportunities to help the Air Force better connect to the community.

Ms. Swoboda responded that Commerce's Annabelle Sher, OMFA Assistant Director, is taking inventory of STEM activities conducted in association with MD military installations. The repository is expected to be complete this early fall and will be shared widely on the Commerce website but directly with the MD State Department of Education and local school superintendents.

The following is in response to questions during this panel session:

RADM Rock said that Naval District Washington is hosting Fleet week in Baltimore. The Air Force Thunderbirds are flying, and the Navy is a joint partner. The event will have a robust STEM theme. RADM Rock asked Mr. Bolden whether support agreements are inherently local and what is the role of higher command is in IGSA's?

Ivan Bolden, a former garrison commander, works in the Pentagon and understands that there are laws and regulations that the commanders do not necessarily know of or understand. When an IGSA is received, the partnership is staff with local staff. After a few are complete and success is defined, the hope is to have the IGSA sign-off authority passed on to the garrison commander of that particular installation. He indicated that the turnaround time for IGSA is about 2 days to 6 weeks, with an average of 3 to 4 weeks.

Jill McClune, member and former President of The Army Alliance, asked whether IGSA's are public/private or public/public and if there are the disagreements amongst various offices and leaderships. Mr. Bolden said the statute defines IGSA's as public/public. If Anne Arundel County decides to establish an IGSA at Ft. Meade, they may have to hire a contractor, but the agreement is still between the county and the installation.

Jack Pappas, MMIC audience member, commented that he has noticed a chilling effect between the base and professional associations outside the gate and asks if this can be rectified on an institutional basis. Mr. Bolden said he encourages commanders to talk to unions during strategic engagements and invite them to meetings. He recounted that at his director's meeting every Wednesday, union representative are represented. He stated that the more open and transparent, the better the outcome but understands the challenges with installations access.

Ret. BGen Dean Ertwine, MMIC Member and OMFA Assistant Director of Army Programs, said that partnerships do not always work and asked the panel for recommendations on pitfalls to avoid.

Mr. Bolden mentioned that a change of administration can be damaging if the new official does not understand economic impact – same with a new commander. The deputy garrison commander should be the POC for an IGSA because that is where the continuity lies. Attending council meetings is important.

Ms. Swoboda mentioned the JBA commissary partnership with local food banks to provide them with nearly expired food. This has led to over 20,000 lbs. of donated food. She brought this to the attention of other attending garrison commanders as a low-hanging fruit in the partnership cycle that could benefit all.

Ms. Swoboda acknowledged staff from the offices of U.S. Senators Cardin and Van Hollen, Congressmen Cummings, Harris, and Ruppersberger.

Meredith Lozar, Director of Community Solutions for Blue Star Families, described partnerships with the community to share stories and build relationships between spouses of active military service members. Blue Star Families started in 2009 with sharing the challenges of being military families. There is a 28% unemployment rate for military spouses which makes the financial situation is unsure. Additionally, 38% of military spouses are underemployed, making



less than \$20,000 a year. During a job recruitment, 30% of the positions are less likely be offered to a military spouse. The purpose of Blue Star Families is to bring programs to these spouses to solve these problems and reduce their isolation. They conduct an annual family lifestyle survey to establish trends to inform policy, deliver programs, collaborate/partners, and shine recognition on existing programs. From the thousands of responses, the latest trend is that most military families are not using these services and are very isolated and not connected to their communities. The survey indicated that 90% want to be connected to their communities and 70% reside next to civilians and are not communicating. The Blue Star Families try to connect them with programming and events to bring civilian and military families to connect and reduce isolation. Career programs aim to reduce unemployment. \$12.5M goes to programs to employ military spouses, development of career pipelines, job fairs, and career counseling/matching. Skills inventory are developed along with employment preferences to match them to employers like Lockheed Martin Professional reciprocity between states is a major challenge. A \$1 investment has \$12 return for the communities. Funded at \$50,000, Blue Star Families are also heavily volunteer led program. Civilian volunteers encounter challenges accessing.

From questions, Ms. Lozar said that there is a DC Chapter of the Blue Star Families with over 60,000 active volunteers in DC/MD/VA area. This is the most active one in the region and would like to engage more with Maryland families. From comments: MD State Senator John Astle mentioned that the reciprocity situation has been a topic in the Maryland General Assembly and will be worked in next year's General Assembly session. Jill McClune asked whether remote careers be available to military spouses. Ms. Lazar responded that nursing, education, and business administration are the three most desired careers, and remote opportunities are very desired but hard to find.

MD Professional License Reciprocity: John Papavasiliou, Deputy Commissioner of Occupational and Professional Licensing, MD Department of Labor, Licensing and Regulation (DLLR).

DLLR licenses all non-medical professions – check qualifications in certain fields, issue new license and enforce ethical standards. It regulates CPAs, real estate agents, barbers/cosmetologist, electricians, etc. DLLR also licenses bay pilots, foresters, competitive events like boxing, MMA and professional wrestling. The 2013 Veterans Full Employment Law requires that the State assist military families and spouses to become licensed in the State through reciprocity. This law is a result of the last BRAC with the extensive reassignments to APG and other installations. This law assists reassigned service members, discharged veterans, and their spouses that hold valid out-of-state licenses. It also includes spouses of recently deceased veterans. They are lead through Maryland's licensing process and facilitates expediting their license. Commissioner of Federal regulation included in this process. The veteran must apply within one year of discharge or separation from active duty and show proof of assignment in MD. Or within one year of death of military member and the spouse must show proof of MD residency. Have processed and licensed 113 applications since the beginning of the program. From questions about certain professional licenses, Mr. Papavasiliou explained that education

licensing is through the Maryland State Dept. of Education and nursing licensing is through the Dept. of Health. These agency websites have links to their services for veterans. A question was whether DLLR can they help with the transfer of MD licenses out of state, and the response was that they can assist. From another question DLLR can assist if service members working in DC and lives MD. Maryland is one of the first states that have a reciprocity program and now MD has agreements with other states. The DLLR website has a list of professions they license.

As the agenda moved to the Maryland General Assembly update, Ms. Swoboda mentioned the Military Alliance Legislative Luncheon Reception, a networking session of all seven military alliances, that took place in Annapolis in January. The purpose of the event was to reach out to state legislators to educate them of the impact of the military bases on Maryland's economy. She requested that attendees reach out to their local legislators to help promote the work the MMIC members do, to elicit support for the military installation challenges and needs identified through the MMIC.

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State Senator John Astle, who is stepping down next year after 36 years of public service, addressed the recent legislative session outcomes where 3000 bills were introduced. The exemption for military pensions increased to \$15,000 for those over 55 years of age. The legislature tried to mitigate impact of the federal tax overhaul on Marylanders. The legislature also had to deal with Medicaid/Medicare and the ACA policies and made some steps to address that issue. The diversity in medical marijuana licensing was addressed by general assembly. There is a tax credit for organ donation. A bill was passed to ensure that casino dollars are lock boxed for education and will be on the ballot in November. There is a separate commission for capital construction of schools as authority, taking is away from the Board of Public Works. The school safety law was bipartisan resolution. Legislation for banning bump stocks was passed and loopholes were closed on domestic abusers and can no longer own guns with a court order. Alcohol licensing at the local/municipal level. Senator Astle mentioned that the name of the Harry Nice Bridge is being changed to the Senator Middleton Bridge and the structure will likely be updated.

Jeffrey Kendrick, USAF (Ret.), Director of the MD Center for Veterans Education & Training (MCVET) described the non-profit. It provides services to homeless veterans and for 23 years for 9000 veterans, with a 75% success rate. The Center provides education and education and housing. The current salary for graduates is about \$18/hour and they just graduated their first doctorate candidate. There are currently 20,000-25,000 homeless veterans and MCVET. On May 26<sup>th</sup> there is a pinning ceremony for Vietnam vets in Baltimore, MD. One June 2<sup>nd</sup> & June 3<sup>rd</sup> there will be a VA stand down at VA memorial building to recognize homeless veterans and will feature job services available. June 10<sup>th</sup> there is the annual 5k/10k to support the Center. Women are largest growing population of homeless veterans. MCVET plans is to expand to serve homeless families and family members of veterans as well. This organization is open 24 hours a day and asks MMIC members to call MCVET to help a homeless veteran. Opened an office at Haverhill health center to also provide health services to homeless veterans.

Mr. Kendrick provided additional information. They have 249 bed facility and 24 hour/7 day intake process, and provide clinical services with on-staff social services. They have Narcotics Anonymous and Alcoholic Anonymous meetings at facility, and clinical and aftercare programs and services. Average length of stay is between 12 and 15 months – has funding for 2 years per veteran. Also they can provide services for dishonorably discharged veterans.

Barney Michel, President of the APG Discovery Center, described APG101.org and mentioned the APG Centennial. The APG Discovery Center, an asset to the community was an effort to rebrand from the APG museum lost in the last BRAC round. It is organized with a board of directors and volunteers. They want to model it after the Maryland Science Center showcasing the technologies that have come out of APG labs. There is a request for a \$230 million bond bill to convert the APG train station to the APG Discovery Center. The Center plans to open in 2021/2022. The Center would encourage students to pursue careers in Defense and the STEM fields. There will be a dedication of APG workers that lost their lives at APG over the last 100 years on International Workers Memorial Day.

#### Maryland Military Commander Updates:

Bill Cole from Adelphi Laboratory Center and Blossom Research Center shared that the Center is updating MOAs with local firefighters, police districts, and animal control. Jack Kaiser from their stadd is supporting the Statewide Joint Land Use Study (SJLUS). Blossom Point has an active JLUS study and looking to protect all installations from encroachment.

Captain Lake from U.S. Coast Guard Yard discussed the recent 119<sup>th</sup> anniversary of the Yard and the service life extension project for the USCGC EAGLE – 82 years of service and will continue another 20 or so years. Starting engineering/design for medium endurance cutter fleet and will be overhauling over the next few years. There are \$230 million in contracts for renovation of Coast Guard cutters contributing 200-250 direct jobs at the Yard. They are growing their workforce by 10% every year to meet these demands.

Col. Scott Halter from Ft. Detrick discussed their robust partnerships with community including domestic violence shelters, high school students learning at the labs/STEM education, computer aid dispatch assistance. His staff has been working to find gaps/overlaps with non-profits in the area to meet the needs of the community and updating MOAs and IGSA's to partner with Frederick County at a lower cost. The installation recently conducted a full scale exercise emergency services and training with local partners.

Col. Philips from APG stated that the installation received \$570 million over 10 years for containment aid/demolition of 60 buildings resolution - \$6 million and \$20 million forthcoming. APG has been partnering with the community and local government on combating the opioid epidemic and proper disposal of prescription medication. APG hosted a Discovery outreach week that included an APBI, a tech expo, and a Discovery Fest which was a free community event.

Col. Rickard from Ft. Meade, the 2<sup>nd</sup> largest installation in the Army, provided updates to the installation workforce: 55,000 people and growing with 7,000 NSA employees moving on base.

Ft. Meade Garrison Office is working with State and local government to figure out solutions to traffic issues. The U.S 10<sup>th</sup> Fleet Navy cyber command was recently established on the fort as the U.S Cyber Command continues to evolve as a stand-alone combatant command. Col. Rickard also discussed educational partnerships including a Cyber LAUNCH grant with Anne Arundel County high school students to pursue the cybersecurity field, including DoD cyber careers.

Col. Teichert from Joint Base Andrews (JBA) announced the recent 75<sup>th</sup> anniversary of the Air Force base. Joint Base Andrews is holding the annual small business summit on May 15<sup>th</sup>. The summit will provide information about contracting opportunities (over \$46 million in small projects). U.S. Congressman Brown will be the keynote speaker. STEM education is important to the Air Force mission. JBA will continue to host a STEM fair that ties in with their annual Air Show. Col. Teichert commented that many JBA workers with families are choosing to live in VA as there are challenges in MD to allow vouchers for military families to choose where they go to school.

Captain Baker from NSA Annapolis (US Naval Academy) announced his upcoming Change of Command. The installation is building a new parking garage on the Academy and repairing their sea wall. The Naval Academy Cyber Center, a \$107 million project, is on track for completion in 2020/21. \$5 million for MWDR program is committed to supporting a new recreation program for military service members and families. The Naval Academy graduation is May 25<sup>th</sup>, and President Trump will be the commencement speaker. The Blue Angels will perform.

Captain Jones from NSA Bethesda (National Military Medical Center) mentioned the addition of a 650-parking space garage, a utility system upgrade to expand the capacity of their facilities and the use of a temporary medical facility to house operations as new construction is ongoing to Buildings 2, 4, 7 and 8. The pedestrian tunnel underneath the infrastructure is still being constructed. Infrastructure upgrades to the Uniformed Services University and Radiological Research Institute are underway. Montgomery County is working on the MD 355 metro tunnel and elevator over the next year. Captain Jones is changing post August 17<sup>th</sup>.

Jack Templeton, Chief Technical Officer from NSWC Carderock Division, discussed their science and engineering funding through 2019 and their work with the DoD Comptroller to allow rollover of funds in this account. Charlotte George was recently hired as the STEM outreach staff person for Carderock handling K – 12 and university STEM activity and managing any relationships with academic community. Their STEM outreach includes working with 3D Materials Command, conducting base tours for seven different schools, and hosting Math Counts event for middle schoolers and annual cohort of high school/college associate internship programs.

Captain O'Leary from NSA South Potomac updated the Council on their work with the Charles County JLUS and SJLUS engagement. Dahlgren received an explosive device and Indian Head was swept for explosives. Chemical Biological defense mission will move from Dahlgren to Indian Head resulting in 150 people moving their work location from VA to MD.



Captain Hammond from Naval Air Station Patuxent River (PAX River) introduced Sabrina Hecht from the Community Planning Resource Office who will be responsible for fostering relationships between Pax River, St. Mary's and Calvert Counties. Transportation initiatives are a priority, and she is working on these initiatives with the Tri-County Council of Southern Maryland, such as on-base transportation and bike services. SJLUS to establish ACIUZ. There is a \$60 million runway improvement project underway to improve taxiways. The base's 75<sup>th</sup> anniversary was April 1<sup>st</sup> and was celebrated with a ceremony and airshow that included STEM booths and exhibits.

#### State and Military Alliance President Updates

Mark Crampton from MDOT mentioned that the Port of Baltimore had its third highest year for tonnage and BWI airport surpassing records. Mentioned pending road construction projects including, but not limited to: APG MD 22 at 462 is under construction; Beards Hill Road expected completion this summer; MD 759 construction should finish by fall 2019; Suitland Parkway/Westover Drive; I-95/495 intersection to be done later this summer; Dowerhouse Road will be finished fall 2020; NSA Bethesda MD 320 BRAC improvements to Sligo Creek with Parkway bike bridge under construction and finishing up this Spring; Ft. Meade, MD 175 Phase 2 widening under construction with plans to be completed 2019/2020; MD 175 Reese Road is under construction finishing winter 2019/2020; MD 175 with 295 widening project in design and funded for construction to be finished in fall 2021; Phase 3 of the Rte. 175 improvements discussed as well as a series of road improvement projects.

Tim O'Ferrall, Executive Director of the Ft. Meade Alliance, discussed the C3 grant and working with transitioning veterans and families with internships, career assistance and training. Resiliency Center campaign is well underway and close to meeting goal. Two changes of command this year – Ft. Meade Alliance has Steve Tiller passing presidency to Doreen Harwood of Leidos and Garrison Commander Col. Rickard is leaving as well.

Tom Albrow, President of the Army Alliance, discussed the Alliance's efforts to DoD workforce recruiting and direct hire authority to improve the recruitment process. USAJOBS needs improvement and OPM is conducting a study to address problems. Working with the APG Garrison Office on the APG JLUS. CSSC won an ADC Great American Defense Communities Award for 2018.

Amanda Johnston, Executive Director of the Ft. Detrick Alliance, stated that the C3 initiative launched in February and the Alliance is on the C3 Advisory Board. The Alliance is working with Hood College and other colleges in Frederick and Washington Counties on workforce development in support of Ft. Detrick's workforce needs. The Alliance is exhibiting at job fairs and participating in STEM events. National Cancer Institute at Ft. Detrick participated in the Take-Your-Kids-to-Work Day program.

Ivan Caplan, President of the Maritime Technology Alliance, discussed the science and engineering revitalization and recapitalization fund and the need to extend the funds from 1 year to allow for rollover of funds. The Alliance is working with Congress for support. The Alliance is supporting the Coast Guard Yard with advocacy for ship lift capabilities (\$20-30 million



project). The Alliance developed a STEM career resource manual for middle and high school counselors to encourage STEM careers.

Brian Norris, President of the Southern Maryland Navy Alliance, discussed their successful engagement with Federal and State congressional delegation particularly with the Wallops Island broadband project. After delays in funding and an increase in cost, their advocacy was successful in getting the appropriations needed. The broadband extension will connect with Wallops by the end of the year. There is consideration to connect NASA Goddard in Greenbelt to Wallops. The Alliance worked with State House Speaker Busch and State Senate President Miller on grants to the local airport for an increased taxiways and infrastructure. 75 new jobs as a result – \$750,000 for broadband at the airport and infrastructure. Integration of UAS into national airspace remains one of the Alliance's priorities.

Sheila Zattsau, Co-Chair of the Military Alliance Council, mentioned that Commerce Deputy Secretary Wu, Lisa Swoboda, and federal and county officials came to speak at their recent Alliance meeting. She also briefed on a \$250,000 bond bill for youth enrichment project, \$60,000 support for Black Box Theater and the demolition scheduled for the old Ely building to make way for the Velocity Center construction (a CSM and Navy partnership). NAMMO is close to securing space within the town of Indian Head, and also behind the gate.

Jim Estepp, Executive Director of the Andrews Business and Community Alliance, briefed on the upcoming 75<sup>th</sup> anniversary celebration for JBA on May 2<sup>nd</sup>. He stated that the County will have a new State Senator for this district, including new county executive and county council members. They have good relationships with the candidates and look forward to briefing the winning candidates on the importance of the base to the community.

The meeting closed 12:09 PM

# Maryland Military Installation Council (MMIC)

## Meeting Minutes

November 27, 2018

Meeting began at 8:35 AM

MMIC Executive Director Lisa Swoboda kicked off the meeting at 8:50 am and introduced MMIC Chairman Secretary Mike Gill.

Chairman Gill welcomed the group and thanked the Council leadership. He gave special recognition to former MMIC Executive Director BGen Mike Hayes (USMC, Ret.) and to outgoing MMIC Members Delegate Sally Jameson and Alan Imhoff, an original MMIC member. Chairman Gill thanked both for their service to the Council and to the State. In his welcoming comments, he emphasized Maryland military installations as key innovation drivers in the State and thanked installation garrison commanders for their important work in contributing to installations' significant economic impact.

Ms. Swoboda introduced keynote speaker Lucian Niemeyer, the Department of Defense (DoD) Strategic Advisor for Defense Resiliency Programs. Mr. Niemeyer recognized Ms. Swoboda and thanked BGen Hayes for their service leading Maryland's BRAC activities, and recognized OMFA's role in growing the military installations across the state. Mr. Niemeyer spoke to the current DoD priorities, primarily energy resiliency. Since communities play a big role in supporting the installations, it is important for DoD and installation leadership to work with community groups to protect missions/areas from encroachment in order to sustain and enhance the military mission. Mr. Niemeyer discussed the importance of the National Defense Strategy and recommended defense communities read it to better understand how they can aid in helping installation's with their mission from outside the fence in order to increase military value. Military value is important to define – now it is defined as the ability of a base to sustain itself from a physical or cyber-attack. The homeland is not a sanctuary, and in today's world there could be a domestic attack via cyber breaches or other attempts to prevent us from doing the work we do to keep the nation safe. It is more important than ever to partner to mitigate these risks.

Mr. Niemeyer discussed the 5 pillars of resiliency – energy security, environmental, physical, cyber, and mission resilience. DoD wants to work with communities and states to be resilient and recover from an attack. The question is how do we build our resilience to continue to project power? Regardless of what happens to our infrastructure, can we sustain our mission? DoD is actively looking for solutions. For example, for energy resiliency, installation leadership can work with local utilities to improve the energy usage/access for installations in order to withstand an attack on our power grid. Important components to energy resiliency include protecting industrial control systems and infrastructure, and having a viable, sustainable back-up power that can operate off-the-grid. DoD is starting to take the bases off-the-grid to see what would happen

to the installation. It is critical to test the resiliency and to see if these back-up systems work. DoD must show adversaries that our military can be resilient off-the-grid.

Energy security – Mr. Niemeyer asked installation commanders to work with energy managers to put together a management plan along with local utilities to install micro-grids, to enable pulling the installation off the grid. DoD has conducted this type of test with a handful of installations, fully shutting them down to test back-up energy plans.

Environmental resiliency – sea level rise, flooding, CA wildfires are examples of environmental factors impacting resiliency. DoD needs to have engineered solutions to continue the mission. An example to mitigate flooding would be to raise the HVAC system off the ground floor.

Physical resilience – how vulnerable are the bases to a UAV attack? Addressing this growing threat to resiliency requires cooperation and collaboration with local communities to define sensitive areas around a base where UAVs are restricted.

Our national weapon systems demand more power than ever to be sustainable. We are projecting more power on the battlefield, using directed energy programs, increasing our national AI programs - all require an increased power demand. For example, to sustain the cyber mission on Ft. Meade, the installation had to add two substations to ensure resiliency to that important mission.

Mr. Niemeyer took questions from the audience.

Question – How might the new leadership in Congress affect the DoD's mission, and what are the concerns?

Answer – The house will not support the level of the DOD budget we have seen lately. However we have a new HASC Chairman Rep. Adam Smith (WA) who supports DoD mission and a BRAC round. Important to articulate DoD's priority to the new leadership.

Question – With an increase in networking and sharing investments, have secured communications between bases been established?

Answer – DoD is shifting money into RDTE and working to secure day to day operations. Not sure that has drilled down to the Navy level, but is happening at the OSD level. DOD is focused on the unity of effort in sharing classified info.

Question – Understands budgetary realities, but from the installation's perspective it is difficult to understand how to afford the cost to pay local utilities for micro grids/off-grid plans. The funding streams at the installation levels will not be able to pay for this when they are working on repairs. Please comment.

Answer – Mr. Niemeyer acknowledged the issues the base had but there is a DoD account that funds these kinds of projects. Also funding these projects through unique funding mechanisms. Air Force is using OTAs to fund large energy projects to turn over the energy of a base to an entity to take care of the energy for 40 years.

Question– What is the crystal ball saying on increasing multi-year procurement authority for the Navy?

Answer – Congress is not comfortable with multi-year authority in general.

Question – Is there a plan to ramp up in energy storage?

Answer – Operational improvement funding for energy storage solutions is in the works. This is a DoD priority, shifted to OSD R&E to handle energy storage solutions.

Question– Are there new authorities to handle resiliency?

Answer – The Defense Access Roads program handled this previously as a tool to increase/solve problems with access roads around the base. Community infrastructure program is a new program that pays for infrastructure outside of the base if there is a need for it. An installation commander (not Congress) has to say this is absolutely necessary and that they are willing to pay for it if the state and local communities support along with local utilities. No funding associated with it yet. This will have to be an account located from within DoD. The service has to source the funding for the project and get it into the budget themselves.

Question– Are there Other Transaction Authorities (OTAs) for energy programs or other resiliency priorities?

Answer – That would be helpful if they were willing.

Mr. Niemeyer concluded by thanking Maryland for their support.

Ms. Swoboda introduced Dave Wilder from Matrix Design Group, the consultant for the Statewide Joint Land Use Study (SJLUS) project. Mr. Wilder presented the study methodology.

The study is in draft, but will be available on the Dept. of Commerce website when completed.

Question – How do we get a JLUS study at our installation?

Answer – A commander can self-nominate for a JLUS through the Office of Economic Adjustment (OEA).

Question – A lot has been said about best practices for coordination. At Patuxent Naval Air Station we do not have a method to handle land use. But the federal government denies development through an Air Installation Compatible Use Zone (ACIUZ), which does not solve the issue with real estate and how to provide solutions other than leveraging additional funding. Those funding streams may not be easily available. Can we look at more specificity or leverage the existing reports?

Answer – Note examples of other states to leverage funds to meet issues. Among federal programs to address these issues, not all are listed. What are the problems that the state is trying to solve requiring outside the gate encroachment solutions? Put it in context and provide scale in

order to give the State visibility of those issues and utilize state resources, whether that be funding, legislative or otherwise.

Comment– The study is a good framework for all bases to use, especially for those bases who have not had a JLUS yet. It provides best practices, lessons learned, and how to look at a JLUS if you have not in the past.

Answer – There are other states that are looking at JLUS projects, including Arizona. Maryland is on the cutting edge.

Comment – (Aberdeen) is going through the process at a local level. We appreciate the State's initiative in moving us forward collectively and allow us to look at best practices for the State to adopt.

Question– I would like to know more about the process for the SJLUS.

Answer – It provides the ability to elevate your concerns at the installation and state level to leadership. The intent of the process was to find disconnects in communication, particularly from local level concerns and how they are communicated to the State, and then how to flag those issues for funding/solutions.

Ms. Swoboda thanked Matrix Design Corporation for their work on the study and thanked the State agencies for their participation.

Ms. Swoboda next introduced Tyrone Finney from the Department of Labor, Licensing and Regulation (DLLR) the Regional Veteran Employment Representative to talk about the Maryland Employment Services for Veterans Program.

Mr. Finney said that through Department of Labor funding, Maryland has 38 team members that focus on Veteran Services and are divided into 5 regions, Central, Bay, Shore and Western Maryland regions. The services are provided to veterans, spouses, and caregivers. Disabled Veterans Outreach Program (DVOP) staff provide intensive services and case management to the veterans that come to the American Job Centers.

The DVOP staff can only provide services by law if there is a need. Veterans must have one of the nine barriers to employment: homeless, recently separated from the military, ex-offenders, high school not completed, low income, ill or disabled, and veterans that have not completed their service because of service reduction. The American Job Center staff conduct the assessments to identify the barrier. Outreach is done at the VA, libraries or any place that a veteran may be. Career fairs and hiring events are organized. Two new DVOP positions were created to work directly with the veterans to get them ready for employment and present the veteran to businesses. This new service is being piloted in Western Maryland and the Eastern Shore. A new field position can do an assessment and provide the veteran with immediate services.



As of October 2018, current unemployment rate for veterans at 2.9% nationally, one of the lowest in history. Maryland's Veteran unemployment rate is 3.4%. The state program manager attended the national program and discussed the capstone program and issues with assessing a veteran for eligibility for services. Maryland may want to look at the legislation for this program.

Contact information: – Leroy Thomas, the Veteran Services Manager - 410-767-2015; Tyrone Finney, Acting Program Manager and the Shore Manager - 410-767-3018

Comment – The VA is trying to build a website for retiring veterans transitioning out of the service that will identify jobs that they are currently eligible for and the pay range of those jobs. Job counseling is also provided.

Ms. Swoboda introduced Helga Weschke, Director of Federal Business Relations, who spoke about the new STEM repository of programs occurring at the installations. The repository is based on survey responses from the military installations. The STEM programs are for students K through 16+.

The data is presented in two ways. The first is a spreadsheet that summarizes the various program types, such as internships, Lego robotics or in school presentations. The second are profiles for each installation that provides details about their programs. This information can be shared across all installations to learn about best practice. Most importantly, the repository will be shared across the entire educational system, including school superintendents, parent organizations, and higher education. It will be housed on the Maryland Dept. of Commerce's website. The next step is to gather the STEM program information from civilian federal agencies.

Ms. Swoboda introduced Michael Siers, Interim Director of Research from the Regional Economic Studies Institute, Towson University, who reviewed the methodology and status of the 2018 "Maryland Economic Impact Study of Military Facilities".

The Office of Military and Federal Affairs commissioned this update for the last study released in 2015. The report is based on 2016 data. The study surveyed 15 military installations in Maryland. The report analyzes the economic impact data that includes on base-specific payroll, procurement, visitor and other spending. The estimated economic impact is \$57.5 billion. The report is in draft form, and when complete, it will be available on the Dept. of Commerce website.

Question– Was tax revenue included?

Answer – This report does include fiscal impact data, which consists of tax revenues generated to the state, counties and municipalities.

Question– 2016 is looking at how BRAC has played out. Can you speak to those changes?

Answer – On-base the employment went up, while on-base purchases/procurement went down, primarily due to the decline of building construction. In BRAC 2005, Maryland was the largest recipient of DOD installation jobs (25% of nation's MILCON dollars to implement BRAC) and that was a large difference in the impact today.

Question – Will each of the alliances get an overview of their impact at a granular level?

Answer - Yes, subchapter for each installation and appendices with data from each installation for FY16 and FY12 has been prepared.

Ms. Swoboda – Entire report is released along with mini installation reports (already shared with installations for their review). Data is only as good as we get from the bases; Ft. Meade is 48% of the economic impact across the state. The FY12 numbers were adjusted do some discrepancies, which explains the downturn of that FY12 number.

Question - Relative to the economy of Maryland, would like to see a comparison to the rest of Maryland's economy.

Answer – Agreed. Over time you would see installations contributing a larger share to Maryland's economy due to the direct employment increase for installation personnel. Maryland installations have been growing faster than Maryland's economy.

Question– Will the local community receive any talking points about the report and common themes?

Answer (Ms. Swoboda) – Yes, we can ask Public Affairs Officers to prepare talking points to share on a common FAQ.

Question– Did you contact the tenant organizations to verify their information?

Answer – Yes, the tenant organizations in FY16 were contacted to verify the information.

Question – What is induced spending? How was this calculated?

Answer – Induced spending is base personnel spending off-base. Indirect is categorized as anything helping to support overall mission (e.g. procurement, contracts, supplies to support mission). This data is calculated through economic modeling.

### **Installation Commander's Overview**

Naval Support Facility Indian Head - Captain O'Leary – discussed waste water and trash issues. Pursuing infrastructure deficiencies.

Naval Air Station Patuxent River - Captain Jason Hammond – Have an Intergovernmental Service Agreement (IGSA) for road maintenance. Appreciates SJLUS activity and is interested in looking at the full document to see what they can leverage in terms of DoD priorities and partner with the State to find solutions.

Naval Surface Warfare Center Carderock - Jack Templeton – There is a 10% employee attrition this year. Training the next generation of worker is difficult, but has been conducting outreach to attract workforce. The Change of Command is mid-April; CAPT Cedric McNeal will be the new commander. The facility hosted human powered submarines STEM effort for high school and middle school students. Carderock is doing an advanced navy technology showcase next year. Through Commercial Solutions Open, they are soliciting proposals for demonstrations.

Joint Base Andrews - Col. Jocelyn – Expressed appreciation to the Maryland Dept. of Environment and the Army Corps of Engineers for an agreement to allow JBA to use 37 acres of wetland environmental credits for future construction on base. Base expansion will include expansion of base exchange, new construction of dental center, and a new hanger. They are expanding STEM activities through the next Aerospace Summit in March 2019. In May 2019 – there will be a STEM Expo at the Airshow, larger than in past years.

Aberdeen Proving Ground - Tony Camello - Acknowledged installation assistance from Dean Ertwine, Karen Holt and the Army Alliance. There will be a new two star command through Army Futures Command headquartered in Austin. This will be the Network Cross-Functional Team, with the stated mission to innovate and fix Army networks. The 2<sup>nd</sup> Community Opioid Summit will be held again on Dec 11. The Surgeon General is the keynote speaker for this event. APBI/Discovery Week, largest APG partner engagement, will be first week of May, 2019. This will be partnered with Discovery Week/STEM activity.

US Coast Guard Yard - Captain Vince Skwarek – The Yard is expanding workforce by 5-10% a year to meet the construction/maintenance projects and recapitalization projects. They have a robust internship program with City of Baltimore and others. They are grateful for infrastructure improvements to allow the cutter improvements. They have a long-term relationship with NOAA and resigning partnering agreement for a second service life extension program. Looking for new business opportunities. Toured the dry dock at Trade Point Atlantic in Baltimore County, with Ivan Caplan, for consideration of future projects.

Army Corps of Engineers – Carlos Lazo – The Ft. Meade access control point is wrapping up mid-2019. The APG headquarters building is wrapping up. Ft. Detrick, USARMC headquarters will be finished FY2019.

Ft. Detrick – Mr. Gunnar Pedersen – On Oct 1 a major command at Ft. Detrick transferred from US Army Medical to US Army Materiel Command. It is likely that there will be a split in activities between Army Materiel Command and Army Futures Command. The Garrison signed an Intergovernmental Support Agreement with Frederick County to send solid waste to local landfill rather than use Ft. Detrick landfill, which is closing.

Ms. Swoboda introduced Debbie Burrell to talk about Smart Proc 2019. Ms. Burrell gave an overview of the procurement conference and how they will be bringing new business into Maryland by companies and getting them in front of the government buyers. Expecting about 1,000 attendees.

## **Alliance President Updates**

**Maritime Technology Alliance - Ivan Caplan (MTA)** – They are conducting career fairs to help to deal with attrition rate. They have a STEM student employment program (STEP) to target high school students with employment agreements before graduation. Carderock is the leader for ship design programs and will be bringing all ship design personnel together into one location. Trade Point Atlantic dry dock could help the naval infrastructure improvement project for all shipyards needing Graving docks. Ivan highlighted the passing of a naval ship designer who broke racial and gender barriers, Ray Montague.

**Military Alliance Council - Vince Hungerford** – He recognized the Indian Head community is meaningful in supporting the base. Received funds to demolish a building outside of the base, allowing for the creation of the Velocity Lab to further innovation of technologies from the base. Administrator of the Velocity Lab will be College of Southern Maryland, which will provide staffing and educational training for the lab. There are shared services with the town: IGSA with the town to help the base with sewage capacity and waste management. Expects 400 more jobs in the next 5-6 years.

**Army Alliance -Tom Albro** – The Alliance has an outstanding relationship with Major General Taylor. The Alliance hosts three events a year. The breakfast meeting was held Nov 14<sup>th</sup>, with a panel discussion on growing the Edgewood area. Discussed impact of Army Futures Command and demolition of buildings in the Edgewood area. Major General Taylor asked the Alliance to include Adelphi lab under the alliance's umbrella. In Feb, congressional staffer visit. In March, visit to Capitol Hill to discuss base priorities. Number one issue is the demo of the contaminated buildings at Edgewood (first demo will occur in Dec 2019).

**Ft. Detrick Alliance - Amanda Johnston** – The have a 15% increase in membership. STEM events planned – spring research event, FPI showcase and the take your kids to work day. Their networking breakfast talked about internship and employment opportunities. Attended an MDOT hearing about expansion of Route 15 in Frederick which will impact the base. Planning a “Doing Business with the Fort” event for government contractors, and a May 6<sup>th</sup> Innovation Celebration Gala with a STEM theme.

**Fort Meade Alliance -Doreen Harwood** – Met the fund raising goals for the resiliency center at Ft. Meade to provide services to base personnel. Groundbreaking will be late winter/spring and ribbon cutting about a year later. Establishing a committee to understand gaps that are presently widening between education systems. The steering committee will be comprised of members of industry and local school systems. The focus is to better prepare students for careers in industry and DoD. Will offer cyber grant to spread cyber programs to middle schools and high schools and to add cybersecurity to the curriculum. STEM Core pilot grant is to increase math skills in high school, college age students. This program has been expanded to local community colleges.

**Southern Maryland Naval Alliance - Gary Kessler** – Meeting with base leadership to get an understanding of the challenges/issues that the base has to support the resolution of those challenges. Workforce is the biggest area of concern – cybersecurity for example - and being able to attract and retain talent, considering that Amazon is locating in the area. Established a

working group to address this issue. Annual Navy Alliance meeting last month; Sec Lucien Niemeyer was the keynote speaker and the base/alliance is interested in the resiliency programs.

Ms. Swoboda introduced Maryland State Delegate - Sally Jamison and recognized it is her last MMIC meeting and asked her to make a few remarks and close out the meeting.

Delegate Sally Jamison said that although she is a Southern MD representative, she has attempted to advocate for all the bases statewide and has folks in mind to support the MMIC going forward. Thanked the forum for providing her with information and education on military activities going on throughout the state.

Ms. Swoboda closed out the MMIC meeting at 11:50 am.