



SECURE COMMONWEALTH PANEL

JULY 13, 2016 – VIRGINIA GOVERNOR'S OFFICE

WEST READING ROOM, PATRICK HENRY BUILDING

1111 EAST BROAD STREET, RICHMOND, VIRGINIA 23219

10:00 A.M. – 12:00 P.M.

Draft Meeting Minutes

Panel Members:

Hon. Brian Moran, Chairman and Secretary of Public Safety and Homeland Security

Hon. Karen Jackson, Secretary of Technology

Kirby Felts, Emergency Management Coordinator, Charlottesville-UVA-Albemarle

John Braun, Dynamics, Inc.

Michael Hamlar, President, Hamlar Enterprises

Del. L. Scott Lingamfelter, Virginia House of Delegates

Kevin Reynolds, Designee of Sen. Garrett, Virginia Senate

Meghan Hobbs, Designee of Hon. Todd Haymore, Secretary of Agriculture and Forestry

Corey Jackson, Chief Information Security Officer for IT & Cybersecurity Risk Leader for GE Lighting

Joseph F. Bouchard, VNA Consulting

John L. Bell Jr., Deputy Chief (Retired), City of Virginia Beach

Sen. Brice Reeves, Virginia Senate

John M. O'Bannon, Virginia House of Delegates

Jeremy McPike, Virginia Senate

Sean Cushing, Hazon Solutions

Elizabeth Leffel, Leffel Consulting Group

Mike Jagels, Designee of Hon. Mark Herring, Office of the Attorney General of Virginia

Pat Davis, Supreme Court of Virginia

Attendees:

Cpt. Steve Lambert, Virginia State Police

Cliff Burnette, Virginia Department of Aviation

Scott Smizik, Virginia Department of Transportation

Susan Mangold, Virginia Department of Emergency Management

Melvin Carter, Virginia Department of Fire Programs

Jon Selby, Office of the Secretary of Technology

Mike Coleman, Virginia Department of Veterans and Defense Affairs

Hayes Framme, Office of the Secretary of Commerce and Trade
Dr. Marissa Levin, Health Commissioner, Virginia Department of Health

Welcome and Opening Remarks

Secretary Brian Moran opened the meeting and thanked all for their attendance. The Secretary thanked former Deputy Secretary of Public Safety and Homeland Security (PSHS), Adam Thiel, for his service to the Commonwealth and wished him well on his new endeavor as Fire Commissioner of Philadelphia. He welcomed the new Deputy Secretary of PSHS, Curtis Brown, to the Panel and to the Governor's Office.

Member Introductions

All Panel members, including new members, introduced themselves.

Adoption of Minutes

Minutes were adopted for November 19, 2015 meeting.

Update: Cyber Security Commission Update

Secretary Karen Jackson updated the Panel on the Virginia Cyber Security Commission. Secretary Jackson noted that 14 positions have been added related to cyber security at the Virginia State Police (VSP) and Virginia Fusion Center (VFC) and that seven pieces of legislation related to cyber security were passed during the 2016 legislative session. It was noted that the final report on the Cyber Commission is currently being finalized.

Secretary Jackson and Secretary Moran participated in a National Governor's Association (NGA) sponsored Cyber Security Academy in Detroit, Michigan on June 6th and 7th. They assisted five (5) other states who applied to the Academy. The Secretaries will attend the NGA Summer Meeting in Iowa on July 14th through July 16th. At this meeting, Gov. McAuliffe will assume Chairmanship of the NGA and will make cyber security his top priority.

Secretary Jackson mentioned that cyber security is entering a new arena – cyber physical systems. We are transitioning from bits and bytes to being able to take control of physical systems (i.e. home security systems, drones, and vehicles). People need to be prepared to address the following areas previously underrepresented in cyber security:

- (1) Cyber and autonomy
- (2) Cyber and the internet of things – devices not typically connected are now being networked, e.g. security systems, EKG machines, traffic cameras. All of these things have the potential to be hacked.
- (3) Critical infrastructure: we need to work with private providers.

It was announced that the Office of the Secretary of Technology will be hosting the Cyber Physical System Summit September 20-22. Information from the Summit will be used to inform how the Commonwealth will address the cyber-physical threat.

A major initiative in the Commonwealth is working to ensure Virginia has the cyber workforce necessary to meet growing cyber security needs. There are currently 17,000 cyber jobs opening with starting salaries in excess of \$70,000. Secretary Jackson stated that she is working with Secretary Harvey on a plan to engage veterans for cyber roles. The Secretary also indicated that the legislature is helping Virginia compete with the private sector by implementing a scholarship for service program. The number of Centers of Excellence in Virginia have increased by three (3) (Radford, Lord Fairfax, TCC).

Del. Lingamfelter, Panelist, asked about Virginia's efforts to establish a private-public partnership in higher-education to assist in certifying military and former military in cyber security areas. Secretary

Jackson responded that Virginia is two to six weeks out from having a plan to leverage credentialing for veterans. It is unclear whether the plan will include active duty members. There are currently free options available in the private sector to obtain credentialing. Secretary Jackson further noted that she believes we are the first state to have “registered apprenticeships on cyber security.”

Update: Unmanned Systems Commission Report, Introduction of Public Safety Recommendations

Secretary Jackson updated the Panel on the Unmanned Systems Commission. Rules regarding Unmanned Aerial Systems UASs are constantly evolving. The FAA has ultimate responsibility for the rules of the use of UASs. Virginia is one of 6 states being used as a pilot by the FAA. Public safety agencies are well positioned to benefit from expanded UAS use.

The state completed its first successful package delivery in Wise, VA, with a delivery of medical supplies to a regional medical center. Secretary Jackson called the delivery “our Kitty Hawk moment” concerning UASs. UASs have been used in search and rescue and search and recovery efforts surrounding missing persons. In major incidents hobbyists and commercial pilots have demonstrated enthusiasm about flying their UASs around the incident scenes. The Secretary stated that Virginia is working with public and private sector partners to develop training programs for public safety around UASs.

Delegate Lingamfelter commented that the Civil Air Patrol and Department of Aviation should lead efforts on UAS issues. The Panelist noted that the legislature put money into a Center for Innovative Technology (CIT) program around centers of excellence related to unmanned systems. Secretary Jackson suggested that the Secure Commonwealth Panel take charge instead, forming a Sub Panel on Unmanned Systems.

Update: Virginia Fusion Center Situation Report

Secretary Moran introduced Cpt. Steve Lambert (VSP), from the Virginia Fusion Center (VFC). Secretary Moran recognized that this is the first time the Fusion Center has presented to the Panel. Cpt. Lambert thanked Secretary Moran and the Governor for their support.

Cpt. Lambert briefed out on the VFC, they are in the process of hiring personnel for the Cyber Unit to address cyber-crime and serve as its investigative branch. Secretary Moran thanked the legislators for putting funding for the cyber unit (4 new analysts) into the budget. The VFC now has a Joint Terrorism Task Force Officers at all three Federal Bureau of Investigation (FBI) field offices across Virginia.

Cpt. Lambert recognized the Dallas shooting event and the Fusion Center’s response to actual and planned protests following the shooting. The Dallas protest also highlights the attributes of the environment that social media can impact. Events can grow out of nothing and give police minimal time to plan and respond.

Delegate Lingamfelter asked if the VFC is valued by localities. Cpt. Lambert responded that while the VFC has a relationship with local agencies, they tend to prefer to maintain control during times of response. Secretary Moran recognized that the VFC not only disseminates information to localities, but receives information from locals, receives and sends information to and from federal authorities, and must also validate information before acting.

Update: VDOT and Hurricane Planning

Secretary Moran welcomed Scott Smizik, AICP, VDOT, to update the Panel on the Hampton Roads Crossing Study and hurricane planning.

Mr. Smizik reported that VDOT is currently working with federal agencies and is seeking input on infrastructure improvement alternatives that should be included in the study. VDOT is meeting with local boards, cities, and the Hampton Roads Planning Implementation Group. VDOT is on schedule to publish the study in early August and will hold a public review period. VDOT plans to then present the findings during local public hearings and to the Commonwealth Transportation Board in September. VDOT plans to have the final plan approved by summer 2017.

Mr. Smizik informed the Panel of four alternatives for infrastructure improvements. VDOT has provided agencies with information concerning how the different alternatives will change travel times at peak travel and that travel time will significantly increase if no build occurs. Secretary Moran recognized that transportation improvements in Hampton Roads impact hurricane preparedness and evacuation planning. Mr. Smizik indicated that evacuation capabilities were one of six criteria used in the development of the alternatives.

Update: Health Working Group – Strategy and Zika

Secretary Moran welcomed Dr. Marissa Levine, the State Health Commissioner from the Virginia Department of Health (VDH), to address the Panel.

Dr. Levine opened by recognized that health security is an important part of the Panel's deliberations and that health threats should be expected going forward.

VDH is currently working to enhance situational awareness about Zika. Dr. Levine highlighted VDH's Zika messaging approach using multimedia and detailed ways in which VDH is working to inform the community. VDH has hung over one million Spanish and English door hangers outlining the virus, symptoms, and risks.

Dr. Levine stated that currently, most of the funding to combat the virus originates from federal sources. Zika has no treatment or vaccine. VDH is preparing for any outcome, including a situation where Virginia born mosquitos carry and transmit the virus. Dr. Levine discussed the basics of the virus, how it is commonly transmitted, and how to reduce its impact. She noted that the biggest way to reduce the spread of the virus is to dump standing water containers in or around personal and commercial property. The most critical threat of the virus is to travelers. Dr. Levine reiterated that following the recommendation of the CDC, pregnant women should not travel to any points south of the United States. Currently, the length the virus stays in the blood is unknown.

Virginia has added a website for citizens to obtain Zika resources: www.zikava.org.

There have been 33 confirmed Zika cases in Virginia out of 868 citizens tested. Dr. Levine closed her prepared remarks by reiterating that Virginia needs to continue to focus on its strong start to combat the virus and protect the children of the Commonwealth.

Secretary Moran asked what mosquito controls are currently in place. Dr. Levine responded that step one requires citizens and businesses to empty their water containers. This is the most effective means to protect against the virus spreading. The mosquitos typically only have a range of 100-200 yards from their nest. Other measures include pesticides and aerial spraying.

A Panelist asked about how the virus works and whether mosquitos breed in marshlands. Dr. Levine reiterated that Zika carrying mosquitos do not breed in marshlands. It was noted that more southern states (Florida, Georgia, Texas, etc.) have greater local response capabilities to these threats given their proximity to the southern hemisphere. Mike Hamlar asked about death care and fatalities related to Zika.

Dr. Levine responded that Zika itself is not fatal and currently is not known to spread after death like Ebola.

Secretary Moran encouraged all the Panelists to take the information provided by Dr. Levine home and to inform their communities.

Public Comment

No public comment.

Panel Discussion

Secretary Moran turned the floor over to Deputy Secretary Curtis Brown. The Panel agreed on establishing a Sub-Panel to address UAS threats and use by first responders. Secretary Moran stated that the next Panel meeting will occur in November, allowing time for the Sub-Panels to meet. Deputy Secretary Brown asked current Panel members to consider joining the Sub-Panel if they wish to do so.

A motion was made and approved to create the Cyber Security Sub-Panel. The Panel's focus will be on issues pertaining to cyber crime and cyber threats to critical infrastructure. No objections were noted.

Closing Remarks

Secretary Moran announced the next meeting will be November 1, 2016. The meeting was then adjourned.