

**Cyber Security Commission
9th and Final Meeting Minutes**

March 29, 2016
West Reading Room, 1st Floor
Patrick Henry Building
1111 East Broad Street, Richmond VA 23219
10:00 a.m. until 11:30 a.m.

Co-Chairs:

Richard Clarke, Good Harbor Security Risk Management
Secretary Karen Jackson

Commission Members Present:

Barry Horowitz, Munster Professor of Systems and Information Engineering, U VA
Jandria Alexander, Aerospace Corp.
J.C. Dodson, BAE Systems
Betsy Hight, RADM United States Navy (ret)
Paul Kurtz, Trustar Corp.
Secretary John Harvey
Secretary Anne Holton
Secretary Brian Moran
Jennifer Bisceglie, Interos
Rhonda Eldridge, Technica Corp.

Volunteers/Advisors/Staff in Attendance:

Rear Admiral Bob Day, Cyber Commission Executive Director
Dietra Trent, Office of the Secretary of Education
Josh Heslinga, Office of the Attorney General, Cyber Commission Counselor
Raina Washington, Executive Assistant to Secretary of Technology
Mike Watson, CISO VITA
Isaac Janak, VA Homeland Security
Gene Fishel, COV AG
Jon Selby, Office of the Secretary of Technology

Public Members Present: Listing attached.

Minutes Times in 24 hour clock format.

10:13 Introductory remarks from co-chairs. Co-chairs directed final actions including

creation of a memoranda from the Commission to Governor McAuliffe that summarizes:

- a. Key work completed and objectives achieved.
- b. Recommendations that still need additional effort and follow through.
- c. New items to be considered.
- d. Initiatives recommended for consideration by the National Governor's Association forum.

Co-chairs tasked the Executive Director to develop the draft memo by end of May for review by Commission members and final submission to the Governor.

10:30 Co-chairs opened the floor for each Commissioner to reflect on work they completed during Commission and any final recommendations they believe should be considered.

Richard Clarke discussed initiative by Palo Alto Networks, Microsoft, and Cisco Systems to create a one week "boot camp" to train veterans in core skills needed to operate their systems; Virginia could potentially partner with these providers to establish the "boot camps" in the numerous veteran dense population area's within the Commonwealth.

Paul Kurtz and Secretary Harvey discussed the need to conduct routine Cyber Incident table top exercises that engages all aspects of the Commonwealth. It was suggested that scenarios like the recent Ukraine power grid attack or Medstar DC ransomware event should be exercised. Secretary Moran expressed frustration with the current level of alerting and communication from the Federal government when incidents like the Medstar DC events happen; this is likely a good topic for the NGA to discuss with the Department of Homeland Security.

Secretary Holton reported that:

- Two more Virginia colleges had received cyber CAE certification and seven have submitted applications for accreditation.
- One time funding has been secured to conduct 32 two week cyber camps for Virginia K-12 students.
- The registered cyber apprentice program is in the final stages of being rolled out.

Co-chair Richard Clarke suggested that a metric/score card be developed to track

cyber job openings and the number of cyber CAE program graduates to assess the effectiveness and impact of the CAE program.

Jennifer Bisceglie reported that the Commonwealth Cyber Portal was fully operational and suggested a marketing campaign, including public service announcements, be considered to ensure Commonwealth citizens know that this resource is available.

Betsy Hight suggested there could be great value in establishing dialog with the Maryland Cyber program to develop a Cyber “Silicon Valley East” concept that would benefit both states from an economic development perspective.

Secretary Moran expressed his great appreciation for the work and support provided by the Commission members. He is recommending that the work done by Crime Work Group be continued within the Commonwealth Homeland Security Panel to further develop the statute changes needed to address cyber issues. Secretary Moran advised the Commissioners on the initial success of the cyber assessments being conducted by the Virginia ANG and that a new ANG Cyber unit is being established at Langley; the success of the ANG municipality assessment program should be considered as a briefing item for the NGA.

Rhonda Eldridge expressed appreciation for the ANG assessments and encouraged the Commonwealth to consider development of a civilian cyber corps that could perform similar assessments and advisory functions for Virginia municipalities and public institutions.

J. C. Dodson discussed the gap he perceives between what citizens expect the Commonwealth to be able to do to address cyber threats and incidents and the actual capabilities that any State or organizations actually possess. He encouraged further education of Commonwealth citizens and especially Assembly members on cyber threats, how citizens should protect themselves and respond, and the capabilities that the Commonwealth needs to further improve the overall cybersecurity of Commonwealth assets and the ability to respond to incidents.

Co-chair Richard Clarke asked what percentage of the Commonwealth Information Technology budget was specifically spent on cyber security and how did that compare to benchmarks from other States, Federal agencies, or best practices from industry? Clarke suggested that this would be a useful metric for the Governor and Assembly to review.

Jandria Alexander suggested that more incentives are needed to generate interest in the private sector to develop or relocate companies, especially cyber industry related, to the Commonwealth. She cited the apparent success of Maryland incentive programs and the need to take a more detailed review of what Maryland has implemented and the true level of success being achieved.

Barry Horowitz reported on a program from the Business Higher Education Forum to establish a lab for Cyber Physical research and development; this capability should be ready for standup in six to nine months. He continues to work with the State Police and NIST to develop telematics and cyber protection capabilities for automobile fleets.

- 11:45** Co-chairs expressed their appreciation for the exceptional contributions by all of the Commissioners, support staffs, and the numerous subject matter experts that have been engaged with the Commission.
- 11:47** Session opened for Public Comment, none presented. Motion made and seconded to adjourn the meeting and close Commission activities, motioned approved, meeting and Commission adjourned.

Attachment: Public Attendee Listing

Minutes recorded by Rear Admiral Bob Day, Commission Executive Director