

**Cyber Security Commission
Fourth Meeting Minutes**

March 18, 2015
Patrick Henry Building, Richmond
10:00 a.m. until 12:00 p.m.

Co-Chairs:

Richard Clarke, Good Harbor Security Risk Management
Secretary Karen Jackson

Commission Members Present:

Rhonda Eldridge, Technica Corporation
Jennifer Bisceglie, President/CEO, Interos Solutions Inc.
Barry Horowitz, Munster Professor of Systems and Information Engineering, U VA
Andrew Turner, VP, Head of Global Security VISA
Paul Kurtz, Chief Strategy Officer, CyberPoint
J.C. Dodson, BAE Systems
Betsy Hight, RADM United States Navy (ret)
Secretary Brian Moran
Paul Tiao, Partner, Hunton and Williams LLP
Secretary Anne Holton
John Wood, CEO Telos
Secretary Harvey
Secretary Jones

Volunteers/Advisors/Staff in Attendance:

Rear Admiral Bob Day, Cyber Commission Executive Director
Josh Heslinga, Office of the Attorney General, Cyber Commission Counselor
Raina Washington, Executive Assistant to Secretary of Technology
Mike Watson, CISO VITA
Captain Steve Lambert, VA State Police
Elizabeth McGrath, MITRE
Dave Burhop, VA DMV
Kirk Marlowe, VA State Police
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.

- 10:12** Introductory remarks from Richard Clarke. Secretary Jackson provided details of Commissions initiatives presented and considered during recent legislative session. Five of the six Cyber Crime work group statute changes were approved during session and will be signed by Governor. Some resources have been reallocated to continue initiatives recommended by several of the work groups.
- 10:18** Rear Admiral Day provided a briefing on forthcoming Commission activities (proposed meeting dates, Town Hall meetings) and key dates for Work Group submission of materials for the first Commission report.
- 10:23** Minutes from the 7 November 2014 Commission Meeting were reviewed by members, a motion to approve the minutes was made and seconded. All members voted to approve the minutes as written.
- 10:28** Paul Kurtz briefed Commission members on the Infrastructure Work Group activities and plans. Key initiatives include completion of the cyber security survey by Commonwealth agencies and initiation of survey analysis by Virginia Commonwealth University. The Work Group will continue development of the Joint Cyber Operation Center concept with a focus on how to improve collaboration and joint effort of existing Commonwealth Cyber resources. Continued analysis will be undertaken on how best to leverage the capabilities of VA National Guard to conduct cyber assessments of Commonwealth counties and municipalities. Commission members initiated a detailed discussion on a potential Work Group effort to conduct an in-depth analysis of Personally Identifiable Information (PII) held by Commonwealth agencies and the levels to which it is protected including the use of encryption; creation and implementation of a Commonwealth standard was envisioned as a possible target. The Work Group will review this issue with the Commonwealth Chief Information Security Officer.
- 10:40** Barry Horowitz briefed Economic Development Work Group activities and plans. The initial Unmanned Aerial Vehicle (UAV) meeting drew broad participation from industry, academia, and Federal entities; the group will meet on 24 March 2015 to

continue development of a UAV Cyber Security Consortium focused on leveraging Commonwealth capabilities to position the Virginia as a leader in overall UAV cyber security development and testing. Horowitz briefed on the recent meeting at the Commonwealth Center for Advanced Manufacturing (CCAM) on the creation of a Center of Excellence (COE) for Cyber Security in Advanced Manufacturing. The first meeting was attended by over 75 members from across industry and academia to discuss how to leverage the NIST framework to enhance overall cyber security in advanced manufacturing processes. The Work Group continues evaluate the creation of a COE for automobile cyber security that would conduct penetration testing on automobile systems and develop a scoring system; Horowitz discussed the potential for an after-market industry to evolve from these efforts. Paul Kurtz discussed how an automobile security test range could be a valuable part of this initiative.

11:11 Jennifer Bisceglie briefed the Commission on the Work Group Town Hall program. The initial Town Hall held at Virginia Tech was considered a great success with over 200 persons attending. The next Town Hall will be held at New College Institute in Martinsville VA on 23 March 2015; three more Town Halls have been scheduled and all Commissioners were encouraged by the co-chairs to attend at least one event. Bisceglie discussed the social media efforts being conducted to support the Town Halls and encourage continued dialog with citizens and municipalities. The level of interest being generated by the events supports the Work Group proposed Cyber Information Exchange and Reporting Portal; the Work Group will continue to develop strategies to leverage existing Commonwealth capabilities (i.e. CyberVA website) to establish a communication conduit that will support and enhance the dialog that the Town Halls are generating.

11:20 Andrew Turner briefed the Commission on the Education Work Group focus on expanding the number of Commonwealth educational institutions certified to provide Cyber Security certificate programs. Many of the community colleges are already starting to develop their programs to obtain desired national certifications and potential access to Federal scholarships and support. Work Group subject matter expert Margaret Leary has identified the costs related to developing the needed cyber lab environment is considered a major hurdle for many schools seeking accreditation. The creation of a virtual lab environment, potentially supported by one of the major universities, and accessible by the community colleges was discussed as a very good objective for the Work Group. Several Commission members asked the Work Group to consider initiatives that focused on

attracting cyber skilled veterans leaving service (Virginia has one of the highest densities in the nation) to not only cyber positions in industry but also as potential instructors at Virginia community college cyber programs; possible joint effort with the Public Awareness Work Group was discussed. Richard Clarke asked the Work Group to consider developing metrics to gauge impact of proposed initiatives; for example ratios of cyber jobs available versus number of student enrolled in cyber programs.

- 11:43** Paul Tiao introduced the George Washington University (GWU) team that conducted a detailed analysis of Commonwealth statute and law with respect to Cyber Security issues. The GWU team compared the Commonwealth laws and penalties against Federal and other State standards. The GWU team provided an exceptional briefing on their findings and recommendations for modifications and additions to Commonwealth statute and laws. The Work Group will continue to work with the Attorney General office to develop submissions, based on the GWU analysis, for consideration during the next legislative session. The Commission applauded the exceptional analysis and presentation provided by the GWU students.
- 12:10** Co-chairs directed Work Group leads to continue the excellent work but to clearly focus on getting materials ready for input into the first Commission report that will be presented at the July Commission meeting.
- 12:12** The floor was opened for Public Comment.
- 12:13** Co-Chair Richard Clarke moved that the meeting be adjourned, the motion was seconded. Meeting adjourned. Work Groups meeting commenced.

Attachment: Work Group Slide Presentations, Public Attendee Listing

Minutes recorded by Rear Admiral Bob Day, Commission Executive Director