

Hyattsville, Maryland

Council Members Present or Represented (33/57)

Mr. Donald Fry (for Attorney General Brian Frosh, Chair), Dr. David Anyiwo, Delegate Ned Carey, Dr. Michel Cukier, Robert De, Chas Eby (for Russell Strickland), Judi Emma, Mary Jo Hayes, Senator Katie Fry Hester, Fred Hoover, Clay House, Brian Israel, Dr. Anupam Joshi, Yessim Karaman (for Walter Landon), Dr. Kevin Kornegay (for Dr. David Wilson), Secretary Michael Leahy, Senator Susan Lee, Delegate Mary Ann Isanti, Bel Leong-hong, Ken McCree, Joseph Morale, Colonel Reid Novotny (for MG Timothy Gowan), Colonel William Palozzi, Jonathan Powell, Jonathan Prutow, Markus Rausche, Christine Ross,



- x Ransomware Bill (2019 HB 211). The bill would update the computer intrusion law to raise the penalties for such intrusions and to include hospitals. The bill makes knowing possession of ransomware with an intent to raise a misdemeanor and makes intrusion a felony. The bill does not apply to ransomware that is used purely for research purposes. It permits a right of private action.
- x Bill to expand the role of the State Department of Information Technology is overseeing cybersecurity policy for public entities within Maryland. The bill under discussion within the subcommittee is based on the 2018 North Dakota Bill 2110.

Secretary Michael Leahy, Chair, Cyber Operations and Incident Response Subcommittee

The Secretary provided an update on activities by the Department of Information Technology (DoIT). He noted that DoIT has caught up on patching systems and was launching a vulnerability management initiative that goes beyond the specific reaction to the ransomware threat to broadly protecting systems. Finally, he noted that the subcommittee would meet soon to discuss a recent executive order.

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Bel Leong-hong, Chair, Economic Development Subcommittee.

Ms. Leong-hong noted that the meeting was consequential one, committing the subcommittee to focusing on its recommendations in the July 1, 2019 Activities Report:

Recommendation 6 (Support for IP start-ups). The subcommittee recognizes the need the EXCEL Maryland report and other places, to find ways to accelerate the transition from lab to market for new cybersecurity products. The processes at the universities for doing this are complicated. TEDCO cannot do it all alone. Other entities in the cyber ecology have successful track records in supporting IP startups that bear examination. What other states are doing is informative too. Georgia, for example, has created a cyber innovation zone with appropriate incentives to attract investment in the commercialization of cyber-related IP. Since Maryland already has innovation zones, it might consider linking them, so that they work together as a network. Members of the subcommittee will engage with the business community to explore specific approaches that the subcommittee could shape into actionable recommendations.

Recommendation 7 (Streamlining tax credit related to cybersecurity). Based on feedback from the business community, the subcommittee believes that the current process for businesses to qualify for and therefore is underutilized. The member of the subcommittee from the Maryland Department of Commerce (Ken McCreedy) agreed to convene a group of stakeholders to see what changes could be proposed.

Ms. Leong-hong observed that her subcommittee would like to partner with the Education and Workforce Development Subcommittee (Cybersecurity Workforce Development). Recommendation 5 seeks to expand cybersecurity apprenticeship programs by providing additional incentives to employers. Ms. Leong also mentioned that the current process for firms wanting to bid on government contracts or trying to fulfill contracts already won.

In response to Ms. Leong:

- x Senator Lee indicated that the Law, Policy and Legislation Subcommittee would be willing to work with the Economic Development Subcommittee on the tech transfer issue. The Senator agreed that looking at what has worked in other states be very useful.
- x Brian Israel pointed to the successful work of DataTribe in facilitating commercialization of technology out of Ft. Meade and recommended including them in the discussion.
- x Mr. Fry acknowledged how the critical nature of the security clearance issue but observed that it is a federal problem that there is little that can be done by state government to remedy it.

Senator Katie Fry Hester, Chair, Subcommittee on Education and Workforce Development

Senator Hester introduced herself to the Council, indicating how excited she was to chair the subcommittee. She noted that she is ~~for~~ ~~DLU~~ ~~RI~~ ~~WKH~~ ~~\*HQHUDO~~ ~~\$VVHPEO\~~ ~~¶V~~ - P Cybersecurity, Technology and Biotechnology and that she saw some intersection between the

Key points from his presentation included the following:

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notification to ACTRA members went out quickly and was followed with updated advisories, indicators of compromise (IOCs), and strategies for defense.

Senator Lee observed that Maryland has suffered its share of ransomware attacks and would have benefitted from an ACTRA-like organization. She noted that combatting threats is a multiprong effort that includes empowering legal action against unlawful intruders and raising the penalties for ransomware and other attacks.

Mr. Clay House How did the engagement model work when ACTRA was establishing itself and what is the typical timeline.

Mr. Grimmelmann: T