



## Meeting Minutes Nevada Commission on Homeland Security Cyber Security Committee (CSC)

<b>Attendance</b>	<b>DATE</b>	October 31, 2017	
	<b>TIME</b>	1:00 P.M.	
	<b>LOCATION</b>	Legislative Counsel Bureau Legislative Building – Room 3138 401 S. Carson Street Carson City, Nevada 89701	
	<b>METHOD</b>	Video-Teleconference	
	<b>RECORDER</b>	Karen Hall	
<b>Committee Membership</b>	<b>Present</b>	<b>Committee Membership</b>	<b>Present</b>
Mark Hutchison – Lieutenant Governor	x	Joe McDonald	x
Terry Daus	x	Deron McElroy	
Caleb Cage	x	William Olsen	x
Dennis Carry	x	Shannon Rahming	x
Robert Dehnhardt	x	Randy Robison	x
Mehmet Gunes	x	Rachel Skidmore	x
Greg Hearn	x	Mike Smith	x
Robin Heck	x	Justin Zhan	
Scott Howitt			
<b>Ex Officio or Other</b>		<b>Support Staff</b>	
Samantha Ladich	x	Karen Hall	x

### 1. CALL TO ORDER AND ROLL CALL

Lieutenant Governor Mark Hutchison, Cyber Security Committee Chair, called the meeting to order. Karen Hall, Division of Emergency Management and Office of Homeland Security (DEM/HS) performed roll call. Quorum was established for the meeting.

### 2. PUBLIC COMMENT

Chair Hutchison opened discussion for public comment. Director Jim Wright, Nevada Department of Public Safety, introduced Shaun Rahmeyer as the new Administrator for the Office of Cyber Defense Coordination (OCDC). Administrator Rahmeyer looks forward to working with the CSC. Chair Hutchison and Vice-Chair Terry Daus, City of Henderson, welcomed the Administrator to his new position.

### 3. APPROVAL OF MINUTES

Chair Hutchison called for a motion to approve the minutes from the May 2, 2017, Cyber Security Committee (CSC) meeting. Motion to approve minutes as presented was made by William Olsen, NV Energy, with a second provided by Chief Caleb Cage, DEM/HS. All were in favor with no opposition. Motion passed unanimously.

#### 4. REVIEW OF COMMITTEE REPORT DEVELOPMENT

Chief Caleb Cage, DEM/HS provided a review of the current status of the Cyber Security Report including discussion edits and additions to the report since the last CSC meeting. Chief Cage emphasized the goal of having a draft report complete for presentation to the Nevada Commission on Homeland Security on December 6, 2017, and he thanked DEM/HS staff in addition to CSC members for their input and contribution to the development of this report.

Chief Cage indicated that he is seeking input on recommendations for Items 6 and 7 within the report, and noted that other areas have been updated with information identifiable in guidance, historical information, and on-going CSC member input. Emphasis was placed on reviewing the current mission and vision statements and the inclusion of the importance of the OCDC's strategic plan.

Chair Hutchison inquired on the input received to develop Item 6 within the report. Chief Cage spoke to the timeline of the report development and the consensus that the CSC would have two basic outcomes focused towards the grant cycle and another for legislative and policy changes prior to August 2018. An initial draft of the report would include foundational elements to handle grant requirements, and a final report was to be completed by April 2018 to address legislative recommendations. Chief Cage provided a brief overview of the report structure explaining each section of the report and emphasizing key objectives. Chair Hutchison clarified what the CSC's action is regarding this agenda item, with Chief Cage indicating that he is looking to see if the CSC agrees with the structure and content of the report in addition to gaining insight for Item 6 material.

Joe McDonald, Switch Ltd., indicated that information on grant project successes may be missing from the report and spoke to the possibility of incorporating an appendix scaling the successes on what worked or didn't work. Mr. McDonald also asked that future drafts include metrics to gauge project or program success. Successes are not easy to identify in the cyber world. Chief Cage agreed with the addition of adding successes in appendices or callouts, and inquired if there is a recommendation for the budgetary or policy portion of the report under Item 6 as a placeholder to incorporate CSC and OCDC established metrics for gauging successful projects past, present, and future. Mr. McDonald agreed with that direction.

William Olsen, NV Energy, also spoke to Item 6 indicating the need for historic information on spending and/or policy to develop policy and budgets that identify gaps in capability. Chief Cage indicated that the second bullet point may be a possible place to start. One approach would be to go to Enterprise IT Systems (EITS) and get an overview of some of historic budget approvals from the past few sessions. Outside of that, it could be more time intensive, and the recommendation was added that the CSC and/or OCDC could provide a robust overview prior to the next budget cycle to ensure gaps are addressed. Mr. Olsen agreed with that recommendation.

Rachel Skidmore, Las Vegas Metropolitan Police Department (LVMPD) requested an updated spend report be included in the final draft. Chief Cage indicated that those numbers would be updated in the final report.

Considerable discussion prompted by Randy Robison, CenturyLink, ensued on the timeline of having the report ready for the Commission. Chief Cage indicated it may be beneficial to have the draft report completed and in front of the commission on December 6, 2017, and prior to January 1, 2018, to inform the OCDC strategic plan which is due by January 1, 2018. Chair Hutchison would like to have a draft report ready for the Commission's review in December. Mr. Olsen presented concern on being able to build Item 6 appropriately with such a tight timeline, indicating that Sections 1-5 be refined prior to the Commission, and Item 6 could be refined and presented by either the January 1,

2018, or the April 2018 deadline. Chief Cage indicated the report could be curtailed as indicated or alternatively it could include high level recommendations to ensure not missing an opportunity to make recommendations to the incoming Administrator of OCDC, or push it out till April 2018. Chief Cage presented concern in missing an opportunity in putting forth recommendations to the new Administrator and the Commission, and suggested inclusion of three high-level recommendations. Vice-Chair Daus agreed with the recommendation to incorporate high level guidance supporting the OCDC and encouraging approval by the Commission by December 6, 2017.

Sergeant Dennis Carry, Washoe County Sheriff's Office, spoke to matrices for success and the difficulty in identifying such matrices within the cyber world. It is difficult to do when success is realized when no events occur. Sergeant Carry indicated that grant audit reporting may be a beneficial matrix that could be used for the purposes of identifiable results. Chair Hutchison inquired if there have been grant audits in the past that could meet this request. Chief Cage spoke to the amount of grant audits routinely performed, and that information is public.

Vice-Chair Daus inquired if the CSC would benefit from creating a subcommittee under the CSC to address deliverables requested for the final report. Chief Cage indicated that although a subcommittee could assist with the development of specific information that would be doable on the advice of the Nevada Attorney General's office in establishing such a committee. Chair Hutchison inquired on how this would look structurally, with Chief Cage indicated his preference would be to establish one subcommittee generating recommendations for Item 6 after the January 1, 2018, OCDC Strategic Plan is published. Mr. Olsen questioned the timeline of subcommittee input, and additional discussion was presented on the authority to create this subcommittee under the agenda item. Chief Cage suggested that the CSC could brainstorm updates for the report now, or there would possibly have to be another full CSC meeting with an agenda item to establish the subcommittee. Mr. Olsen inquired if the action on the agenda item would cover the establishment of a subcommittee, with Samantha Ladich, Nevada Attorney General's Office, indicating that although the specific creation of a subcommittee is usually agenda item, the language for action in this agenda item is sufficient to move forward. Discussion ensued on the ability of the CSC to create a subcommittee culminating with a motion by Greg Hearn, Las Vegas Valley Water District, to create the CSC Subcommittee.

Chair Hutchison presented concern on whether this was allowable as a reasonable agenda standard, with Samantha Ladich indicating she was comfortable with the interpretation of the agenda item. Chief Cage spoke to developing specific and clear course of action by the subcommittee, and the very short timeline required pushing through this report requirement. Chief Cage spoke to sun setting the CSC Subcommittee after report approval by the Commission. In order for there to be impact on the first draft of the report, and the looming January 1, 2018, deadline for provision of the OCDC strategic plan, the proposed CSC Subcommittee would have to finish its input no later than December 6, 2017. Randy Robison spoke further to timelines and due dates, and inquired if there are not some general high-level recommendations the CSC could make today to assist the subcommittee further refine such recommendations.

Chief Cage indicated that there could be an additional recommendation to establish response protocols through looking at Henderson's project tool, establishing metrics to assess future grant opportunities to build out a better understanding of statewide investments in cybersecurity, and creating a high-level report to start the conversation to influence grant making authority and inform the Administrator of the OCDC. This could be accomplished today, and after January 2018, the CSC could refine those recommendations.

Chair Hutchison indicated that he wanted to move forward with the identification of high-level recommendations in addition to forming the CSC Subcommittee today. Chief Cage read into record

the high level recommendations as currently amended emphasizing that the recommendations categories within the report tie to objectives. Any recommendations today can enhance what is currently written at the direction of the CSC.

Randy Robison spoke to the second recommendation read by Chief Cage assuming this included consideration of those items the CSC is charged with as deliverables. Chief Cage indicated that the CSC has the ability to say what the standards are that cyber security grant projects must adhere to, and it's important to establish limits and boundaries for shaping cyber projects. Shanna Rahming, Nevada Department of Administration (NDOA), agreed with the creation of a framework for use of grant funding, and Chief Cage will add that to the list of recommendations.

Chair Hutchison asked for the final list of high level recommendations to be placed into record, and Chief Cage read into record the following:

1. The State shall establish metrics to establish successful grant projects;
2. Create a framework by which the State (CSC Subcommittee) can assess future grant projects;
3. Provide a high-level overview of state investments in information technology and cybersecurity over the course of the past 3 biennia, and recommend the OCDC provide a long-term budget map for the next five years to build off of; and
4. Establish operational and information sharing protocols for cybersecurity within the state of Nevada.

Robert Dehnhardt, NDOA, moved to approve the recommendations as presented, and Vice-Chair Daus seconded the motion. All were in favor with no opposition. Motion passed unanimously.

Chief Cage clarified his direction in that these recommendations would develop Item 6, build out Items 1 and 7, adding success stories, and preparing the report for the Chair to present to the Commission on December 6, 2017.

Chair Hutchison polled CSC membership for interest in serving on the CSC Subcommittee making the following appointments to that body including:

Terry Daus (CSC Subcommittee Chair), Mike Smith, William Olsen, Dennis Carry, Joe McDonald, Shannon Rahming, and Rachel Skidmore.

Vice-Chair Daus called for the expansion of Item 6 to include the mission and purpose statement from the Governor's CSC appointment letter.

Chair Hutchison called for a motion to approve the membership and mission as presented. A motion to approve was put forth by Greg Hearn, and a second was provided by Rachel Skidmore. All were in favor with no opposition. Motion passed unanimously.

## **5. BRIEFING ON THE SOUTHERN NEVADA COUNTER TERRORISM CENTER (SNCTC) CYBER ANALYTIC PROJECT**

Deputy Chief Christopher Darcy, LVMPD, spoke to the current Integrated Cyber Analysis Program within the LVMPD/SNCTC and how it came to fruition through partnership with private sector corporations to address incorporating private expertise into the fusion center. There are a myriad of threats within the cyber world affecting all organizations, and this project was designed to create a plan to address those threats with the help of private infrastructure such as Las Vegas Sands Corporation.

A framework was developed for communication and collaboration with key objectives to facilitate intelligence and information sharing, policy recommendations both internal and external with partner agencies, and to assist with coordination of efforts relating to incidents occurring in southern Nevada. The SNCTC, Las Vegas Sands Corporation analysts, homeland security division and LVMPD personnel, participating agencies, and the computer forensic section were all part of the project which has provided deliverables to date, yet also has seen some setbacks due to personnel changes and process issues. The main point was to develop a partnership with a private entity inside of a fusion center, and to do this, the Las Vegas Sands sent one of their cyber analysts, at no charge, to the fusion center once per week. A template was developed to facilitate information sharing, and an internal tabletop exercise was conducted with key members of LVMPD to address response to a cyber-attack. Deputy Chief Darcy emphasized the need to continue growing this program, and the current grant-funded individual requested through the HSGP process will be housed at the SNCTC for 18 months. That individual will be placed with the part-time individuals from the private sector to share information. Fusion centers have the ability to share information, and with the creation of the new ODCD and continued partnership with the Nevada Threat Analysis Center, information sharing will improve tremendously.

Chairman Hutchison thanked Deputy Chief Darcy for the report, and inquired on the types of community partnerships that would be most helpful to this endeavor. The Deputy Chief indicating primarily critical infrastructure key resources within the valley, especially in light of the 1 October incident in Las Vegas.

Joe McDonald congratulated the Deputy Chief on his promotion, and spoke to the cyber analyst's purview with looking at threat relevance and information exchange between the SNCTC and the private sector. The fusion center has the unique opportunity to speak to agencies in a secure way. Deputy Chief Darcy indicated that this program is in its infancy and those issues are being addressed as the process evolves.

Randy Robison had interest in the lessons learned and challenges faced when sharing information between the fusion centers and the private sector. Deputy Chief Darcy spoke to not just the technical aspect of the cyber-component, but it's the people-related aspect as well. Most agencies are law enforcement centric when involved in information sharing, and the private sector component was missing.

## **6. PUBLIC COMMENT**

Irene Navis, Clark County Office of Emergency Management and Homeland Security, spoke to her membership with the State, Local, Tribal, and Territorial Government Coordinating Council (SLTTGCC) which is a committee of the Department of Homeland Security's (DHS) Office of Infrastructure Protection. In attending the annual plenary meeting for the SLTTGCC, Ms. Navis indicated that a discussion ensued regarding the challenges with funding cybersecurity projects with DHS funding. In June of 2017, the SLTTGCC began discussions with DHS's Office of Infrastructure Protection and the DHS Deputy Assistant Secretary regarding this issue, and DHS requested a white paper to include the current challenges seen throughout the country. The SLTTGCC began a regional landscape study to identify challenges in developing cybersecurity projects. Of consideration in the findings was the necessity for enhanced communication between policy and grant administrators, clearer funding guidance articulated with notices of funding opportunities including allowable project costs, specific training on developing project proposals and investment justifications best practices, and development of specific performance measures to identify success and progress. In September of 2017, the full council met and reported to the Deputy Assistant Secretary of DHS and the head of the FEMA Grants Directorate.

The full council indicated that the white paper provided was the first it had received on such cybersecurity challenges, and the information was timely and beneficial in enhancing the infusion of information into future notices and guidance. They committed to better coordination between policy and grant administration, exploring project guidelines, provision of training and technical assistance on project proposals and investment justifications, and putting that training into FEMA Region IX as a resource. Though no time frame was guaranteed, there is hope that enhancements as noted can be part of the next grant cycle. Chair Hutchison thanked Ms. Navis for her presentation and requested that a copy of this white paper be sent to Chief Cage for distribution to the CSC members. Ms. Navis indicated she would get that information to Chief Cage for distribution.

## **7. ADJOURN**

Chair Hutchison called for a motion to adjourn the meeting. A motion to adjourn was presented by Joe McDonald, and second was provided by Greg Hearn. All were in favor with no opposition, and meeting was adjourned.