

## **Highlights from the NCMF 22<sup>nd</sup> General Membership Meeting & Annual Symposium**

Thursday, 22 October 2020  
Via ZOOM

### ***Welcome and Memorial Tributes***

Mr. Richard C. Schaeffer, Jr., Chairman of the Board, National Cryptologic Museum Foundation (NCMF)

Mr. Schaeffer welcomed over 40 NCMF members to the 22<sup>nd</sup> annual General Membership Meeting (GMM) over ZOOM. He expressed regret that we were not able to have an in-person event this year – an incredible year marked by COVID, but also filled with exciting happenings for the Foundation.

As is customary, he recognized the loss of individuals who had contributed to the success of the Foundation. Mr. Jim Boone and Mr. Bill Kvetkas passed away during the past year. Mr. Boone was an early member of the Foundation (joining in 1998) and provided significant support. Mr. Kvetkas was a plank holder (since 1996) and the first treasurer of the Foundation. Mr. Schaeffer pointed out that over the past several months, the Foundation has worked to update many of its foundational documents which were written by Mr. Kvetkas. In conclusion, Mr. Schaeffer recognized both men as “Greats in the Cryptologic Community.”

### ***Update on NCMF Structure & Governance***

Ms. Laura Nelson, President and CEO

Ms. Nelson described in more detail the review and updates of the Foundation’s governing documents. The By-Laws have been revised to include the expanded activities of the Foundation. She also described structural changes made to the Board of Directors to include the establishment of committees with dedicated responsibilities. The newly established Executive Committee includes Mr. Schaeffer, Ms. Verstandig, Mr. Griffin, Mr. Inglis, and herself. The Articles of Incorporation were changed to align to the By-Laws. Finally, Ms. Nelson described that the budget has been restructured to be consistent with those of non-profit organizations.

### ***NCMF-CCEI Education Update***

Mr. Mark Loepker, Education Director

Mr. Loepker opened his remarks with thanks to Ms. Christine Harding who has lent tremendous support to the many programs he has undertaken. His brief overview covered (1) the building of the High School Cybersecurity Curriculum Guidelines and Materials; (2) the grants received from the NSA/CAE and the LDC; (3) the establishment of the NEPRIS channels to deliver cyber content virtually to over 8000 classrooms nationwide; (4) webinars offered to teachers and school counselors supported by UMGC; (5) partnerships with high schools to soon include the new Crofton High School; (6) support to Theorem Media's "Cyber Nation" project; and (7) leading the K-12 Working Group on Cyberspace Solarium Commission Cyber-oriented Education Recommendation.

### ***NCMF-CCEI Update***

Ms. Laura Nelson and Mr. Larry Castro, Project Manager

Ms. Nelson reported on the strengthening of the Foundation's relationship with the National Security Agency (NSA), greatly aided by strong support from Ms. Natalie Laing, NSA's Director of Engagement and Policy. The new "Coming Soon" sign, posted at the entrance to NSA, announces the building of the Cyber Center for Education and Innovation (CCEI) that will house the Museum. Mr. Castro then described the three-phase construction plan that has been adopted. The Foundation has contracted with the Gilbane construction firm with a guaranteed maximum price of \$47.2M. Next July, at the end of Phase A, the Foundation will deliver to NSA a hard shell which will allow NSA to apply the \$15M appropriated funds to the fit-up. Construction of the building is estimated to take 26 months; thus, completion would be in November 2022. Mr. Castro closed with recognition for the hard work of many, to include NSA's Installation and Logistics organization. Ms. Nelson then announced that the Groundbreaking Ceremony will be held on 30 October with General Nakasone's participation. They are hopeful to be able to offer a virtual event as the audience will be limited due to COVID restrictions.

[Due to inclement weather, the Groundbreaking Ceremony on 30 October was cancelled and will be rescheduled.]

### ***National Cryptologic Museum Update***

Mr. Robert Simpson, Acting Curator

Mr. Simpson has served as acting curator of the Museum since the recent retirement of Mr. Patrick Weadon who held the curator position for 15 years. He remarked that there have been some positive outcomes due to the challenge presented by COVID. The Museum closed on 13 March (cancelling the annual, popular PI Day event!); the staff returned to the building in mid-May. As a result of being closed to the public, they have learned to present several virtual events, including both standing and ad hoc tours, and a series of programs. The library has continued to aid high school students, individuals, and authors who need reference material. Many volumes of research have been digitized and are available online;

photos and videos are available, and there is an online portal into the NCM catalog. Once the Museum reopens, they are committed to continue and grow virtual services.

Ms. Janine Pederson, who leads the Public Affairs Office at NSA, shared the news that Dr. Vince Houghton, currently the historian and curator at the International National Spy Museum, will become the executive director of the Museum on 26 October. In addition, Ms. Sally Lockley, from the staff of the NSA Office of General Counsel, will join the Museum's leadership team.

### ***Virtual Tour of NCM Exhibits***

Ms. Jennifer Wilcox, NCM Education Coordinator and Museum Administrator

Ms. Wilcox then conducted a tour of the Enigma exhibit at the Museum. She stated that this is the Museum's most popular exhibit and one of the only places where visitors can encrypt and decrypt messages using a pair of Enigma machines. Her tour covered the description of how the machine works and was used by code clerks. She also described how the ciphers were exploited by the Allies in WWII.

### ***Keynote Presentation: "The Use of Force for State Power: History and Future"***

Dr Michael Warner, US Cyber Command Historian and Lt. Col. John Childress, USA

Ms. Nelson introduced the guest speakers who based their discussion on their recently published book, *The Use of Force for State Power: History and Future*. They offered an interesting discussion of how intelligence, military history, and political theory all fit together. They provided a framework showing that rulers create force through cooperation, conveyance, and comprehension. If any one of these is altered, then a shift in power follows.

*\*The speakers provided a summary of their presentation, available via the 2020 GMM Recap Page.*

Following a question/answer period, Ms. Nelson presented the speakers with a token of appreciation and sincere thanks for their presentation.

### ***Closing Remarks***

Ms. Laura Nelson

Ms. Nelson announced that the NSA's Center for Cryptologic History's biennial Symposium on Cryptologic History will be next held in the spring of 2022. At that time, the Foundation's GMM will also move to springtime to maintain alignment with the CCH Symposium.

Prepared by Joan Ruhl, 2 November 2020