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UPDATE ON

US CYBERSPACE SOLARIUM COMMISION & CYBER SOLARIUM 2.0

Philip Niedermair

CSC 2.0

HTTPS://CYBERSOLARIUM.ORG/

"NEVER IN THE FIELD OF HUMAN CONFLICT HAS SO MUCH BEEN OWED BY SO MANY TO SO FEW"

- Winston Churchill

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"NEVER IN THE FIELD OF HUMAN CONFLICT HAS SO MUCH RESPONSIBILITY BEEN GIVEN BY SO MANY TO SO FEW"

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The CSC 2.0 project was created to support continued efforts to implement outstanding US Cyberspace Solarium Commission recommendations, provide annual assessments of the implementation of CSC recommendations, and conduct research and analysis on several outstanding cybersecurity issues identified by the CSC during its tenure.

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THE US CYBER SOLARIUM COMMISSION READING ON CAPITOL HILL

CSC 2.0 Year 2 Assessment

Original 82 recommendations stats for 2021

- Roughly 35% were fully implemented or nearing implementation
- Nearly 45% were on track

Original 82 recommendations stats for 2022

- Nearly 60% are fully implemented or nearing implementation
- More than 25% are on track to implementation

CSC 2.0 Year 2 Assessment

When you include White Papers – its 116 recs – and Similar completion rates (60% / 25%)

Authorizing Legislation:

- FY21 NDAA: 27 provisions that implement 25 different CSC recommendations
- FY22 NDAA: includes additional 12 recommendations
- Infrastructure Investment & Jobs Act: 6 recommendations
- CHIPS and Science Act: 11 recommendations

Appropriations:

- FY21 appropriations: 19 funding priorities
- FY22 appropriations: 42 funding priorities
- FY23 appropriations: 35 funding priorities

CSC 2.0 Year 2 Assessment

“29 of the priorities highlighted by commissioners were funded or addressed in the Consolidated Appropriations Act, 2021, the Infrastructure Investment and Jobs Act, the Consolidated Appropriations Act, 2022, and the Joint Explanatory Statements included with these bills.”

“Congress prioritized cybersecurity with increasing funding for government cybersecurity efforts through the Fiscal Year 2022 appropriation and even more expected in the Fiscal Year 2023. For instance, the Department of Homeland Security’s Cybersecurity and Infrastructure Security Agency’s (CISA) budget has grown by over half a billion dollars, from $2.0 billion for FY20 appropriation to $2.59 billion for FY22 appropriation (a more than 25 percent increase).”

CSC 2.0 Year 2 Assessment

“The Biden Administration continues to lead the efforts to strengthen norms and non-military tools in cyberspace, creating the Bureau of Cyberspace and Digital Policy at State Dept with an ambassador charged with leading America’s international engagement on cyberspace challenges (rec 2.1).”

Continuing the Legacy of the Cyberspace Solarium Commission (CSC): The Work Plan for the CSC 2.0 Project

” The CSC 2.0 project will preserve the legacy of the Cyberspace Solarium Commission and continue the work to implement its recommendations. Specifically, the project will:

- Conduct and publish an Annual Assessment of legislative/executive progress on CSC recommendations
- Conduct research and analysis related to outstanding CSC legislative recommendations
- Provide research to policymakers as they implement executive branch CSC recommendations
- Represent CSC positions/policy recommendations at conferences, panels, hearings

Continuing the Legacy of the Cyberspace Solarium Commission (CSC): The Work Plan for the CSC 2.0 Project

"The project will conduct research and analysis and develop policy proposals in five issue areas:

- Cybersecurity in the Water/Wastewater Sector
- Federal Cybersecurity Workforce Development
- Continuity of the Economy Planning
- Cybersecurity in the Maritime Transport System Sector
- Cybersecurity in the Healthcare Sector

"LET US THEREFORE BRACE OURSELVES TO OUR DUTIES AND BEGIN IN EARNEST TO WORK TOGETHER & BUILD CYBER FIRST AND LAST IN ALL THAT WE DO- AND IF THE FREE PEOPLE OF THE USA AND WORLD KEEP A PEACE FOR A THOUSAND YEARS, MEN WILL SAY, "THIS WAS THEIR FINEST HOUR."

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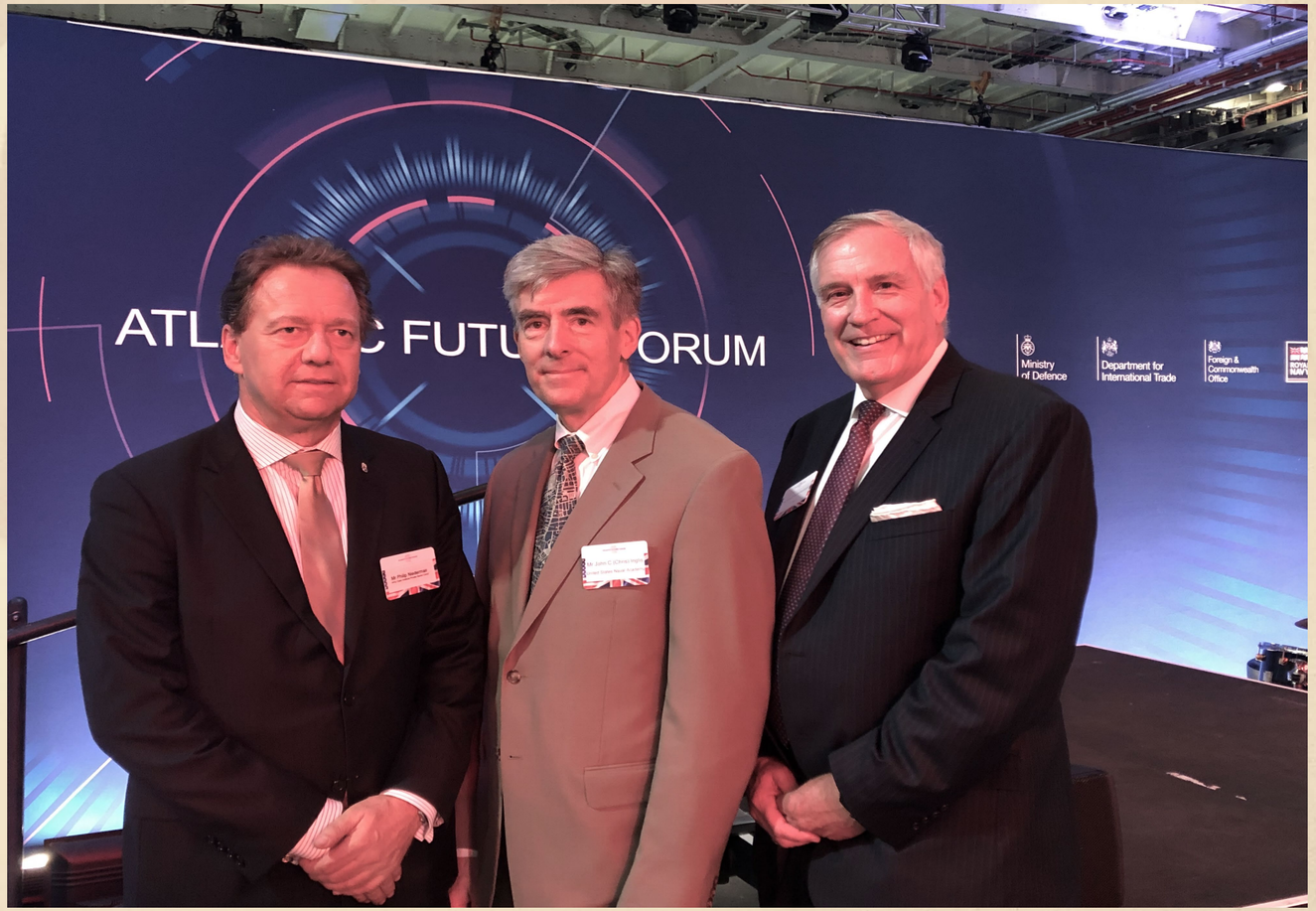
CSC 2.0

Special Thanks & Recognition to Chris Inglis



"Time and tide wait for no man."

– Scottish Proverb