



RVTEC UPDATE TO UNOLS COUNCIL

13-14 August 2019

RVTEC ANNUAL MEETING

UAF - OCT 22-24

Planned and Potential Informational Breakout Sessions

- Cybersecurity and Cyberinfrastructure
- Sensors and Instrumentation, Near Real Time (NRT) Data Demonstration
- GPS Systems
- Satellite Communications
- Shipboard Networks and Firewalls
- Rigging Seminar (Potential)

CYBERSECURITY AND CYBERINFRASTRUCTURE RECOMMENDATION TO UNOLS COUNCIL

- Compiling Recommendations from NSF Trusted CI Engagement
- Input and review from panel of community members
 - John Bichy – SKIO
 - Scott Ferguson - UH
 - Robert Kamphaus – UW
 - Alex Ren – LUMCON
 - Ethan Roth - UAF

HIGHLIGHTS FROM NSF TRUSTED CI ACTIVITIES TO DATE

- The ARF as a distributed large facility lacks a Chief Information Security Officer (CISO)
- Large Facility solutions will need to be considered to address Cybersecurity
 - Economy of scale/efficiency
 - Authority/Responsibility (Appendix A/Appendix B)
 - Providing a level of fleet wide consistency to ship users with domain specific expertise