

# EMS Summit



ASSOCIATION  
OF OLD CROWS

19-20 MAY 2020

Online Virtual Event

## Final Agenda

*Sessions will be held from 0900 – 1700 EDT/ 1300 – 2100 UTC*

**Tuesday, May 19**

**0900 – 1030**

**Welcome**

**Mr. Muddy Watters, President, Association of Old Crows**

**Mrs. Shelley Frost, Executive Director, Association of Old Crows**

**Session 1 | Collaborative EW**

**Moderator: Mr. Greg Siuta, Chapter President, Association of Old Crows Mugu Roost**

**Industry Solution presented by Mercury Systems**

*From Chip Scale to System Scale, Mercury is Driving Innovation That Matters for the EW Community*

**Mr. Bryan Clark, Senior Fellow, Hudson Institute**

*Establishing an Enduring Advantage in EW*

**Mr. James Bauer, Program Manager, Systems Engineer, Virginia Systems and Technology (VaST)**

*Collaborative EMS*

**Industry Solution presented by Empower RF Systems, Inc.**

*Solid State Power Amplifiers for Domination of the Electromagnetic Battle Space*

**1030 – 1145**

**Session 2 | Collaborative EW**

**Moderator: Mr. Greg Siuta, Chapter President, Association of Old Crows Mugu Roost**

**Industry Solution presented by KBR**

*KBR at the Forefront of Collaborative Electronic Warfare*

**Lt Col Mark "Ernie" Gombo, USMC, MAGTF EW/OCO/Space Branch Head, HQMC**

*MAGTF EW Update*

**Dr. Melissa Midzor, NASCTN Program Manager, National Institute of Standards and Technology (NIST)**

*Metrology for Complex Networked Systems*

**1145 – 1220**

**Lunch/Break**

**1220 – 1350**

**Session 3 | Collaborative EW**

**Moderator: Mr. Greg Siuta, Chapter President, Association of Old Crows Mugu Roost**

**Industry Solution presented by Rohde & Schwarz**

*R&S Radar EW Simulation*

**Dr. Armen Kvrnan, Materials Engineer, Naval Surface Warfare Center Port Hueneme**  
*Advanced Protective Covers for the Electromagnetic Spectrum*

**CAPT Michael Orr, USN, Program Manager, Airborne Electronic Attack Systems Program Office (PMA-234)**  
*ALQ-249 Next Generation Jammer Mid-Band*

**1350 – 1520**    **Session 4 | Multi-Domain Operations in the Electromagnetic Spectrum**  
**Moderator: Mr. Michael Ryan, Board of Director for Strategy & Northeast Regional Director, Association of Old Crows**

**Industry Solution presented by SRC, Inc**  
*Spectrum Dominance in Multi-Domain Operations*

**GEN John M. Murray, USA, Commander, United States Army Futures Command**  
*What the Electromagnetic Spectrum means to Army Modernization*

**LTG Neil Thurgood, USA, Director for Hypersonics, Directed Energy, Space and Rapid Acquisition**  
*Rapid Prototyping to Meet Emerging Challenges*

**Industry Solution presented by D-TA**  
*DC to “Daylight” Spectrum Processing Solutions in Action*

**1520 – 1645**    **Session 5 | Multi-Domain Operations in the Electromagnetic Spectrum**  
**Moderator: Mr. Michael Ryan, Board of Director for Strategy & Northeast Regional Director, Association of Old Crows**

**Industry Solution presented by Pacific Defense**  
*Pacific Defense Video Instruction to Multi-Domain Operations in the Electromagnetic Spectrum*

**LTG Scott David Berrier, USA, Deputy Chief of Staff of the Army G-2**  
*Army Intelligence - Once Vision, One Vector, One Voice*

**COL Kevin Finch, USA, Program Manager, Electronic Warfare & Cyber (PM EW&C)**  
*Multi-Domain Operations in the Electromagnetic Spectrum*

**Wednesday, May 20**

**0900 – 1045**    **Session 6 | EW Capability Gaps and Enabling Technologies**  
**Moderator: Mr. Thomas Dalheim, Distinguished Engineer, Advanced EW, Naval Surface Warfare Center, Crane Division**

**Industry Solution presented by Keysight Technologies**  
*Keysight Technologies: Precise Signal Generation, Capture and Analysis*

**Maj Gen Lance Landrum, USAF, Deputy Director for Requirements and Capability Development (J8), Joint Staff**  
*EW Capability Gaps and Enabling Technologies*

**Mr. Christopher O’Donnell, SES, DASD, Platform and Weapon Portfolio Management OUSD, A&S**  
*EW Capability Gaps and Enabling Technologies*

**Industry Solution presented by Leonardo DRS**  
*Leonardo DRS Intelligence, Cyber and Electronic Warfare Systems and Radios*

- 1045 – 1205**    **Session 7 | EW Capability Gaps and Enabling Technologies**  
**Moderator: Mr. Thomas Dalheim, Distinguished Engineer, Advanced EW, Naval Surface Warfare Center, Crane Division**
- Industry Solution presented by TEVET LLC**  
*LibertyGT PXIe Modular, COTS RF Record & Playback Solutions for EW System Test & Measurement*
- Mr. Thomas Dalheim, Distinguished Engineer Advanced EW, Naval Surface Warfare Center, Crane Division**  
*Engineering the Future of EW*
- Dr. Michael Christensen, Director, Sensors and Communications, Office of Under Secretary of Defense (Research & Engineering)**  
*Engineering the Future of EW*
- 1205 – 1300**    **Lunch/Break**
- 1300 – 1430**    **Session 8 | EW Updates**  
**Moderator: Mr. Muddy Watters, President, Association of Old Crows**
- Industry Solution presented by Annapolis Micro Systems**  
*Overview of Annapolis Micro Systems*
- Dr. Paul Zablocky, Program Manager, Defense Advanced Research Projects Agency (DARPA)**  
*DARPA Mosiac and Electronic Warfare*
- Mr. John C. Bowling, NH-04, DAF, Technical Expert, Avionics Architectures and Interoperability, AFLCMC/EZAC**  
*The SOSA™ Technical Standard: Progress and the Joy of Integration*
- 1430 – 1545**    **Session 9 | From the Field Community Updates**  
**Moderator: Mr. Muddy Watters, President, Association of Old Crows**
- Col John G. Thien, USAF, Commander, 721st Operations Group (USSF)**  
*ABC's of EMSO and Space Operations*
- CAPT Matthew Duffy, USN, Commodore, Airborne Command & Control and Logistics WING**  
*Launching Into The Next Decade: Airborne Command & Control - A Community In Transition*

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