

# AOC

## Collaborative EW

March 10–12, 2026 | Point Mugu, CA

### Tuesday, March 10th | SECRET US Only Sessions

- 0800 – 0810 **Mr. David Wood, Symposium Chair**  
*Welcome and Introductions*
- 0810 – 0820 **Captain Daniel W. Brown, Base Commander, NAVBASE Ventura County**
- 0820 – 0830 **Mr. Gerardo Garcia, SSTM, Spectrum Warfare Department Director, Naval Air Warfare Center Weapons Division (NAWCWD)**
- 0830 – 0900 **RDML Keith Hash, Commander, Naval Air Warfare Center Weapons Division (NAWCWD)**  
*Welcome*
- 0900 – 0930 **Ms. Christina Ward, Naval Air Warfare Center Weapons Division (NAWCWD)**  
**Mr. Brandall Horney, Naval Air Warfare Center Weapons Division (NAWCWD)**  
*Intel Brief Update*
- 0930 – 1000 BREAK**
- 1000 – 1030 **Keynote Address**
- 1030 – 1100 **Mr. Randy Camasso, RF Systems Engineer, Metamagnetics**  
*Signal Conditioning Module to Enable Communications while Jamming*
- 1100 – 1130 **Mr. Bruce Nagy, Senior Research Engineer, Naval Air Warfare Center Weapons Division (NAWCWD)**  
*Dual Intelligent AI Systems for Strategic Electronic Warfare in Link 16 MSK Communications*
- 1130 – 1200 **Mr. Boris Shishkin, Principal Member of the Engineering Staff, Lockheed Martin Advanced Technology Laboratories**  
*Distributed Phase-Synchronous Transmitter Arrays: Communication and Sensing in Dynamic Environments*
- 1200 – 1300 LUNCH**
- 1300 – 1330 **Keynote Address**
- 1330 – 1400 **Mr. Robert Wilkerson, Deputy Director of Autonomous Systems, Toyon Research Corporation**  
*Swarming Collaborative Reconnaissance Electronic Effects Munitions (SCREEM)*
- 1400 – 1430 **Mr. Tyson Wooten, Director of RF Engineering Electrical, Cubic Mission & Performance Solutions**  
*Advancing Expendable Swarm Capabilities via Inexpensive Digital Beamforming*
- 1430 – 1500 **Dr. Serena Michaels-Pitman, Principal Systems Engineer, Lockheed Martin Aeronautics – Skunk Works**  
*Collaborative Autonomous Electro-Magnetic Spectral Operations (EMSO)*
- 1500 – 1530 BREAK**
- 1530 – 1600 **Mr. David Kirk, Principal Engineer, Information Systems Laboratories (ISL)**  
*Achieving Unprecedented Realism: Real-time HWIL EW Testing in site-specific RF Environments*
- 1600 – 1630 **Dr. Andrew Norton, Program Manager, Toyon Research Corporation**  
*Electronic Mission Planning for Integrated Rapid Execution*
- 1630 – 1700 **Dr. Robert Croswell, Chief Scientist for Emerging Technologies, Motorola Solutions**  
*Progress in RF Technical Effect Mission Coordination*

### Wednesday, March 11th | SECRET Rel US, Australia and United Kingdom (AUKUS) Sessions

- 0800 – 0810 **Mr. David Wood, Symposium Chair**
- 0810 – 0840 **Keynote Address**
- 0840 – 0910 **Ms. Sarah Creasey, Research Engineer, Defence Science and Technology Group**  
*Australia's Defence Science and Technology Group's Cognitive Electronic Warfare Testbed*

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**\*DRAFT AGENDA – As of January 2026**

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- 0910 – 0940 **Ms. Christina Ward, Naval Air Warfare Center Weapons Division (NAWCWD)**  
**Mr. Brandall Horney, Naval Air Warfare Center Weapons Division (NAWCWD)**  
*Intel Brief Update*
- 0940 – 1010 BREAK**
- 1010 – 1040 **Wing Commander Lee Hodgkinson, Royal Air Force**  
*TBD*
- 1040 – 1130 ***International Panel Discussion***
- 1130 – 1230 LUNCH**
- 1230 – 1300 **UK/AUS**  
*Keynote Address*
- 1300 – 1330 **CAPT David “Yub Nub” Halpern, Commander, Naval Test Wing Pacific**  
*Keynote Address: Massed Electromagnetic Warfare: Naval-Led Coalition Innovation for the Next Peer Fight*
- 1330 – 1400 **Mr. Clifford Blackmore, Electromagnetic Warfare Program Manager, HII Mission Technologies**  
*Bridging Autonomy and Alliance: Integrating Unmanned EW and Teaming for Coalition Electromagnetic Superiority*
- 1400 – 1430 **Mr. Kevin Greeley, Principal Engineer, Flying Cross Aerospace**  
*Manned/Unmanned Teaming (MUMT) in Electromagnetic Warfare (EW) - A Distributive/Directive Datalink Implementation*
- 1430 – 1500 **Mr. Ayende Ibere, Cybersecurity Engineer III, Marymount University**  
*AI-Driven Risk Management for Coalition UAV Command-and-Control in Contested Spectrum Operations*
- 1500 – 1700 **For those not attending the tours: Join us for special afternoon social treat in tent while you see government displays and visit with industry.**
- 1500 – 1700 **Tours at NAWCWD**

### Thursday, March 12th | SECRET Rel US, Australia and United Kingdom (AUKUS) Sessions

- 0800 – 0810 **Mr. David Wood, Symposium Chair**
- 0810 – 0840 **UK/AUS**  
*Keynote Address*
- 0840 – 0910 **SQD Leader Matt Dearden, UK Royal Air Force**  
*Leveraging Low-Cost AUKUS Electronic Attack (EA) ‘Mass’ For Airborne Mission-Level Survivability in High Intensity Peer Conflict*
- 0910 – 0940 **Ms. Christina Ward, Naval Air Warfare Center Weapons Division (NAWCWD)**  
**Mr. Brandall Horney, Naval Air Warfare Center Weapons Division (NAWCWD)**  
*Intel Brief Update*
- 0940 – 1000 BREAK**
- 1000 – 1030 **Dr. Andrew Lucas, Managing Director, Agent Oriented Software (AOS), Melbourne, Australia**  
*Agile Distributed EW in a Drone-Dominated Land War*
- 1030 – 1100 **Wg Cdr Ash Cheek, Air Capability Futures, Royal Air Force**  
*Accelerating post-flight analysis of the Electromagnetic spectrum using advanced Machine Learning algorithms and Artificial Intelligence to enhance survivability and lethality*
- 1100 – 1130 **Mr. Jarrett Holcomb, Manager-R&D, Southwest Research Institute**  
*AI Enabled Open Control Protocol Standard for Distributed Manned/Unmanned EW*

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1130 – Noon	<b>Mr. Michael Garcia, AEA Advanced System Lead Engineer, Naval Air Warfare Center Weapons Division (NAWCWD)</b> <i>Optimization of Battlespace Operational Picture and Tasking</i>
<b>Noon – 1315</b>	<b>LUNCH</b>
1315 – 1345	<b>Keynote Address</b> <i>Multi-national Integration for Multi-domain Effects</i>
1345 – 1415	<b>Mr. Mark Threadgold, Chief Electromagnetic Warfare, Defence Science &amp; Technology Laboratory</b> <i>Trial GESTALT 25 - Synthetic Test &amp; Evaluation of multi-national layered EW</i>
1415 – 1445	<b>Dr. Don Gossink, Chief Scientist, Consunet</b> <i>Electromagnetic Battle Management (EMBM) – An EMSO Coordination Revolution.</i>
<b>1445 – 1500</b>	<b>BREAK</b>
1500 – 1530	<b>Dr. Charles Middleton, CTO, Critical Frequency Design, LLC</b> <i>Jammer Hammer: Time-Interleaved Comms-While-Jamming for Coalition EW</i>
1530 – 1600	<b>COL (Ret) Mike Smith, Defense Tech for Ukraine (DTU)</b> <i>Current Ukrainian FPV Strike Drone Unit Operations</i>
1600 – 1630	<b>Mr. Ben Egan, Senior Principal RF Countermeasures Engineer, Defence Science &amp; Technology Laboratory, UK</b> <i>Using synthetic Test &amp; Evaluation (T&amp;E) to support high confidence constructive Modelling and Simulation (M&amp;S) for Electromagnetic Warfare (EW)</i>
1630 – 1700	<b>Mr. Robert Young, Radar Systems Engineer, Defence Science and Technology Group, AUS</b> <i>Hitchhiking Radar – Current Research in Australia</i>
1700	<b>Symposium Wrap-Up: Mr. David Wood, Symposium Chair</b>