



Collaborative EW Symposium

March 11-13, 2025 | Point Mugu, CA

Draft as of March 6, 2025

Tuesday, March 11th | SECRET US Only Sessions

- 0800 – 0810 **Mr. Thomas Bluhm & Mr. David Wood, Symposium Co-Chairs**
Welcome and Introductions
- 0810 – 0820 **Mr. Gerardo Garcia, SSTM, Spectrum Warfare Department Director, Naval Air Warfare Center Weapons Division (NAWCWD)**
- 0820 – 0850 **Captain Jon E. Rugg, Vice Commander, Naval Air Warfare Center Weapons Division (NAWCWD)**
Welcome
- 0850 – 0900 **Ms. Amanda Brockermeier, Association of Old Crows**
AOC International Update
- 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 **Mr. Lyle Lair, Naval Air Warfare Center Weapons Division (NAWCWD)**
Implementing a Strong Deterrence Strategy Through EW Deployment
- 1030 – 1100 **Mr. Shawn Higgins, Naval Air Warfare Center Weapons Division (NAWCWD)**
Opening Switch Evaluations and MegaWatt Applications
- 1100 – 1130 **Mr. Harrison Schmiedel, Naval Air Warfare Center Weapons Division (NAWCWD)**
The Feasibility of HPM in the Endgame
- 1130 – 1300 LUNCH**
- 1300 – 1330 **Ms. Lynne Clarke, SSTM, EW Techniques and Countermeasures, Naval Air Warfare Center Weapons Division**
Integrated Spectrum Warfare (ISW) Strategic Vision
- 1330 – 1400 **Mr. Levi Roberts, Naval Air Warfare Center Weapons Division (NAWCWD)**
Specific Emitter Identification via UMOP in High Multipath Environment
- 1400 – 1430 **Mr. Michael Garcia, AEA Advanced System Lead Engineer, Naval Air Warfare Center Weapons Division**
Intelligent ES Multi-plat Radar Classifier
- 1430 – 1500 **Mr. Scot Napoletano, AEA Misson Planning Tech Lead, Naval Air Warfare Center Weapons Division (NAWCWD)**
ADAPTIVE Mission Planning Utilizing Tactical EMS Data
- 1500 – 1530 BREAK**
- 1530 – 1600 **Dr. Abir Ray, CEO/CTO, Expression Networks, LLC**
Data Integration Framework for Coalition EW Operations
- 1600 – 1630 **Mr. Dan Wetzel, Technology Fellow, Sierra Nevada Corp**
Combining High Probability of Intercept and Precision Direction Finding in an Integrated Processor Assembly
- 1630 – 1700 **Mr. Steven Shafer, Principal Program Manager/EW IPT Lead, Leonardo DRS**
EW Operational Maintenance

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

- 0800 – 0810 **Mr. Thomas Bluhm & Mr. David Wood, Symposium Co-Chairs**
- 0810 – 0820 **Captain Jason G. Kranz, Chief Staff Officer, NAVBASE Ventura County**
- 0820 – 0850 **Air Commodore Peter Robinson, Commander Air Combat Group, Royal Australian Air Force**
Keynote Address Australia

- 0850 – 0920 **Ms. Christina Ward, Naval Air Warfare Center Weapons Division (NAWCWD)**
Mr. Brandall Horney, Naval Air Warfare Center Weapons Division (NAWCWD)
Intel Brief Update
- 0920 – 0950 **Mr. Brandt Lomen, Lead EW Engineer, MITRE Corp**
Chaos Jamming in Practice
- 0950 – 1020 BREAK**
- 1020 – 1030 **Mr. Harlan Kooima, Director R&D, Naval Air Warfare Center Weapons Division (NAWCWD)**
- 1030 – 1115 **Air Commodore Peter Robinson, Commander Air Combat Group, Royal Australian Air Force**
Air Cdre Blythe Crawford, Commandant of the Air and Space Warfare Centre, Royal Air Force
RDML Keith Hash, Commander, Naval Air Warfare Center Weapons Division (NAWCWD)
International Panel Discussion
- 1115 – 1120 **RDML Keith Hash, Commander, Naval Air Warfare Center Weapons Division (NAWCWD)**
Special Recognition
- 1120 – 1230 LUNCH**
- 1230 – 1300 **Dr. Tyler Hobson, Defence Science and Technology Group**
Very Low SWAP RF EW Technologies
- 1300 – 1330 **Dr. Tyler Hobson, Defence Science and Technology Group**
Expanding the Passive Radar Horizon
- 1330 – 1400 **Dr. Don Gossink, Chief Scientist, Consunet**
A Modern Approach to Coalition Electromagnetic Spectrum Operations, Manoeuvre and Dominance - DUST
- 1400 – 1430 **Lieutenant Colonel George Prentice, SO1 Land Electronic Warfare | Army Headquarters, Australian Army**
Generating Asymmetric Advantage at the Tactical Edge
- 1430 – 1500 **Mr. Tom Millhouse, Raytheon, Australia**
Coalition EW in War at Sea
- 1500 – 1600 **For those not attending the tours: Government Displays in Tent/Visit with Industry**
- 1500 – 1700 **Tours at NAWCWD**

Thursday, March 13th | SECRET Rel US, Australia and United Kingdom (AUKUS) Sessions

- 0800 – 0805 **Mr. Thomas Bluhm & Mr. David Wood, Symposium Co-Chairs**
- 0805 – 0835 **Air Commodore Patrick Shea-Simonds, Head Capability Strategy, Royal Air Force**
Keynote Address - Driving Enterprise Collaboration
- 0835 – 0900 **Mr. Mark Threadgold, Chief Electronic Warfare, Threat Detection and Countermeasures Group, Defence Science and Technology Laboratory (DSTL)**
Mission-Level Survivability - S&T Underpinning an Agile Approach
- 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 **CAPT David “Yub Nub” Halpern, Commander, Naval Test Wing Pacific**
Keynote Address
- 1030 – 1100 **CAPT David “Yub Nub” Halpern, Commander, Naval Test Wing Pacific**
Rapid Response: Meeting the Demand of a Changing EMOE
- 1100 – 1130 **Mr. Ben Whitham, Penten/Amiosec**
Dr. Nathan Johnson, Penten/Amiosec and Association of Old Crows Australian Chapter President
AI Counter EW Update from Two AUKUS Pillar 2 EW Challenge Winners
- 1130 – Noon **Mr. Edwin Medina, Strategic Capabilities Manager, Thales Defense & Security**
EW&C Designed for Modern Conflict EW Standardization
- Noon – 1315 LUNCH**
- 1315 – 1345 **Mr. Martyn Jones, ACURL Program Manager, Combat Data Systems, F-35 Lightning II Joint Program**
Lessons Learned from Establishing an Australian & UK Fifth-Generation Mission Data Reprogramming Capability
- 1345 – 1415 **Mr. Paul DeLia, Advanced Technology Director, L3Harris Airborne Combat Systems**

DiSCO - Distributed Spectrum Collaboration and Operations

1415 – 1445

Dr. John S. Gibson, Integrated Threat Warning Laboratory (ITWL) AFRL/RYYW
SSgt Cam Maddox, USAF, NCOIC, LASINT Systems Development
Flying Blind Against DEW

1445 – 1500

BREAK

1500 – 1530

Mr. David Enchelmaier, Future Solutions Architect, L3Harris
Synthetic Test & Evaluation Environments and Near-Peer Conflict

1530 – 1600

Ms. Michelle Chheung, ARSENL Team Lead, NAVAIR/EWDS
A Breakthrough in Emitter Signal Classification: ARSENL

1600 – 1630

Mr. Jake Poston, EW S&T Computer Scientist, Naval Air Warfare Center Weapons Division (NAWCWD)
Collaborative Multi-Platform Resource Planning and Execution Demonstration

1630 – 1700

Symposium Wrap-Up: Mr. Thomas Bluhm & Mr. David Wood, Symposium Co-Chairs