



Collaborative EW Symposium

March 11-13, 2025 | Point Mugu, CA

Draft as of February 20, 2025

Tuesday March 11th | SECRET US Only Sessions

Welcome and Introductions

- 0800 – 0810 **Mr. Thomas Bluhm, Symposium Co-Chair**
Mr. David Wood, Symposium Co-Chair
- 0810 – 0820 **Mr. Gerardo Garcia, SSTM, Spectrum Warfare Department Director, Naval Air Warfare Center Weapons Division (NAWCWD)**
- 0820 – 0850 **RDML Keith Hash, Commander, Naval Air Warfare Center Weapons Division (NAWCWD)**
- 0850 – 0900 **Ms. Amanda Brockermeyer, Association of Old Crows**
AOC International Update
- 0900 – 0930 **Ms. Christina Ward, Naval Air Warfare Center Weapons Division (NAWCWD)**
Mr. Thomas O'Connor, Naval Air Warfare Center Weapons Division (NAWCWD)
Intel Brief Update

0930 – 1000 BREAK

Session 1

- 1000 – 1030 **Mr. Shawn Higgins, Naval Air Warfare Center Weapons Division (NAWCWD)**
Opening Switch Evaluations and MegaWatt Applications
- 1030 – 1100 **Mr. Harrison Schmiedel, Naval Air Warfare Center Weapons Division (NAWCWD)**
The Feasibility of HPM in the Endgame
- 1100 – 1130 **Mr. Lyle Lair, Naval Air Warfare Center Weapons Division (NAWCWD)**
Implementing a strong deterrence strategy through EW deployment

1130 – 1300 LUNCH

Session 2

- 1300 – 1330 **Ms. Lynne Clarke, SSTM, EW Techniques and Countermeasures, Naval Air Warfare Center Weapons Division (NAWCWD)**
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. Keith Boyer Jr., EMS Threat Analyst, Joint Center for Electromagnetic Readiness (JCER)**
Adversary EMS TT
- 1430 – 1500 **Mr. Michael Garcia, AEA Advanced System Lead Engineer, Naval Air Warfare Center Weapons Division (NAWCWD)**
Intelligent ES Multi-plat Radar Classifier

1500 – 1530 **BREAK**

Session 3

- 1530 – 1600 **Mr. Scot Napoletano, AEA Misson Planning Tech Lead, Naval Air Warfare Center Weapons Division (NAWCWD)**
ADAPTIVE Mission Planning utilizing Tactical EMS Data
- 1600 – 1630 **Dr. Abir Ray, CEO/CTO, Expression Networks, LLC**
Data Integration Framework for Coalition EW Operations

1630 – 1700 **Mr. Dan Wetzel, Technology Fellow, Sierra Nevada Corp**
Combining High Probability of Intercept and Precision Direction Finding in an Integrated Processor Assembly

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

0800 – 0805 **Mr. Thomas Bluhm, Symposium Co-Chair**
Mr. David Wood, Symposium Co-Chair

0805 – 0815 **Captain Jason G. Kranz, Chief Staff Officer, NAVBASE Ventura County**
Welcome

0815 – 0825 **Mr. Harlan Kooima, Director R&D, Naval Air Warfare Center Weapons Division (NAWCWD)**
Welcome

0825 – 0830 **RDML Keith Hash, Commander, Naval Air Warfare Center Weapons Division (NAWCWD)**
Special Recognition

0830 – 0900 **Air Commodore Peter Robinson, Commander Air Combat Group, Royal Australian Air Force**
Keynote Address Australia

0900 – 0930 **Ms. Christina Ward, Naval Air Warfare Center Weapons Division (NAWCWD)**
Mr. Thomas O'Connor, Naval Air Warfare Center Weapons Division (NAWCWD)
Intel Brief Update

0930 – 1000 BREAK

Session 4

1000 – 1030 **Mr. Brandt Lomen, Lead EW Engineer, MITRE Corp**
Chaos Jamming In Practice

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 – 1230 LUNCH

Session 5

1230 – 1300 **Dr. Kim Brown, Group Leader RF Sensing and Shaping, Defence Science and Technology Group**
Very Low SWAP RF EW Technologies

1300 – 1330 **Mr. Robert Young, Radar Systems Engineer, Sensors and Effectors Division Defence Science and Technology Group, Australia**
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 **Dr. Andrew Lucas, Agent Oriented Software, Melbourne, Australia**
Coalition EW in War at Sea

1500 – 1700 Tours at NAWCWD

For those not attending the tours:

1500 – 1600 Government Displays in Tent/Visit with Industry

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

0800 – 0805 **Mr. Thomas Bluhm, Symposium Chairman**
Mr. David Wood, Symposium Co-Chair

0805 – 0835 **Air Commodore Patrick Shea-Simonds, Head Capability Strategy, Royal Air Force**
Keynote Address - Driving Enterprise Collaboration

0835 – 0900 **Mr. Mark Elson, Chief Air Platform Survivability and Air Survivability Theme Lead, 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. Thomas O'Connor, Naval Air Warfare Center Weapons Division (NAWCWD)
Intel Brief Update

0930 – 1000

BREAK

Session 6

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

Session 7

1315 – 1345

Mr. Martyn Jones MSc MAPM, ACURL Program Manager (UK CPP), Combat Data Systems, F-35 Lightning II Joint Program Office
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/RWW
SSgt Cam Maddox, USAF, NCOIC, LASINT Systems Development
Flying Blind Against DEW

1445 – 1500

BREAK

Session 8

1500 – 1530

Mr. David Enchelmaier, Future Solutions Architect, L3Harris
Synthetic TnEnvironments

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