



# **JOIN US FOR “MILITARY DAYS!”**

**EMC+SIPI 2017 would like to give gratitude  
to the DoD EMC personnel that support the  
US Military by offering  
MILITARY DAYS,  
a two-day event focused on Military EMC.**

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# MONDAY: Military EMC Tutorial

The tutorial will focus on new updates to primary US military standards, and selected specialized military topics including; frequency spectrum management, Electromagnetic Pulse (EMP) and Military E3 test and measurement.

## PLANNED SPEAKERS AND TOPICS

### SEGMENT 1: Military Standards, DoD Directive and Instructions

#### MIL-STD-461 Revision G

Joseph Deboy, AFLCMC/EZAC, Wright Patterson Air Force Base, USA

#### Status of Activities Regarding MIL-STD-464D

Joseph Deboy, AFLCMC/EZAC, Wright Patterson Air Force Base, USA

#### DoD E3 Directives and Instructions

Brian Farmer, EMC Management Concepts, Annapolis, Maryland, USA

### SEGMENT 2: Spectrum Engineering

#### Shared Spectrum Access for Radar & Communication (SSPARC)

Barry Fell, Defense Advanced Research Projects Agency (DARPA) Strategic Technology Office (STO), Arlington, VA, USA

#### DoN Innovations in Spectrum Supportability

Thomas P. Kidd III, Director Department of the Navy Strategic Spectrum Policy, Washington DC, USA

#### Challenges & Opportunities in DoD Spectrum Usage

James Champion, DoD CIO Spectrum Policy and Programs Directive, Washington, DC, USA

### SEGMENT 3: EMP/HEMP

#### Power Distribution Center Inherent EMP Protection

Mike Rooney, Defense Threat Reduction Agency (DTRA), J9NT, Fort Belvoir, VA, USA

#### Overview of Air/Ships Standards 3023/4023 EMP Protection

Walter Scott, Engility Corporation, DTRA A&AS, Chantilly, VA, USA

#### EMP Test Results on the USS Mohegan

Sheryl G. Martin, B53 NSWC Dahlgren, Dahlgren, VA, USA

### SEGMENT 4: Test and Measurement

#### Technical Changes for E3 Facilities to Meet New Requirements for MIL-STD-464 & MIL-STD-3023

Alan Mazuc, NAVAIR, Pax River, MD, USA

#### Standardization of Ordnance Testing

Mark Waller, US Army RTC, Huntsville, AL, USA

#### Platform Level EMC Testing, Procedures & Standards

Jeff Craven, US Army RTC, Huntsville, AL, USA

#### Lightning (CS117) and ESD (CS118)

Fred Heather, NAVAIR JSF E3, Pax River, MD, USA

# TUESDAY: Military EMC Panel Discussion

## TOPIC: Tailoring of MIL-STD-461/464 EMC Requirements for New Acquisitions

To ensure the reliable operation of DoD systems in a diverse and quite often, hostile electromagnetic environments, MIL-STD-461 and MIL-STD-464 requirements are usually levied upon DoD programs. These standards cover a wide array of electronic equipment and systems from the smallest hand-held radios to gigantic aircraft carriers. Because of this extensive range of applications, the EMI requirements in these standards typically need to be tailored for the specific application. These concerns along with others will be the focus of the panel discussion.

## PANELISTS AND THEIR AFFILIATION

Kurt Mikoleit - NAVSEA E3 Technical Warrant Holder

Jeff Craven - Army RTC

Fred Heather - NAVAIR JSF E3

Mark Malory - NAVAIR

Joseph Deboy - AFLCMC/EZAC, Wright Patterson AFB