



EOD / IED & COUNTERMINE SYMPOSIUM

OFFICIAL AGENDA



NOVEMBER 6-7, 2024 | NATIONAL HARBOR, MD

SYMPOSIUM OVERVIEW

Program Design and Goal:

The 11th Annual EOD/IED & Countermines Symposium will bring together experts, innovators, and policymakers to address critical challenges in explosive ordnance disposal, improvised explosive devices, and countermines operations. The 2024 Symposium will highlight cutting-edge research, technological innovations, domestic and international cooperation and counter-IED missions, and best practices in mitigating the threats posed by explosive hazards.

Amid an era of strategic competition, DoD, Federal Government, and the Military Services are striving to prepare for next-generation explosive threats it could face in future conflicts against more advanced adversaries. Leading experts and innovators at the event will discuss unmanned IED strategies, coordination of national and intergovernmental C-IED efforts, critical information/intelligence sharing, international partnerships, and innovative research and technology to support global IED defeat. Attendees at the 2024 EOD/IED & Countermines Symposium will gain valuable insights into the evolving nature of IED threats, advancements in EOD technology, significance of a whole-of-government approach, and best practices for training personnel to effectively identify, mitigate, and neutralize explosive devices.

DSI's team specializes in the extensive research and development of our Symposium's content and focus areas, and we will assemble the most respected minds in EOD/IED community as well as key policy makers across military and civilian offices. Our non-partisan approach allows us to reach across all services and organizations to bring together a truly holistic group of decision makers and solution providers.

Operating Guidelines:

DSI's Symposium directly supports DoD priorities by providing a conduit for officials to efficiently reach audiences outside of their respective offices that directly impact their department's mission success, at no charge to the government, and in an efficient expenditure of time.

DSI's Symposium will provide a forum to address and improve internal and external initiatives, meet with and hear from partner organizations, disseminate vital capability requirements to industry, increase visibility within the larger community, and generally support their mission.

The Symposium is open and complimentary to all DoD and Federal employees and is considered an educational training forum, a widely attended gathering.

(Industry and academia members are charged a fee for admission)

Symposium is CLOSED TO PRESS / NO RECORDINGS

SYMPOSIUM OVERVIEW

General Target Audience

International C-IED SME, Munitions/UXO PM, Bomb Technician/Tactical Officer, Counter Terrorism Policy Advisor, DirOps, EOD Tech, EOD Intel Branch Head, Managing Director, Lead Explosive Operator, Offsite Training Lead, C-IED Analyst, Explosives Specialist, Senior Business Development Manager, Director-Ground and Counter Threat Systems, Vice President of Munitions and Environmental, CWMD Market Manager, CBRNE Detection Systems Portfolio Lead, VP- Strategic Development, VP- Sales Vertical, Logistics Division Director, Engineer, Consultant, CEO, CTO, Associate Research Engineer

Specific Topics to be Discussed

- Sustaining Navy expeditionary combat forces to support maritime objectives
- Effectively countering explosive threats amid an evolving era of expeditionary warfare
- Building Army strategic readiness & sustaining land dominance through EOD
- Deploying & conducting operations to counter CBRNE & WMD threats
- Building nationwide C-IED capabilities & mitigating risk to critical infrastructure
- Enabling joint warfighter success through innovative lethal & protective capabilities
- Supporting the Navy through ordnance, energetics & EOD solutions
- Adapting EOD/IED tactics & training to enhance preparedness
- Coordinating with the international C-IED community to combat complex threats

VENUE:

151 St George

151 St George Blvd, Oxon Hill, MD 20745



SYMPOSIUM OVERVIEW

2024 Confirmed Speakers Include:



Brig Gen Brian S. Hartless, USAF

*Director of Civil Engineers,
U.S. Air Force Deputy Chief of
Staff for Logistics, Engineering,
& Force Protection*



COL Vince Morris, USA

*PM, Close Combat Systems,
U.S. Army Joint Program
Executive Office Armaments &
Ammunition (JPEO A&A)*



COL Bradley Waite, USA

*Director, Proponent Office for
EOD, TRADOC*



COL Stephen L. Kavanaugh, USA

*Division Chief, HQDA G38,
Adaptive C-IED/EOD Solutions
(ACES)*



COL Brett A. Carey

*Senior Military Advisor, OSD
Policy (HDI & DCSA)*



CAPT Cameron Chen, USN

*Expeditionary Combat Branch
Head (OPNAV N957), Office of
the Chief of Naval Operations*



CAPT Gareth J. Healy, USN

*Deputy Director for Military
Personnel Plans & Policy
(OPNAV N13B), Chief of Naval
Personnel*



Jerry Guilbert

*Chief of Programs, Office of
Weapon Removal &
Abatement, Department of
State*



John Wester

*Deputy Director, Terrorist
Explosive Device Analytical
Center, FBI*



Dr. Edwin Bundy

*Program Manager, Explosive
Ordnance Disposal and
Explosive Operations, Irregular
Warfare Technical Support
Directorate*



Dr. Van Romero

*Director, Energetic Materials
Research & Testing Center,
New Mexico Tech*



LTC Jon Vaughan, USA

*Commander, 242D Ordnance
Battalion*

SYMPOSIUM SCHEDULE

DAY 1: WEDNESDAY, NOVEMBER 6

8:00—8:45 AM	<i>Registration and Light Breakfast Reception Open</i>
8:45—9:00 AM	Event Moderator COL Leo Bradley, USA (Ret.) (Confirmed) Owner LE Bradley Consulting, LLC
9:00—9:40 AM	Effectively Countering Explosive Threats amid an Evolving Era of Expeditionary Warfare <ul style="list-style-type: none">• Overseeing the development and integration of EOD and counter-IED capabilities into the Navy's expeditionary forces• Expanding the role of unmanned underwater vehicles in EOD operations• Delivering mine countermeasures to safeguard the Fleet and enable enhanced detection capability CDR Kevin Schrodt, USN (Confirmed) Navy Expeditionary Combat Requirements Officer (OPNAV N957) Office of the Chief of Naval Operations
9:40—10:20 AM	Sustaining Navy Expeditionary Combat Forces to Support Maritime Objectives <ul style="list-style-type: none">• Leading the training and organization of NECF to assure access, provide unimpeded movement, and protect against asymmetric threats• Guiding the modernization of equipment to account for new threats and challenges• Enabling the Naval fleet by providing maritime security operations, EOD, etc CAPT Gareth J. Healy, USN (Confirmed) Deputy Director for Military Personnel Plans & Policy (OPNAV N13B) Chief of Naval Personnel
10:20—10:30 AM	Tech in Ten: AIVOT-Intelligence & Flexible Robots Shashwat Sritvastav, CEO & Founder, AIVOT (Confirmed)
10:30—11:10 AM	Networking Break & Exhibits

SYMPOSIUM SCHEDULE

DAY 1: WEDNESDAY, NOVEMBER 6

11:10—11:50 AM

Building Army Strategic Readiness & Sustaining Land Dominance through EOD

- EOD Operations enabling the Total Force from Homeland Defense to Large Scale Combat Operations (LSCO)
- Force modernization in light of denied, degraded, and contested environments
- Leveraging emerging technologies and adapting training to meet the requirements of the future fight

COL Bradley S. Waite, USA (Confirmed)

Director, Proponent Office for EOD
TRADOC

11:50 AM —12:30 PM

Army's Role in Conducting Explosive Mitigation Missions to Support Global Military Operations & Domestic Authorities

- Supporting military and civil authorities by detecting, neutralizing, and disposing of explosive threats
- Providing extensive training in advanced disposal techniques and use of specialized equipment and techniques for explosive ordnance disposal
- Ensuring the safety of military personnel, civilians, and infrastructure

LTC Jon Vaughan, USA (Confirmed)

Commander
242D Ordnance Battalion

MAJ Bryan Smith USA (Confirmed)

Deputy Commanding Officer
52D Ordnance Group (EOD)

12:30—1:30 PM

Networking Lunch

1:30—2:10 PM

Maintaining Air Force Readiness, Effectiveness, & Safety to Address Explosive Threats

- Integrating EOD capabilities into force protection efforts to ensure the security and protection of Air Force bases, facilities, and personnel
- Developing, implementing, and overseeing policies and procedures to ensure EOD Airmen are safely conducting operations
- Ensuring preparedness and readiness for future operations in dynamic environments

Brig Gen Brian S. Hartless, USAF (Confirmed)

Director of Civil Engineers

U.S. Air Force Deputy Chief of Staff for Logistics,
Engineering, & Force Protection

SYMPOSIUM SCHEDULE

DAY 1: WEDNESDAY, NOVEMBER 6

2:10—2:50 PM

Reducing Global Threats & Harmful Effects of Conventional Weapons of War

- Enhancing regional security by securing and destroying excess small arms, light weapons, and ammunition
- Improving civilian safety, security, and stability through the small arms and light weapons threat reduction programs and humanitarian mine action assistance programming
- Broadening international and interagency cooperation for CWD efforts

Jerry Guilbert (Confirmed)

Chief of Programs, Office of Weapons Removal & Abatement
Department of State

2:50—3:30 PM

Networking Break & Exhibits

3:30—4:10 PM

Harnessing a Whole-of-Government Approach to Counter the IED Threat

- Providing investigative, analytical, and intelligence support to prevent criminal and terrorist IED incidents
- Supporting military, law enforcement, intelligence, and international partners by providing critical technical expertise and intelligence analysis
- Interdicting networks utilizing unmanned aircraft systems and unmanned systems

John Wester (Confirmed)

Deputy Director, Terrorist Explosive Device Analytical Center
FBI

4:10—4:30PM

Explosive Hazards & Improvised Threats Education Continuum

Maj Caleb Miller, USMC (Confirmed)

Explosive Hazards/Improvised Threat Branch Head
Marine Corps Engineer School

4:30—5:30PM

Networking Reception

5:30 PM

End of Day One

SYMPOSIUM SCHEDULE

DAY 2: THURSDAY, NOVEMBER 7

8:15—8:45 AM	<i>Registration and Light Breakfast Reception Open</i>
8:45—9:00 AM	Event Moderator COL Leo Bradley, USA (Ret.) (Confirmed) Owner LE Bradley Consulting, LLC
9:00—9:40 AM	Enabling Joint Warfighter Success through Innovative Lethal & Protective Capabilities <ul style="list-style-type: none">• Guiding strategic investment in innovative technologies with application to armaments• Leveraging emerging technologies such as robotics to provide enhanced situational awareness and capability• Working with industry partners to progress PM CCS modernization priorities and provide critical EOD tools and equipment COL Vince Morris, USA (Confirmed) PM, Close Combat Systems U.S. Army Joint Program Executive Office Armaments & Ammunition (JPEO A&A)
9:40—10:20 AM	HQDA Perspective: International /Multinational Interoperability & Standardization COL Stephen L. Kavanaugh, USA (Confirmed) Division Chief HQDA G38, Adaptive C-IED/EOD Solutions (ACES)
10:20—11:00 AM	Networking and Exhibits

SYMPOSIUM SCHEDULE

DAY 2: THURSDAY, NOVEMBER 7

11:00 AM—12:00 PM **Panel Discussion: Strengthening Homeland Defense Against Explosive Threats: Strategies, Technologies, & Collaboration**

The IED and foreign ordnance threat is vast and increasing and presents a significant risk to homeland security. Effective homeland defense requires a comprehensive and proportionate approach that integrates cutting-edge technologies, coordinated response efforts, and information sharing. This panel will bring together experts and stakeholders to explore effective strategies and innovations in combating IEDs within the homeland. The discussion will focus on the latest advancements in detection and neutralization technologies, the integration of intelligence and surveillance capabilities, and the importance of interagency and community collaboration and engagement. Panelists will share insights on current and emerging challenges, collaborative efforts, and case studies for effective IED incident response, defense, and mitigation.

Moderator:

William Bagley (Confirmed)

Associate Research Engineer— Explosives
Johns Hopkins University

Panelists:

COL Brett A. Carey (Confirmed)

Senior Military Advisor
OSD Policy (HDI & DCSA)

Dr. Van Romero (Confirmed)

Director, Energetic Materials Research & Testing Center
New Mexico Tech

12:00—1:00 PM **Networking Lunch**

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SYMPOSIUM SCHEDULE

DAY 2: THURSDAY, NOVEMBER 7

1:00—1:40 PM

Providing Advanced Technology Solutions for EOD Operations

- Developing autonomous robotics systems, platforms, tools, and software to enhance effectiveness and safety in explosive operations
- Bolstering operational planning, information sharing, and collaboration with partners to increase the speed of information gathering and response for explosives and CIED operations
- Utilizing emerging capabilities like AI and ML to assist with explosives operations and IED mitigation

Dr. Edwin Bundy (Confirmed)

Program Manager, Explosive Ordnance Disposal and Explosive Operations
Irregular Warfare Technical Support Directorate

1:40—2:20 PM

UNMAS Vision: Supporting Global Efforts to Mitigate the Threats Posed by Explosive Ordnance

- Coordinating and implementing projects and programs to mitigate explosive ordnance threats
- Supporting global humanitarian response and sustainable development operations
- Collaborating with international partners on mine mitigation, awareness, and assistance

Raymond Kemei (Confirmed)

Team Leader, Threat Mitigation Advisory Team
United Nations Mine Action Service (UNMAS)

2:20 PM

End of Symposium