



Warfighter Seminars In-Brief

May 2, 2023, 12:00 p.m.



2023 JOINT ENGINEER TRAINING
CONFERENCE & EXPO



samejetc.org  @SAMENational  @SAME_National | #SAMEJETC23  "Society of American Military Engineers"

2023 Warfighter Seminars

Sponsor: Joint Engineer Contingency Operations (JECO) Community of Interest (Col)

JECO Col Leadership:

- **Chair:** Jim Romasz, Louis Berger Services, a WSP Company
- **Vice Chair:** Col. Matt Beverly, USAF, PACAF Civil Engineer Consultant
- **Incoming Chair:** Lt. Col. Rick Sloop, P.E., USAF (Ret.), Fluor Mission
- **Immediate Past Chair:** Col. William Haight III, P.E., F.SAME, USA (Ret.), WSP
- **Joint Engineer Doctrine and Policy:** Rear Adm. Chuck Kubic, CEC, USN (Ret), Kubic Engineer Group
- **US Army Engineer School:** Lt. Col. Edward Lefler, P.E., PMP, F.SAME, USA (Ret.), Director & Program Manager, Joint Engineering Education Programs
- **JOEB Liaison:** CDR Patrick Jors, CEC, USN, Engineer Capability Analyst, J4, Joint Staff

JECO/Warfighter Seminars' Purpose: Facilitate discussion between the US Government Engineer Community and Industry to collaboratively identify and develop solutions on current joint engineer operations and the issues that need to be addressed for future joint engineer operations.



2023 Warfighter Seminar Topics and Objectives

Topics:

- **Seminar #1:** Adaptability of Multiple Award Contingency Contracts to Current Global Threats
- **Seminar #2:** Mission Recovery from a Cyber Physical System (CPS) Attack to a Domestic National Security Asset

Topic Selection

- Nominated by Combatant Command Engineers, Service Engineers and/or Industry
- Focused on present and future CONUS and OCONUS Joint Engineer Issues
- Validated by the Joint Staff as relevant

Objectives:

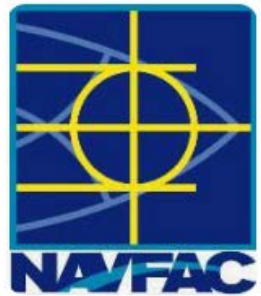
- Frame/refine topics
- Industry-Government Engagement (IGE)
- Identify and recommend possible solutions
- Identify mechanisms/groups that can enact recommended solutions
- Post-JETC Brief to JS J4 Engineers for possible inclusion into JOEB Annual Work Plan, Joint Logistics Estimate, Joint Assessments and/or other mechanisms



Warfighter Seminar #1 - Participating Organizations



**US Army Corps
of Engineers®**



2023 JOINT ENGINEER TRAINING
CONFERENCE & EXPO



samejetc.org @SAMENational @SAME_National | #SAMEJTC23 "Society of American Military Engineers"

Warfighter Seminar #2 - Participating Organizations



Booz | Allen | Hamilton®



2023 JOINT ENGINEER TRAINING CONFERENCE & EXPO



samejetc.org | Facebook @SAMENational | Twitter @SAME_National | #SAMEJETC23 | LinkedIn "Society of American Military Engineers"

2023 Warfighter Seminars Flow

Day 1, Tuesday, May 2, 2023

12:00 pm - 2:30 pm - **Combined Group In-Brief** (introductions, description of seminars, objectives, desired outcomes, and Senior Leader Guidance)

– Open to all JETC Participants to observe, ask questions, etc.

3:00 pm - 5:00 pm - **Seminar #1: Adaptability of Multiple Award Contingency Contracts to Current Global Threats** (**Hemisphere Ballroom, the room you are in right now**)

– Open to all JETC Participants to observe, ask questions, etc.

4:00 pm - 5:00 pm - **Seminar #2: Mission Recovery from a Cyber Physical System (CPS) Attack to a Domestic National Security Asset** (**Room 005, River Level, Under the Lila Cockrell Theatre**)

– Open to all JETC Participants to observe, ask questions, etc.



2023 Warfighter Seminars Flow

Day 2, Wednesday, May 3, 2023

10:30 am - 12:30 pm - **Seminar #1: Adaptability of Multiple Award Contingency Contracts to Current Global Threats** (**Hemisphere Ballroom, the room you are in now**)

– Open to all JETC Participants to observe, ask questions, etc.

10:30 am - 12:30 pm - **Seminar #2: Mission Recovery from a Cyber Physical System (CPS) Attack to a Domestic National Security Asset** (**Room 005, River Level, Under the Lila Cockrell Theater**)

– Open to all JETC Participants to observe, ask questions, etc.

2:30 pm - 5:00 pm - **Combined Group Out-Brief** (findings, possible paths forward, and Senior Leader Comments)

– Open to all JETC Participants to observe, ask questions, etc.





Warfighter Seminar #1

Adaptability of Multiple Award Contingency Contracts
to Current Global Threats



2023 JOINT ENGINEER TRAINING
CONFERENCE & EXPO



samejetc.org  @SAMENational  @SAME_National | #SAMEJETC23  "Society of American Military Engineers"

Seminar #1: Adaptability of Multiple Award Contingency Contracts to Current Global Threats

Seminar Moderator: Rear Adm. Chuck Kubic, P.E., F.SAME, USN (Ret.), Kubic Engineer Group

Seminar Co-Leader: Col. Matthew Beverly, USAF, PACAF Civil Engineer Consultant

Seminar Co-Leader: Lt. Col. Rick Sloop, USAF (Ret.), Fluor Mission

Panelists

Government

Seth Cutler, P.E., OASD(EI&E)

Capt. Chris Coggins, CEC, USN, INDOPACOM J44

Lt. Col. Seth M. Lorimer, USAF, INDOPACOM J442

Capt. William F. Boudra, CEC, USN (Ret.), JPMO

Renee Comfort, GCCMAC/GSCMAC

Col Jody Jones Smith, US Army Corps of Engineers

Cdr Anant Patel, CEC, USN (Ret.), NAVFAC Southeast

James Garred, 772 ESS/PKD

Robert Mellerski, AFCEC/CXA

Dominic Sparacio, P.E., Deputy Director, Expeditionary Directorate, NAVFAC

Industry

Rich Balmonte, V2X

RADM Mike Shelton, USN (Ret.), Planate

Col. Mike Hass, USA (Ret.), IAP

Col. Robert Nicholson, USA (Ret.), KBR

David Bluestein, ECC



Seminar #1: Adaptability of Multiple Award Contingency Contracts to Current Global Threats

Description: Multiple Award Contingency Contracts, such as LOGCAP, AFCAP, GCSMAC and GCCMAC, have been in place for nearly three decades and have served as force multipliers during a wide range of global contingencies to include combat operations and natural disasters. Also, over the decades the USA has entered multiple “Treaties in Force” and Country Agreements with other nations which have direct impact on contract risk, cost, and schedule when urgent requirements arise.

Now and in the future, threats in INDOPACOM will likely stress these “workhorse contracts” and those dedicated “battlefield contractors” who must execute complex taskings for deliberate and contingency construction and logistics in numerous countries each with their own governing relationship with the USA.

Looking ahead, it is time to examine strengths and weaknesses of these critical contract vehicles and associated foreign nation agreements; and, to identify necessary structural and process adjustments to ensure speedy, effective, and cost-efficient response to evermore challenging combined military and civilian Engineer Operations in the remote and increasingly dangerous Western Pacific and elsewhere around the globe.



Seminar #1: Adaptability of Multiple Award Contingency Contracts to Current Global Threats

Learning Objectives:

- Understand the capabilities of the current Contingency Contracts and the Contractors who execute contingency Task Orders.
- Understand the types of Treaties in Force and Country Agreements and the basic protections they may or may not provide.
- Learn the contracting and financial requirements which regulate the award and administration of Contingency Contracts.
- Analyze the effectiveness of the current competitive contract/task order award process and its responsiveness to military operations.
- Discuss the need to adjust contingency contract terms and conditions to balance operational, security, logistics and host nation risks based upon a Hypothetical Scenario.
- Recommend how best to incorporate the requirements for “Contingency Contractors on the Battlefield” into formal OPLAN Annexes.



Seminar #1: Adaptability of Multiple Award Contingency Contracts to Current Global Threats

Scenario Situation, Mission, Execution, Admin & Logistics, Comm & Control

S: Adversary moves military vessels to support its fishing fleet poaching in waters of USA Ally.

M: Deploy a KTR/Troop Combined Contingency Construction Team (CCCT) to construct crosswind runways on nearby island within 60 days to sustain USA military presence and deter adversary aggression.

E: Assign Engineer Officer with KO/COR authority to Plan the Op & Command CCCT; Mob from Guam within 10 days of Task Order award; Achieve IOC in 40 days & complete in 60 days.

A&L: Insert Engineer Recon Team (ERT) with USN support prior to Task Order Award; Full Mob from Guam with support of one USN vessel; Osprey re-supply once interim LZ constructed; C-130 with additional Manpower/Equipment once IOC achieved; USN/USMC surface/air extraction once mission complete.

C&C: USN/USMC provides Comm & Security plus Geo-Spatial Assets; Engineer OpCon, KO, FM & Logistics support remote from Guam; Daily Ops Report by secure comms at 1800 Guam Time.



Senior Leader Guidance

Mr. Mike McAndrew, OSD

Major General Kimberly Colloton, USACE

Captain Joe Harder, NAVFAC

Major General Thomas Tickner, IMCOM

Colonel Aaron Altwies, USAF

Captain John Barresi, USCG

Rear Admiral Emil Wang, USPHS

Dr. Mike Brennan, VA

Mr. John Pitts, OBO, DoS





Warfighter Seminar #2

Mission Recovery from a Cyber Physical System (CPS)
Attack to a Domestic National Security Asset



2023 JOINT ENGINEER TRAINING
CONFERENCE & EXPO



samejetc.org  @SAMENational  @SAME_National | #SAMEJETC23  "Society of American Military Engineers"

Seminar #2: Mission Recovery from a Cyber Physical System (CPS) Attack to a Domestic National Security Asset

Seminar Moderator: Lucian Niemeyer, CEO Building Cyber Security

Seminar Co-Leader: Brian May, Senior Vice President - Air Force Market Lead, Michael Baker International

Seminar Co-Leader: Daryl Haegley, SL, GICSP, OCP Department of the Air Force Technical Director, DAF Control Systems Cyber Resiliency

Seminar Co-Leader: David A. Forbes, Principal, Booz | Allen | Hamilton

Panelists

Government

HQ NAVFAC

US Army Corps of Engineers

US SPACE COMMAND

US NORTHERN COMMAND

US INDOPACIFIC COMMAND

US CENTRAL COMMAND

NFEXWG

US STRATCOM

NSA

US CYBERCOM

Industry

Aleta Technologies

Chinook Systems

Claroty

HDR

Lutron

Nozomi Networks

1898

Salas O'Brien

TetraTech

RMC

PMC Group

VisioneerIT

Parsons



Seminar #2: Mission Recovery from a Cyber Physical System (CPS) Attack to a Domestic National Security Asset

Description: National Defense Strategies have noted that the homeland is no longer a sanctuary. America is a target, whether from terrorists seeking to attack our citizens; malicious cyber activity against personal, commercial, or government infrastructure; or political and information subversion. Increasing digital connectivity of all aspects of life, business, government, and military creates significant vulnerabilities. During conflict, attacks against our critical defense, government, and economic infrastructure must be anticipated.

Using a designed scenario specifically targeting a mission essential building system at a notional military asset to deny a national security mission, the panel will discuss the processes and protocols needed by military engineers to meet federal guidance to quickly identify, protect, detect, respond, and recover from a cyber-physical attack. The scenario will highlight the operational technology mapping requirements for national security critical assets required by Congress via Sec 1505 of the National Security Authorization Act for Fiscal Year 2022.

The discussion will focus on roles and responsibilities of building systems military, industry, and contractor stakeholders to mitigate the risk and impact of a cyber attack, spanning from building design through continuous facility operations. The seminar will review and/or develop tactics, techniques, and procedures to immediately respond to and recover essential mission functions. The scenario includes input from building system manufacturers, supply chain specialists, facility designers, facility operators, and cyber security experts, providing engineers unique insights and a comprehensive understanding of the risks.



Seminar #2: Mission Recovery from a Cyber Physical System (CPS) Attack to a Domestic National Security Asset

Learning Objectives:

- Review processes to identify critical systems and cyber vulnerabilities within a risk management framework;
- Identify proactive measures to protect critical systems and mitigate risk of a cyber physical attack;
- Present methods to detect and confirm the origin and method of a cyber attack and damage assessment;
- Develop checklists and protocols to quickly isolate, respond and communicate progress to the incident;
- Assess options, probabilities and timing for the recovery mission essential system; and
- Identify programs to share information within the National Security command structure on the incident



Senior Leader Guidance

Mr. Mike McAndrew, OSD

Major General Kimberly Colloton, USACE

Captain Joe Harder, NAVFAC

Major General Thomas Tickner, IMCOM

Colonel Aaron Altwies, USAF

Captain John Barresi, USCG

Rear Admiral Emil Wang, USPHS

Dr. Mike Brennan, VA

Mr. John Pitts, OBO, DoS



Q&A

- Jim Romasz, james.romasz@wsp.com



2023 Warfighter Seminars Flow

Day 1, Tuesday, May 2, 2023

12:00 pm - 2:30 pm - **Combined Group In-Brief** (introductions, description of seminars, objectives, desired outcomes, and Senior Leader Guidance)

– Open to all JETC Participants to observe, ask questions, etc.

3:00 pm - 5:00 pm - **Seminar #1: Adaptability of Multiple Award Contingency Contracts to Current Global Threats** (**Hemisphere Ballroom, the room you are in right now**)

– Open to all JETC Participants to observe, ask questions, etc.

4:00 pm - 5:00 pm - **Seminar #2: Mission Recovery from a Cyber Physical System (CPS) Attack to a Domestic National Security Asset** (**Room 005, River Level, Under the Lila Cockrell Theatre**)

– Open to all JETC Participants to observe, ask questions, etc.



2023 Warfighter Seminars Flow

Day 2, Wednesday, May 3, 2023

10:30 am - 12:30 pm - **Seminar #1: Adaptability of Multiple Award Contingency Contracts to Current Global Threats** (**Hemisphere Ballroom**)

– Open to all JETC Participants to observe, ask questions, etc.

10:30 am - 12:30 pm - **Seminar #2: Mission Recovery from a Cyber Physical System (CPS) Attack to a Domestic National Security Asset** (**Room 005, River Level, Under the Lila Cockrell Theater**)

– Open to all JETC Participants to observe, ask questions, etc.

2:30 pm - 5:00 pm - **Combined Group Out-Brief** (findings, possible paths forward, and Senior Leader Comments)

– Open to all JETC Participants to observe, ask questions, etc.

