Counter-IED RESPONSE
IN THE GWOT

“Technology Transition for the Current War”

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### Historical Context

<table>
<thead>
<tr>
<th>% Artillery &amp; Mortar</th>
<th>WIA:KIA</th>
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</thead>
<tbody>
<tr>
<td>Vietnam</td>
<td>36% KIA, 65% WIA</td>
</tr>
<tr>
<td>Korea</td>
<td>44% KIA</td>
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<tr>
<td>WWII</td>
<td>46% KIA</td>
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</tbody>
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**OIF/OEF**

- 52% Casualties from IEDS
- WIA:KIA 9:1

This presentation is Unclassified
DoD C-IED Overall Approach

Defeat the IED Network
“...prevent the emplacement of the IED by attacking enemy vulnerabilities at multiple point in the IED system.”

Defeat the IED Device
“...defeat the device once it is emplaced…”

Train the Force
“...facilitate the establishment and growth of Coalition and partner nation counter-IED capability.”

Common Operating Picture

This presentation is Unclassified
Tenets of IED Defeat

• Predict
• Prevent
• Detect
• Neutralize
• Mitigate
Categories of Actions in C-IED

- **Predict**: Activities that integrate intelligence to contribute to a clearer understanding of enemy personnel, equipment, infrastructure, Tactics/Techniques/Procedures, support mechanisms or other actions in order to forecast specific enemy IED-focused operations directed against US interests.

- **Prevent**: Actions that offensively target, interdict, and eliminate key enemy personnel, infrastructure, logistics capabilities, and enemy combat operations involving IEDs. Activities that destroy bomb-makers and their supporting networks, disrupt the IED chain of events prior to emplacement, and deter public support for the enemy’s use of IEDs.

- **Detect**: Activities to identify and locate enemy personnel, explosives devices and their component parts, equipment, logistics operations and infrastructure in order to provide accurate and timely information to military operations and planners.

- **Neutralize**: Activities to eliminate the hazards of enemy IEDs by destroying them or rendering them incapable of detonating at the time/place of the enemy’s choosing.

- **Mitigate**: Protect personnel, equipment, facilities and infrastructure from the effects of IEDs.
Required Characteristics

• Agility – adapt at a rate faster than the opponent
• Responsiveness – meet the situation that is not what we wish it to be
• Interoperability/Compatibility – provide solutions that don’t –
  - Worsen another situation
  - Create a new opportunity for the enemy
• Timeliness – get it there for today’s fight
"The JIEDDO shall focus (lead, advocate, coordinate) all Department of Defense actions in support of the Combatant Commanders and their respective Joint task Forces’ efforts to defeat Improvised Explosive devices as weapons of strategic influence."
“It is DoD policy that the DoD CREW technology program provide the most effective countermeasures against radio-controlled improvised explosive devices and improve the efficiency and economy of CREW capability development throughout the Department of Defense by eliminating duplication and overlap of effort.”
Contact Information

• Info package on how to prepare submissions to JIEDDO provided to NDIA EXW Conference staff.
  – For submissions & questions, eMail (<10 Mb) to: IEDTaskForce@jieddo.dod.mil
  – Submissions and questions can also be mailed to:
    Joint IED Defeat Organization
    Technical Review Group
    5000 Army Pentagon
    Washington DC 20310-5000

• For CREW: Contact CAPT Mark Kavanaugh, PMS-408, 202-781-2066; mark.kavanaugh@navy.mil

• When all else fails: CDR Roger Hardy, 202-781-4064 roger.d.hardy@navy.mil