



*“IEDs are not new. Unfortunately for the world, their use is growing.”*

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*Inside this issue:*

<a href="#">Current Events</a>	1
<a href="#">C-IED Technology</a>	2
<a href="#">MCoE C-IED</a>	2
<a href="#">C-IED Training</a>	3
<a href="#">C-IED Topics</a>	4
<a href="#">Team Contacts</a>	5
<a href="#">Links of Interest</a>	5
<a href="#">Blasts from the Past</a>	5

*Special Points  
Of  
Interest:*

[Copperhead System](#)

[C-IED Team Training  
Spotlight](#)

[C-IED @ Ft Benning](#)

[Tm Lead Comments](#)

- (CAC login/ Registration may be required for link access)
- Hot Topics, Technologies, and Global events are all collected from Open Sources.
- Readers should consult their FDO for permission to provide foreign release.

*Lt. Gen John D. Johnson, JIEDDO Director*

As the Islamic State (IS) continues to fight Iraqi security forces, they continue to utilize old tactics as well as new ones. The capturing of security force vehicles by extremists is nothing new, but in few occasions we see the enemy use them against the security force in the form of a vehicle-borne improvised explosive device. Security force elements also need to be aware of previous held positions by the enemy. In some cases, as IS moves or switches positions, they have planted improvised explosive devices along major routes or even in ordinary items like microphones used inside mosques.

As we train our Warfighters, it is paramount that each area or structure that is taken must be deliberately cleared to ensure that it is IED-free. Clearance operations can be time consuming, but the lives that are saved will be worth it. Placing IEDs into each of your training scenarios, practicing both action on prior to detonation and reacting to a blast will ensure the proper reaction each time. Mission rehearsals must be tough and should include the most casualty producing weapon on the battlefield.

The MCoE’s C-IED Team continues to provide quality support to all. Whether it’s live, virtual, mounted or dismounted training, we are providing each unit with relevant information and lifesaving training. Virtual Battle Space 3 will provide your unit with the opportunity to identify issues prior to conducting live training and missions in an IED-laden environment. Threat and IED Awareness briefings will refresh your Soldiers who have multiple deployments and educate newly assigned personnel. Counter Radio Controlled Improvised Explosive Device Electronic Warfare (CREW) training, Hand Held Detectors (HHDs) Training, and familiarization of the numerous other enablers will add to your unit’s preparation for upcoming training or deployments. The team can also help Units and Commanders identify effective training applications to help support C-IED learning during “white space” times or periods of budgetary restrictions.



Islamic State extremists have captured vehicles and weapon systems from Iraqi Security Forces that can be used against them.



This device was recovered in northern Iraq. Note the military grade ordinance and what appears to be bottles filled with fuel.



Cache of IEDs recovered in Iraq.

# Technology

Finding the IED prior to detonation saves lives and gives our Warfighters the opportunity to go after the individual or groups that conceive the devices.

The sensor system called Copperhead can give our Warfighters that tactical advantage on today's modern battlefield. Testing has been conducted in both Iraq and Afghanistan since 2009. The sensor mounted on an Unmanned Aerial Vehicle (UAV) takes photographs of the area of concern at different times. Once the missions are complete, a team can then analyze the pictures to detect changes in the environment. The system can see through smoke, dust, and weather which can limit other systems from giving our Warfighters the detailed information needed to traverse safely throughout the contemporary operating environment.

[\(Learn More\)](#)



Copperhead sensor mounted on a TigerShark UAV

## C-IED Training Spotlight

<p><b>SITUATION:</b> In response to evolving changes in the Contemporary Operational Environment, the MC oE C-IED Team is developing advanced training strategies and scenarios to meet the intent of Commanders.</p>	<div style="text-align: center;"> <span style="border: 1px solid black; padding: 2px;">VBS3 Training</span> <span style="border: 1px solid black; padding: 2px; font-weight: bold; font-size: 1.2em;">F 1/19<sup>th</sup> IN</span> <span style="border: 1px solid black; padding: 2px;">MRTC</span> </div>	
<p><b>WHO:</b> F 1/19<sup>th</sup> IN</p>	<div style="text-align: center; border: 1px solid black; padding: 2px;">Crawl Phase</div>	<div style="text-align: center; border: 1px solid black; padding: 2px;">Walk Phase</div>
<p><b>WHAT:</b> Virtual mission rehearsal: React to a Hoax, Ambush, IED Attack, and culminating with a live event.</p>	<div style="text-align: center; border: 1px solid black; padding: 2px;">Run Phase</div>	
<p><b>WHEN:</b> 21-23 October 2014</p>		
<p><b>WHERE:</b> Leyte Field and HSTL North.</p>		
<p><b>SUMMARY:</b> The Warriors were provided VBS3 familiarization training, conducted a virtual mission rehearsal in VBS3, and conducted their live mission exercise (Mounted React to Contact lane) at HSTL North.</p>		
<p><b>FUTURE:</b> The C-IED Team continues to improve training scenarios on and off the lane. Provides the most up-to-date information on IEDs and the global threat to the Warrior.</p>		

# Fort Benning

## MCoE C-IED Training ( A year in review )



Units who wish to augment their lane training can request a Global IED Threat Update. The following items are addressed inside one of these 2-3 hour sessions:

- Counter-IED Facts
- IED TTP sharing
- IED types and typical employment methods
- Mounted and Dismounted attack TTPs used in Afghanistan
- Atmospheric
- CREW concepts
- Introduction to Insider Threats
- Where to find additional C-IED training resources



- The MCoE C-IED Team works hand-in-hand with the Warrior University to share the Best Practices with the Warfighter. This portal is organized as a professional "home" for Infantry, Armor and Cavalry Soldiers, and leaders to facilitate and foster lifelong professional relationships. The mission of Warrior University is to synchronize and integrate all maneuver training so the right Soldiers receive the right training at the right time, regardless of their physical location.
- You will now find material related to the MCoE's C-IED Training Team, AtN, and DCT-MT.

Lane Training



Robotics Testing



Unit Support



Enablers for Training



## Topics of Interest from around the World



### Quick Links:

[RFMSS  
Homepage](#)

[Waterborne IEDs](#)

[DHS IED Fact  
Sheet](#)

[ROC-IED  
Training Link](#)

[MCoE CIED  
Smart Guide &  
Apps](#)

[Marine Corps  
Center for  
Lessons Learned](#)

[CREW Training](#)

[Attack the  
Network  
Homepage](#)

[West Point  
Negotiation  
Project](#)

### Links:

[NORTHCOM](#): [SOUTHCOM](#): [EUCOM](#): [AFRICOM](#): [PACOM](#)

The links provided above in no way denote any agenda or affiliation with the publisher of this newsletter. They are provided for the reader to see the possibilities the IED threat could achieve.

## C-IED Team Lead Comments

### Solid Foundations

The holidays are upon us again, and it gives American Soldiers back home a much needed time of rest and recovery. What leaders and trainers can take away from this “operational pause” is a chance to focus, identify and plan for the next year’s training.

All too often we forget, as trainers, that our target audiences have learning agendas of their own. For some, it is what they want to learn and for others, what they’re mandated to learn. In either case, the audience’s attention is somewhat diminished and takes away from the end result of subject retention.

As we’ve encountered here at Ft Benning, Soldiers who are exposed to the detailed material regarding IEDs and everything done to defeat them early in their development, tend to detract from the much desired retention of the material. For the best training possible, instructors should “know” their audience and apply instruction accordingly.

For new Soldiers or ones just returning from vacation, take it easy. Start simple, and try not to stretch the sessions out. Most, if not all, of your Soldiers will have received some degree of IED training. If they’ve been with the unit for awhile, then perhaps they’ve received some predeployment mandated training on the material. If they’re new and coming from BCT graduation, they’ve received the basics on the subject, but you’re dealing with a topic that’s delivered during the whole “fire hose” session of learning just to become a basic soldier. How much do you think they’ve retained?

Keeping this in mind will help you develop a better and more effective training session and experience. Leaders and trainers should make every attempt to encourage Soldiers to use the many online, distance learning, and downloadable apps to help strengthen the Soldier’s knowledge base on the material. This is an extremely effective solution for those Units faced with limited time and resources during a build up to deployment. As their knowledge of the material increases through time, repetition and experience, the more complex and detailed topics can become. (Example: Complexities of CREW use aren’t as beneficial to a BCT private, who still hasn’t learned basic tactical principles)

Let’s get a good start in 2015 and approach training in a logical fashion and help the Soldier get the most out of it.

The C-IED Team is on-call to support any requesting unit. To schedule training, contact Mr. Tom Dale at 706-545-6577, or Mr. Jerry Niggemann at 706-545-8823. [gerald.e.niggemann.civ@mail.mil](mailto:gerald.e.niggemann.civ@mail.mil).



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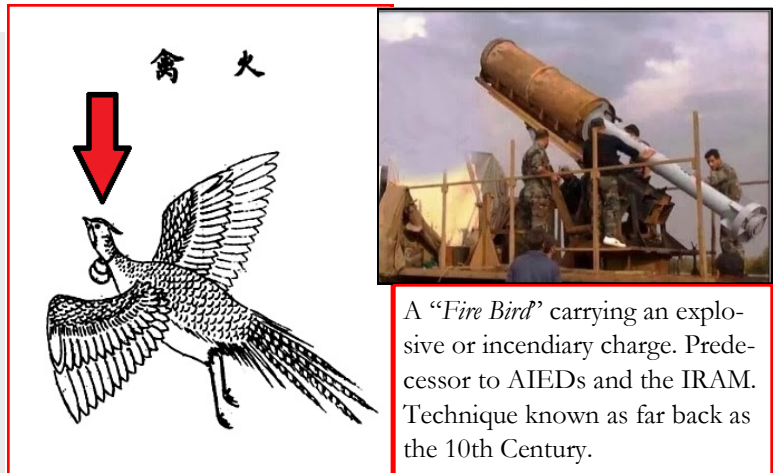
**Links of Interest**

- **Joint IED-Defeat Organization** @ <https://www.jieddo.mil>
- **JKnIFE C-IED Training site** @ <https://jknife.jieddo.mil>
- **Center for Army Lessons Learned** @ <https://call2.army.mil/>
- **Combined Arms Center** @ <https://ctd.army.mil/external12/BSTPs/ied-tsp/index.asp>
- **Directorate for Counter IED (DCIED)** @ <http://www.wood.army.mil/dcied>
- **Army C-IED Professional Forum** @ <https://www.us.army.mil/suite/collaboration/GetDocument.do?doid=17964848>

(Users should be aware of site maintenance down times)

A “Rolling Thunder Bomb-Fire Ox” carrying a large container of explosives-early gunpowder. Predecessor to SVIEDs minus a driver. Platform’s movement and direction was motivated by heat and a perceived path to relieve pain.

**“Blasts from the Past”**



A “Fire Bird” carrying an explosive or incendiary charge. Predecessor to AIEDs and the IRAM. Technique known as far back as the 10th Century.



Ref: *Science and Civilization in China, Volume 5: Chemistry and Chemical Technology, Part 7, Military Technology: The Gunpowder Epic*