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MCoE IED Defeat

Current Events

"The IED has proved to be a cheap, relatively easy-to-use tool against both civilians and advanced militaries," Singer said. "And so it will continue to be copied. The IED is not disappearing; rather it is proliferating." Peter W. Singer director of the Center for 21st Century Security and Intelligence.

In past and current conflicts the enemy has enhanced their arsenals with many different types of weapon systems and munitions. Of course the most deadly is the improvised explosive device. Whatever form of IED that is introduced into the fight, our Soldiers need to be ahead of our enemy. Education is the first step in bringing the fight against IEDs to a halt. Regardless of the capabilities of each enabler, unless you know how to employ each of them; they become dead weight.

The second step is repetition. Like firing a weapon system or conducting battle drills multiple times you will gain or retain proficiency. Regardless of budget constraints, availability of land or purchased training aids our proficiency can be maintained by our Soldiers, and they can still meet the intent or end state of each training event. By using or training with handheld detectors in your unit's common area, your Soldiers can gain or retain confidence with each system. By using resources like [RAPID](#), your unit can construct like devices that are being used against coalition forces in different theaters of operation. No matter where the current fight is or where the next fight could be, our Soldiers need to be well prepared.



Soldier operating a MINEHOUND

The Team continues to provide relevant, "No Cost" training support and instructional augmentation for classroom, live and virtual training events and sessions across Fort Benning. With our IED Awareness and Threat briefings, we ensure that our Soldiers receive the most up to date information from around the world. During practical exercises and field training support, we assist units in the basic C-IED fundamentals against different kinds of frequently used devices. We support numerous tactical exercises involving local training units from the 192nd, 194th, and 199th with emplacement of devices with indicators and simulators to add realism to each event. VBS2 remains an effective tool for the "crawl" and "walk" phases to help keep MCoE Soldiers focused on the ever changing conditions of the battlefield. With the availability of the Home Station Training Lane (HSTL) and the Combined Arms Training Facility (CACTF) terrain in VBS2, units can rehearse on the same terrain they will execute their training on. Any unit requesting live or virtual support must fill out a C-IED Team support training request form and they should be submitted to our Operations section at least two weeks prior to the training event.



Dismounted patrol in Afghanistan

Emerging C-IED Technology

Our Soldiers are our greatest asset and to protect them should be our first priority. Since the radio controlled improvised explosive device (RCIED) was first used against our Soldiers, a need arose for a system to help defeat them. With that,



Top view of the Baldr

the Counter Radio-controlled improvised explosive device Electronic Warfare systems or CREW was born. Many systems were designed for mounted operations with complications in the beginning. As the needs of the mission changed, so did the need for CREW systems to protect our Soldiers on the ground. Starting with Guardian and then to the THOR systems, our maneuver elements still had some gaps of coverage to fill while moving over and through complex terrain. Baldr is a man-portable system to be used in conjunction with the THOR III systems. It provides individual coverage and protection from RCIEDs. Baldr is lightweight and can be secured to the individual's body armor with straps provided with the systems. If your Soldiers are familiar with THOR operating procedures then they will be able to operate the Baldr system with very little issues.



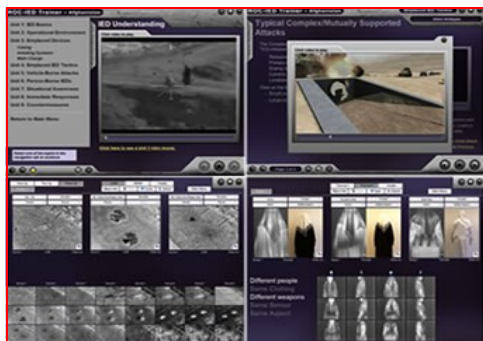
AN/PLQ-11 "Baldr"

Fort Benning C-IED Training

IED Awareness Sessions

This month the team provided C-IED Global threat sessions to students of both B 3/11 OCS and the Maneuver Senior Leaders Course. Both sessions addressed the topics of: IED Facts, How they share TTPs/Why they use them, Afghanistan trends, Components/Initiating systems, Key IED types (SBIEDs, LMC/NMC devices), HME, Principles of IED-D operations, Establishing a baseline, Markers/Ground signs, the CAGE formula, VPs/VAs, Confirmations, CREW concept and topics, Biometrics highlights, and Insider threats.

The more experienced Soldiers of the M-SLC also received discussion on additional training opportunities like the Recognition Of Combatants-IED (ROC-IED) program, and MCoE Initiatives like the Advanced Situational Awareness Training (ASAT) and the Dismounted C-IED Tactics- Master Trainer (DCT-MT) course.



ROC-IED Program
(Click photo to learn more)



ASAT
(Click photo to learn more)



DCT-MT
(More to follow in future)

Training Tip



Knowing what Right looks like. (*Before the Patrol -Pt 1*)

Much has been learned about how to conduct patrols, both mounted and dismounted in an environment facing an IED threat. The MCoE C-IED team in cooperation with the Dismounted C-IED Tactics Master Trainer Course and members of the Directorate of C-IED (DCIED) have developed a draft checklist for both mounted and dismounted patrol leaders to get them focused on the things they need to address both before and during their operation. We would like to hear from the community. Please submit it to Mr Dale, Mr Black, or Mr Repicky- POC information on last page of newsletter.

During the B 3/11 OCS's Global IED Threat Update, the following items were briefed:

- Counter-IED Facts
- IED activities in major combatant commands
- IED types and typical employment methods
- Mounted and Dismounted attack TTPs used in Afghanistan
- Atmosphericers
- 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.

Checks Prior to Patrol

1. The element leader conducts a detailed mission analysis for their Area of Operations (AO) to determine CIED enabler requirements.
 - a. Request intelligence data on the route and area of operations from the CoIST/S-2.
 - b. Perform a detailed map and imagery reconnaissance of the route/AO to identify vulnerable points and vulnerable areas, and areas with historical IED employment.
 - c. Review the most recent pattern analysis for explosive hazards and attack sites to determine the relevancy of named areas of interest (NAIs) and targeted areas of interest (TAIs) to include vulnerable points and vulnerable areas.
 - I. Identifies locations for placement of Crew Served Weapons, SKTs, Snipers, Optical platforms mounted and dismounted (ex: LRAS3, BETSS-C, RAID), to support maneuver in and around VP/VAs. (*Remember to clear SBF positions before occupation*)
 - II. Identifies likely TRPs to support maneuver in and around VP/VAs while limiting possible CIVCAS.
 - III. Identify any host nation partnering or expected civilian interaction to develop appropriate "Green on Blue" prevention measures. (Ex: Guardian Angels)
 - d. Request an overflight by available air assets to provide daily intelligence updates.
 - e. Execute a detailed threat assessment taking into account the enemy intent, enemy capabilities, weather and location/terrain.
 - f. Analyze all honesty traces from prior patrols in the AO (*use in conjunction with Step b*).
 - g. Identify the locations of all know minefields in the AO.

 2. The element leader selects trained and qualified operators for all CIED enablers and conducts rehearsals (ensure multiple operators are qualified for each CIED enabler).
 - a. Practice isolation drills for (NAIs) and targeted areas of interest (TAIs) to include vulnerable points and vulnerable areas.
 - b. Rehearse SOP for safe lane and explosive hazard (EH) marking techniques. (Ref: Step 3 e)
 - c. Rehearse actions for an EH find.
 - d. Rehearse actions for an EH detonation.
 - (1) Casualty extraction
 - (2) MEDEVAC
 - (3) CIVCAS
 - e. Rehearse "Hot Swap" routine for battery powered systems.
- Note:** Perform rehearsals IAW current TTPs, SOPs, and ROEs.
3. The element leader verifies available CIED equipment is operational; determines power requirements and material load for sustained operations; and identifies potential interoperability conflicts between all employed CIED enablers and CF Partners.
 - a) Identify battery consumption requirements for your systems (EW, CREW) based on anticipated duration of mission.
 - b) Identify battery consumption requirements for HHDs based on anticipated usage during the duration of mission.
 - c) Identify additional sustainment needs for canine teams.
 - d) Formulates order of movement and standoff requirements (Interoperability) for the various HHDs and vehicle based CREW/EW suites.
 - e) Ensure adequate safe lane marking materials are available for all elements.

Next month: Pt 2 "Actions During the Patrol"



C-IED Team Path Forward

- Seek training solutions (virtual, dl, IMI) to support learning in a budget constrained environment.
- Continue to provide Warfighters of the MCoE globally relevant C-IED instruction and training assistance and augmentation.
- Continue training support for Units assigned at the MCoE through MRTCs, C-IED Training sites and Professional Development sessions.
- Support the CONUS Replacement Center (CRC) with relevancy updates weekly.
- Respond to RFIs regarding MCoE C-IED training submitted by the Joint Services.
- Share TRADOC “Best Practices” for training with the Force.
- Support the Army in developing, and assessing possible C-IED related Initiatives.
- Remain flexible, adaptive, and proactive in the team’s efforts to provide the latest relevant training to the Warfighter.

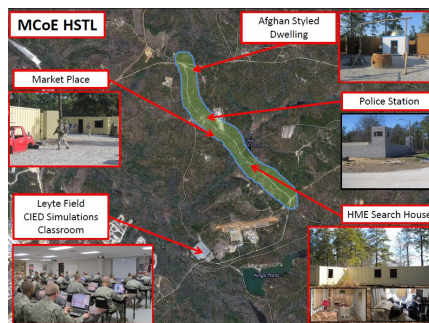
C-IED Team “Behind the Scenes”

In an attempt to meet the demands of the increased training audience being served at the Leyte Field C-IED training facility, the team has facilitated the construction of a dedicated latrine facility to support users, replacing the limited portable latrine setup previously located there.

For those unfamiliar with the Leyte complex, a brief run-down of its capabilities will help demonstrate why the training audience has increased.

The facility has two dedicated classroom structures that host VBS2 virtual C-IED scenarios, CREW and EW suite training, and various preferred C-IED enablers familiarization sessions that cover: various Hand Held Detectors and the Man Portable Line Charge.

The facility also has a training device fabrication shop, and a Forward Operating Base look to it.



C-IED Team Lead Comments

Training Continuity in a Budget Constrained Environment

The US military is facing some hard times with the launching of sequestration. During these times of operational hardship, it becomes all too easy for training or training opportunities that have a high resource demand to be cancelled or significantly curtailed. It is during times like these that products such as Distance Learning applications, Training DVDs, and local simulations have their immediate value increase as they pick up the “slack” and allow Units and Soldiers to continue to maintain relevancy and proficiency in a variety of topics, to include C-IED. Warfighters at the MCoE have access to Virtual Battle Space, Infantry C-IED online instructional courses, and ROC-IED CDs which are provided to all Leadership classes.

The C-IED Team has seen a marked increase in the use of the C-IED VBS2 training facility located at Leyte Field, as Units and Commanders seek ways to limit the cost of traditional training events that incur transportation, fuel, and maintenance costs. Astute leaders find a way to make the best of a given situation and find a way to train and maintain critical skills and knowledge.

The MCoE C-IED Team is on-call to support any requesting unit. To schedule training contact, Tom Dale at 706-545-6577, thomas.l.dale.ctr@mail.mil or Jerry Niggemann 706-545-8823, ge-rald.e.niggemann.civ@mail.mil.

Quick Links:

[RFMSS](#)

[Homepage](#)

[OEF Training](#)

[CALL UTTP
Bulletin 2011-02](#)

[ROC-IED
Training Link](#)

[RAPID Reports](#)

[Marine Corps
Center for
Lessons Learned](#)

[CREW Training](#)

[Attack the
Network
Homepage](#)

[West Point
Negotiation
Project](#)

[Commander's
Handbook
For Strategic
Communication
and
Communication
Strategy](#)



Tom Dale



MCoE IED Defeat

Maneuver Center of Excellence KeyBridge Technologies C-IED Team POCs

- Tom Dale (Team Lead)
thomas.l.dale.ctr@mail.mil
- Cliff Repicky (Ops)
cliff.repicky.ctr@mail.mil
- Louis Francis (Training)
louis.j.francis.ctr@mail.mil
- Andrew Freeman (Analyst)
andrew.freeman1.ctr@mail.mil
- Samuel Molina (Analyst)
samuel.e.molina.ctr@mail.mil
- John J. Fairchild II (Analyst)
john.j.fairchild2.ctr@mail.mil
- Peter Black (Analyst)
peter.b.black.ctr@mail.mil
- Robert Perry (Analyst)
robert.p.perry1.ctr@mail.mil



L to R: Mr. Fairchild, Mr. Perry, Mr. Black, Mr. Francis, Mr. Molina, Mr. Freeman, Mr. Dale, Mr. Repicky

Links of Interest

- Joint IED-Defeat Organization @ <https://www.jieddo.dod.mil/>
- KNIFE Training site @ <https://jknife.jieddo.dod.mil/pages.knifepublic.aspx>
- 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: <http://www.wood.army.mil/dcied>
- Army C-IED Professional Forum <https://forums.army.mil/SECURE/CommunityBrowser.aspx?id=131710&lang=en-US>

Around the World

(IED topics from around the world)



Training Support

This month the Team responded to a request from LTC McCoy, Commander of 3-81 AR, who asked for a mortar or the IRAM device that could be employed from the back of a vehicle and used on the 194th AR BDE's IED Lane.



For specifics of device construction, contact Mr Perry at 706-544-6246