



Volume 4, Issue 4

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MCoE IED Defeat

Current Events

Police Commissioner Ed Davis said the stockpile suggests the marathon attack was intended to be just the first in a series.

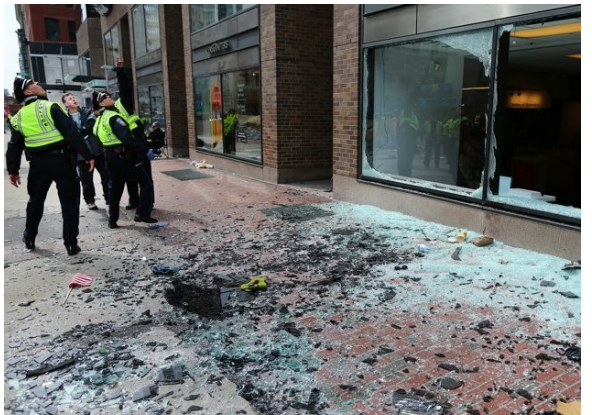
“ We have reason to believe, based upon the evidence that was found at that scene the explosions, the explosive ordnance that was unexploded and the firepower that they had that they were going to attack other individuals. That's my belief at this point.”

With the event race clock nearing four hours and 10 minutes at 2:50pm, the first of two explosions occurred at the 117th running of the Boston Marathon. Three people were killed and over 170 were injured with several requiring amputations. Since the afternoon of April 15th, we have learned that the devices were constructed with locally purchased materials to include the casings which were pressure cookers. This event, and others like the Oklahoma City bombing in 1995, Olympic Square 1996 pipe bombing, and 9/11 serve to remind us that Improvised Explosive Devices (IEDs) are effective and here to stay. Regardless if it is an individual acting alone or operatives connected to a global terrorist organization, steps must be taken to ensure these kinds of attacks will not be tolerated. Early detection is the key no matter if you are in Iraq, Afghanistan, or the United States of America. There is no excuse for not reporting objects being left behind any time of the day. If you see something suspicious, report it!

With over 30 separate training events this past month, your MCoE CIED Team is here to support the Warfighter. Providing the most current training and information about what our Soldiers are experiencing in the operational environment is priority. The operational environment changes every day because our enemy changes his tactics, techniques, and procedures (TTPs). Our IED Awareness and Threat Awareness briefings can be tailored to a specific area of operation or cover the global threat. Virtual Battle Space 2 (VBS2) can give your unit an opportunity to conduct virtual rehearsals, identify, and correct potential issues prior to moving a single piece of equipment. During your live training events, our team provides subject matter expert (SME) advice to our leaders and Soldiers while exposing them to the latest TTPs. With the use of training aids, devices, simulators, and simulations we add realistic conditions to your training exercise.



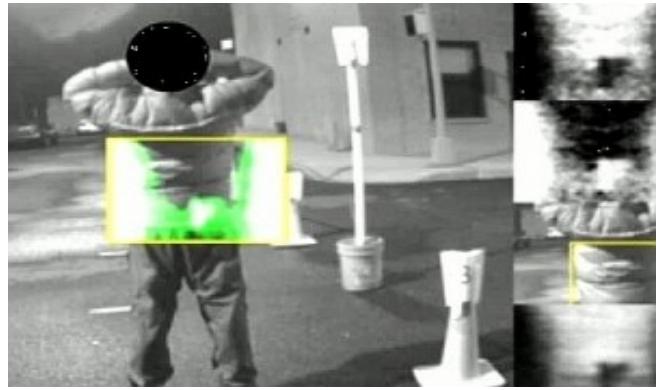
First device detonates and just minutes later a second device down the route detonates.



Near the finish line of the Boston Marathon, Police officers conduct a search

Emerging C-IED Technology

With insider threats and a wide variety of employment techniques for improvised explosive devices regarding concealment and employment against our Soldiers and other nations around the world, the need for early detection devices is critical. Terahertz imaging equipment is powerful enough to see through clothing and zero in on a device or weapon that is concealed. Similar technology is used in night vision devices. This technology detects a form of radiation emitted by the body that cannot penetrate metal. Currently being used by the NYPD, the system can detect a concealed firearm up to 16 feet away. This technology could be used to stop a potential suicide bomber from entering a fixed site or get near our Troops. ([Click](#) here to learn more)



Early detection of a concealed device



ThruVision System by Digital Barriers

Fort Benning C-IED Training Events

IED Awareness Session: Senior Leaders Course 04-13 (NCOA)

This month the team provided C-IED Global threat sessions to 181 Leaders of the Maneuver Senior Leaders Course. The morning's session 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, Culture and the Operational Environment, Establishing a baseline, common Markers/Ground signs, the CAGE formula, VPs/VAs, Confirmations, CREW concept and topics, Biometrics highlights, Insider threat considerations, and several C-IED training opportunities for Soldiers. A closing emphasis was placed on the necessity of leaders reinforcing the lessons learned over ten years of conflict and the importance of adapting and finding ways to continue to train Soldiers effectively in a budget restricted environment.





Welcome to the MCoE Home Station Training Lane

Mirror-Mirror; Bringing "Down Range" to the Range.

Since the push for Home Station Training Lanes (HSTL) to support IED training has evolved, Ft Benning has strived to stay ahead of the requirements curve for any adaptations to be designed, constructed, and employed as its own lane. TC 3-90.110 defines the standard requirement for effective HSTLs. The MCoE HSTL history:

Ft Benning was one of the first to include a Home Made Explosives lab/Search House as an integral part of the lane. In addition to the lab, the MCoE has added a sizable market area and a Law Enforcement structure to replicate those that might be seen in foreign countries.

Ft Benning was one of the first to design, build and employ a Middle Eastern styled dwelling compound that currently replicates geotypical housing areas in outlying areas of Afghanistan.

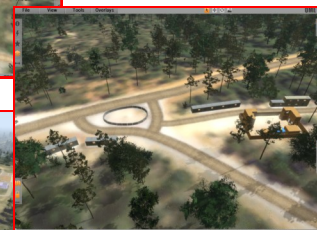
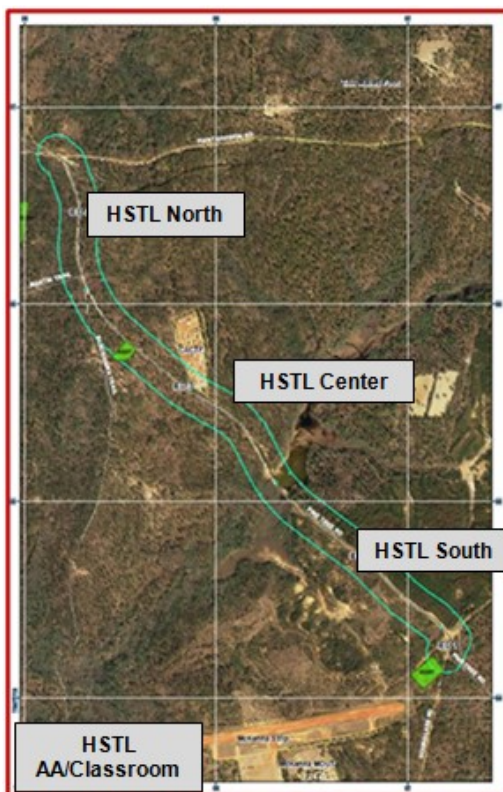
To top this all off, the HSTL and it's adjacent areas have been replicated in a virtual environment using VBS2. Now units who schedule the use of Leyte Field for their MRTCs or HSTL training events, can also rehearse the missions virtually before executing Live training on the lane.

During the NCOA SLC'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
- Atmospherics
- CREW concepts
- Introduction to Insider Threats
- Where to find additional C-IED training resources and how to best use them to support Unit training



- 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.



Units that wish to use these features are reminded that the HSTL sections must be scheduled in RFMSS/BASE4D. Units should also be reminded that the HSTL is inspected daily. Some of these key HSTL features have had some instances of units breaking locks on structures instead of using the contact numbers provided at each point, or damage to exteriors. These units are and will be reported to Range Control. We ask that Units treat the HSTL and its features in a fashion that would guarantee their availability for your next training session.

C-IED Team Path Forward

- Employ the Army Research Laboratory laptop based Anomaly Detection program in support of training.
- Employ low cost 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.
- Respond to RFIs regarding MCoE C-IED training submitted by the Joint Services.
- Share TRADOC “Best Practices” for training with the Force.
- Remain flexible, adaptive, and proactive in the team’s efforts to provide the latest relevant training to the Warfighter.

HOT TOPIC: Common TTP Concerns

After a decade of conflict, Soldiers and Leaders have gained a valuable knowledge used in the fight to counter the enemy’s use of IEDs. The following are a list of “**Common across the Force**” TTP concerns. If you know what they are, it makes them easier to address.

- Failure to focus outward-360°
- Failure to conduct rehearsals
- 5/25/200s are not conducted
- Failure to conduct Pre-combat Checks/ Inspections (PCC/PCI)
- Soldiers are not cross-trained (HHDs and other enablers)
- Poor management of planning timelines
- Establishing patterns
- Routes, immediate actions, and compound occupation, to include SBF positions (Check them!)
- Not conducting a proper threat assessment
- Failure to sweep for secondary devices after initial find
- Straying out of already swept lanes
- Soldiers not adhering to doctrine

C-IED Team Lead Comments

Stay Alert-Stay Alive

As has been pointed out countless times before, the Soldier looking for indicators and knowledge on ground signs is the number one preventive measure against IED employment. Incidents like the Boston bombings only reinforce the value of situational awareness and understanding your immediate tactical surroundings. The whole C-IED training concept of; “*If you see something that looks out of place, then tell someone*” is now mirrored by civilian law enforcement agencies nationwide at various high density events. Leaders should strive to take every advantage to turn their training events into “Indicator” sessions. This could include “Insider Threat” awareness as a designated Soldier acts as a foreign attachment, and go through the social exchanges that should cause caution or alarm, and Soldiers perform their 360s or appropriate Buddy Team actions or TTPs.

With a little planning, anything from a PT session to a walk to and through the Motor Pool can provide opportunities to stress the value of situational awareness. In a growing financially restrictive environment, leaders must adapt and seek out every possibility to train and reinforce fundamentals.

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, gerald.e.niggemann.civ@mail.mil.



Quick Links:

[RFMSS
Homepage](#)

[OEF Training](#)

[CALL UTPP
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

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L to R: Mr. Fairchild, Mr. Perry, Mr. Black, Mr. Francis, Mr. Molina, Mr. Freeman, Mr. Dale, Mr. Repicky
(Not pictured: Mr Koger)

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>

Training Support

B CO 2/46TH Mounted training in the market on the HSTL.



Soldiers conduct casualty evacuation after an IED attack.

Around the World

(IED topics from around the world)

