



Volume 4, Issue 4

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Inside this issue:

[Current Events](#) 1

[C-IED Technology](#) 2

[Fort Benning C-IED](#) 2

[C-IED Training](#) 3

[C-IED Hot Topic](#) 4

[Team Contacts](#) 5

[Links of Interest](#) 5

[Around the World](#) 5

*Special points
Of
Interest:*

[Countering SVBIEDs](#)

[IED Training Support](#)

[C-IED Training Assets](#)

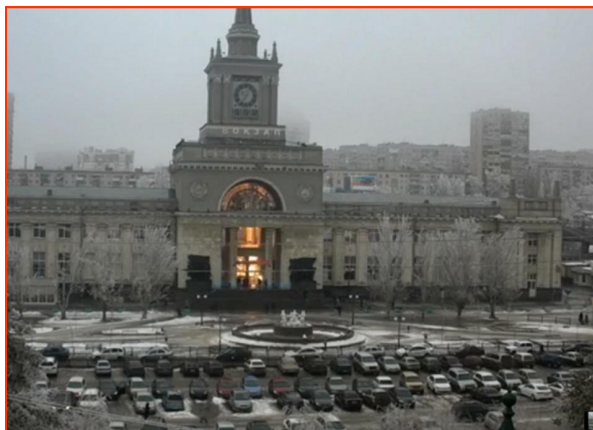
[Path Forward/Hot Topic](#)

[Links of Interest](#)

(CAC login/ Registration may be required for link access)

“When you look at the global trends, it is clear these weapons are not just a facet of our fights in Iraq and Afghanistan, but an aspect of the world we now live in and will operate in for the foreseeable future.”
Lt. Gen. John D. Johnson, Director of JIEDDO

As the Winter Olympics approach, the Russian security forces have their work cut out for them after three recent suicide attacks. Two personnel borne improvised explosive device (PBIED) attacks on buses and one attack at a train station in the last three months with casualties numbering more than 30 killed and at least a dozen more injured. The attacks are believed to be the work of a radical Islamist group tied to the war against the Russian state . Its professed leader has called for more attacks, specifically on the sporting venues featured during the winter games.



PBIED detonated inside a train station in Russia

Bombers have defied traditional “indicators” of these types of threats, by including many young, educated females, or what many would normally consider non-stereotypical sources for suicide attacks; those who are employed, and have family lives, like one of the recent bombers who quit his job as an ambulance driver to serve with radical fighters in the region.

Large venues (parades, sports arenas, demonstrations, protests, and rallies) and fixed sites like logistical bases can be easy and high valued target areas. Areas of concern like security check points and concession areas can become crowded quickly which could allow for a small attack to be a large casualty producing event. Security measures and reaction plans must be rehearsed and all personnel must be involved for these plans to be effective.



PBIED detonated on a bus

Having an offensive mindset and ensuring that everyone knows the reporting procedures can prevent the next attack. Suspicious objects and activities must be reported in a timely manner.

Your MCoE 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 life saving training. Virtual Battle Space 2 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 Detector (HHD) Training, and familiarization of the numerous other enablers will add to your unit’s preparation for upcoming training or deployments.

Emerging Technology

Advancements in technology in the fight against improvised explosive devices (IEDs) continue to happen daily with the ultimate goal of protecting our greatest asset, the American Soldier. There's a need or requirement when detecting or even defeating specific types of IEDs, just like Hand Held Devices to help our Soldiers find Victim Operated IEDs. With our Soldiers operating out of a variety of installations and patrolling while either mounted or dismounted, they are equally vulnerable to suicide vehicle borne IEDs (SVBIEDs). Currently we have electronic counter measures like DUKE and THOR III to assist defeating radio controlled devices, but what about defeating the moving vessel prior to reaching the target? Currently there is a system being tested that can aid units in this area. Using an electro-magnetic pulse type technology, this system can stop a variety of vehicles from closing within a desired distance to a potential target. ([Learn more](#))



(U) Image 2 depicts the device mounted in the rear of a vehicle

Counter measure mounted inside a vehicle for convoy protection



(U) Image 3 depicts the device in a "Counter-Waterborne" mode. The device would be deployed on a watercraft in this mode.

Counter measure system being used to defeat water craft.

Fort Benning C-IED Training Events

In an effort to help maintain a level of relevant awareness regarding C-IED topics with an ever changing population of cadre, the team conducts periodic IED Awareness sessions for leadership groups and local training cadre. This approach helps keep the training cadre fresh for future assignments and utilizes the knowledge and skills developed by the training team by serving the Maneuver Center of Excellence over the past five years.

Topics addressed during these sessions include an IED Awareness/Professional Development session of 2-4 hrs, covering:

- Contemporary Operational Environment
- IED Components (typical & unique)
- IED Visual Indicators
- Insurgent TTPs (Global perspective)
- Operate in an IED Environment
- Vulnerable Point (VP) / Vulnerable Area (VA)
- Combat Enablers (Agency & Material)

And this is followed by a Hands On/performance block of 2-4 hours on various material C-IED Enablers like the following:

- SPARK
- CYCLONE
- RHINO
- CREW (Vehicular and Dismounted systems)
- Man Portable Line Charge (MPLC)
- HHDs (ANPSS-14, Minehound and others)



Cadre from the 29th receive "Hands on" approach familiarization/refresher training



MCoE C-IED Training and Awareness Assets

In an effort to support the unit trainers at the MCoE, we would like to provide a quick overview of what can be provided or supported during training events on the installation.

The following training focus/intent and enablers for requesting Commanders and Units are available at the facility on Leyte Field.

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:

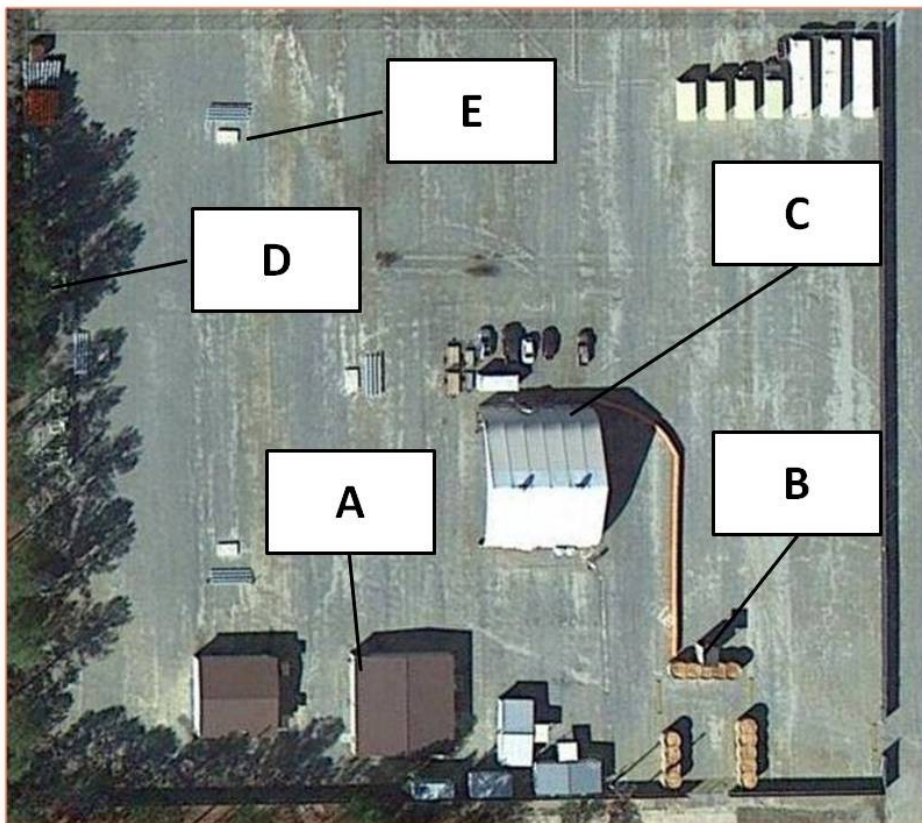
- Counter-IED Facts
- IED TTP sharing
- IED types and typical employment methods
- Mounted and Dismounted attack TTPs used in Afghanistan
- Atmospheric
- CREW concepts
- Introduction to Insider Threats
- Where to find additional C-IED training resources.

1. MRTC Lane support (Scenario development, training aids)
2. IED Awareness/Professional Development
3. IED Awareness T3 (5 days/ 40 hours)
4. IED Awareness class w/ dismounted lane
5. VBS2 -Virtual Sim (Training is scenario driven)
6. RFI support
7. C-IED enablers training/familiarization: CREW, THOR III, MPLC, AN/PSS14, VMR2 Mine-hound
8. IED Distance Learning /Interactive Multi Media applications (ROC-IED, ARL 2D)

Due to the size of the team that supports the whole Maneuver Center of Excellence, the C-IED Team asks that training support requests be submitted **at least two weeks prior** to the event, and that we operate under a "first filed- first to be served" basis.



- 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.



Leyte Field C-IED Training facility features:

- A. Two simulations facilities that support VBS2 Virtual training or C-IED Classes
- B. FOB type layout for Units training on the Home Station Training Lane (HSTL)
- C. Overhang that covers vehicular mounted enablers (Cyclone, Rhino, SPARK)
- D. IED Stations that address key points of a variety of devices
- E. Four Sand table sites for units to rehearse during HSTL operation.

The facility is conveniently located next to McKenna MOUT site.

C-IED Team activity for the Warfighter

- Supported C-IED focused training for 40,699 Soldiers during the year of 2013, an increase of roughly 3% over the previous year.
- Continue the implementation of relevant C-IED enabler introduction, familiarization, and use during local/MCoE training sessions. Enablers include HHDs, Man Portable Line Charge trainer, CREW/THOR III, SPARK, RHINO, and Cyclone.
- Employ low cost training solutions (Virtual, dL, IMI) to support learning in a budget constrained environment.
- Respond to RFIs regarding MCoE C-IED training submitted by the Joint Services.
- Promote a TRADOC “Best Practices” perspective on training with the Force.
- Remain flexible, adaptive, and proactive in the team’s efforts to provide the latest relevant training to the Warfighter.



Quick Links:

[RFMSS Homepage](#)

[OEF Training](#)

[DHS IED Fact Sheet](#)

[ROC-IED Training Link](#)

[RAPID Reports](#)

[Marine Corps Center for Lessons Learned](#)

[CREW Training](#)

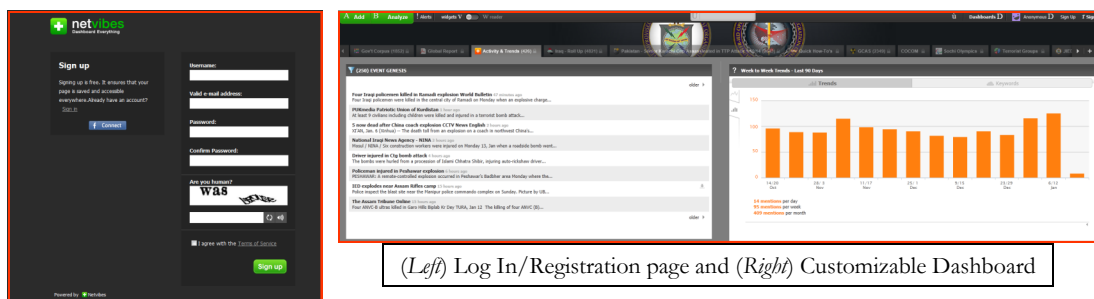
[Attack the Network Homepage](#)

[West Point Negotiation Project](#)

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

C-IED Hot Topic: Resources

Recently a new resource on IED topics was launched called the **JIEDDO Situational Awareness Room**. The site’s operating disclaimer states that although some of the information contained is near real-time it cannot be used for official publication as it is aggregate and raw. The information contained does not represent official statistical data. Even with this fact, the resource provides another customizable collection point for relevant news regarding specific topics.



Interested reading members can register for an account at the following address:
[JIEDDO Situational Awareness Room](#)

C-IED Team Lead Comments

Establishing Training Continuity

The MCoE’s Counter-IED training team has been in place for nearly six years. With a variety of training aides, devices, simulations, and simulators, it has been the One Stop Shop for unit trainers when it comes to supporting the C-IED events and needs. Yet despite this longevity and continuity of subject experience, we keep finding units on the installation that know nothing to very little about what we do.

To alleviate this issue in the future, we recommend that units develop and keep a continuity book that addresses Contacts & Capabilities with regards to various types of training. The ever changing face of leadership here on the installation continuously restarts the “learning” curve for trainers. This reduces valuable planning time for the unit. It is also possible for units to schedule “Team Capabilities” in-briefs at Leyte Field, so that new leadership and those responsible for training can be made aware of what’s out there to support their needs.

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



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MCoE IED Defeat

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L to R: Mr. Koger, 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.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)

Around the World

(IED topics from around the world)



C-IED Training at the MCoE:



Soldiers of 2/54 IN receive training at IED Stations



Soldiers in the Stryker Leader course receive a Global IED threat brief.