Explosive Ordnance Disposal Symposium
Exploitation of Improvised Weapon Systems

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Weapons Technical Intelligence (WTI) Panel

CDR Stephen Duba, Officer in Charge
• Indian Head EOD Technology Division’s
  – Explosive Exploitation Unit ONE (EXU ONE)

Ms. Rhonda Craig
• Unit Chief, Evidence Management Unit, Terrorist Explosive Device Analytical Center, FBI

Mr. Damien Spleeters
• Head of regional operations in Iraq and Syria, Conflict Armament Resolution (CAR)
Exploitation is accomplished through a combination of forward deployed and reach back resources to support commander’s operational requirements

Exploitation Supports:
• Targeting
• Force Protection
• Prosecution
• Material and component Resourcing
**Level 1: Field Exploitation**

Personnel search, tag, evacuate and/or safeguard collected materiel, documents and electronic components and storage media. Exploitation is conducted at the event/incident site or in relatively close proximity to extract information and determine whether further exploitation is warranted.

**Level 2: Theater Exploitation**

Exploitation is conducted by functional subject matter experts. Single and multiple source processing and fusion produce tactical and operational information and intelligence. Items of interest will be sent to an out-of-theater facility for additional exploitation, when required.

**Level 3: Out-of-Theater Exploitation**

Exploitation is conducted by experts in laboratories and facilities outside the theater of operations equipped to extract information and intelligence of additional value. Single and multiple source processing and fusion produce input to wider all-source intelligence that supports deployed commanders, Alliance and coalition partners as well as national and NATO agencies.
Exploitation Coordination and Integration

- Standardize terminology and reporting
  - IED Lexicon/UAS Lexicon
  - WTI Handbook
  - Exploitation reporting synchronization

- Sharing of Exploitation information between services, Interagency, partner nations, industry, etc…

- Codified Exploitation Enterprise Framework
  - Standardized process flow and material flow

- Scalable Capabilities including Reach-Back Analytical Support

“Facilitate the Coordination and Synchronization of Exploitation”
Final Thoughts

• To be effective and responsive, exploitation requires a **coordinated and synchronized** comprehensive approach among all exploitation stakeholders…military, industry, academia, international partners and the whole-of-government

• During joint operations, exploitation capabilities should be **task organized** to form a tailored support package that satisfies a commander’s forward deployed technical, forensic, and scientific intelligence and information requirements

• Exploitation **supports the information needs** of commanders, national policy and other strategic decision makers