Support to Explosive Formed Projectile (EFP) Networks in Iraq

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Agenda

- Physical Evidence of Involvement in EFPs
- EFP Events in Iraq
- 1.4b-Linked EFP Networks
- Lethality of 1.4b-linked EFPs
Key Findings

- operatives with Lebanese Hizballah trainers likely introduced Explosively Formed Projectile technology into Iraq

- EFP attacks increased markedly in April 2006
  - All-source reporting indicates correspondent increase in network activity

- Most effective EFPs have distinctive technical signatures identifying them as
  - Approximately 75% of EFPs used in Iraq are of origin
Linked Technology

- Operatives introduced technology and effective employment techniques to surrogate organizations (Shi’a extremists in Iraq)

EFP components

(U) Telemetry/CDP Tx/Rx
(U) C-4 Military Explosives
(U) PIR Trigger
- In July, September, and November 2005, C-4 explosives produced in 2004 captured by Iraqi and British forces in Iraq near Iranian border.
- In each instance, the C-4 recovered was accompanied by other EFP materials indicating C-4 was likely to be used with these devices.
Physical Evidence of Involvement (cont.)

- May 03, fishing vessel Abu Hassan, bound for Gaza Strip, intercepted
  - Recovered cargo revealed Lebanese Hizbollah attempting to smuggle IED materials to Palestinian terrorist groups
  - Comparison done of recovered LH IED material with similar material recovered in Baghdad and Basrah
  - Devices nearly identical in appearance, construction, initiation circuitry and operating instructions
- TNT recovered by Iraqi police in al Amarah in January 2006 carried same factory markings of TNT seized with other
- Large shipment of UHF Radio Frequency modules sold to electronics firm in September 2000 (photo not available)
  - UHF Radio Frequency chip from shipment later recovered in advanced remote-controlled firing device in IED attack in Iraq

Factory Markings Indicate Origin

TNT recovered by Iraqi police in al Amarah 16 January 2006
Factory Markings: LOT 3; Year Produced 2000

TNT seized on Karine-A, January 2002 with other and munitions
Factory Markings: LOT 3; Year Produced 2000
EFP Events in Iraq
Aug 05-May 06

Most attacks in areas with large Shia extremist (JAM) population
Linked EFP Networks

- Network responsible for planning and conducting attacks in Baghdad area since 2003
- Former Badr Corps Intelligence Chief, supported by/maintains close associations to
- All-source reporting indicates coordinates materials, personnel between Iraq and
- Network responsible for attacks in Al Amarah, Al Majjar al-Kabir
  - Al-Gharrawi: Organization of Martyr Sadr (OMS) official
  - Network consists of OMS, Mujahidin for Islamic Revolution in Iraq (MIRI) personnel
  - Receives training, funding from
Lethality

- June 04 – April 06
  - EFPs are ~1% of all Improvised Explosive Device attacks
  - EFPs responsible for ~23% of IED-related Killed-in-Action
  - Standard Improvised Explosive Devices cause \[1.4a\] casualties per attack
  - Explosively Formed Projectiles cause \[1.4a\] casualties per attack

Note: EFP Events are total EFP attacks (by arrays) and EFP arrays F/C