Military Ordnance in Improvised Explosive Devices
Prevalence, Impact and Hotspots

**3,073**
Total recorded casualties (1,302 killed and 1,965 injured)

**72%**
Casualties were reported to be civilians (2,215)

### February’s Hotspots

<table>
<thead>
<tr>
<th>Country</th>
<th>Civilians</th>
<th>Armed actors</th>
<th>Incidents</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Iraq</strong></td>
<td>954</td>
<td>256</td>
<td>76</td>
</tr>
<tr>
<td><strong>Syria²</strong></td>
<td>539</td>
<td>243</td>
<td>35</td>
</tr>
<tr>
<td><strong>Pakistan</strong></td>
<td>253</td>
<td>213</td>
<td>28</td>
</tr>
<tr>
<td><strong>Lebanon</strong></td>
<td>180</td>
<td>18</td>
<td>8</td>
</tr>
<tr>
<td><strong>Afghanistan</strong></td>
<td>71</td>
<td>25</td>
<td>13</td>
</tr>
</tbody>
</table>

SOURCE: AOAV
IEDs vs. Explosive Weapons, Feb 2014

Air-launched
285 civilians killed and injured

Ground-launched
354 civilians killed and injured

IEDs
1,493 civilians killed and injured

SOURCE: AOAV
Simple Electric Circuit

TRIGGER
command ... time ... victim
Basic Structure and Components

**CONTAINER**
- body

**POWER SOURCE**
- e.g. battery

**SWITCH**
- activator, trigger

**INITIATOR**
- detonator or fuze

**MAIN CHARGE**
- explosive
Military Ordnance in IEDs

- IED with 2 x HE artillery shells
- HE artillery shell IED
- Cache of components of IEDs found in Iraq
Military Ordnance in IEDs

Hand grenade detonator and fly off lever used as initiator and victim operated pull mechanism as firing switch.

Cord runs off as a trip wire or is attached to an attractive item as anti handling device.

Detonator inserts into main charge.
APM as initiator and firing switch for main charge - all in one.
Typical IEDs
Availability of Instruction
Military Grade Explosive and Container: Advantages
Physical Security Countermeasures
AXO/UXO/SP Bulk Disposal
Ammunition Safety Management

1. MAKE SAFE
2. FIELD MANAGE
3. PERMANENT STORE
UEMS

GICHD – Operations
Thank you