SOF EMPLOYMENT OF ROBOTS

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Threat

• Improvised Explosive Devices (IEDs) are the leading cause of casualties among Coalition Forces (CF).

• Casualties caused by IEDs have increased tremendously in the last year.

• Victim Operated IED’s (VOIEDs) are the most common method of attack.
C-IED Tools

• Electronic Counter Measures (ECM) - Thor backpack system

• Metal detectors

• Military Working Dogs (MWD)

• Lightest Robot - SUGV 310, OCU not shown
Why another robot

• Robots are a force multiplier
• EOD can’t be everywhere to verify threat
• Gives the Operators immediate feedback on current IED threat
• Compliments C-IED tools
• Dismounted operations require a light weight CIED robot
Operational Use

• Clearing Courtyards, Fences, Rooftops and Walled Compounds

• Clearing/Inspecting Rooms/Structures Prior To Entry

• Clearing Culverts

• Clearing Crawl Spaces

• Clearing Caves

• Securing Danger Areas or Entry Points
Assault force deployment
Questions?