

# Adaptable Fires in Support of CAM/WAS

“The Army Functional Concept for Fires emphasizes the need for **operationally adaptable fires** and focuses on developing a versatile set of capabilities that future Army forces will employ with increased discrimination to defeat a wide range of threats.”

*Adaptable Fires in Support of Full Spectrum Operations, Army Magazine, July 2011*

# Fires Operations for last 10 years

2002

- Lethal Targeting Predominates
- Reactive Counter-fire
- Counter TBM
- Integrated Fire Planning
- Area Denial
- Artillery raids in restrictive terrain
- Ad hoc Composite Fires Bns
- HIMARS support SOF Ops
- Fires Radars integration for C-RAM
- FA/Mortars primarily used in Counter-Fire
- GMLRS for precision targets in urban areas
- Over reliance on CAS
- Most fires Soldiers conducting non-standard missions

2011

- Non-Lethal Targeting Predominates
- Fires Battalions become battle-space owners

Operationally adaptable Fires Soldiers and leaders

# Fires During CAM-WAS transition

## Impacts on Fires Forces...

- Centralized to decentralized operations
  - Scope of operations (battalion to platoon)
  - Extended to consolidated (but larger) logistics footprint
  - Communications requirements increase
  - C-RAM increases
  - Force Protection to Infrastructure/Population Protection
- ROE implications (area vs. precision fires)
- Mobile vs. static operations
- Lethal vs. non-lethal targeting

### Enduring Roles and Missions:

- Strategic deterrence
- Homeland Defense
- Fire support to maneuver forces
- JIIM interoperability

# Current Strategies/Issues

National Strategy: COIN

↳ Operational Art: WAS (FSO – emphasis on Stability)

↳ Fires Tactics: Decentralize and distribute Fires assets task organized into ad hoc composite units

Issues:

- Over reliance on CAS
- Collateral damage and civilian casualty issue
- C-RAM assets limited to fixed sites
- Atrophy of basic Fires skills
- Emerging UAS threat
- Non-lethal targeting
- Electronic Attack Integration
- Communications over extended distances in complex terrain
- Fusion of Organic and Non-Organic Sensors