



# U.S. Army Munitions HQ DA G-3/5/7



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# Agenda

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- DA G-3/5/7 Munitions Mission
- Army Munitions Strategy
- Munitions Requirement Process (MRP)
- Current Operational Trends and Observations
- Major on-going Actions/Initiatives



# DA G3 Munitions Mission

- Serve as Army Staff focal point for integrating all munitions issues
- ARSTAF Team of Teams = G-3/5/7, G4, G8 and ASA (ALT)
- Where do we focus?
  - ✓ Determine ALL munitions requirements
  - ✓ Sustain the warfight
  - ✓ “Operationalize” munitions issues and recommend priorities
  - ✓ Coordinate munitions resourcing strategy
  - ✓ Synchronize munitions policy
  - ✓ Oversee Army weapons training program
  - ✓ Monitor munitions and industrial base readiness



# Munitions "Team of Teams"

## Validation, Prioritization, Resourcing, Policy

**G-3/5/7**

- SSW: War plans
- FM: Force structure
- CIC: Capability RQMTs
- TRA: Develop RQMTs
- CIR: Develop priorities
- OD: Current operations

**G-4**

- Sustainment**
- Munitions Div

**G-8**

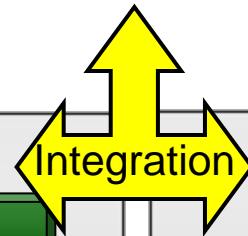
- Programming**
- Conv'l Ammunition (FDX)
  - Missiles & FCS (FDD, FDE, FDS, FDV, FDF)

**ABO**

- Budgeting**
- Munitions Div

**ASA(ALT)**

- Acquisition & Program Management**
- Missile Systems & Ammunition Directorate



### Requirement Generators

**OUSD**  
MRP guidance and scenarios

**Joint Staff**  
JCIDS approval, Out-year targets

**CCDRs/ASCCs**  
OPLANs, Near-year targets

**AR2B**

Long-Term (POM)

**TRADOC**  
JCIDS; STRAC, POI, and CBT Loads

**CAA**  
QWARRM Model

**ATEC**  
TEST RQMTs

**OTHER CMDS**  
ONS

Near-Term  
GWOT

### Acquisition and Logistics

**AMC**

**A&M LCMC**

Life-Cycle Mgmt Command for missiles

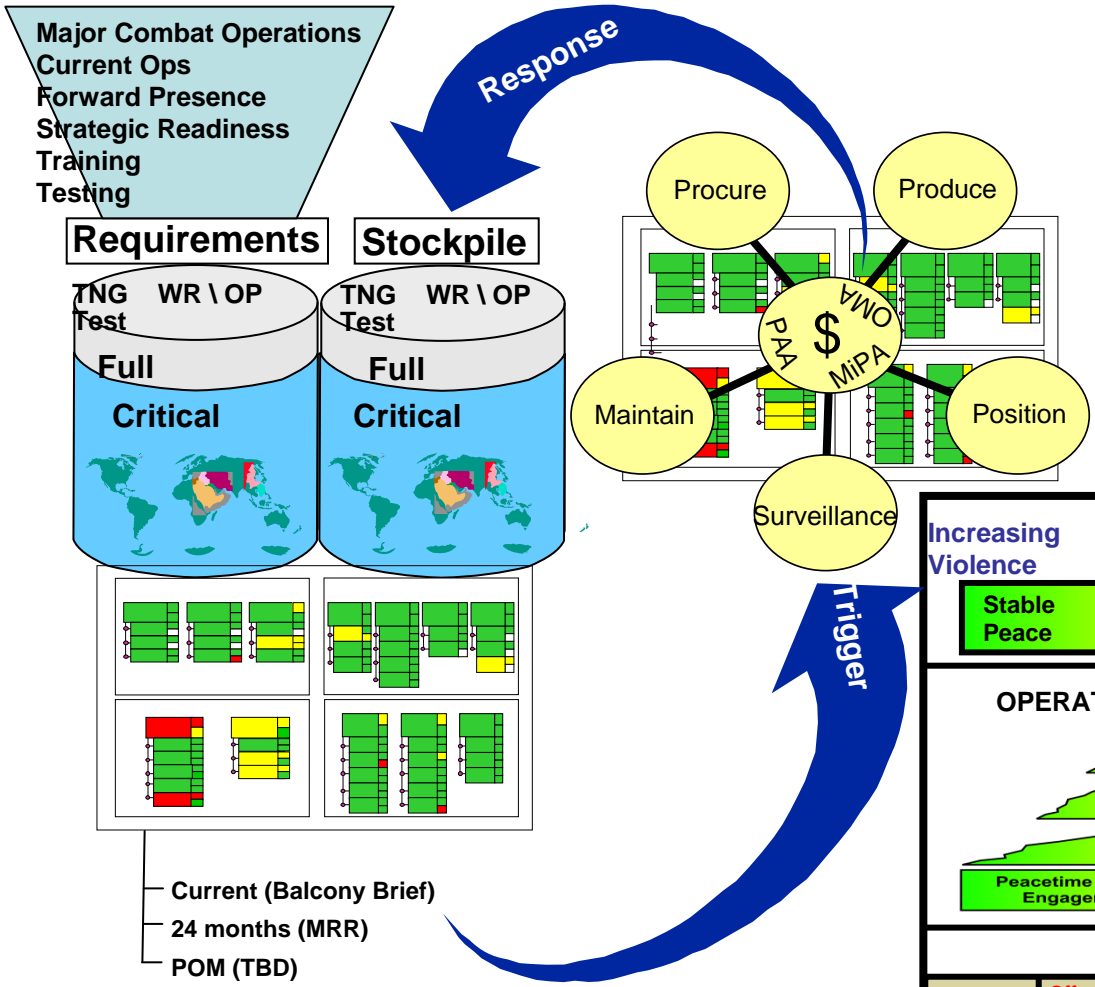
**JM&L LCMC**

Life-Cycle Mgmt Command and Single Manager of Conventional Ammunition (SMCA)



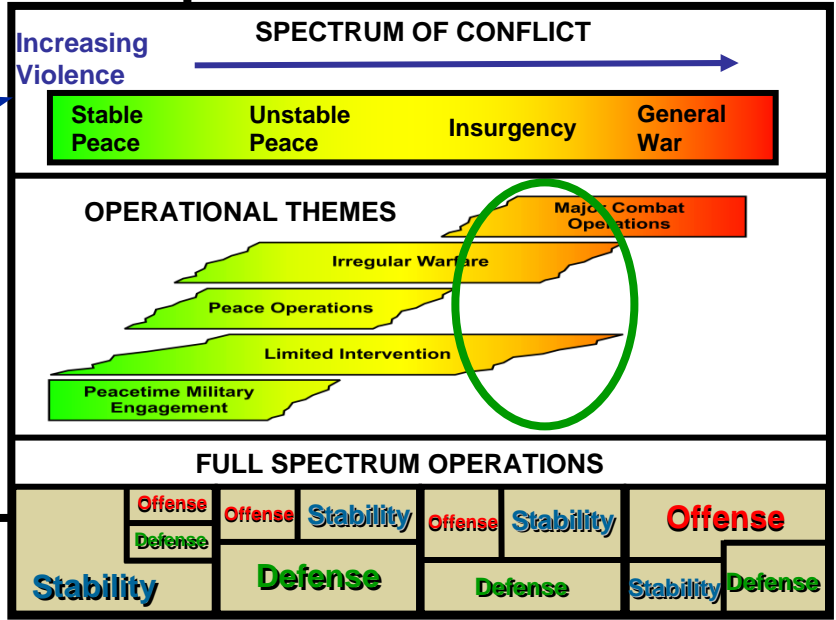
# Army Munitions Strategy

## Drivers      Reservoirs      Triggers



## Endstate

- Generate steady-state capability while maintaining flexibility to surge.
- Be proactive versus reactive.
- Take a holistic, comprehensive, synchronized approach.
- Get operational issues in operational channels.
- Support Joint and Army capability- and readiness-based requirements and priorities across the spectrum of conflict.





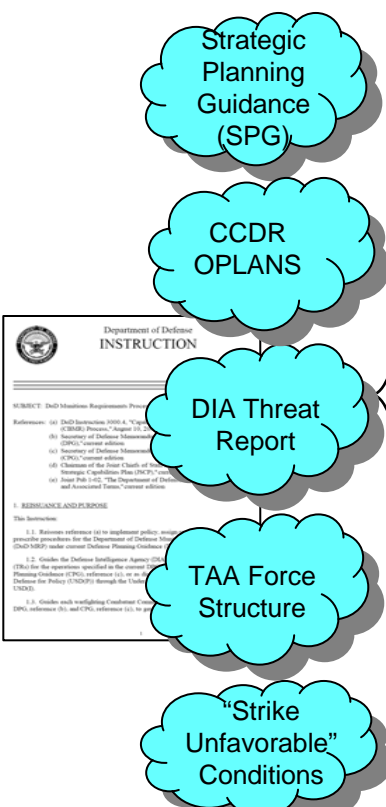
# Munitions Requirements Process (MRP)

- DoD Instruction 3000.4, Munitions Requirements Process (MRP), directs all Services to develop munitions requirements biennially.
- The MRP is a deliberate planning process that supports long-range POM planning and investments.
- As part of the deliberate planning process, we use the “Quantitative War Reserve Requirements for Munitions” (QWARRM) process to develop War Reserve / Operational requirements.
- The Center for Army Analysis (CAA) conducts theater-level modeling based on input from multiple sources including:
  - Strategic Planning Guidance
  - COCOM OPLANS
  - DIA Threat reports
  - Projected Force Structure
  - Approved / projected munitions
  - Munitions caps
  - Approved Combat Loads (CL)
  - Munitions / system performance data
- Training and test requirements are developed separately from the QWARRM process.



# Total Army Munitions Requirements (TAMR)

**Account for Everything; Double-count Nothing**



## Army Simultaneity Stack

## Translation

## MRP Stack

**Major Combat Operations**

- MCO WD + MCO SDTE
- Stability OPS (OIF/OEF expenditures)
- Post-MOB / CONOPS training
- Residual Capability
- Main rounds modeled + Combat loads

**Major Combat Operations**

**Deter Aggression**

- 4 Baseline Security Postures
- Current Operation / Fwd Presence
- SOF Operational
- Combat-load based RQMT

**Current Ops & Forward Presence**

**On-going Operations**

**Homeland Security**

- DRBs & OP Projects
- Generating Force (11<sup>th</sup> ACR NTC; 1-509 IN (ABN) JRTC; 1-4 IN JMRC; NG IN BCT ISO Post-MOB)
- Combat-load based RQMT

**Strategic Readiness**

**Transformation**

**Generating Force**

- STRAC, POI & CTA 50-909
- Stockpile Reliability / RDTE

**Training & Test**

QWARRM

TNG/TEST

**TOTAL ARMY MUNITIONS REQUIREMENT**



# Current Operational Trends and Observations

- We must be more responsive to rapidly changing Tactics, Techniques and Procedures to support the current warfight and persistent conflict (e.g. 2.75" flechette rockets, Blast/Frag Hellfire).
- Phase IV Operations and “Persistent Conflict” require more than small arms (e.g. demo, precision-guided munitions, non-lethals, etc.)
- Joint and Coalition munitions planning and training is critical. Technology cannot outpace slowest runner (7.62 Dim Trace, Aphids)
- Ammunition Foreign Military Sales (FMS) are on the rise and must be leveraged for; Strategic Shaping/Coalition building and Industrial Base readiness
- Reduction in inventory (due to overall reduction in force structure, increased lethality and precision) has led to a greater reliance on near real time inventory and expenditure data (not there yet)
  - Just in time production does not equate to just in time logistics





# Ongoing Actions/Initiatives

## ➤ Sustain the Warfight

- Integrating Emerging Munitions (UMR/FMR)
- Transition between AOs
- Foreign Military Sales

## ➤ Manage Army Munitions Requirements and Prioritization

- Training Strategies - Munitions Growth
- Operational Needs Statements - Enduring
- Precision to Conventional munitions – right mix
- TRADOC Missile Assessment/Study

## ➤ Cluster Munitions Dynamic

- Distinction between Oslo Accord and OSD Policy
- Joint Staff and TRADOC Ongoing Studies

## ➤ FY12-17 POM / TAMR

- QWARRM is our war reserve munitions requirements development process
- Developed IAW Department of Defense Instruction 3000.4, Munitions Requirement Process (MRP)
- OSD AT&L Implementation Guidance dictates Defense Planning Scenarios for use in MRP
- Training Ammunition requirements developed IAW STRAC and TRADOC POI's



# Don Chrans DA G8 Programming and Budgeting