



2009 NDIA International Infantry & Joint Services Small Arms Systems Symposium

OSD Perspective

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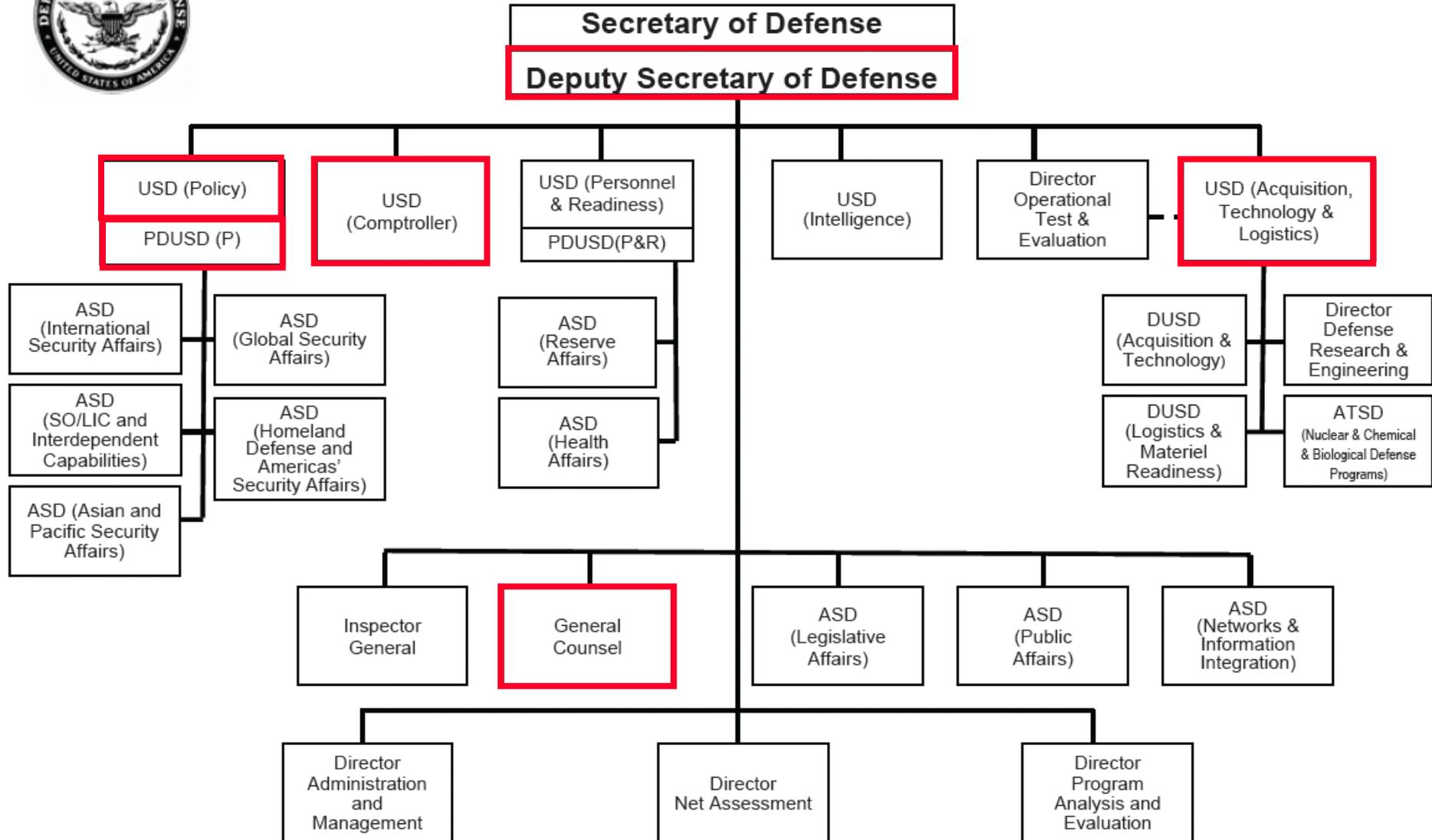


Discussion Topics

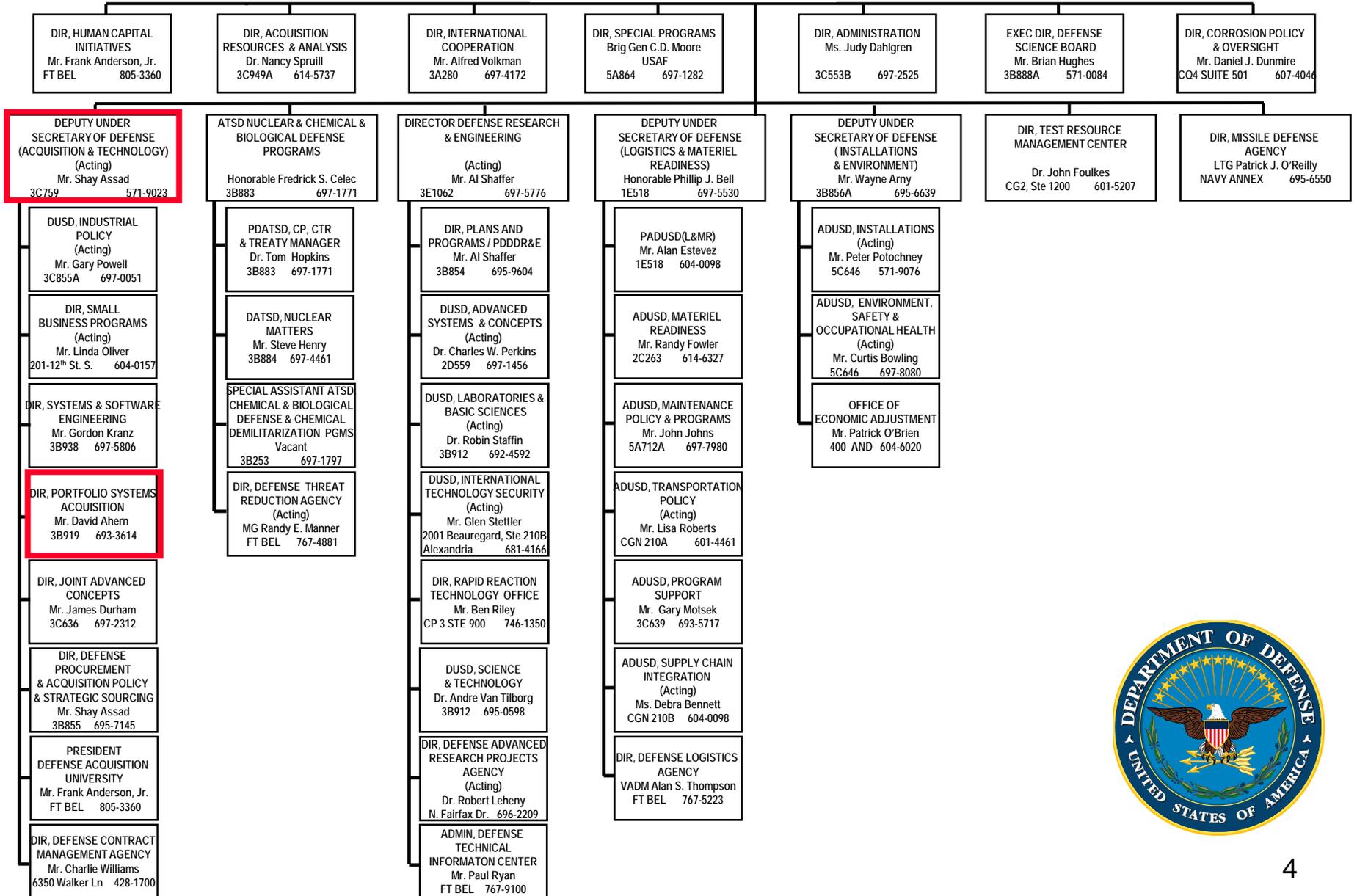
- OSD / AT&L Organization
- Budget Trends
- Small Arms Joint Assessment Team



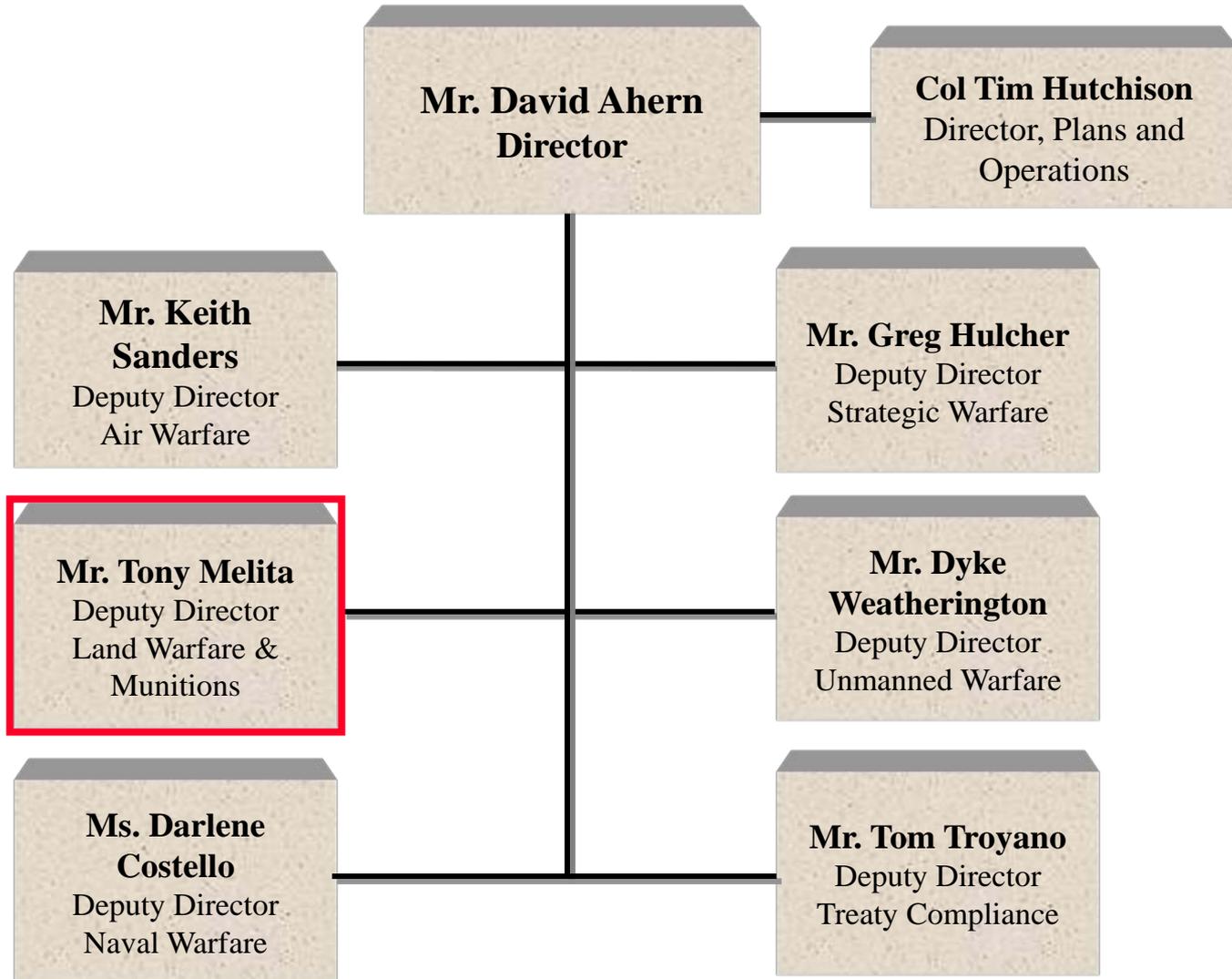
Office of the Secretary of Defense



UNDER SECRETARY OF DEFENSE
(ACQUISITION, TECHNOLOGY AND LOGISTICS)
Honorable Ashton B. Carter
3E1014 697-7021

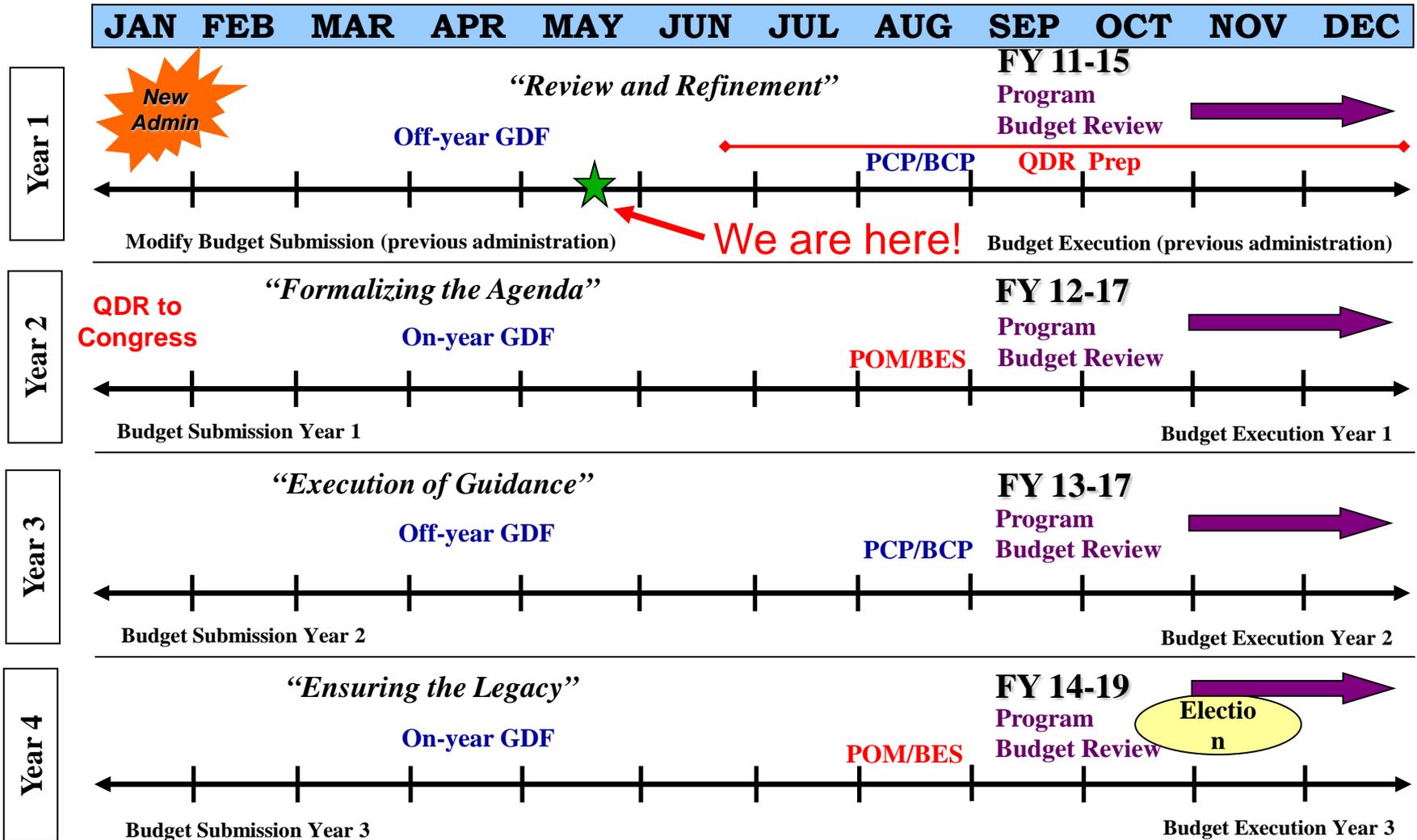


PORTFOLIO SYSTEMS ACQUISITION (PSA)



Budget Trends

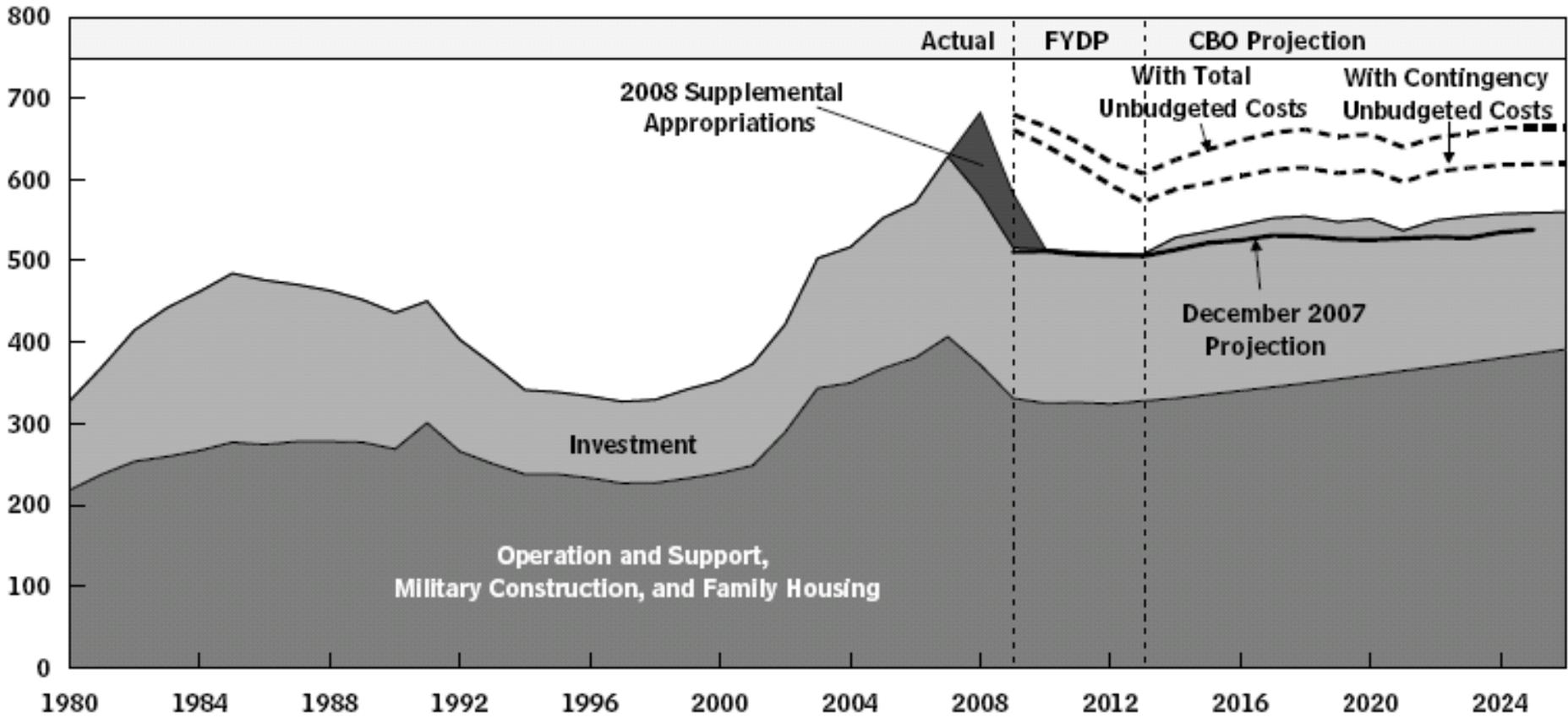
Planning, Programming, Budgeting, and Execution



4 Administration Years with 2-year PPBE Cycle

Past and Projected Resources for Defense

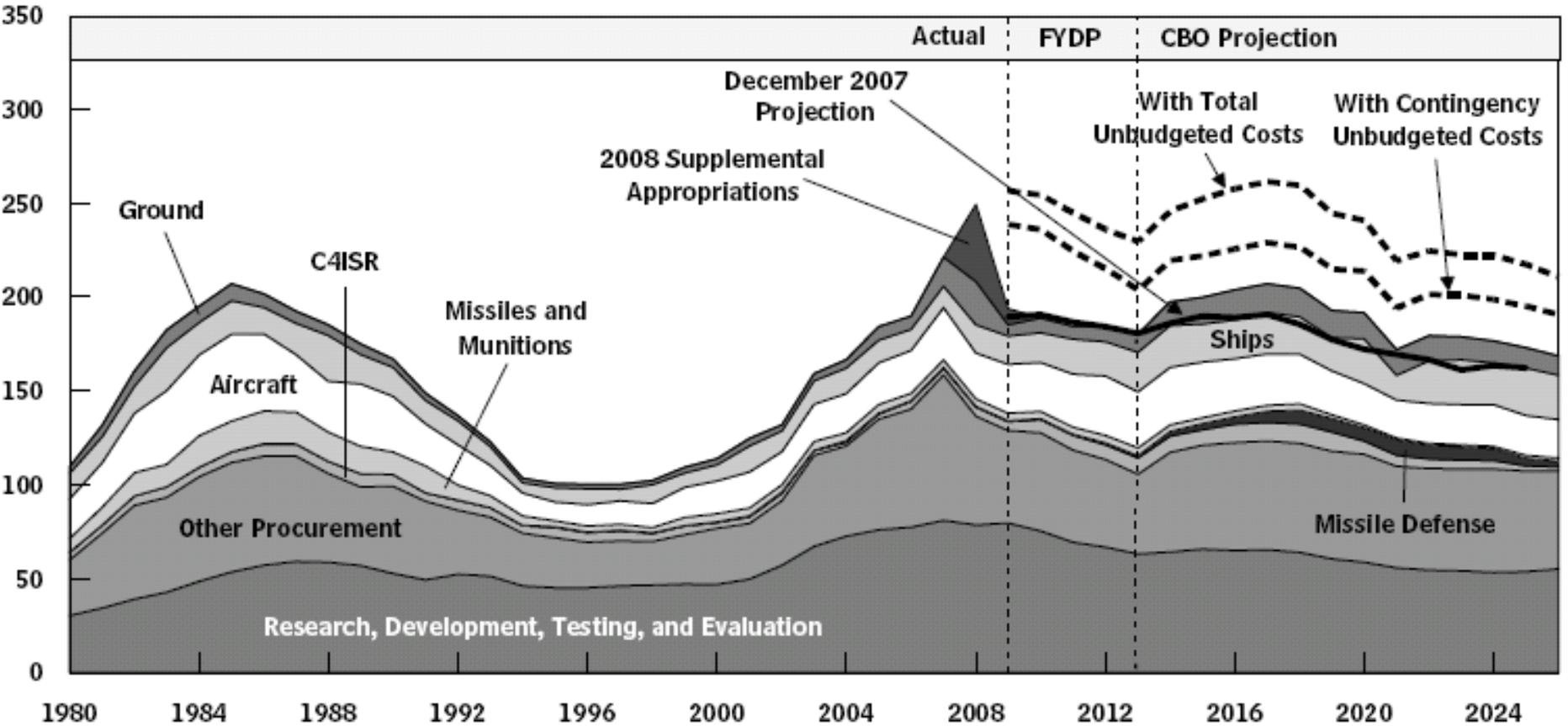
(Billions of 2009 dollars)



Source: Congressional Budget Office, "LONG-TERM IMPLICATIONS OF THE FISCAL YEAR 2009 FUTURE YEARS DEFENSE PROGRAM," January 2009

Past and Projected Resources for Defense Investment

(Billions of 2009 dollars)



Source: Congressional Budget Office, "LONG-TERM IMPLICATIONS OF THE FISCAL YEAR 2009 FUTURE YEARS DEFENSE PROGRAM," January 2009

Small Arms & Ammunition Joint Assessment Team



- Objective – Conduct an objective assessment of the Department’s approach to satisfying small arms and ammunition capability requirements
- Tasking – review current and projected Small Arms and Ammunition (SAA) requirements; assess performance of current SAA against requirements; establish acquisition and life-cycle costs; determine cost premium drivers on current and future weapons; evaluate cost and capability of current development and procurement plans; and consider future requirements and capabilities that can be acquired today, and that which requires R&D
- Membership – All DoD stakeholders

JAT Membership

OSD AT&L (4)

OSD Policy

OSD Comptroller

OSD PA&E

OSD DOT&E

Joint Staff, J-8

USSOCOM

JSSAP

SAF/AQ

DASN (ExW)

ASA (ALT)

HQMC, MCCDC

OPNAV, N86

NSWC, Crane

DUSA (T&E)

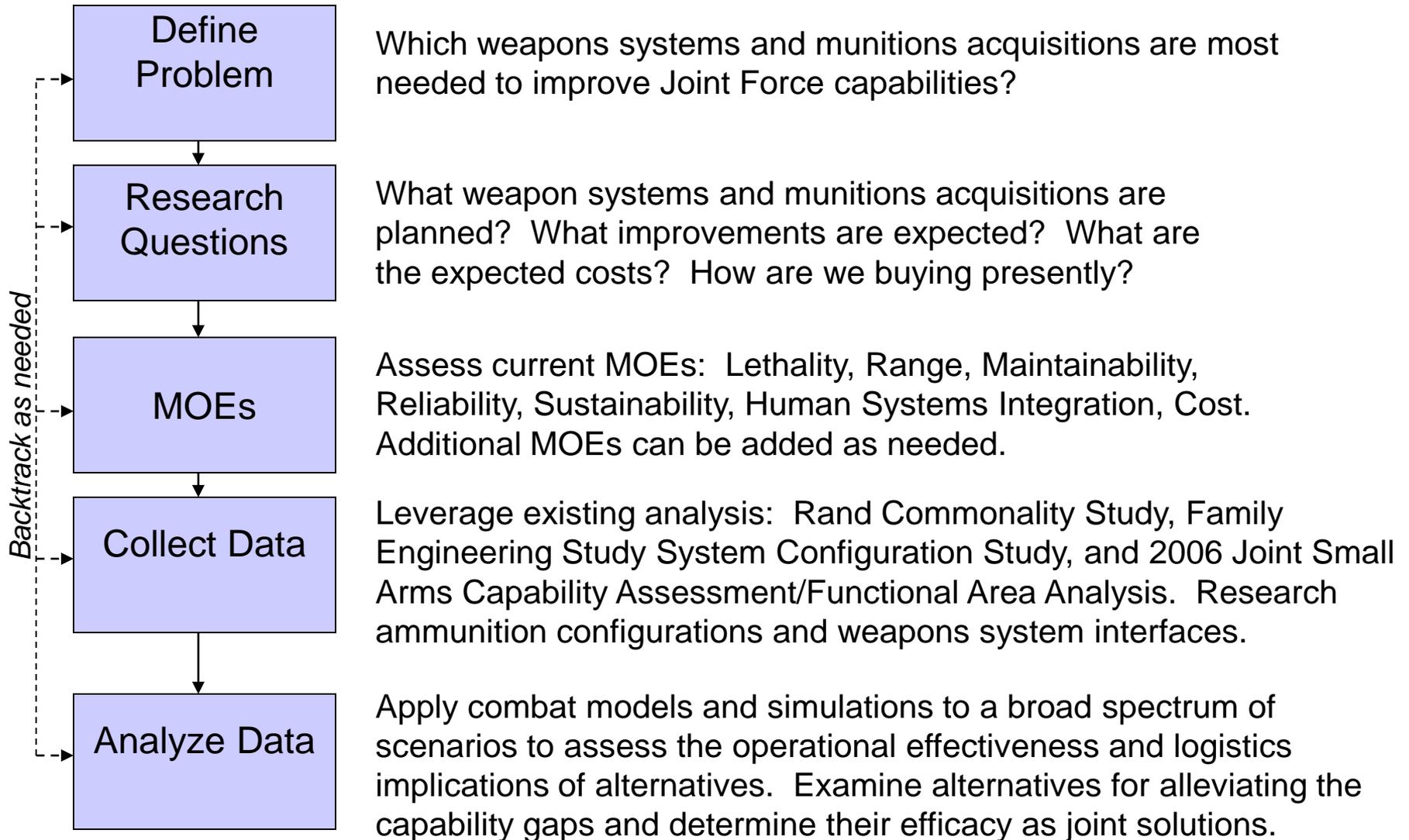
HQDA, G-3

HQDA, G-8

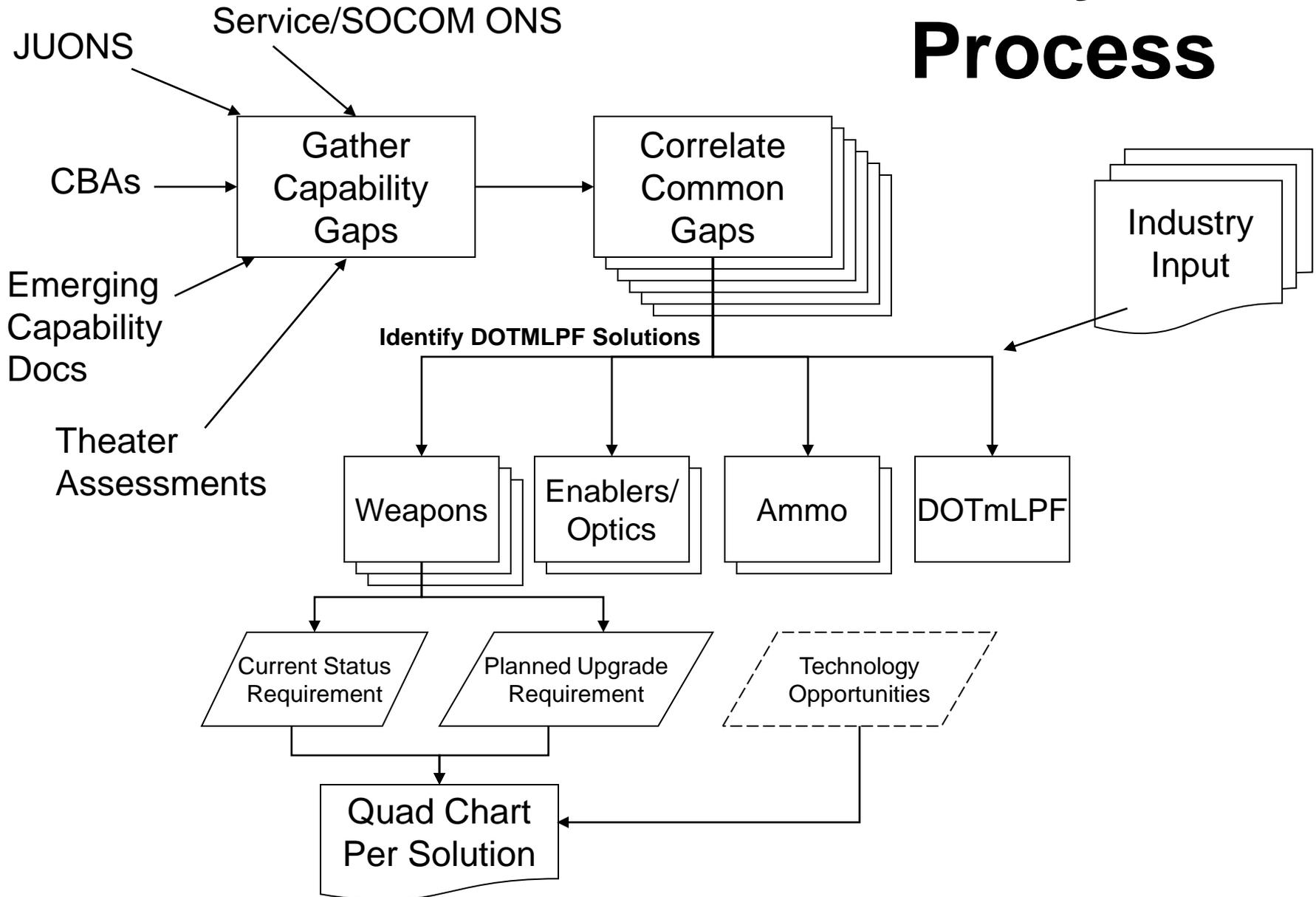
USA Infantry Center

- Definitions of Small Arms & Ammunition
 - Small Arms: Man portable, individual, and crew-served weapon systems used mainly against personnel and lightly armored or unarmored equipment. (*JP 1-02*)
 - Small Arms Ammunition: Ammunition for small arms, i.e., all ammunition up to and including 20 millimeters (.787 inches). (*JP 1-02*) and 40mm grenades.

Small Arms Joint Analysis Approach



Analysis Process



Quad Chart Example

Improved Night/Day Observation/Fire Control Device (INOD Block 2) (AN/PVS-26)



Description: Provides the SOF sniper with a light weight, low signature, fire control and observation device which allows the sniper to detect, acquire, and engage targets out to the weapon's maximum effective range under day/night conditions.

Capability / Performance

- Single Weapon mounted for heavy sniper and crew served weapons (INOD Block 2 - .50 caliber and crew served weapons).
- The INOD allows the sniper to go from day to night operations without re-zeroing.
- Clip-on design with dedicated day optics.

Schedule

- **Authorization/Validation: USSOCOM INOD ORD 25 June 2003**
- **LRIP Deliveries: 3rd QTR FY06**
- **Production Delivery: 4th QTR FY07**
- **LRIP Fielding: 2nd QTR FY07**
- **IOC: FY09 (1875)**
- **FOC: **FY11** (2018)**

Cost / Affordability

- **Authorization: INOD**
- **Unit Cost: \$8,000.**
- **BOI: 1875**

Small Arms Capability Gap Areas

Engage
Threat

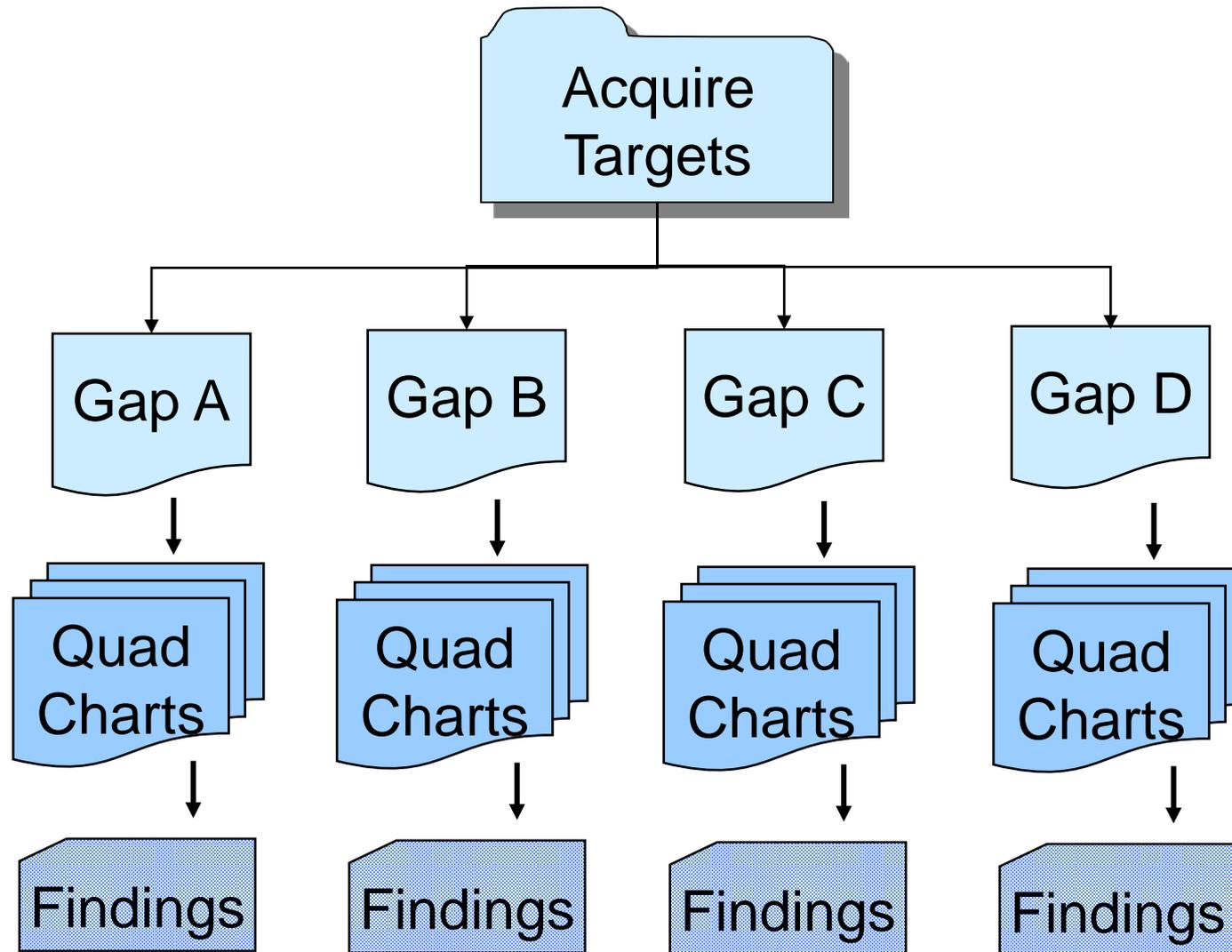
Acquire
Targets

Breach

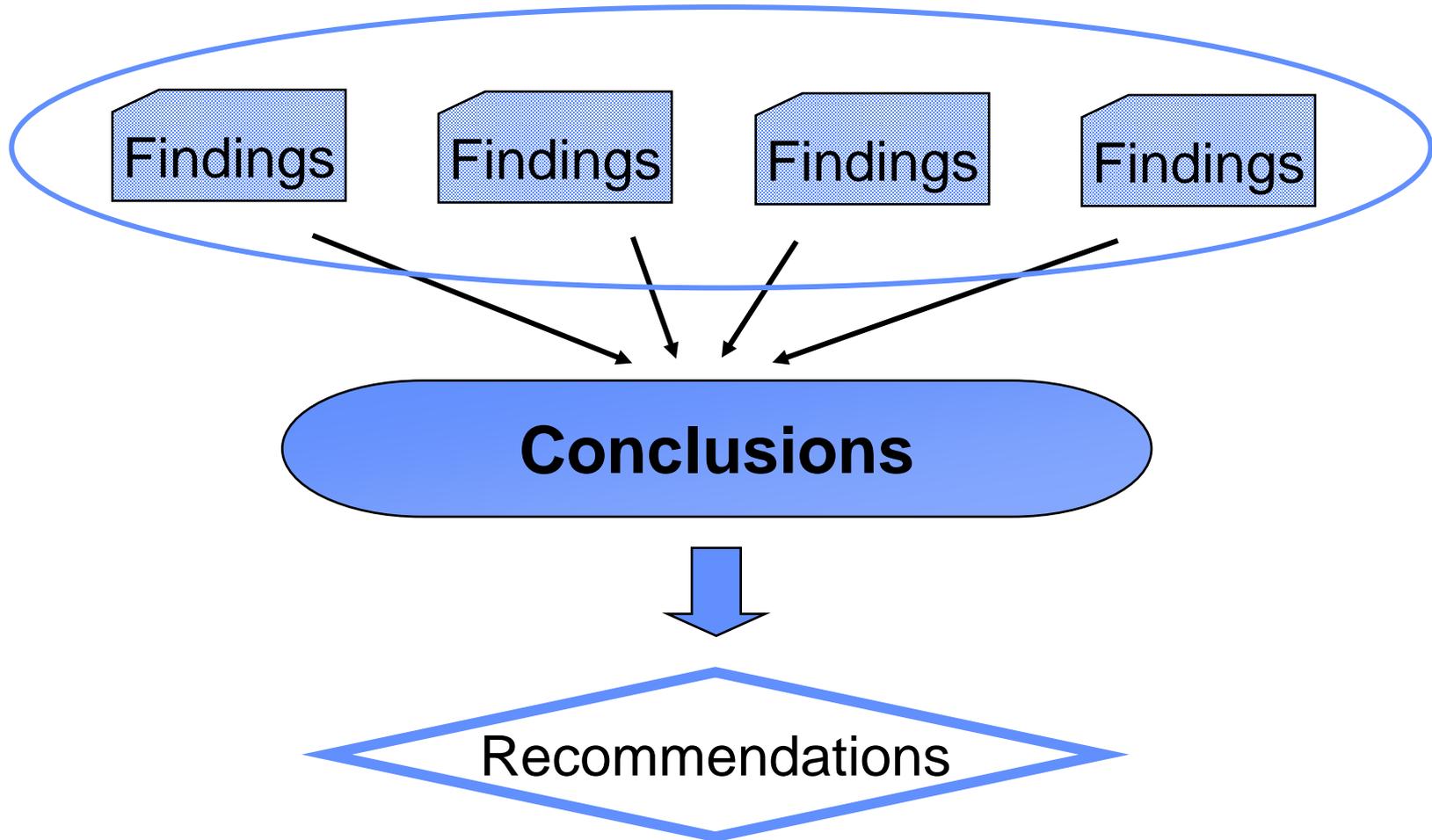
Avoid
Detection

Operate &
Maintain

JAT Analysis Process



JAT Analysis Process (cont.)



Small Arms JAT Conclusions – Themes

- **Measurable standards to support requirements definition**
- **Factors and challenges that impact system optimization and decisions regarding potential materiel and non-materiel solutions**
- **The impact of training on small arms effectiveness**
- **Availability of COTS/NDI materiel solutions**



Questions?