



**Project Manager**  
**Soldier Protection and Individual Equipment**

# **The Soldier**

*Our Strength and Purpose*

**Project Manager (PM)**  
**Soldier Protection and Individual Equipment (SPIE)**  
**Program Overview**

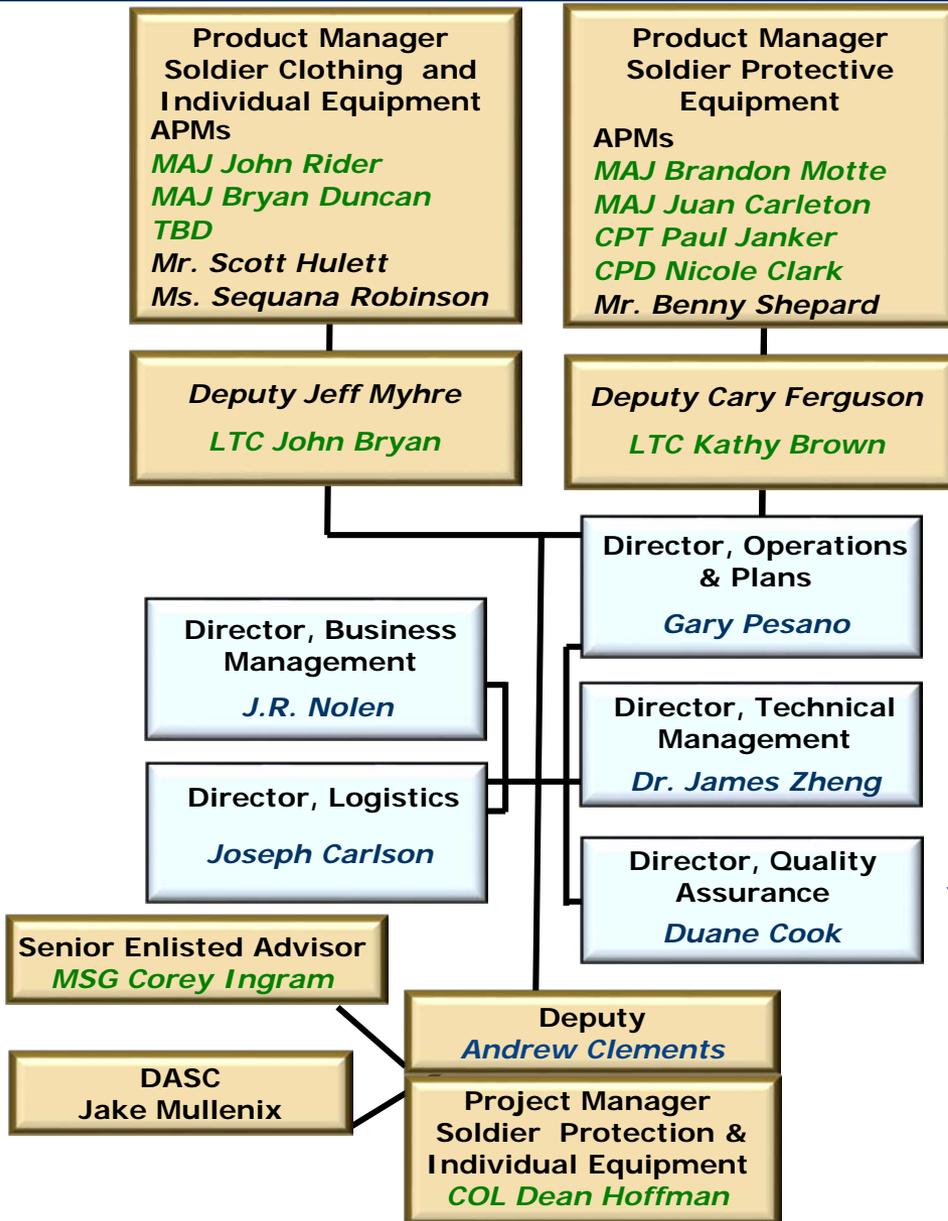
**To**  
**Joint Advanced Planning Brief for Industry**

**COL DEAN HOFFMAN**  
**Project Manager**  
**PM Soldier Protection & Individual Equipment**

20 October 2016



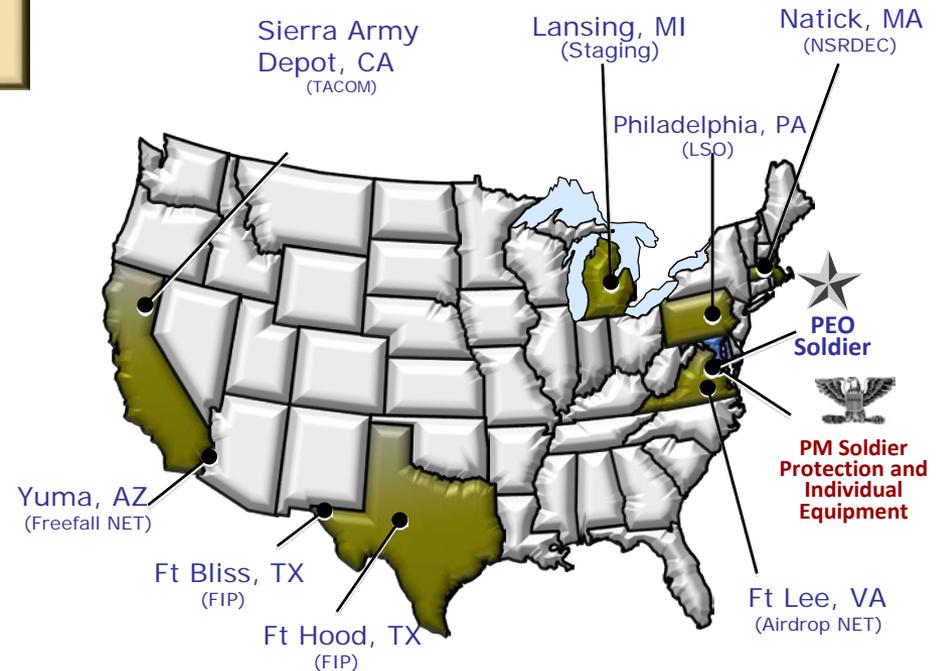
# PM SPIE Leadership Organization Chart



Fort Belvoir, VA

## PM SPIE Mission:

Equip, clothe and protect Soldiers to maximize their performance needed to win in a complex world.





# Current Budget Environment



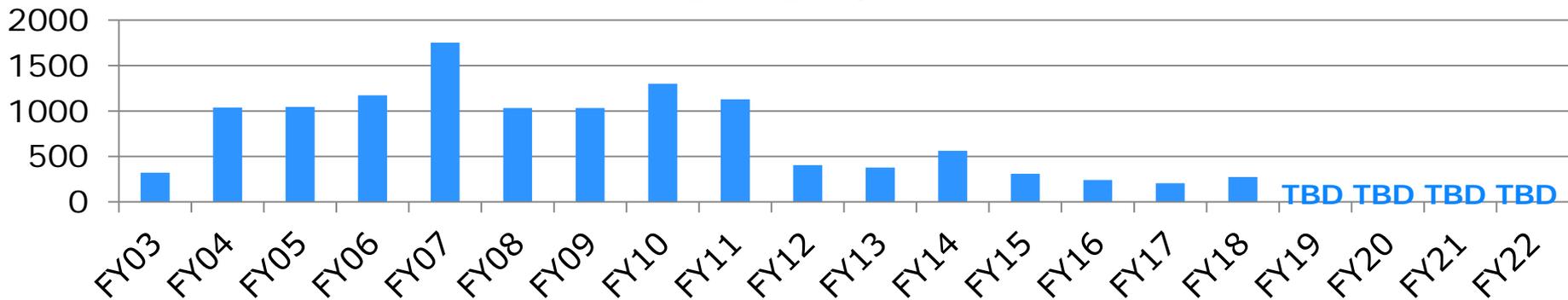
- RDTE stability driven by ability to obligate and disburse funding
- OCO funding driven by technology advancements / RFI list and number of deployers
- CFF (OMA) increasing as OCO decreases



# Operation and Maintenance –Army (OMA) Funding (\$M) \*

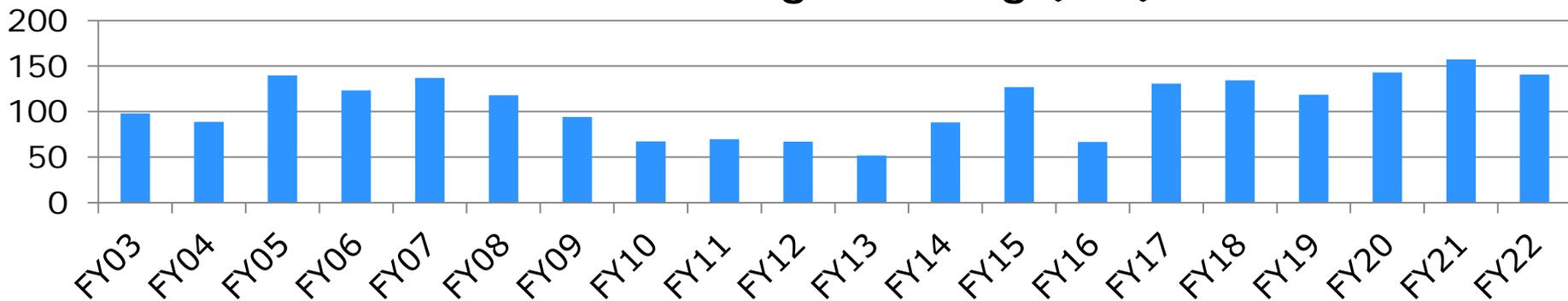


## Overseas Contingency Operations (OCO)



OCO Army Program Elements (APEs)  
121017000  
135197000

## Central Fielding & Funding (CFF)



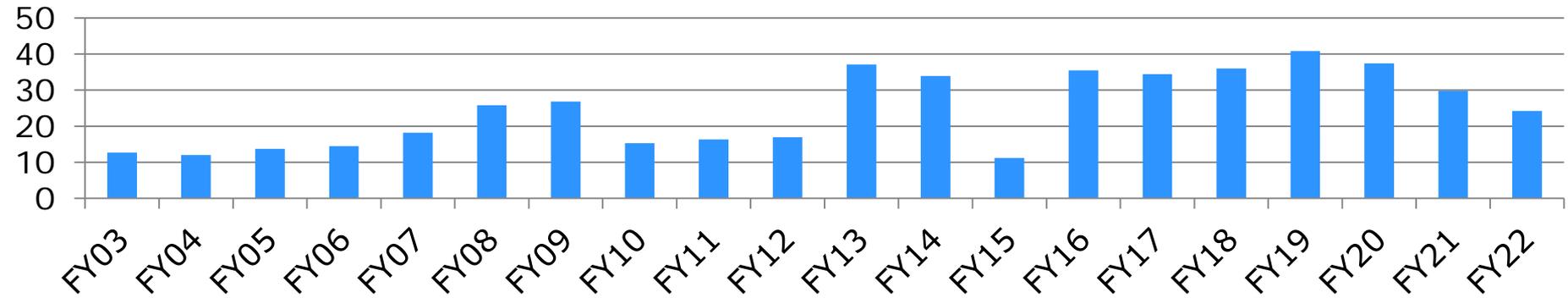
CFF APEs:  
115020000  
121017000

\* BESPOM 2.2 dated 21 September 2016



# RDT&E / OPA Funding (\$M) \*

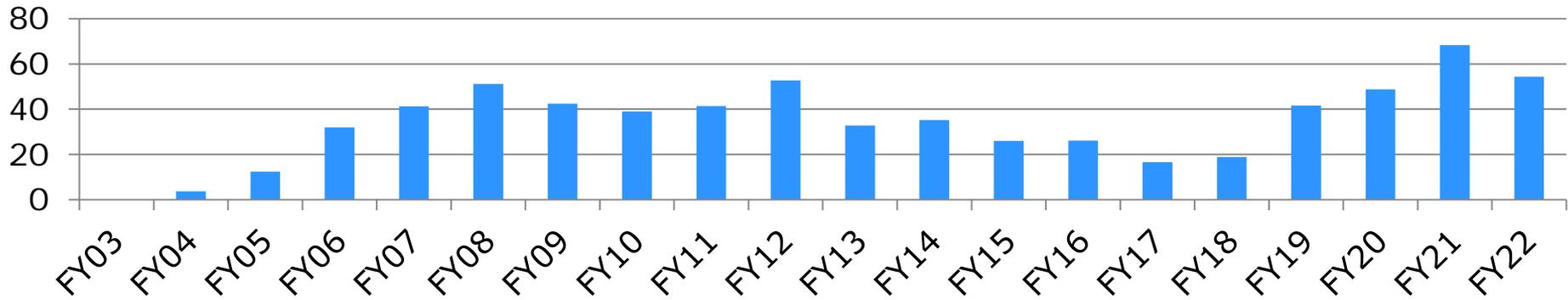
## RDT&E



### RDTE APes:

- OCIE - 643827S53, 654601S60
- Airdrop - 643827ET8, 654601ES9
- PPE - 643827VS4, 654601VS5
- NGABS - 654808016

## OPA



OPA APE:  
MA7801000

\*BESPOM 2.2 dated 21 September 2016



# PM Focus Areas



- Current Programs of Record
- Future Programs of Record
- Continued support of Soldiers deploying to global Operations through Rapid Fielding Initiative (RFI)
- Total Life Cycle Management
  - OCIE Fleet Management
  - Divestiture
  - S&T Communication and Considerations
- Focus of the Future



# Current Programs of Record (SPE)



## ■ Soldier Protection System – Path Forward

- Torso and Extremity Protection
  - Achieved Full Rate Production (FRP) Decision 4QFY16
  - Procure to Army Procurement Objective (APO) of 157,610



- Integrated Head Protection System
  - Achieved Low Rate Initial Production (LRIP) Decision 4QFY16
  - Anticipate Full Rate Production Decision 4FY17 and follow-on procurements APO quantity of 139,590





# Current Programs of Record (SPE)



- Soldier Protection System – Path Forward
  - Vital Torso Protection
    - Anticipate Full Rate Production Decision in FY 17 with follow-on procurement to APO quantity of 143,178 sets
  - Integrated Soldier Sensor System
    - In Development; anticipate Low Rate Initial Production Decision in FY 18; production quantities to be determined
- Bomb Suit Capability
  - Advanced Bomb Suit Improvements
    - Procure 153





# Future Programs of Record (SPE)



- Next Generation Advanced Bomb Suits (NGABS)
  - Next Generation Advanced Bomb Suit (NGABS)
    - Anticipate MS-B decision FY 18
    - APO anticipated to be approximately 812



# Current Programs of Record (SCIE)



- Flame Resistant Environmental Ensemble

- Quantities required to reach APO: 27,248



- Army Combat Glove

- Quantities required to reach APO: 108,679





# Current Programs of Record (SCIE)



- Multi-Purpose Hydration System
  - Quantities required to reach APO: 78,644
  - APO may be increased



- Individual Water Treatment Device
  - Anticipate FRP decision in FY 17
  - Estimated APO: 49,226



# Future Programs of Record (SCIE)



- Environmental Protection System
  - Jungle Combat Boot
    - Anticipate FRP decision in FY 19
    - Estimated APO: 344,839
  - Jungle Combat Clothing Ensemble
    - Anticipate FRP decision in FY 19
    - Estimated APO: 689,678
  - Extreme Cold Weather Boot
    - Anticipate FRP decision in FY 19
    - Estimated APO: 35,388
  - Cold Weather Boot
    - Anticipate FRP decision in FY 19
    - Estimated APO: 61,928
  - Modular Glove System
    - Anticipate FRP decision in FY 20
    - Estimated APO: 61,928



# Future Programs of Record (SCIE)



- Environmental Protection System (cont)
  - CW Glove
    - Anticipate FRP decision in FY 20
    - Estimated APO: 61,928
  - Parachutist's Environmental Kit
    - Anticipate FRP decision in FY 20
    - Estimated APO: 6,920
  - Environmental Protection Clothing
    - Anticipate FRP decision in FY 21
    - Estimated APO: 176,938
- Athletic Shoe
  - Multi-Service
  - Anticipate annual procurement of up to 225,000



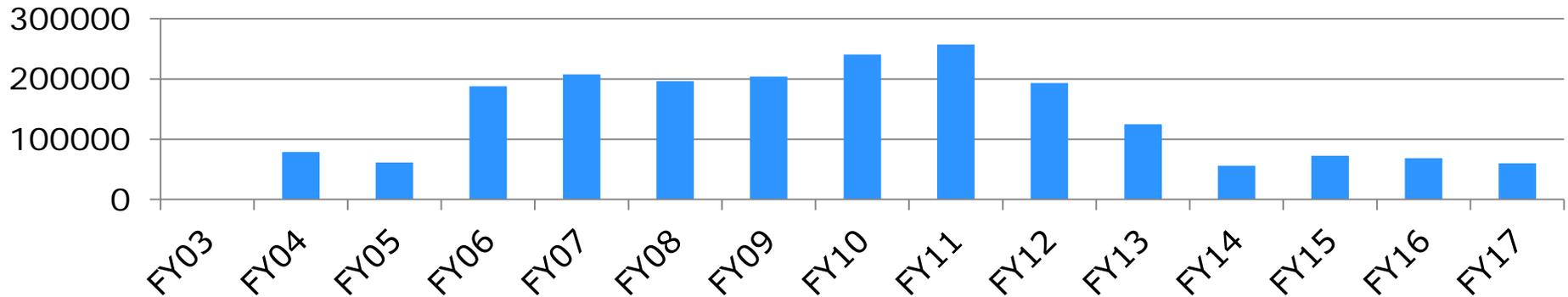
# Rapid Fielding Initiative



## RFI List updated, validated and resourced annually

- Latest technology considered for addition to list when FRP decision is achieved and contracts in place

**Soldiers issued RFI**



### *RFI – Future Years*

RFI team plans for 60K deployers each year. Will not be required to procure all new equipment. Some equipment is refurbished, high stockage levels of some equipment. RFI team will buy to need.



# Total Life Cycle Management



## Definitions:

- OCIE Fleet Management: The ability to effectively track and manage OCIE stockage levels to allow informed decision-making by leaders to provide the best equipment for Soldiers while ensuring best value to the Government RFI planning factors: 60K deployers annually
  
- Divestiture: The timely reduction of OCIE assets to allow for continuous technology refreshment through:
  - Consumption
  - Foreign Military Sales
  - DRMO (Defense Reutilization and Marketing Office)
  - Special Dispensation Instructions
  - Other Services (DOD, Department of Homeland Security, etc.)

### Organizational Clothing and Individual Equipment

Defined as items issued to enlisted and officer personnel in accordance with CTA 50-900, CTA 50-909 or CTA 50-970. These items are usually issued from central issue facilities (CIFs) and remain the property of the US Army. These items include but are not restricted to, ballistic protection; personal clothing and equipment; tactical/environmental clothing; nuclear, biological, and chemical clothing and equipment; and individual Soldier/Unit equipment (ex: MOLLE, IOTV)

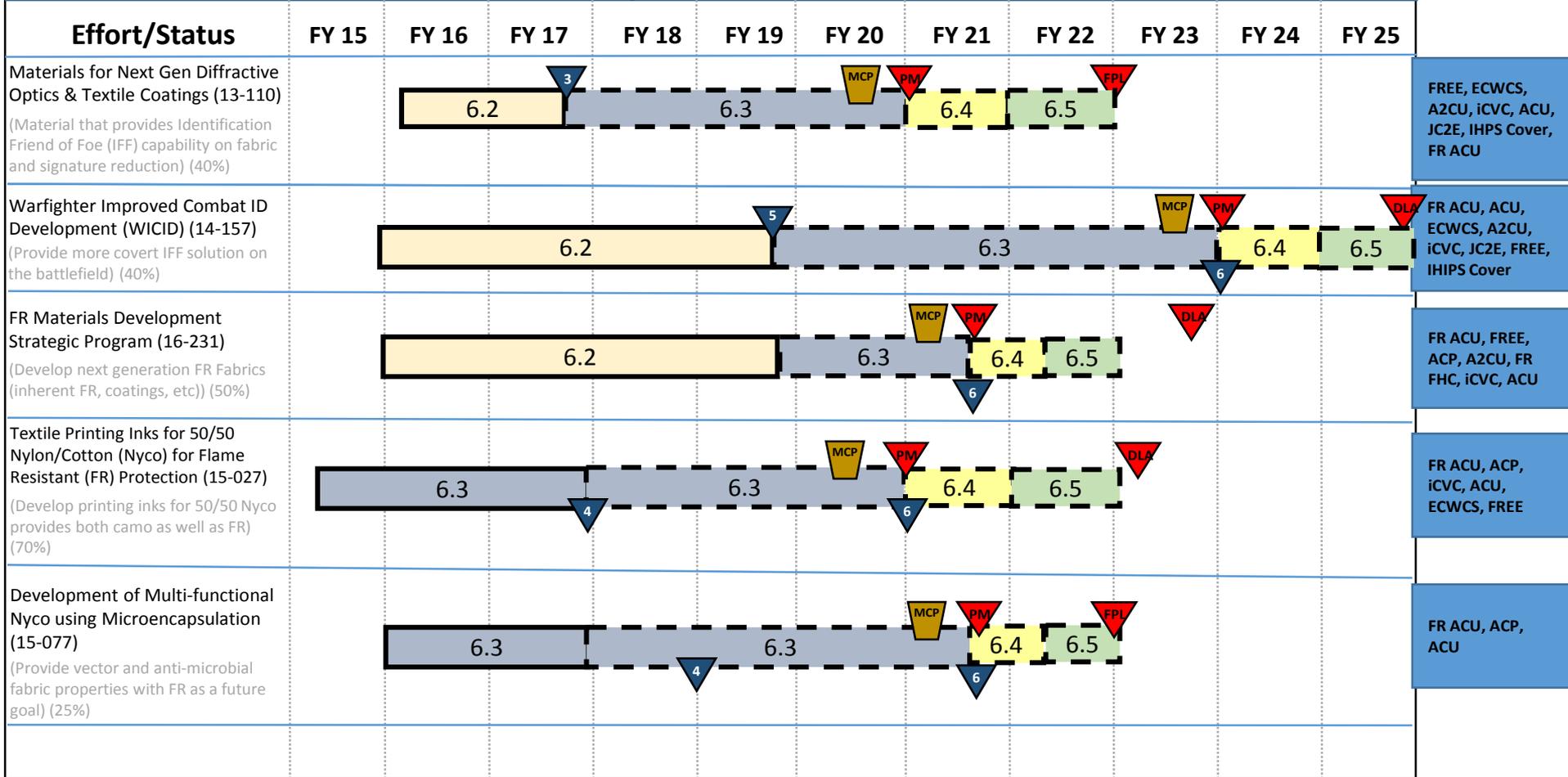


# Total Life Cycle Management



- Working closely with S&T partners to manage timely technology insertions
  
- Examples of current S&T focus for SPIE end items
  - Improved Fabrics (IFF, FR, vector protection, anti-microbial properties, thermal capability, environmental capability, etc.)
  - Improved ballistic protection and lighter weight
  - Transitional eyewear, laser eye protection
  - Water filtration to remove TICs/TIMs
  - Parachute Improvements
    - High Glide Canopies; signature management
    - Reduced weight static line canopy release assembly
    - Static Line Automatic Activation Device
    - Smart Universal Snaphook
    - Next Generation O2

# Army Combat Shirt

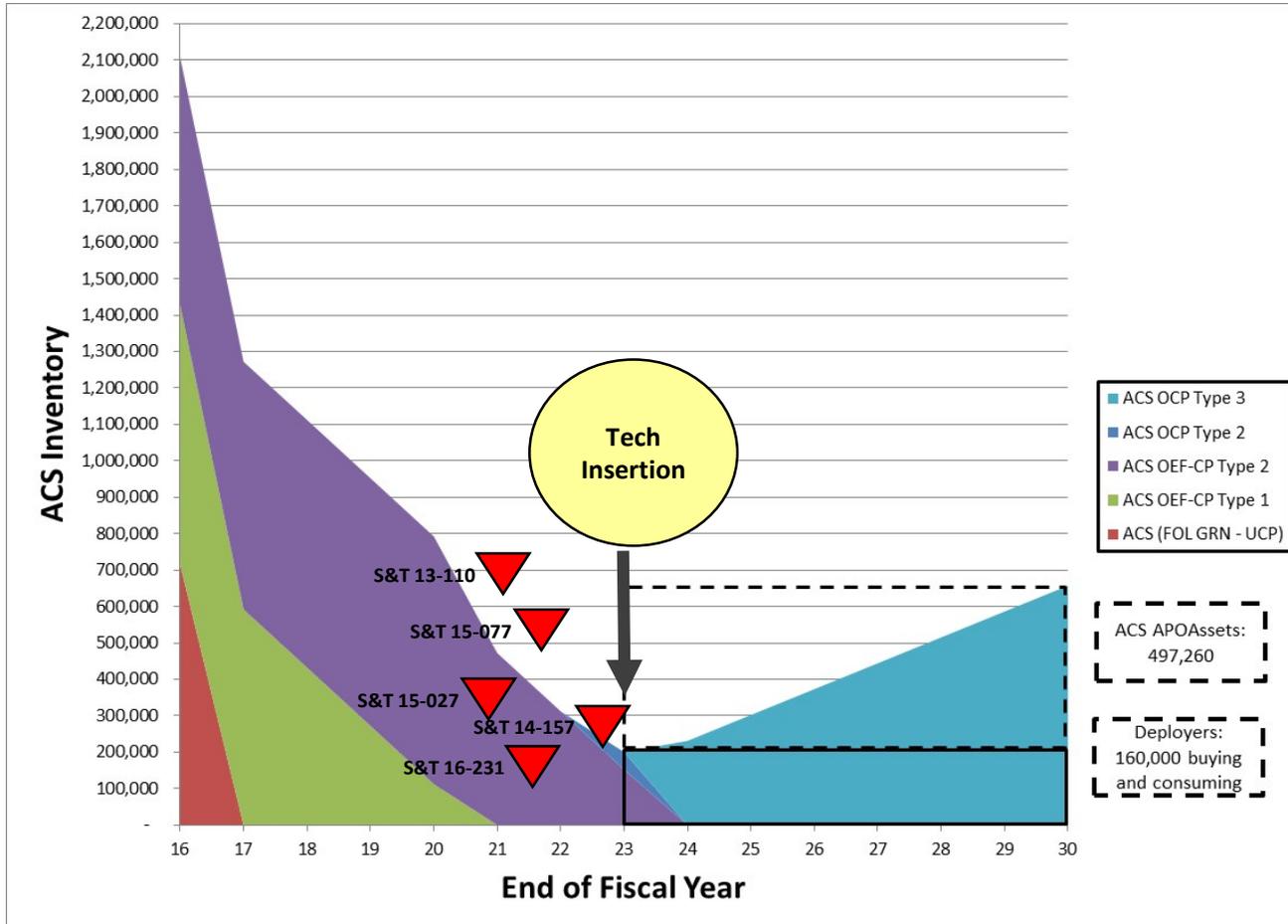


**Acquisition Phase: P&D**  
**BOI: 4 per deployer**  
**Unit Cost: \$98**  
**APO: 497,260**  
**APUC: \$111(T)**

**Fleet: Combat Clothing**

- = Funding
- = Transition Event
- = TRL
- = Requirement Start/Status
- = Milestone
- = Contract Award
- = Fielding
- = Stock Assessment
- = Opportunity

# Army Combat Shirt



Acquisition Phase: P&D  
 BOI: 4 per deployer  
 Unit Cost: \$98

APO: 497,260  
 APUC: \$111(T)

**Fleet: Combat Clothing**



# Focus of the Future



- Soldier Load
- System Integration
- Divestiture