

# Product Manager Medium Caliber

## NDIA Small Arms Systems Symposium



**DISTRIBUTION STATEMENT A:**  
Approved for Public Release; distribution  
is unlimited.



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Medium Caliber Ammunition**





# Agenda



- **40mm Family**
- **Funded Efforts**
- **Emerging Requirements**
- **Wants/ Ideas**



# 40mm Family

High Velocity



M430A1 M918A1 M385A1

Low Velocity

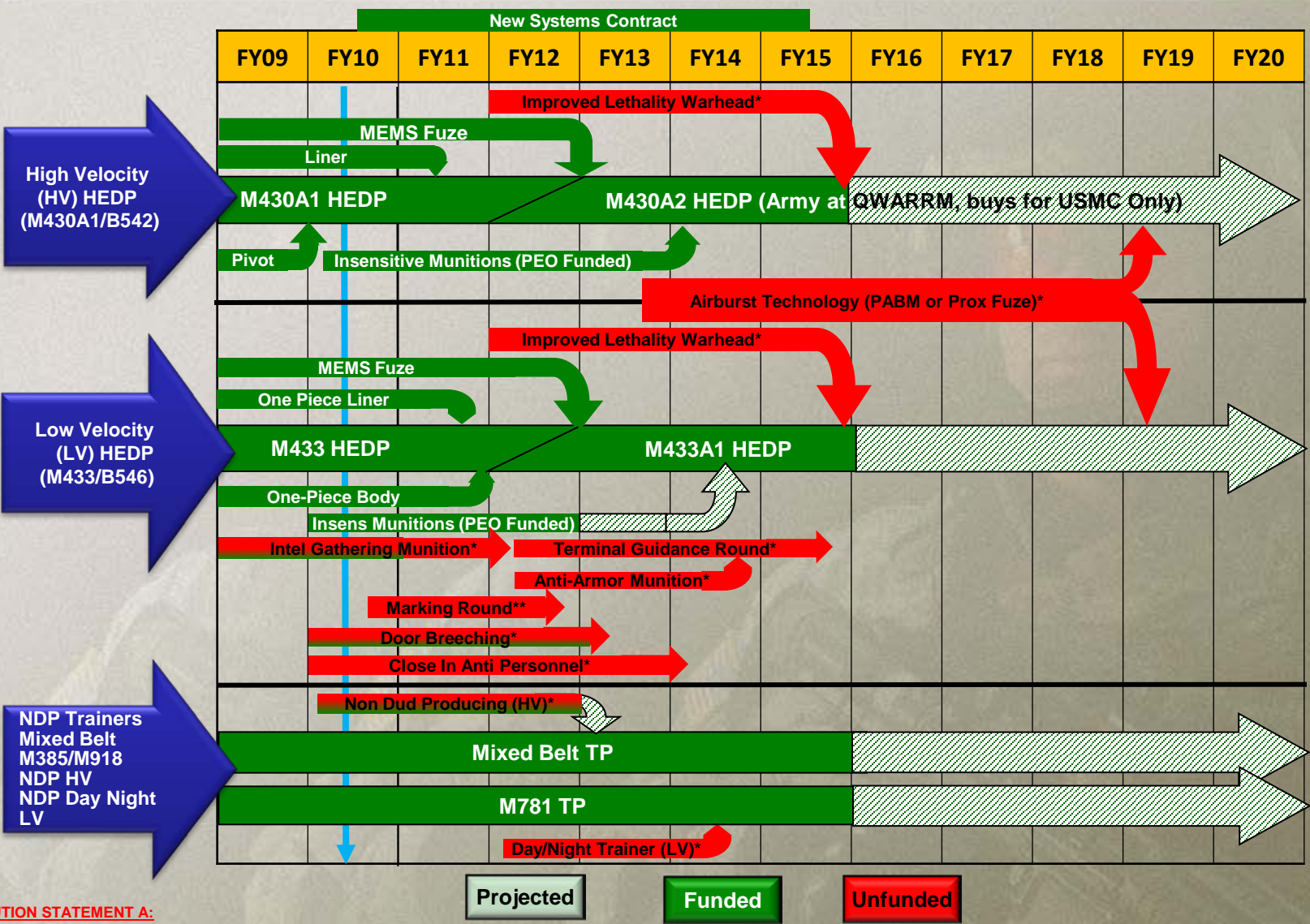


M781 M433 M583A1 M585 M661 M662 M992





# 2010: 40mm Grenades Roadmap



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\* Requirement Pending from USAIC, source: SAB 1-N List, Published 08 March 2010



# 40mm Grenades: Funded Production/ NRE



## M430

- One Piece Liner
- Pivot Coupling

## Mixed Belt (M385/M918)

## M433

- One Piece Liner

## Illumination Family

- M992 IR Illum Round

## M781



# 40mm Grenades: RDT&E



- **MEMS Fuze**
- **Door Breaching**
- **Intel Gathering**
- **Non-Dud Producing**
  - NDP, of course
  - Day/ Night/ NVD/ Thermal Signature
  - Platform compatibility
  - Ballistic Similitude
  - Fire Safety



# 40mm Grenades: Anticipated Requirements



- **High Velocity**
  - Non-Dud Producing Training Munition
- **Low Velocity**
  - Non Dud-Producing Training Munition



# 40mm Grenades: Wants/ Ideas



## High Velocity

- Programmable Airburst
- Prox Fuze
- 1** ▪ **Improved Lethality**
- Terminal Guidance Round
- Marking Round
- Anti Armor

## Low Velocity

- Programmable Airburst
- Prox Fuze
- 2** ▪ **Improved Lethality**
- 3** ▪ **Terminal Guidance Round**
- Marking Round
- 5** ▪ **Anti Armor**
- 4** ▪ **Intel Gathering**
- Close-In Anti-Personnel





# NDP Round Road Ahead



- **Staff CDD (HV) and CPD (LV)**
- **Complete Market Survey (Check FEDBIZOPS)**
- **Draft Acquisition Strategy**
  - Looking at NDI solution, with a shoot-off to down select
- **Develop Detailed Schedule**