

PM CAS Update



Presented by: COLONEL Ole Knudson

Project Manager for

Combat Ammunition Systems

973 724-2003, ole.knudson@us.army.mil



PM CAS Update



- Focused on meeting Warfighter needs
 - ✓ Precision Capabilities (Artillery & Mortars)
 - ✓ Meeting readiness requirements – both operational & training
 - ✓ Improving conventional ammo capabilities
- Relatively large artillery and mortar force structure, and FMS
- Implementing IDIQ contracting approaches
 - ✓ Increased responsiveness to meeting requirements
 - ✓ Maintain competition among qualified suppliers
- Continuing to seek very affordable precision approaches
 - ✓ “How much precision can we afford?”
 - ✓ Potential for a common guidance and control module (CGCM) ATO in FY10-11



Mortar Ammo

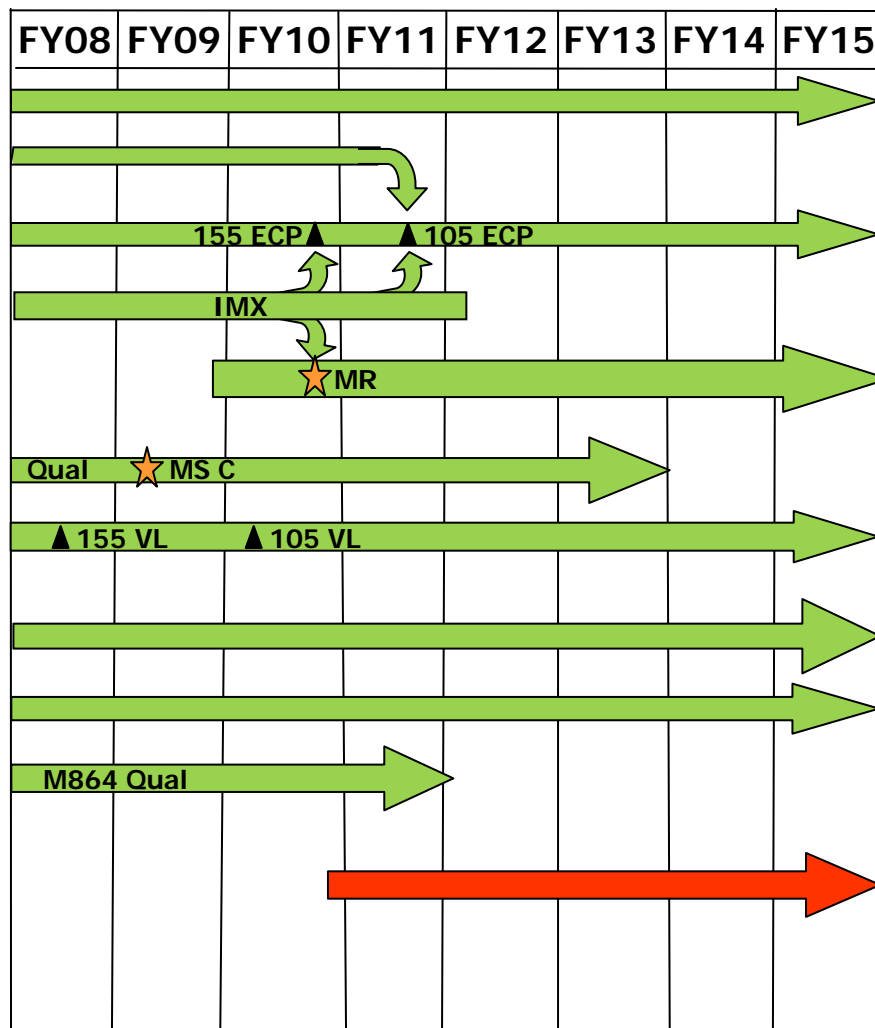
	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15
60mm								
M720A1/M768 (HE)					ECP ▲ IMX			
M722A1 (Smoke)	[Green Arrow]							
M721 & M767 (Illum-VL&IR)	[Green Arrow]							
M769 (Practice)	[Green Arrow]							
MAPAM & MAPAM-E (USMC Only)	ECP ▲							
81mm								
M821A2/M889A2 (HE)	ECP ▲			IMX				
M819 (RP Smoke)						[Green Arrow]		
M853A1/M816 (Illum-VL&IR)	[Green Arrow]							
M879 (Practice)	[Green Arrow]							
120mm								
M8934A1/M933A1 (HE)	ECP ▲			IMX				
M930 & M983 (Illum-VL&IR)	[Green Arrow]							
M929 (Smoke)	[Green Arrow]							
M931 (Practice)	[Green Arrow]							

- Buys of all types of Mortar Ammo planned
- Potential significant for FMS – Afghanistan, Iraq and others
- 60mm MAPAM is currently only USMC
- Planning to implement Comp B replacement with an IMX version

Funded Unfunded



Artillery Ammo



- Somewhat reduced buys of Artillery Ammo
 - Less training usage than expected
 - Relatively large Army stocks of some items
 - Maintaining IB strategic capabilities
- TNT replacement with IMX planned in FY10
- Implementation of new capabilities
 - 105mm & 155mm VL Illum
 - Reuse of M483s shell bodies for training
 - 105mm Pff
 - 105mm hybrid propellant
 - Potentially, SDF for DPICM

Funded
Unfunded



Artillery and Mortar Fuzes

Artillery Fuze

M782 (MOFA)

M762A1

M739A1

MEMS/Multi-point Initiation
Prox Fuzing and Power
(Thermal Battery/ Hybrid
Energy)

Multiple Frequency HOB

Mortar Fuze

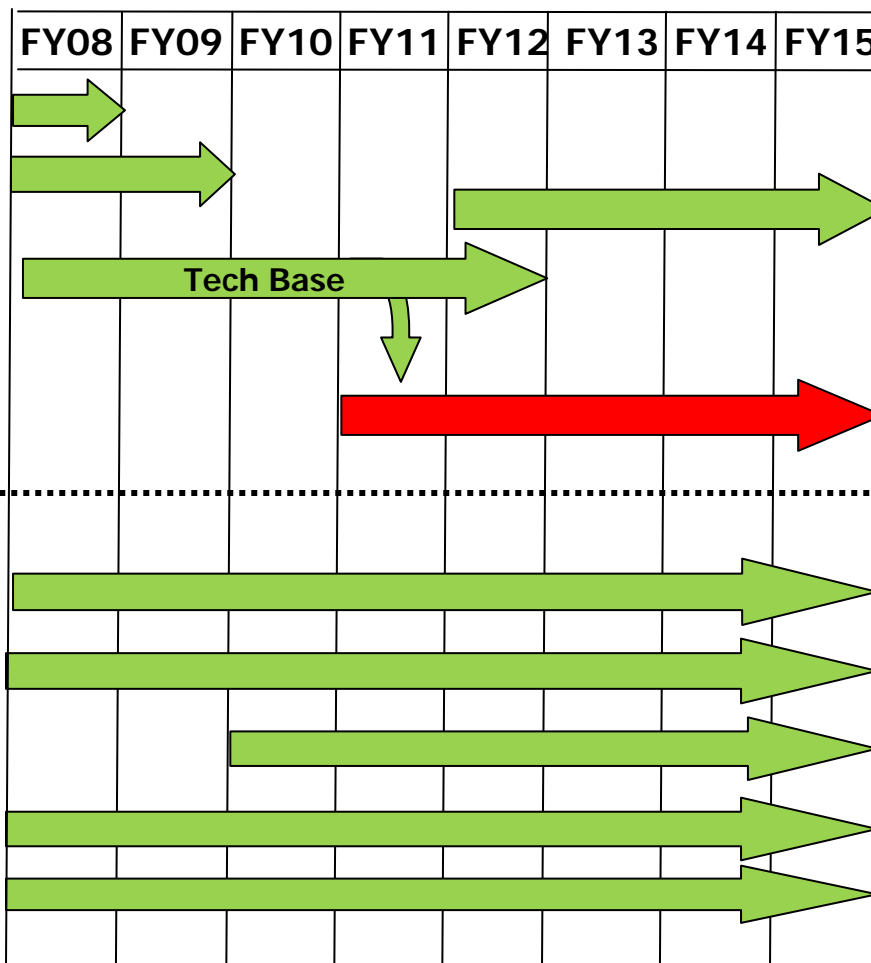
M734A1

M783

ETFM XM784/785

M772/M776

Practice Fuzes



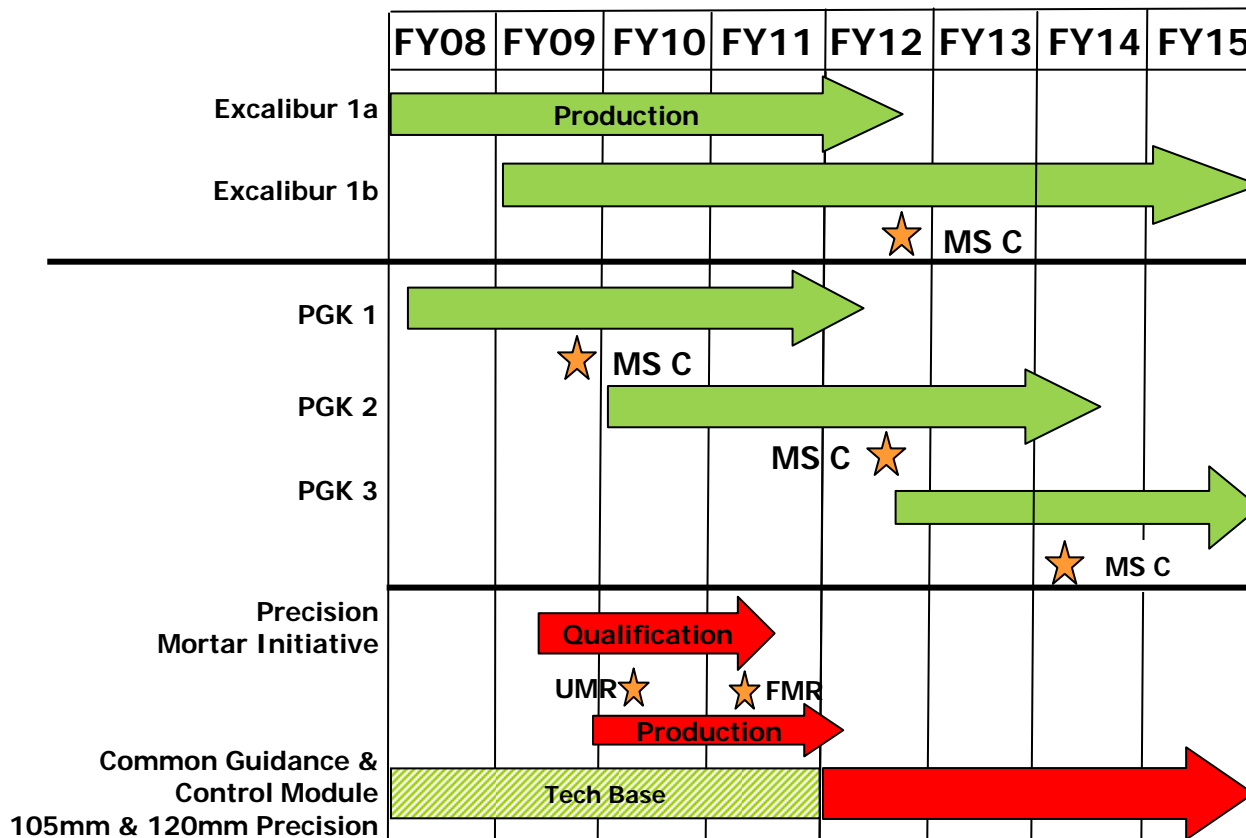
- Large Qtys of Mortar Fuzes
 - Implementation of ETFM planned in FY10
 - Reduced Qtys of Artillery fuzes
- Less training usage than expected
 - Relatively large stocks

Funded

Unfunded



Precision Ammo



- Excaltibur 1b with competitive shoot-off in FY10
- Implementing incremental approach for PGK
 - PGK-1 - 155mm HE IOC in FY10
 - PGK-2 - 105mm HE Initiation in FY10
- Accelerated Precision Mortar Initiative
 - Working towards early 2010 IOC to meet recent ONS
- 105mm Artillery PGM
 - Potential FY12 Initiation
 - Potential maturation in FY10-11 under CGCM ATO

Funded	Partially Funded
Unfunded	