



Project Manager Soldier Weapons

The Soldier

Our Strength and Purpose

PM Crew Served Weapons LTC Paul E. Alessio



14 May 2014



Product Manager Crew Served Weapons



Current



M24
Mini
Binocular



M25
Stabilized
Binocular



M145
Machine Gun
Optic



M249
Squad Automatic
Weapon (SAW)
5.56mm



M240B
Medium
Machine Gun
7.62mm



M240H
Medium
Machine Gun



M240L
Medium
Machine Gun
7.62mm



MK19
Grenade
Machine Gun
40mm



M2
.50 Caliber
Machine Gun



M2A1
.50 Caliber
Machine Gun



M153
Common Remotely
Operated Weapon
Station (CROWS)



M192
Lightweight
Tripod



M205
Lightweight
Tripod

Product Improvement



M25E1

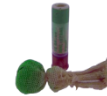
Near Term



CROWS Low Profile



XM1112
40mm Airburst
NLM (ANLM)



XM1116
12 Gauge
Extended Range
NL Cartridge

Future

Caliber and Configuration Studies Feed Common
Caliber Crew Served Weapon and Lightweight
Medium Machine Gun

Common Caliber Crew Served Weapon



Lightweight Machine Gun – Medium

Externally Powered Weapon

Lightweight Machine Gun – Heavy

Mounted Machine Gun Optic

As of: 7 May 14

“Provide premier Soldier weapons systems enabling battlefield dominance”



PM CSW Path Forward



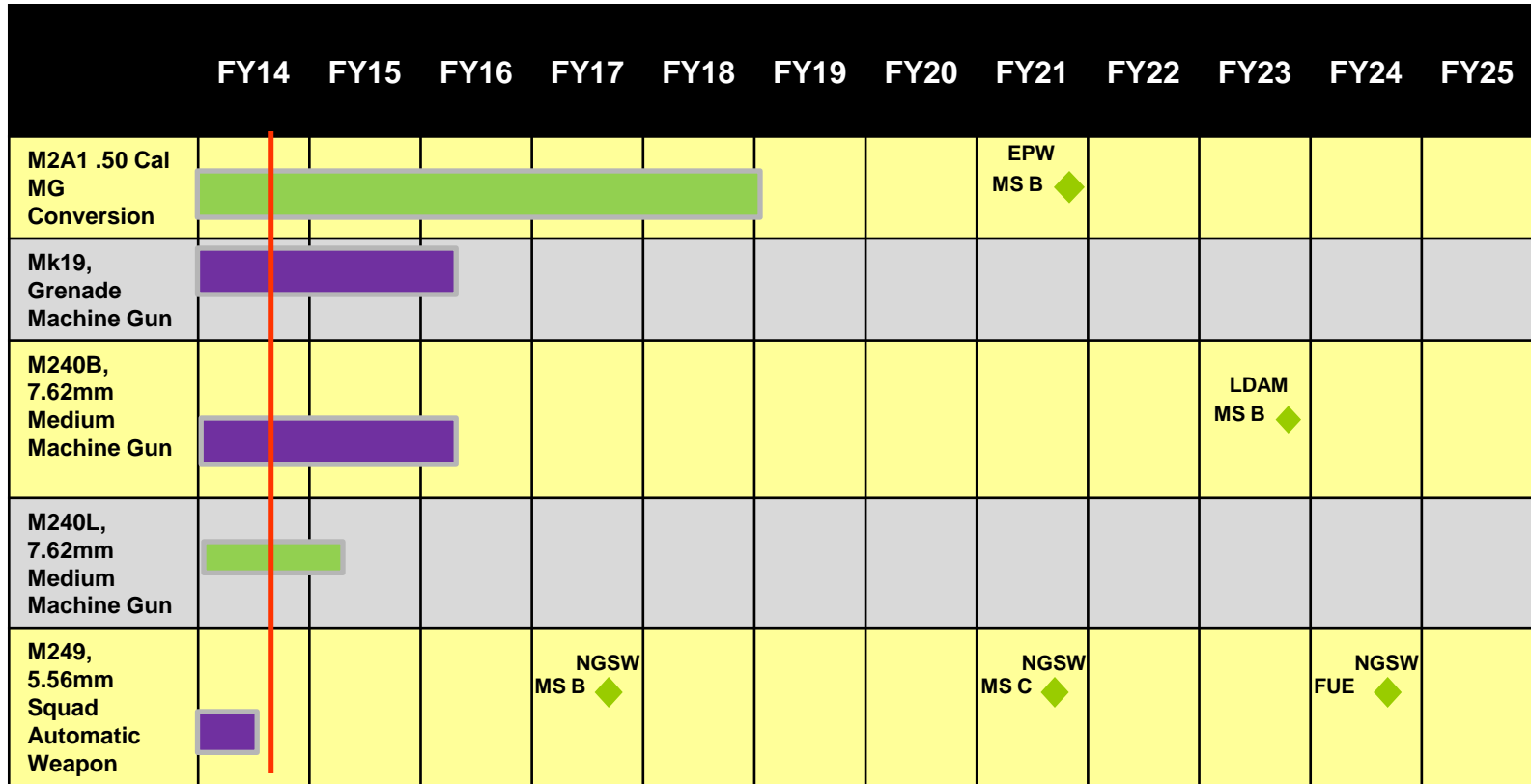
- Near Term:
 - Continue to increase capability by introducing product improvements including advanced enablers (i.e., optics), lightweight materials, and ammunition improvements to legacy weapons.
 - Continue efforts to inform new requirements.
 - Support configuration study to establish better requirements reducing user error budget (Fire Control, Optics, Stabilized Mounts etc).
- Mid Term:
 - Integrate technology advances from S&T programs into current and next generation small arms systems.
 - Track and leverage S&T projects for solutions that meet Volume Effects gaps.
- Far Term:
 - Apply emerging (“revolutionary”) technologies to the design /development of totally new types of weapons including command/self guided systems and directed energy solutions if soldier portable.




Back up Slide



PM CSW Integrated Program Timeline



 Army Production

 Production for FMS/Other Services

EPW – Externally Powered Machine Gun
 LDAM – Lightweight Dismounted Automatic Machine Gun
 NGSW – Next Generation Squad Weapon