



USMC Infantry Weapons Requirements Brief

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Up Front Thoughts

- **Funding will continue to be constrained**
 - Limits ability to implement new systems / upgrades
 - Current weapons in inventory through 2030
- **Structure will decrease**
 - Provides some flexibility to redistribute best capabilities across the force
 - Fight to retain excess assets for sustainment and future structure growth
- **Next generation of small arms and optics**
 - Now is the time to shape the requirements for the next generation of small arms and optics via the Joint community



Weapons Strategy

- **Maintain current capabilities**
 - Implement improvements (accuracy, lethality, ergonomics and weight reduction) when technology and funding will allow to keep small arms relevant
- **Improvements will be implemented on a much smaller scale, starting with the infantry and expanding to other combat arms when feasible**
- **Future weapons will be pursued via Joint efforts whenever possible**
 - Fiscal constraints limit new initiatives until the 20's



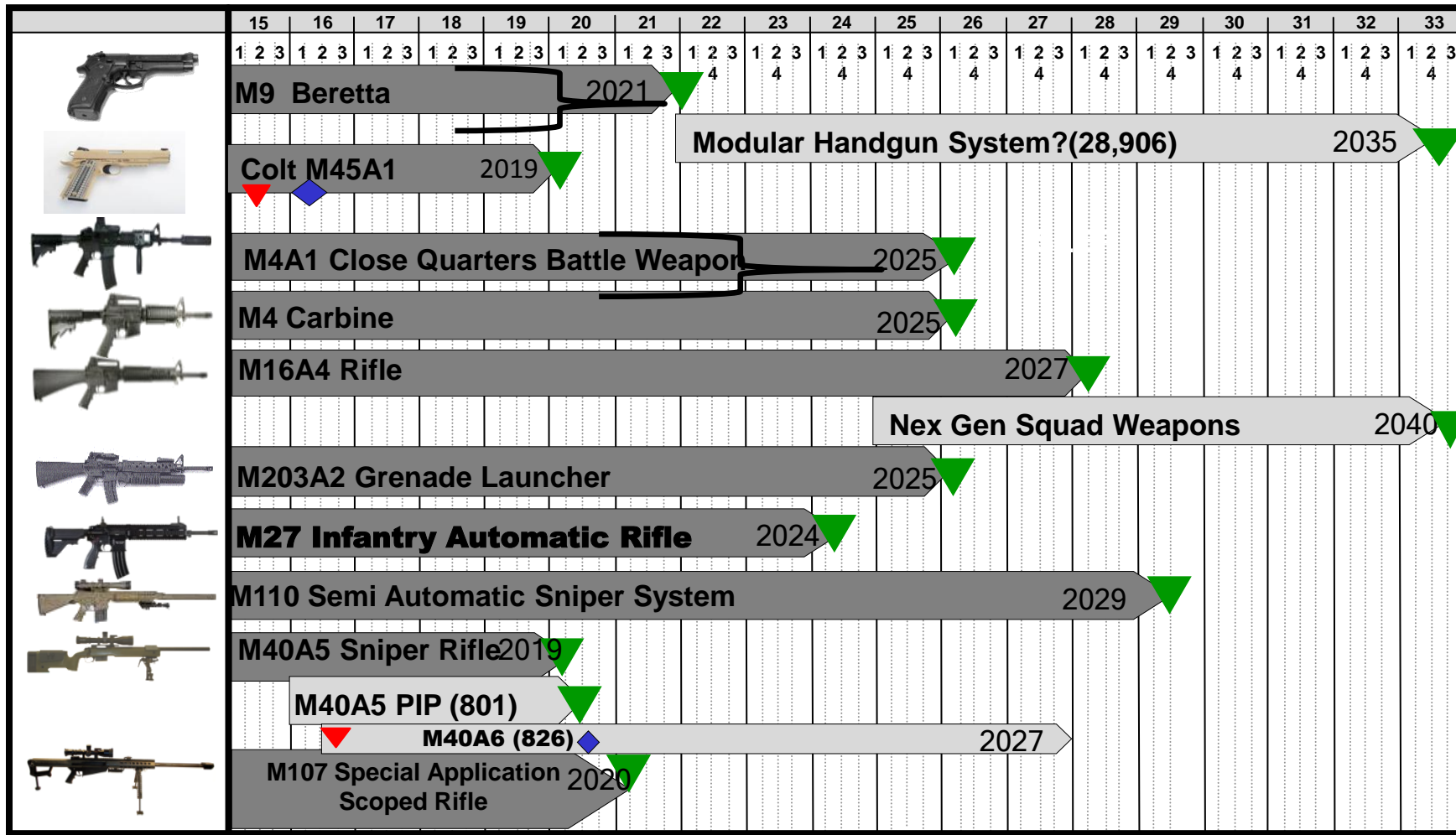


Weapons Strategy

- **Next generation of small arms**
 - Small Arms Ammunition Configuration Study
 - o The Marine Corps is an active participant in the study by Army invitation
 - o SAAC is being conducted by the Army to provide courses of action for ammo configurations that will meet our small arms gaps in conjunction with the next generation of squad weapons.
 - USMC participating in US Army requirements development:
 - o CDD for the Next Generation Automatic Rifle is currently in draft and entering Army Staffing
 - o CDD for Next Generation Fire Control is being drafted
 - o CDDs for the Next Generation Individual Carbine and Designated Marksman Weapon are planned



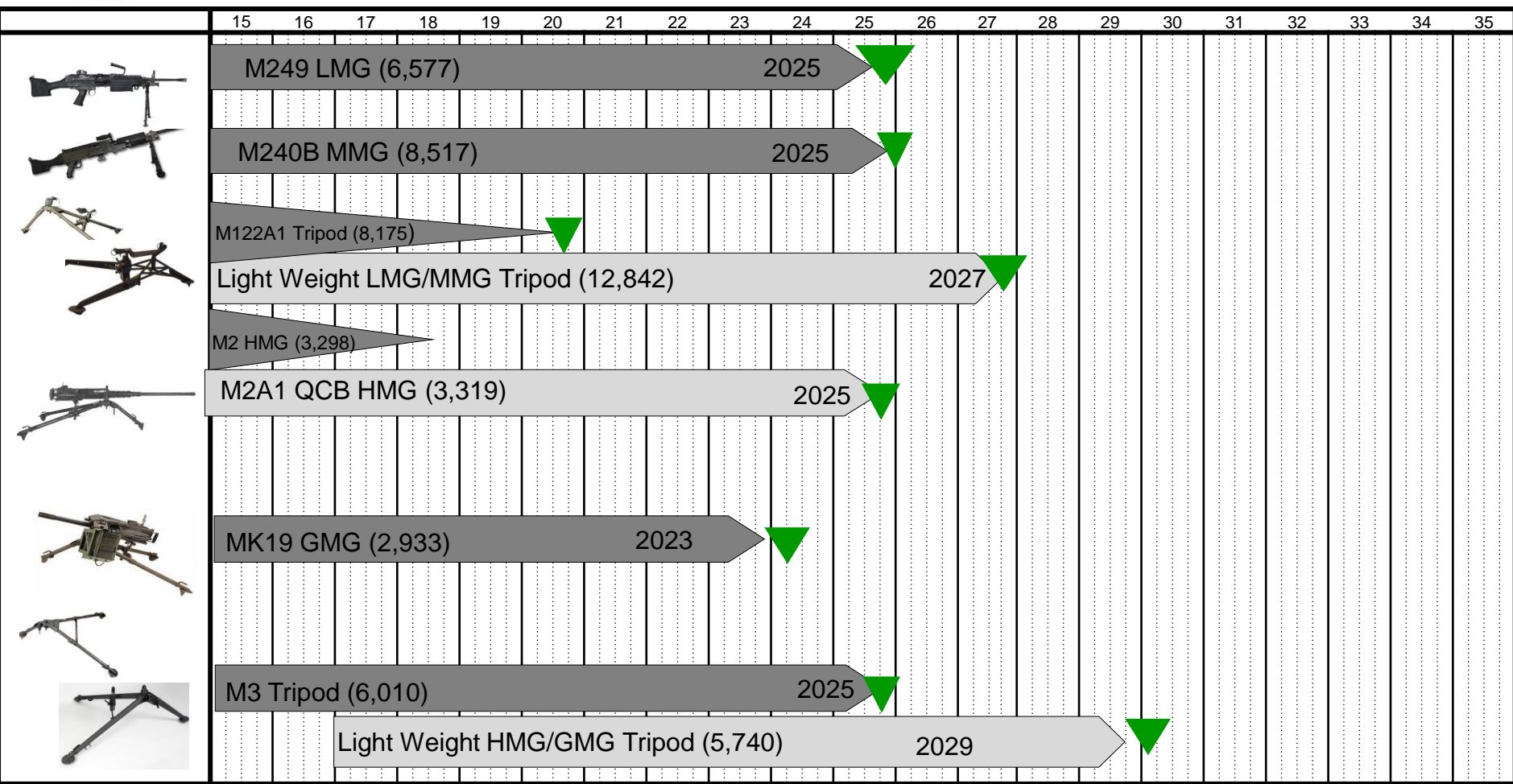
Infantry Weapons Capability Road Map



= Initial Operating Capability
 = Full Operating Capability
 = Item Exit Date



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Future Requirements

- **Next Generation of Squad Weapons (mid to late 20's)**
 - Automatic Rifle, Individual (Carbine), Designated Marksman
 - Joint requirements development ongoing (Army lead)
 - Government S&T efforts currently working to mature enabling capabilities (see below)
 - Holistic approach to integrating technological and material advancements for small arms to improve accuracy and increase lethality out to 600m (based on Small Arms CBA)
 - o Optics, fire control, power, and enablers integrated into a single system
 - o Optimized ammunition configuration
 - o Recoil management
 - o Neutral/improved effects on mobility (reduced weight and size) as measured by the Load Effects Assessment Program (LEAP)
 - o Signature suppression (audible and visible)
 - o Data exchange (tagging, IFF, fire direction, fire control)
 - o Shot counter



Modular Handgun System

- US Army led Modular Handgun System Program is a competitive acquisition process seeking a modular Commercial-Off-The-Shelf (COTS)/Non-Developmental Item (NDI) solution. Objective: To provide the Warfighter a best value Modular Handgun System that features increased accuracy, improved ergonomics, and a higher degree of reliability/durability over legacy systems.
- USMC is participating in MHS Source Selection to inform a follow-on life cycle decision to replace our current service pistols in the early 2020's



QUESTIONS?