



NAVY SMALL ARMS



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Navy Small Arms Program Overview

- Full life cycle support for the Navy's small arms
 - Engineering
 - Acquisition
 - Maintenance
 - Weapons distribution
 - Weapons Tracking
 - Acquisition and acquisition support are provided for all small arms, mounts and related equipment
 - **Majority of acquisitions are from Army or direct from OEM**
 - **Occasional modifications to in-service weapons/mounts**
 - **1,223 worldwide activities**
 - **Over 422,000 weapons**







Navy Small Arms Program

Road Map



Small Arms Modernization Way Ahead

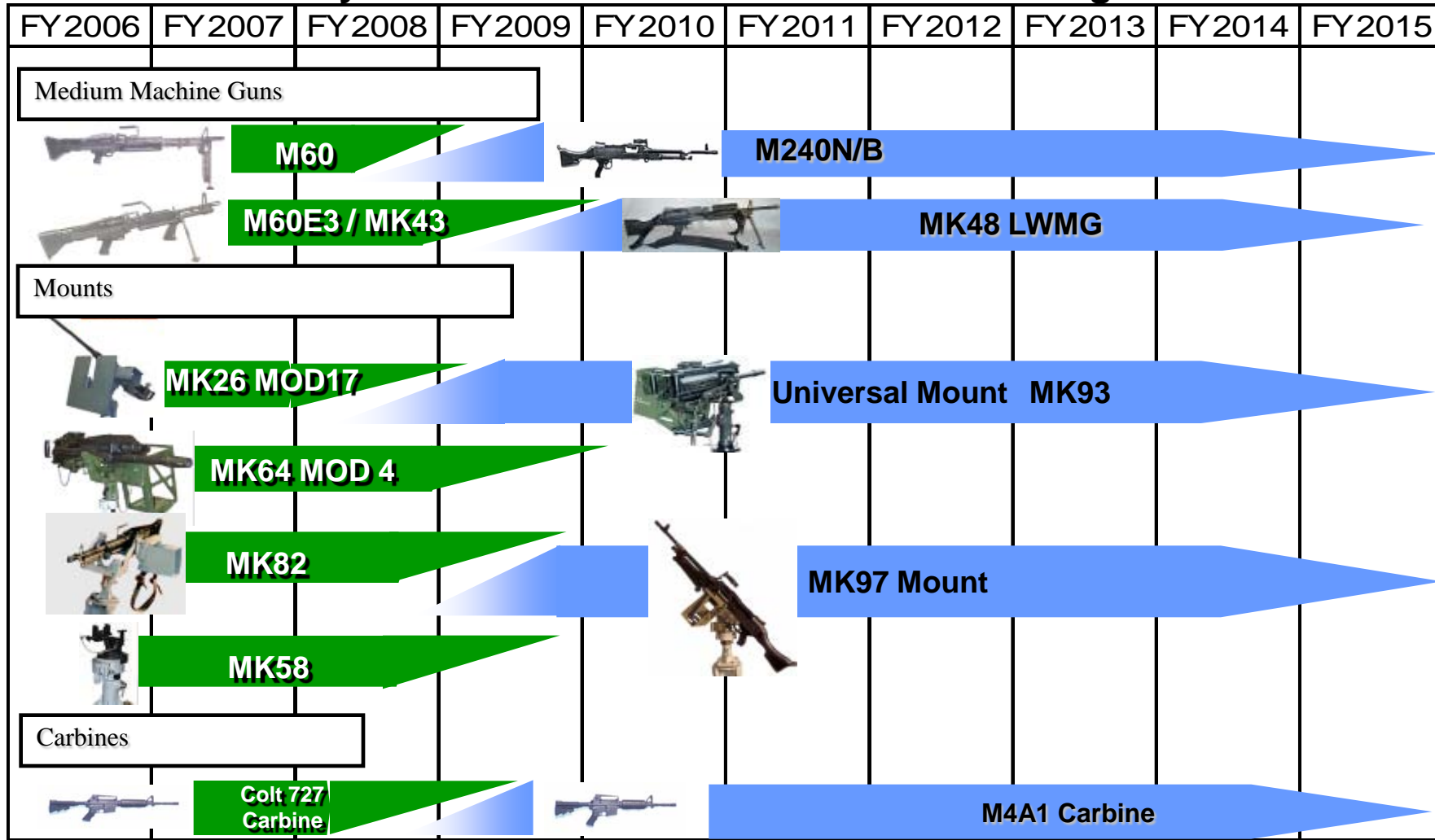
FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
Pistols									
	M9								
	M11								
			Sig Arms P229						
			Sig Arms P239						



Small Arms Modernization Way Ahead (Cont.)

Obsolete Systems

Modernization Program

















Small Arms Modernization Way Ahead (Cont.)

Obsolete Systems

Modernization Program

FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
Rifles									
	 M16A1HB		 M16A3/5						
	 M14								
40MM Grenade Launcher									
	 M79				 M203				
Surface Ship Machine Gun									
	 MK19 GMG				 Twin M2HB MG				
	 MK44 Mini Gun				 Twin M240 MG				



Navy Small Arms Program

On-going efforts



SPS - Lethal Effector (LE) MK49 Mod 0

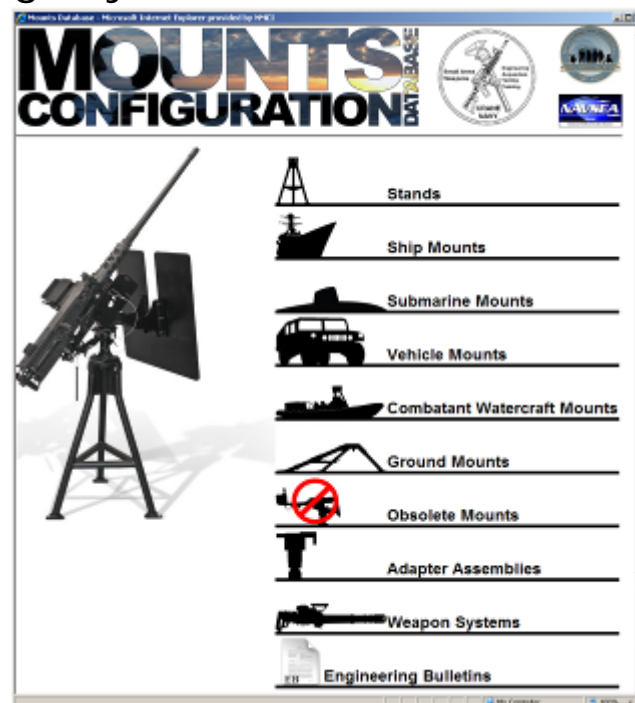
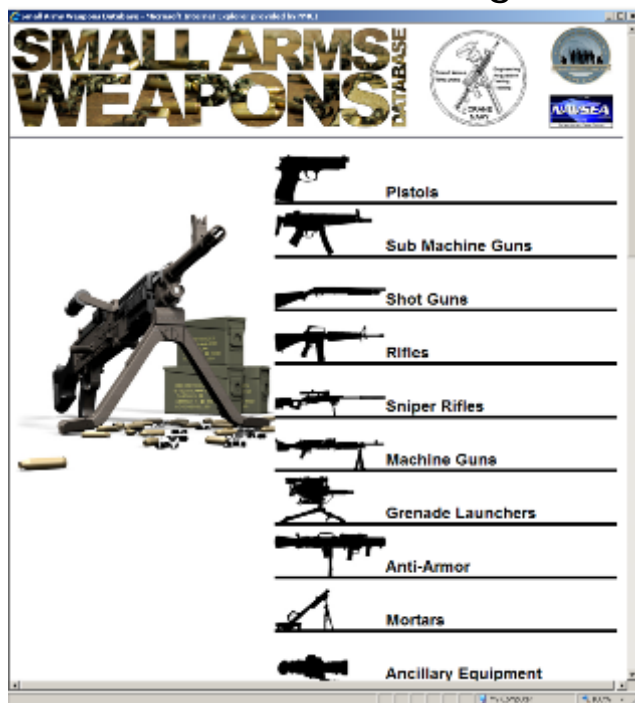


- Remotely Operated Small Arms Mount (ROSAM)
 - Provides automated, integrated, sensor equipped, and remotely controlled platform that can accommodate a variety of weapons.



Increase Communications

- New website
 - Provides weapons information to the fleet; manuals, engineering bulletins, photos
 - Frequently asked questions
 - Linked with Data management registry and allowance data base





Fighting Corrosion - Weapons





Fighting Corrosion - Ammunition





What can industry do for Navy Small Arms?

•Ship Board

- Problem - Harsh sea environment corrodes weapons
- Need – Improved maritime coatings or materials

- Problem – Weapons and ammunition are stowed below deck and must be transported top side using ladders, hatches, etc.
- Need – Lighter, smaller, more compact weapon and ammunition

- Problem - Weapon round counts are inaccurate
- Need – Automatic round counters

•Navy Shore Stations

- Problem – Increased training requirements for crew served weapons
- Need – Reduced range training ammunition for M240, M2HB, MK19, virtual simulators, etc.

- Problem – Increased security at check points at base entrances and piers.
- Need – Ability to choose between non-lethal or lethal force, rapid transition from less than lethal to lethal

•Naval Air

- Problem – Overheating barrels on XM218 / GAU16 barrels
- Need – Barrels that can be fired maximizing the number of rounds on target per aircraft pass