



# National Defense Industrial Association (NDIA)

## Navy Modernization Update

15 May 2012

Chuck Zeller

*On behalf of Navy Small Arms Resource Sponsor*





# BLUF

- **USN small arms meet current requirements**
- **Navy will continue to modernize its small arms based on:**
  - **\$** Life cycle cost
  - **L** Inter-service compatibility
  - **S** Safety
  - **P** Performance
- **Navy needs continued industry support**



# Naval Missions



AT/FP



VBSS



Shipboard Replenishment



Watch Stander



Watch Stander



Naval Air



Naval Special Warfare



EOD



Naval Air



Harbor Security



AT/FP



Naval Expeditionary Combat Command (NECC)

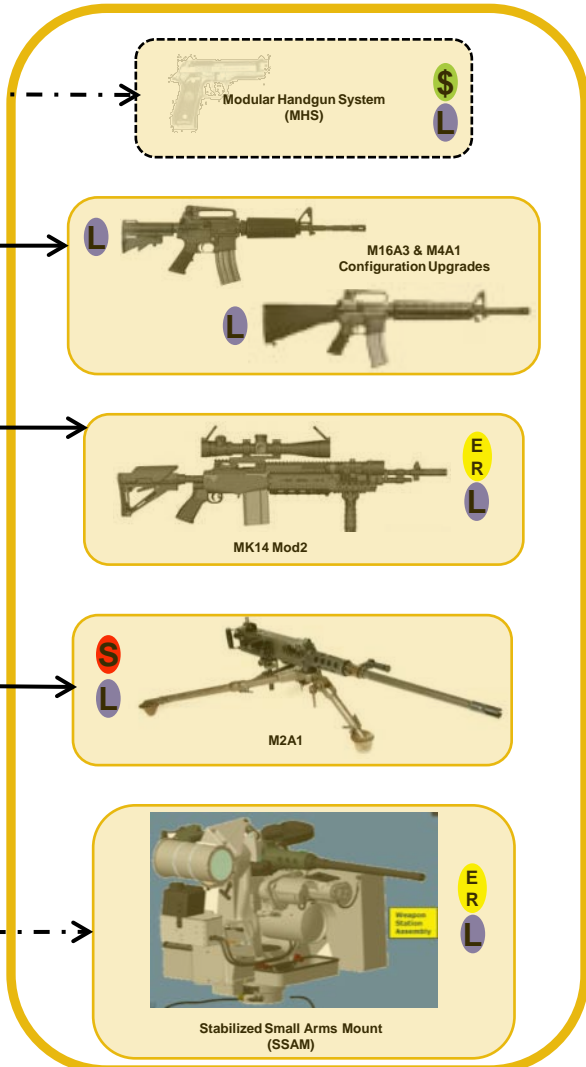
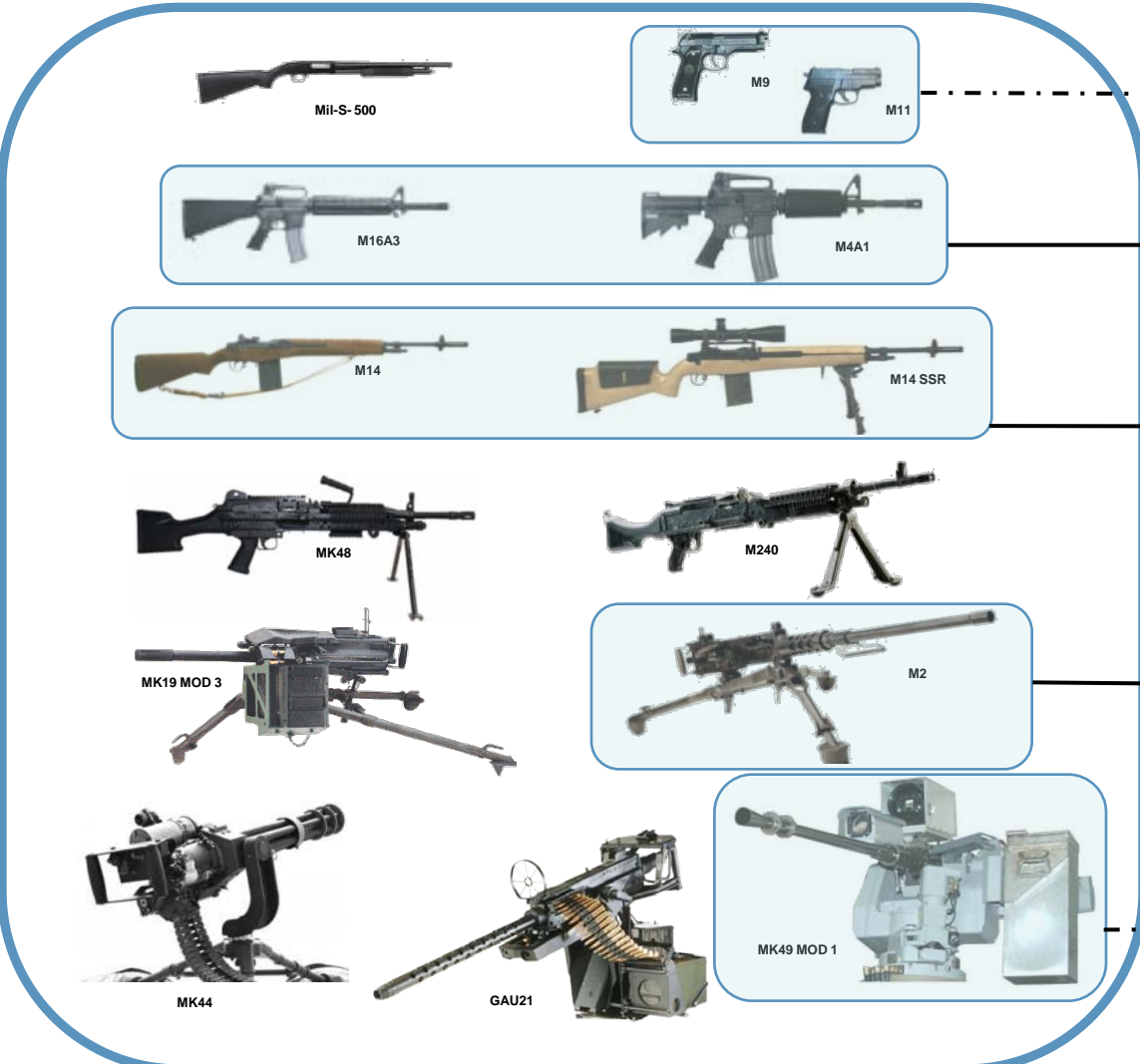




# Navy Way Ahead

## Current Small Arms

## Near Term (0-5 years) Upgrades





# What you can do to help USN

\$

## Life cycle cost

- Weapon/ammunition corrosion control solutions
- Lighter weight, reduced volume weapons/munitions
- Reduce dependence on strategic materials
- Increased durability & reliability

L

## Service compatibility

- Weapon system integration (modularity) to reduce product improvement complexity and cost
- Commonality among systems to improve logistic support efficiency, Joint interoperability and standardized training

S

## Safety

- Decrease complexity
- Minimize risk to the Sailor

P

## Performance

- Increase durability & reliability
- Balance weight/ballistic performance with recoil/controllability (hit probability)
- Design and produce next generation Navy small arms with respect to
- Support the warfighter and outpace the threat

\$ S L



# Navy Small Arms

## Navy Points of Contact:

CDR Bill Daly – Naval Surface Weapons Branch Head – OPNAV N96C1  
Navy Joint Service Small Arms Representative (JSSAP) representative  
email [william.r.daly@navy.mil](mailto:william.r.daly@navy.mil) - 571-829-6248

LCDR Victor Garza — OPNAV N96C1C  
Naval Surface Guns and Ammo Section Head  
email [victor.garza@navy.mil](mailto:victor.garza@navy.mil) - 571-256-9501

Mr. Pete Gill – Navy Surface Warfare Small Arms Manager – OPNAV N96C1C1  
Joint Service Small Arms Requirements Integration (JSSARI) representative  
email [peter.gill@navy.mil](mailto:peter.gill@navy.mil) - 571-256-9498

Chuck Zeller – Naval Surface Warfare Center, Crane Division – JXNF  
Navy Technical Warrant Holder for Small Arms & Weapons  
email [Charles.Zeller@Navy.Mil](mailto:Charles.Zeller@Navy.Mil) - 812-854-5767