



# Office of Specialized Capabilities



## NDIA

Lieutenant Commander Ty Nagie  
Commandant (CG-7211)  
Use of Force Division Chief  
Office of Specialized Capabilities  
Coast Guard Headquarters





# Briefing Objectives



- DESCRIBE CG Mission Requirements
- LIST Current Initiatives
- SHARE/RECEIVE Info Needed to Increase CG Mission Readiness and Effectiveness



# Mission Requirements



- Train and operate with weapons systems to conduct the following missions using both lethal and less lethal technologies.
  - Ports, Waterways, and Coastal Security
  - Maritime Law Enforcement
  - Force Protection
  - Counter-Terrorism



# Initiatives Overview



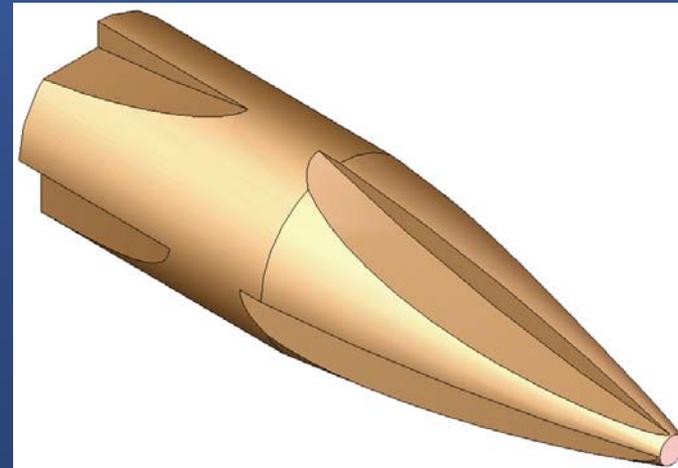
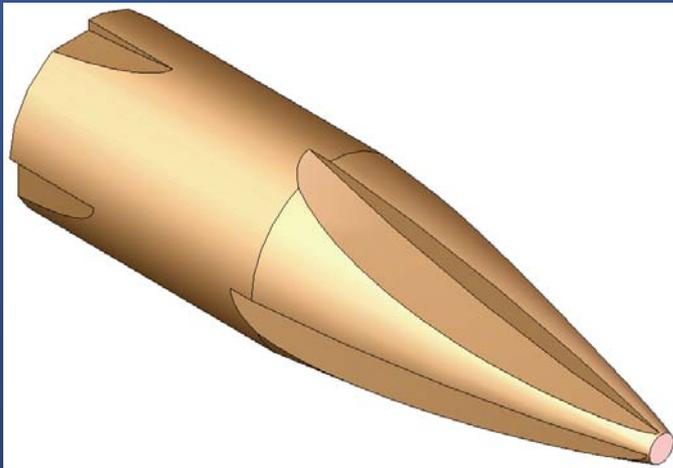
- L2R2 Project
- 12GA Warning Munitions (LA51)
- Training Initiatives
- Handgun Replacement Project
- Precision Marksman Rifle
- Non-Lethal Weapons
- Long Term Projects



# L2R2



- Design and Develop a 7.62MM round that meets the Coast Guard requirements for inner waterways use (ports and harbors)





## L2R2



- Defeat 1/4" of mild steel at 200 yards
- Effective range of 400 yards against soft targets.
- Maximum range of 2000 Meters (1500 meters desirable).
- Current range of prototype 1967 meters.
- Current range of 7.62 MM round > 4000 Meters.



# Advantages of the L2R2 Round



- Able to use in a urban environment.
- Decreases the probability of collateral damage.
- Cost savings from multi-service purchases.
- Decrease range for training environment.
- Projectile is a lead free. (Brass).



# 12GA Warning Mmunition



- Specs
  - LA-51 100m warning munition
  - Produces an airburst diversion
  - 1.4G Explosive
- In use for Non-Compliant Vessel interdiction
- Operational, Test and Evaluation for point defense has been completed.
- Environmental Assessment Completed





# Training Initiatives



- Simulators
  - Air operated / Laser Scored
  - P229DAK (Other weapons can be added)
  - DT&E site for “Use of weapon simulators for basic pistol qualification” concept
  - Potential future savings from reduction in ammunition use and training costs.
  - Increased weapon handling experience
  - Potential for increased qualification rates





# Training Initiatives



- M.I.L.E.S. Gear
  - Looking to use as a replacement for waterborne live fire Machine Gun Boat Course
  - Provides realistic, on water training environment, incorporating qualification and JUFE
  - Incorporates blank ammunition for weapon loading and unloading as well as weapon recoil and report.





# Handgun Replacement Project



- **SIGARMS P229R-DAK is Replacing the M9 Beretta.**
  - Approximately 98% complete.
- **Type classification – NSWC Crane Division.**
  - .40 caliber (JHP & Ball).
  - 5 year Indefinite Delivery/Indefinite Quantity (IDIQ) contract with FEDERAL for JHP & Ball (both 155 grain).
  - WSESRB 90% complete.
  - Frangible WSESRB approval expected FY11.





# Handgun Replacement Project



- In order to better support our operators who serve alongside our DOD counterparts, we are moving forward with a limited purchase of SIGARMS P229 DAKs chambered for the 9mm cartridge.
  - Logistically better supported.
  - Common ammunition.
  - Minor training needed to move from .40cal P229s to 9mm versions





# Precision Marksman Rifle



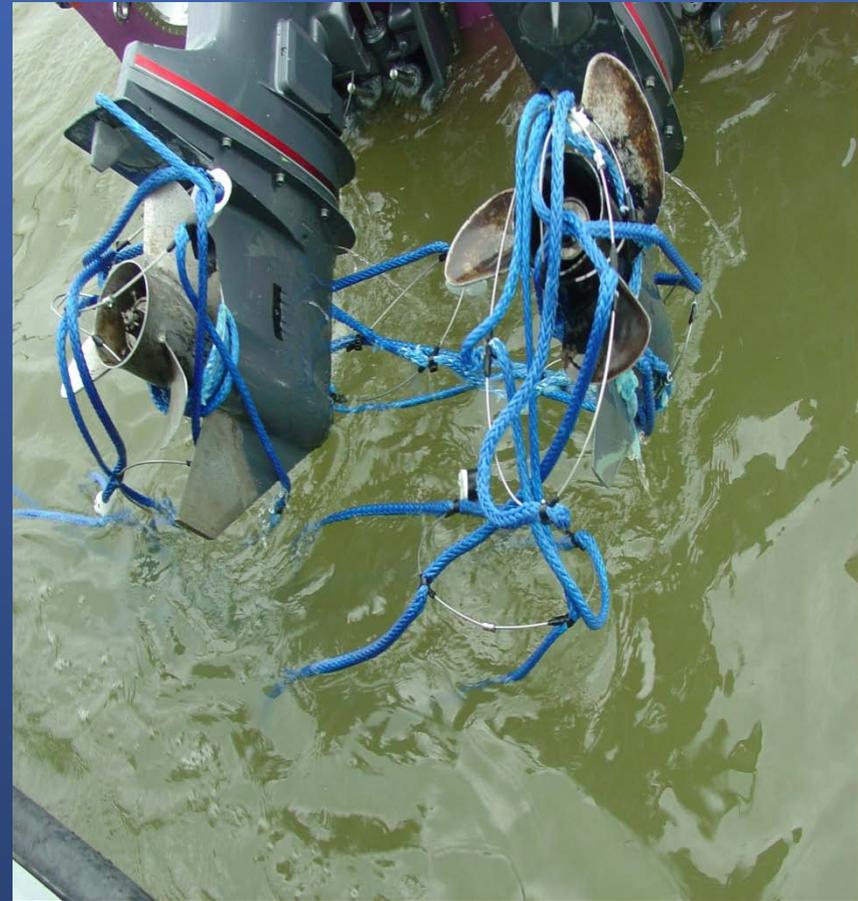
- Current State: M14 EBR for PWCS missions, M107 for CD, and MK11 for CT
- Future State: Replace M14 with an accurized rifle suitable for PWCS, maintain other weapons.
- Early planning stages



# Non-Lethal Weapons Program



- **Small Vessel Stopping by Entanglement (SVSE)**
- **Dazzling Lasers For Use in PWCS**
- **Acoustic Hailing Devices to Enhance Hail & Warn Capabilities**
- **KIBOSH: Partnering With USSOCOM & USN**





# Long Term Projects



## Gyro Stabilized Weapon System

- Initiating a program for gyro stabilized weapon systems for small boats to enhance crew safety and effectiveness.





## Mounted Automatic Weapon (MAW) Replacement



- Current State: M240B and M2HB
- Future State: A weapons system that increases accuracy while operating from small boats in an urban port environment, while integrating less lethal options with lethal technologies.
- Mission Analysis Report is in progress.



# Location & Organization



## ➤ Location.

Commandant (CG-721)  
Coast Guard Headquarters  
2100 2<sup>nd</sup> Street SW  
Washington, DC 20593

Phone: (202) 372-2043



## ➤ Organization.

- Office of Specialized Capabilities.
  - Member of the Joint Service Small Arms Synchronization Team (JSSAST).
- Organization Staffing.
  - Captain Robert Stohlman (Chief, Office of Specialized Capabilities)
  - Lieutenant Commander Ty Nagie (Chief, Use of Force Capability Division)
  - Chief Warrant Officer John McDaniel (Small Arms Program Manager, Ordnance Branch).



Questions?

