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
• 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
• Design and Develop a 7.62MM round that meets the Coast Guard requirements for inner waterways use (ports and harbors)
• Defeat ¼” 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 Munition

• 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
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
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  Washington, DC  20593

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- **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?