



Office of Specialized Capabilities



NDIA

LCDR Kenneth Nagie
Commandant (CG-721)

Acting Chief, Office of Specialized Capabilities
Coast Guard Headquarters



Overview



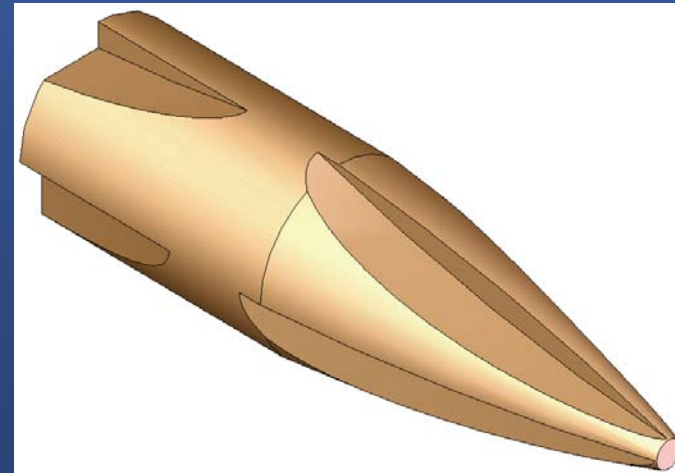
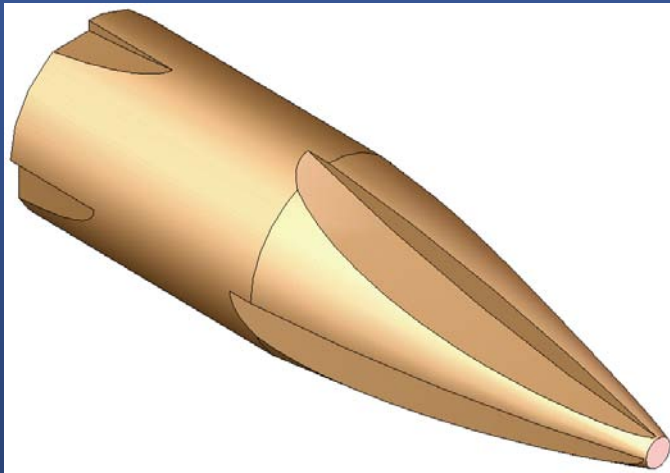
- L2R2 Project
- Waterborne Machine Gun Training Initiatives
- Near Term Projects
- Long Term Projects



L2R2



- Design and Develop a 7.62MM round that meets the Coast Guard requirements for use in/on US Ports and Rivers in support of PWCS operations





L2R2



Project Requirements:

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



Advantages of the L2R2 Round



- Able to be used in an urban/port environment.
- Decreased probability of collateral damage.
- Cost savings from multi-service purchases.
- Decreased range for training environment.
- Projectile is lead free. (Brass)



Training Initiatives



M.I.L.E.S. Gear

- Potential for use in our 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.
- Needs to be reliably used in a maritime environment





Training Initiatives



Simulators

- Use at TRACEN Cape May/USCGA
- Air operated / Laser Scored
- Primarily P229DAK (Other weapons can be added)
- Augments live-fire training; does not replace it
- Potential future savings from reduction in ammunition use and training costs.
- Space and sustainment concerns
- Potential for increased qualification rates





Near Term Projects



Precision Service Shotgun

- Develop a Precision Service Shotgun (PSS) to be used for disabling fire.
- 20 inch rifled barrel, using copper jacketed sabot 12 gauge slugs.
- Max range of use approx 40 yards



Long Term Projects



Gyro Stabilized Mounted Automatic Weapon System

- Reviewing options for a gyro stabilized weapon systems to be used on small boats and cutters in order to enhance crew safety and effectiveness.
 - Must be ready for sustained maritime use
 - Compatible with existing CG weapons, platforms
 - Size/Weight/Power





Location & Organization



➤ Location.

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Coast Guard Headquarters
2100 2nd Street SW
Washington, DC 20593

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➤ Organization.

- Office of Specialized Capabilities.
 - Member of the Joint Service Small Arms Program (JSSAP).
- Organization Staffing.
 - Lieutenant Commander Kenneth Nagie (Acting Chief, Office of Specialized Capabilities)
 - Chief Warrant Officer John McDaniel (Small Arms Program Manager, Ordnance Branch).



Questions?