



# Office of Specialized Capabilities



JSSAST  
May 2017

Mr. Craig R. LaMudge  
Chief, Use of Force Specialized Capabilities Division  
Commandant (CG-7211)  
Coast Guard Headquarters





# Overview



- Currently use legacy lethal and NL weapons systems and munitions for missions; DoD and DHS
- Seeking technologies and paths ahead for disruptive/leap-ahead/revolutionary capabilities
- Primary thrusts: stabilized systems, directed energy and NL systems--reduce collateral damage during port operations and other missions
- Criticality of force applications -- missions involving use of assets against/amongst US civilian populations and enforcing laws in waters around other Nations' civilians - not normally combatants



# Remote/Stabilized Weapon Systems



- Pursuing options for stabilized weapon systems to be used on boats and from helicopters in order to enhance crew safety and overall effectiveness (kinetic, NL, DE)
- Exploring hand-held, deck-mounted and helicopter door-mounted solutions ; operator fired





# Items of Interest



- Concentrate on S&T programs leading to leap-ahead/disruptive and revolutionary capabilities: quality and impact versus incremental
- Modernizing with gains in capabilities and not just new : line throwers, reversible effects on vessels, extreme accuracy and resource savings
- Surface treatments, lubrication and anti-corrosive improvements for weapons and ordnance
- Partnering with industry and other Services and agencies to increase visibility, teaming and inclusion of waterborne operations in project
- **INNOVATION.** It is time to make big gains !



# Location & Organization



## ➤ Location

Commandant (CG-721)  
Coast Guard Headquarters  
2703 Martin Luther King JR Ave SE  
Stop 7331  
Washington, DC 20593

Phone: (202) 372-2474



## ➤ Organization

- Office of Specialized Capabilities – Capt Jon W. Totte
- Organization Staffing CG-7211 (Weapons, Munitions, and Small Arms)
  - Mr. Craig R. LaMudge (Chief, Use of Force Specialized Capabilities Division)
  - LCDR Shaun Vaccaro (Use of Force Specialized Capabilities NLW)
  - CWO2 Cole Vaskey (Small Arms Program Manager, Ordnance Branch)
  - Also have a Munitions officer, NLW Support Officer, NTNO Officer and a staff at NAVSEA Crane for Small Arms Repair (SARF)



Questions?