



CG Non-Lethal Weapons (NLW) Program Overview



**CG Office of Specialized
Capabilities (CG-721)
(202) 372-2032**



Agenda

- USCG NLWs goals and challenges.
 - Determine intent of vessel operators
 - Disrupt/disable non-compliant vessels
 - Operating environment – Great concern for collateral damage in Coastal/Port environments
- USCG Fielded Non-Lethal Weapons.
 - LA-51 Warning Device
 - LA-9/P Laser
 - Non-Lethal Impact Munition (PepperBall)
 - Improved Flash Bang Grenade (IFBG)
- USCG Non-Lethal Weapons in development.
 - Hailing Acoustic Laser Light Tactical System
 - VIPER

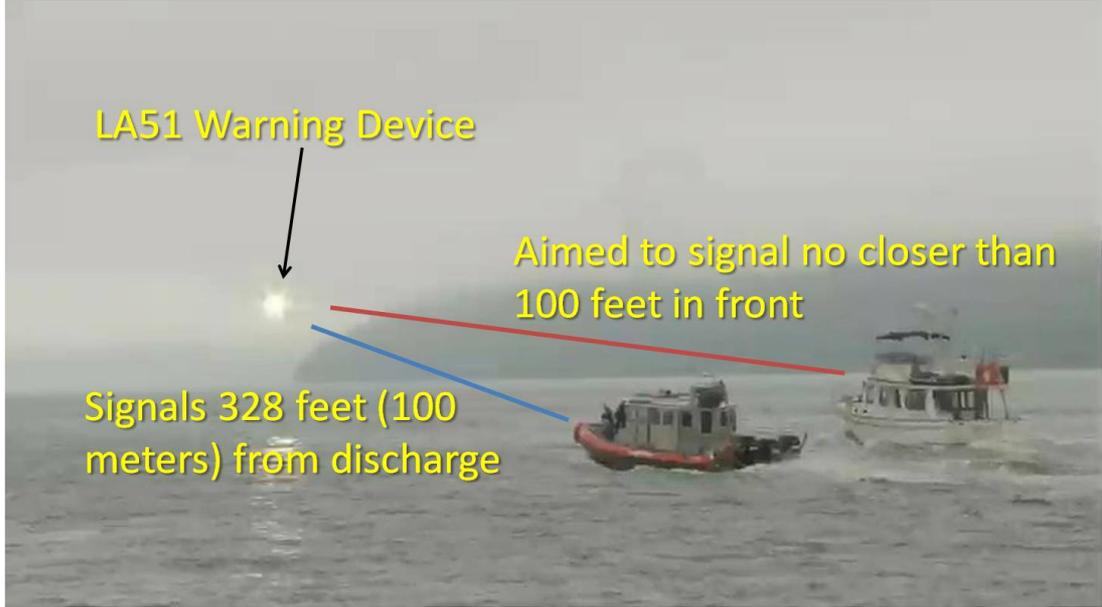


Fielded Non-Lethal Weapons



Determining Intent

LA51 Warning Device



LA-9/P (Laser Dazzler)
Patrol Forces SW Asia units only



NLIM (PepperBall)



Disrupt Non-Compliant Vessel (NCV) Operations

- Employs a pepper irritant projectile that breaks upon impact.
- Compliance of target is achieved by the psychological surprise of blunt force kinetic impact and the rapidly acting irritant. Is categorized under the disrupt phase of Non-Compliant Vessel Pursuit (NCVP).





Improved Flash Bang Grenade



Disrupt/Disable Non-Compliant Operators

- IFBG is now approved for Coast Guard counter-terrorism teams.
- Used to gain tactical advantage during breaching. Determines intent of hostile actors.



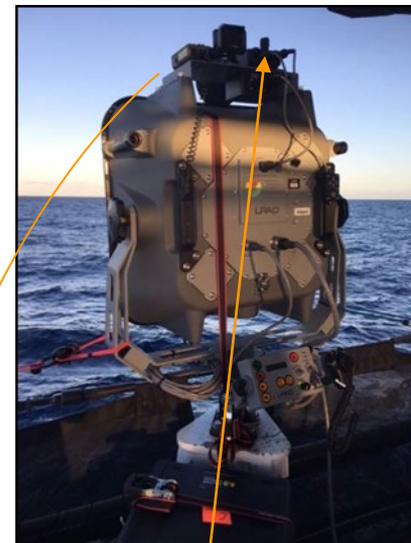


Hailing Acoustic Laser Light Tactical System



Determining Intent

- USCG interested in capability to “Define and Communicate Exclusion Zones.”
Used to determine intent of a Non-Compliant Vessel.
- Limited User Evaluation (LUE) conducted in Oct 2016 with unfavorable results.
District 7 (D7) requested for Fast Response Cutter (FRC).
- LUE completed, now evaluating results and considering options.





VIPER (Vessel Stopping Prototype)



Disrupt/Disable Non-Compliant Vessels

- CG-7 approved Memo from D7 requesting an Operational Test and Evaluation of the Vessel Stopping Prototype on an FRC.
- Concept will use Radio Frequency transmissions to disrupt engine electronics.
- Projected Operational Assessment to test the capability for a period of 12 months.

