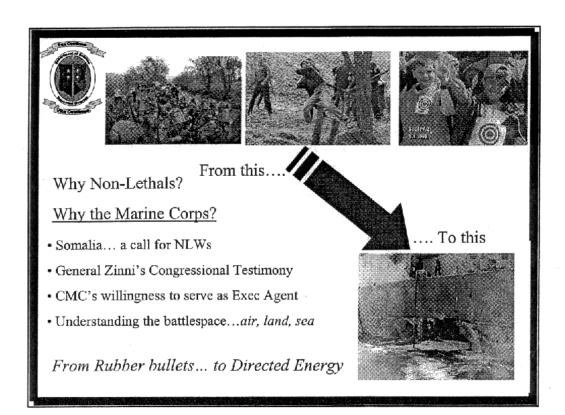




Program Overview April 2001





Plus-Up

Total

Budget

FY99	FY00	FY01	FY02	FY03	FY04	FY05
\$22.5M	\$23.3M	\$23.8M	\$24.2M	\$24.7M	\$26.6M	\$27.1M
\$12.0M	\$3.0M	\$6.0M				
\$34.5M	\$26.0M	\$29.8M	\$24.2M	\$24.7M	\$26.6M	\$27.1M

Major Budget Categories

Acquisition
Concept Exploration
Pre-Milestone A
Technology Investment
Studies & Analysis
Experimentation
Modeling & Simulation
Other Activities



Non-Lethal Weapons Core Capabilities

Counter-personnel

- Crowd Control
- > Incapacitate Individuals
- > Deny Area to Personnel
- > Clear Facilities/Structures/Areas

Counter-materiel

- > Area Denial to Vehicles (land, sea, and/or air space)
- > Disable/Neutralize Vehicles, Vessels, Aircraft, & Equip Counter-capability
- > Disable/Neutralize Facilities & Systems
- > Deny Use of Weapons of Mass Destruction





Vehicle-Mounted Active Denial System

A JNLWD sponsored, USAF project-lead program

Field Testing Follows years of in-laboratory testing

- **Key Objectives**: Operational power, spot size, and range
- · Necessary to demonstrate
 - Effectiveness
 - Operational utility



Demonstration Unit at Test-Site: Feb 01

·Awaiting policy decision to move forward



Current Technology Investment Projects - Two Year Study Initiatives -

Microencapsulation

-Encapsulation of NL payloads (thermal, pressure, water soluble)

FY 00

NL Loitering Submunition

-CONOPS & NL payload study of loitering submunition



4QFY01

Due Date

2QFY01

Report

Deliverables Lab Demo

FY 01

Front End Analysis of RCAs

-Workshops, analysis and database of all potential Riot Control Agents, calmatives, etc., in the last 10 years

Thermobaric Tech.

-Assess potential of thermobaric technology for non-lethal applications

Veiling Glare Laser

-Determine and demonstrate ability to of a violet laser to create a veiling glare on excised human cadaver lens 2QFY02

Report

3QFY02

Report

4QFY01

Report