



Mission Payload Module Non-Lethal Weapons System

briefing for

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Operational Forces Requested a Non-Lethal System That:

- Provides a Counter-Personnel Capability That Complements Lethal Weapon Applications and Effects
- Provides Marines With a High Volume of Fire, Extended Range and Incapacitation Capability
- Reduces or Avoids Risk of Permanent Injury to Personnel and Unintended Destruction of Equipment or Infrastructure



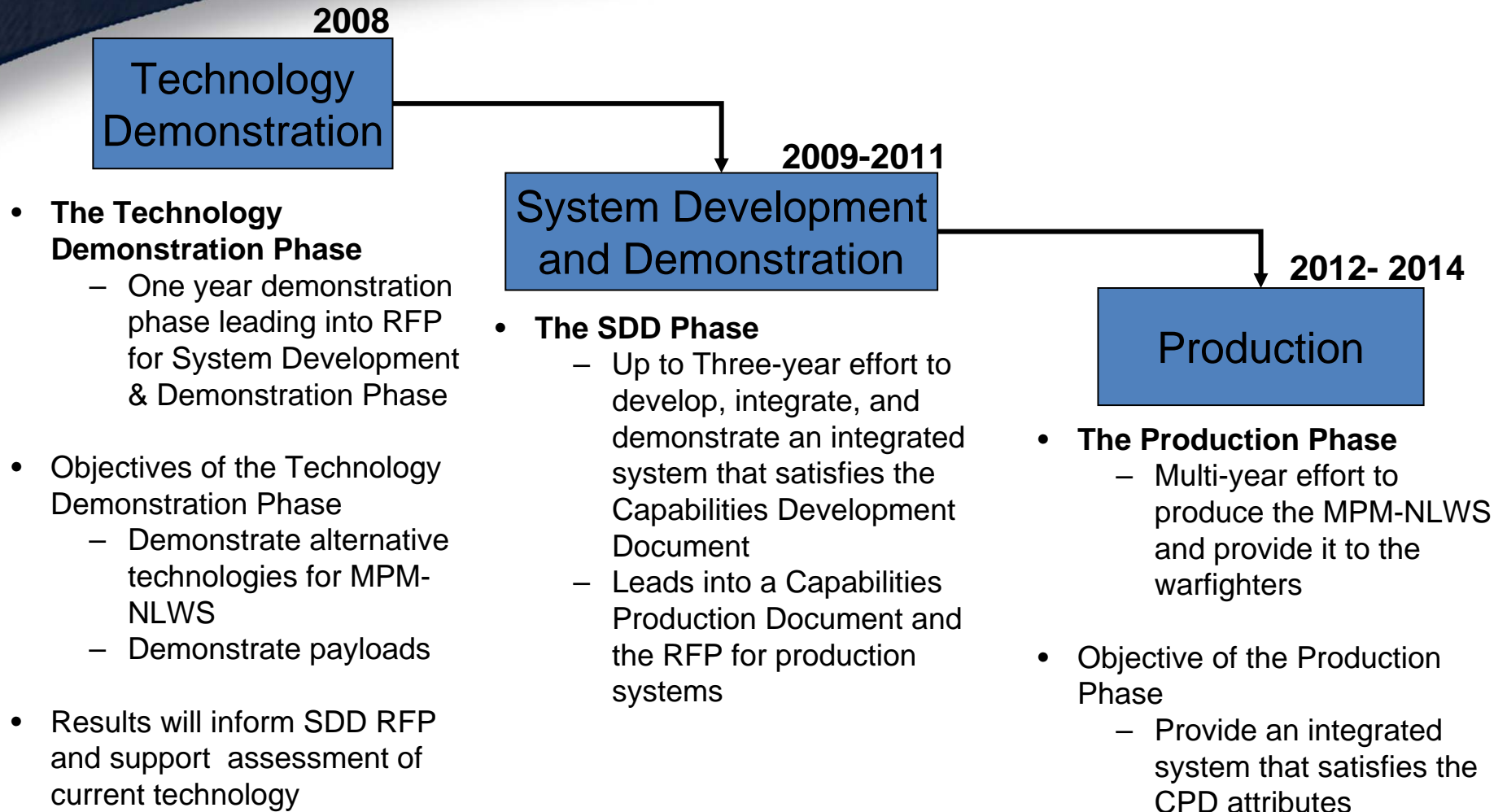
MPM-NLWS is a new Weapon System That Launches Non-Lethal Payloads to Greater Ranges, With a Broader Area Coverage, Greater Duration of Effects and High Volume of Fire

The MPM-NLWS Will:

- Initially be Deployed From the HMMWV (or its Replacement)
- Deliver Counter-Personnel Non-Lethal Effects Applicable to Controlling Crowds, Denying / Defending Areas, Controlling Access and Engaging Threats
- Incapacitate its Intended Targets, Which is Disable, Inhibit or Degrade one or More Functions or Capabilities of the Targets to Render Them Ineffective
- Provide Increased Standoff Distance for the Protection of Friendly Forces



EQUIPPING THE WARFIGHTER TO WIN



Number of contracts for the SDD Phase has not been determined



Industry Demonstrations

- Results of Market Research Indicated That a Mature Technology Base (TRL-6) Exists
- Several Developed Systems Purport to Already Achieve Many of the Required Capabilities
- Goal is to Leverage Industry's Investments and Government's Preference for Mature Solutions

Demonstrations Will Take Place During September 2008

- Currently in Source Selection for the Demonstration Contracts
- Demonstrations Will Inform Decisions for SDD Phase Contract (s)
- Vendors do not Need to Participate in the Demonstrations to bid on the SDD Phase

You do not need participate in the demonstration to bid for the SDD contract(s)



Issue: Industry has Limited Payload Expertise and is Required to Develop a Non-Lethal Payload That can Temporarily Incapacitate a Group of Personnel While Minimizing Risk of Permanent Injury

- Effect on Targeted Personnel
- Ranges to Target
- Risk of Permanent Injury

Challenges:

- How Does Industry Determine if Their Payload Will Satisfy the Requirement?

Mitigation:

- A Pre-Solicitation Industry Day Will be Held at MARCORSYSCOM Prior to Release of MPM-NLWS SDD RFP

Anticipated Navy Electronic Commerce Online and Federal Business Opportunities Posting in September 2008

Selection of an effective payload is critical to a winning MPM-NLWS



Event - Milestone	FY08				FY09				FY10				FY11				FY12				FY13			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Industry Day				▲																				
Contract Award					▲																			
Sys Dev & Demo Phase									■															
Low-Rate Prod. Decision																	◆							
Production Period																	■							

Approved USMC (Spiral One) Acquisition Objective: 312 Systems Working for Army/Navy for Spiral Two

SDD Phase Will be Open to all Bidders



How can industry Help Non-Lethal Systems / Force Protection Programs?

Develop a non-lethal system (launcher and payload) that reduces the risk of permanent injury while maximizing incapacitation and duration of effect



Questions?