



JNLWP Update to the International Infantry & Joint Services Small Arms Symposium

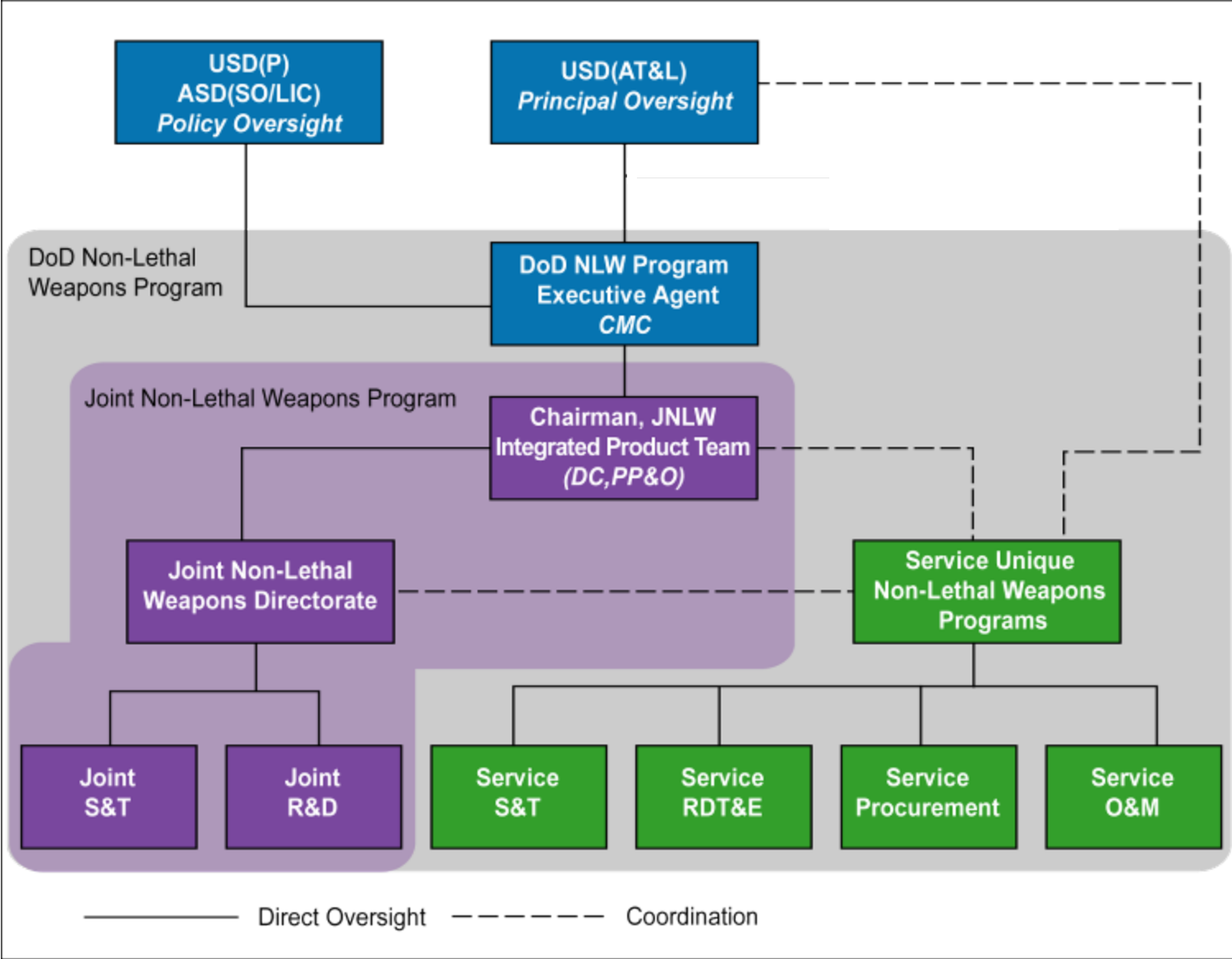
Less Lethal Capabilities in the Escalation of Force

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DoD Non-Lethal Weapons Program Management Structure





Non-Lethal Weapons & Munitions in Use

Counter-Personnel Capability Gaps



12 Gauge / 40 mm Point, Area and Flash Bang Warning Munitions



FN303



Washable Paint



Permanent Paint



Training



Obstacle Distractors



X-26 Taser



Modular Crowd Control Munitions



66mm Vehicle Launched NL Grenades



Flash Bang Grenades



Vehicle Lightweight Arresting Device M2 Net



Stingball Grenades & Launch Cups



Pen Flairs



Acoustic Hailing Devices



NLW Munitions Developmental Efforts



Counter-Personnel Capability Gaps

Suppress, Move and / or Deny Individuals / 1-150 Meters



MK19 NL Muniton

USA Lead

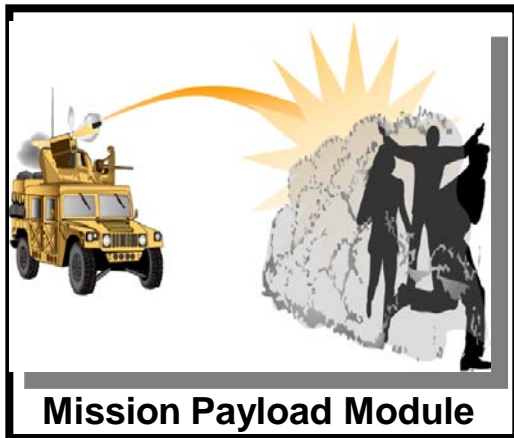


Improved Flash Bang Grenade

SOCOM Lead

Counter-Personnel Capability Gaps

Suppress, Move and / or Deny Individuals / 100-300 Meters



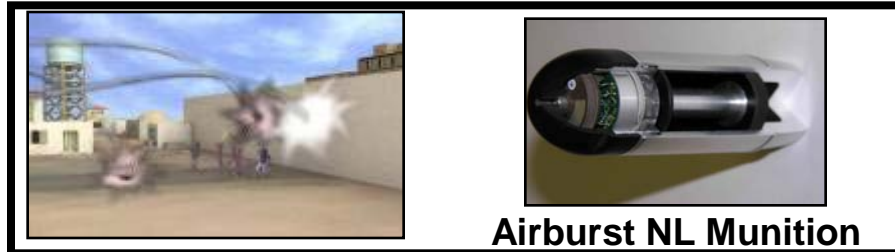
Mission Payload Module

USMC Lead
Milestone C:
4QFY12



Joint NL Warning Munitions

USN Lead
Milestone C:
2QFY09



Airburst NL Muniton

USA Lead
Milestone C:
4QFY11



Joint Integration Program (JIP)



DESCRIPTION:

The Joint Integration Program (JIP) is a forum established to coordinate a comprehensive program that maintains state-of-the-art non-lethal capability sets (NLCS) for each Service through product demonstrations, sharing lessons learned, and evaluating commercial off-the-shelf (COTS) products for potential inclusion into Service NLCS.

JIP Researcher –

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Recent Accomplishments:

- NLM Test Harmonization MOA Staffed for Joint Signatures
- Updated JIP MOA in final JNLWD review
- NLERM Market Research
- Oct 08 JIP Meeting at Nellis AFB, NV

Future Activities:

- Follow-on NLM Characterization (PSU)
- Spike Strip Evaluation (USAF)
- JIP Range Kit Purchase (JNLWD)
- May 09 JIP Meeting in Dumfries, VA

Performers:

- JNLWD (JIP Chair) American Systems –JIP Researcher
- Services to include USCG
- Various vendors with COTS & developmental items

Next JIP Meeting – 21-23 Oct at Nellis AFB, NV

SCHEDULE & COST:

ITEM	FY09				FY10
	1Q	2Q	3Q	4Q	1Q
NLM Characterization II	—————			▲	
Spike Strip Eval	—————		▲		
JIP Kit				◆	
JNLWP Funding					
FY08	FY09		FY10		
\$700K	\$700K		\$600K		

SUPPORTED BY: USA, USAF USMC, USN, USCG and SOCOM



Non-lethal Munitions Characterization



DESCRIPTION: This effort is a follow on to the initial NLMC. This includes testing of available COTS non-lethal 12 gauge, 40mm, Flash-bang Grenades and Multi-Sensory Stingball Grenades. Data captured during the test events will feed into the Advanced Total Body Model (ATBM) to determine injury potential. The results of this effort will assist the Services and other Government Agencies with non-lethal ammunition procurement.

TYPE OF DATA BEING GATHERED INCLUDES:

- 1) Muzzle velocity, 2) Accuracy, 3) Impact Energy
- 4) Weapons Fouling, 5) Blast Pressure, 6) Light Intensity,
- 7) Impact Pattern, 8) Velocity at range

Recent Accomplishments:

- Gathered Multi-sensory grenades and Blunt Impact non-lethal munitions
- HECOE Coordination on ATBM input requirements

Future Activities:

- Conduct test events and gather data.
- Reduce Data and write Test report
- Service down-select ammo to flow through ATBM
- Back brief ammunition manufacturers on test processes and results

Performers:

- Penn State University-Performer
- JNLWD-JIP PM

SCHEDULE & COST:

ITEM	FY09				FY10
	1Q	2Q	3Q	4Q	1Q
Gather test articles	▲				
Complete test events		▲			
Write Test Report			◆		
Draft Report			◆		
Final Report				◆	
JNLWP Funding					
	FY09				
	\$186K				



Business Opportunities



- FY10 JNLWP Science & Technology “Clear A Space without Entry” BAA
 - Planned Release Date: Jun 09, Closes: Aug 09
 - <https://www.jnlwp.com/admin/solicitations.asp>
- FY10 JNLWP Science & Technology BAA
 - Planned Release Date: Jun 09, Closes: Aug 09
 - <https://www.jnlwp.com/admin/solicitations.asp>
- Improved Flash Bang Grenade (IFBG) Request for Proposals
 - Released: 13 Feb 09, Closes: 15 Jul 09
 - www.crane.navy.mil/acquisition/synopcom.htm
 - Anticipate Contract Award – Nov 09
- XM-104 NL Bursting Hand Grenade – Performance Specification
 - Released: 8 Apr, Closes: 26 Jun 09
 - Restricted to National Technology Industrial Base
 - <http://procnet.pica.army.mil>
 - Anticipate Contract Award Sep 09
- XM1140 Extended Range Blunt Impact / Marking Munition
 - Request For Proposals expected to be release in Jun 09
 - Contract Award scheduled for 4QFY10
 - <http://procnet.pica.army.mil>
- Mission Payload Module – NL Weapon System
 - Request for Proposals – Jun 09
 - Contract Award estimated for Dec 09
 - <https://www.fbo.gov>



What is your Response?

