



Joint Non-Lethal Weapons Program (JNLWP) Update for the Joint Armaments Conference 18 May 2010



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Acquisition Division Chief



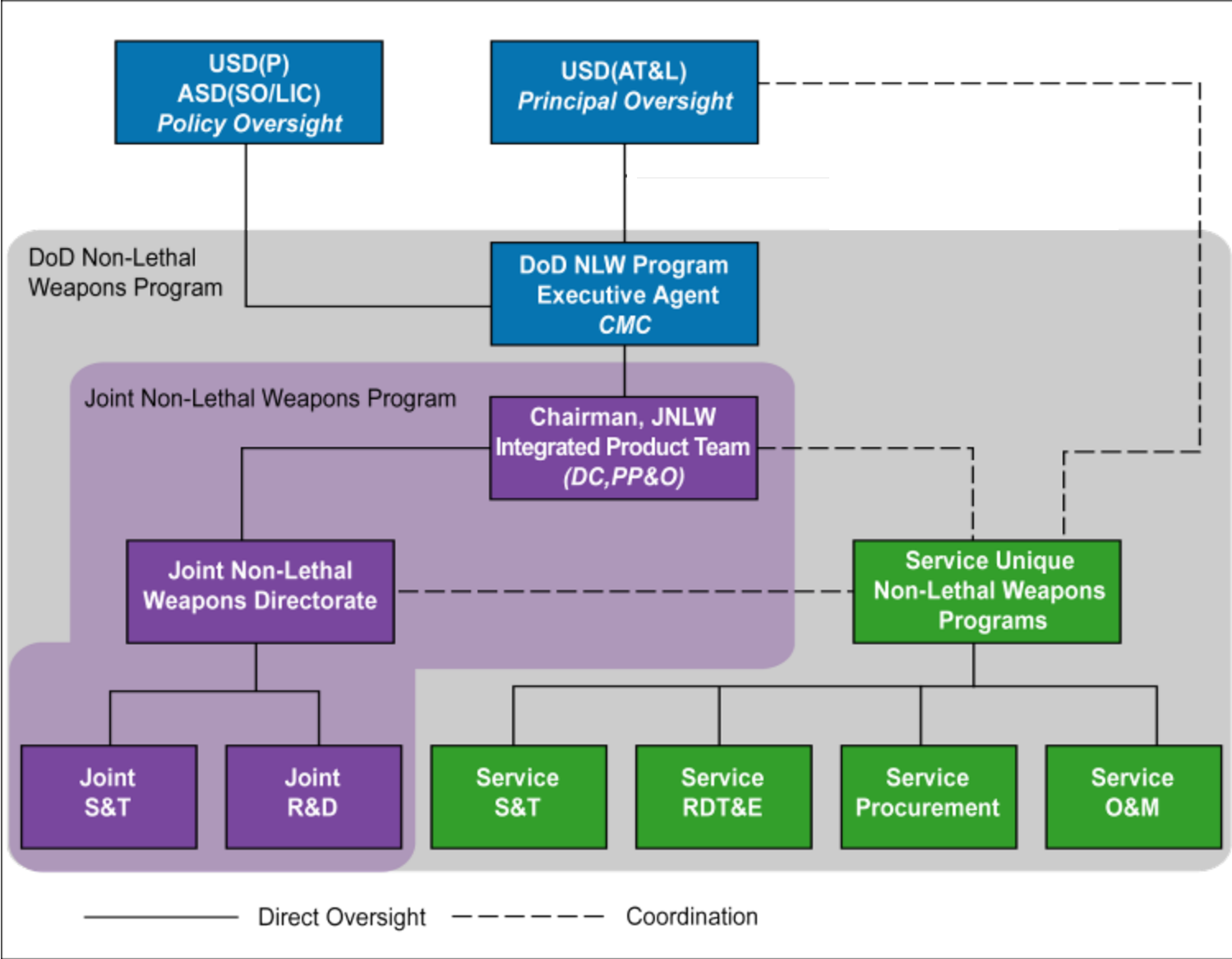
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DoD Non-Lethal Weapons Program Management Structure





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



Optical Distractors



X-26 Taser



Modular Crowd Control Munitions



66mm Vehicle Launched NL Grenades



Flash Bang Grenades



Stingball Grenades & Launch Cups



Pen Flares



Acoustic Hailing Devices



NLW & Munitions Developmental Efforts



Counter-Personnel Capability Gaps

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



**MK19 NL
Munitio**

**USA Lead
MSC – 2QFY13**



**Improved
Flash
Bang
Grenade**

**SOCOM Lead
MSC – 3QFY13**

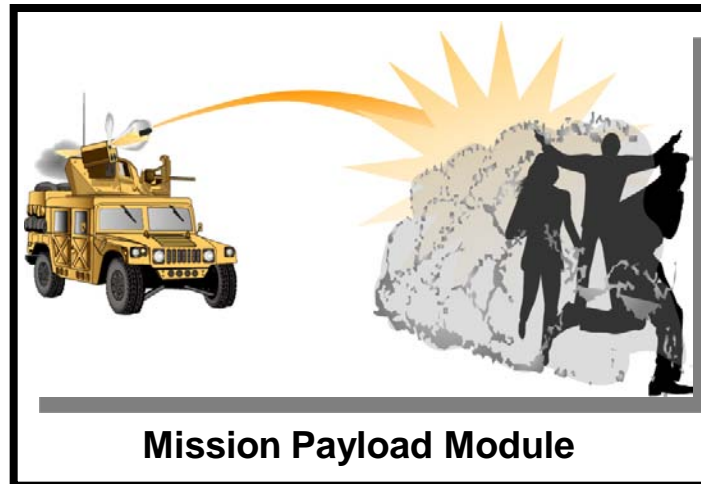


NLW & Munitions Current Acquisition Programs

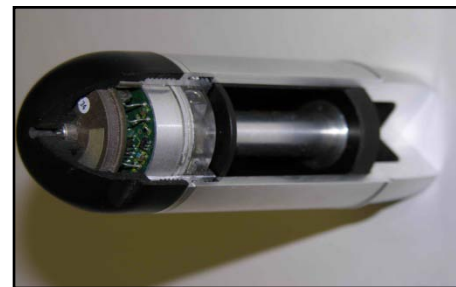
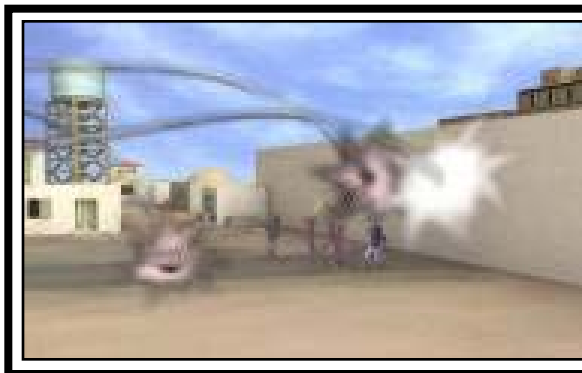


Counter-Personnel Capability Gaps

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



USMC Lead
Milestone C:
1QFY15



Airburst NL Munition

USA Lead
Milestone C:
2QFY12



Joint Integration Program (JIP)



DESCRIPTION:

The 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

FY10 EFFORTS:

- NL Munitions Integration into HEMAP (HECOE)
- Spike Strip Evaluation (USAF)
- COTS CS Grenade Evaluation (USA)
- NL Range Requirements Evaluation (USAF)
- NLM Test Harmonization MOA Approval
- JIP MOA Update
- May 10 Meeting with the Mock Prison Riots
- Nellis AFB, NV Meeting (2-4 Nov)

PERFORMERS:

- JNLWD (JIP Program Manager) – Frank Hubbard
- American Systems (JIP Researcher) – Jake Johnson
 - jacob.johnson@americansystems.com
- Services to include USCG (JIP Voting Members)
- SOCOM / DHS / NGB / CBP / DoJ / BoP (Non-Voters)
- Various vendors with COTS (Material Vendors)
- DoS / DoE / ICE (Desired Non-Voting Members)

PREVIOUS EVALUATIONS:

- Shotgun / NL 12 Gauge Ammo Performance Testing (2001)
- OC Dispenser Evaluation (2001)
- Personal Fire Extinguisher (PFE) Evaluation (2002)
- OC Dispenser / Taser Flammability Testing (2002)
- RCA Decontamination Evaluation (2002)
- Individual Flashlight Evaluation (2003)
- Dojo Target Evaluation (2004)
- Platoon sized Fire Extinguisher (2004)
- Combo Baton / Tigerlight Evaluation (2006)
- Portable Entanglement Device (Vessel Stopper) Evaluation (2007)
- Shotgun Launch Cup (Stingball Grenade) Evaluation (2008)
- 40mm Reloadable Training Round Evaluation (2008)
- Taser (M26 & X26) Aiming Laser Optical Evaluation (2008)
- NLMC I (2008) & II (2009)



NATO / JIP Event



- NATO Defense Against Terrorism (DAT) – 11 / Joint Integration Program combining their NL Technology Demonstration with the Semi-Annual JIP Exhibition, Demonstration, and Industry Conference In Oct, 2011 at Connaught Range in Ottawa, Canada
- JIP Voting & Non-Voting Principals are invited
- Countries Involved: US, Canada, Belgium, Denmark, Netherlands, Norway, UK, Russia & Bulgaria
- All 20 Industry Reps that responded, responded positively
- Industry Challenges:
 - ITAR Compliance
 - Export Controls



NL Breakout Session

4:30 Wednesday, 19 May



- Advancements in Personnel Incapacitation Methodologies for Multiple Projectile Cartridges
 - ✓ Mr Stephen Swann, Army Research Library
- Testing Non-Lethals – Finding the Right Tools for the Job
 - ✓ Mr Paulissen, TNO Netherlands Defence, Security & Safety



What is your Response?

