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

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Distribution Statement A – Approved for Public Release
Non-Lethal Weapons & Munitions in Use

Counter-Personnel Capability Gaps

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

X-26 Taser

FN303 Washable Paint

Permanent Paint

Modular Crowd Control Munitions

Stingball Grenades & Launch Cups

Pen Flares

66mm Vehicle Launched NL Grenades

Flash Bang Grenades

Optical Distractors

Distribution Statement A – Approved for Public Release
NLW & Munitions Developmental Efforts

Counter-Personnel Capability Gaps
Suppress, Move and / or Deny Individuals / 1-150 Meters

MK19 NL Munition

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

Mission Payload Module

USMC Lead
Milestone C:
1QFY15

USA Lead
Milestone C:
2QFY12

Airburst NL Munition
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)
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
• 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?