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

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Distribution Statement A – Approved for Public Release
JSSAST Symposium

• Combined with JNLWP’s Joint Integration Program (JIP)
• JNLWP Attendance
• Wednesday Live Fire Demonstration:
  – Weapons: H&K (XM-320), Milkor (M32), CMore (MASS), Beretta (CKER), Metal Storm (MAUL), FN-303 Less Lethal Launcher,
  – NL Munitions: Rheinmetall (Nico) BTV-1 Flash Bang Grenade, Taser XREP, BE Meyers, N Light & Thales Laser Dazzlers, BAE Extended Range Blunt Impact / Marking Munitions, CSI – 12 Gauge / 40mm Warning Munitions, etc..
• Thursday – Non-Lethal Breakout Panel
  – 1050-1230
• Friday – JIP Meeting here at the Fairmont

LETHAL / NON-LETHAL INTEROPERABILITY!
Prioritized DoD NL Capability Gaps
(Top 10 of 36)

**Top Ten Tasks**

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<th>CP TASKS</th>
<th>CM TASKS</th>
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<tbody>
<tr>
<td>1</td>
<td>Deny</td>
<td>Stop Vehicle</td>
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<td></td>
<td>Move</td>
<td>Disable Vehicle</td>
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<tr>
<td></td>
<td>Disable</td>
<td>Stop Vessel</td>
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<td></td>
<td>Suppress</td>
<td>Disable Vessel</td>
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<tr>
<td>2</td>
<td>Deny</td>
<td>Stop Arcft on Ground</td>
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<td>Stop Vehicle (small, confined, single)</td>
<td>Disable Arcft on Ground</td>
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<td>3</td>
<td>Deny</td>
<td>Stop Arcft on Ground</td>
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<td>Stop Vehicle (medium, confined, single)</td>
<td>Divert Arcft in Air</td>
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<td>4</td>
<td>Deny</td>
<td>Deny Access to Facility</td>
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<td>Stop Vessel (small, confined, single, [friendly anchored])</td>
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<td>5</td>
<td>Deny</td>
<td>Stop Vessel (small, open, single, [friendly underway])</td>
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<td>6</td>
<td>Deny</td>
<td>Suppress Individuals (confined, single/few)</td>
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<td>7</td>
<td>Deny</td>
<td>Suppress Individuals (open, many)</td>
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<td>8</td>
<td>Deny Access into/out of an area to individuals (confined, single/few/many)</td>
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<td>9</td>
<td>Deny Access into/out of an area to individuals (open, single/few/many)</td>
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<td>10</td>
<td>Move Individuals through an area (open, many)</td>
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**CBA Membership**

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<th>JNLWD</th>
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Current Acquisition Programs

Counter Personnel - Developmental Threshold Range At / Below 100M
- Mission Payload Module
- MK19 NL Munition
- X-26 Taser
- Improved Flash Bang Grenade

Counter Personnel - Developmental Threshold Range At / Below 300M
- Joint Non-Lethal Warning Munitions
- Airburst Non-Lethal Munition

Counter Material
- Vehicle Lightweight Arresting Device
- Net & Remote Deployment Device
- Improved Acoustic Hailing Device
Joint Integration Program (JIP)

**Description:**
A Forum established to Coordinate a Comprehensive Program that Maintains State-of-the-Art NLCS for each Service through Product Demonstrations, Sharing Lessons Learned and Evaluating COTS Products for Potential Inclusion into Service NLCSs.

**Recent Accomplishments:**
- Last Semi-Annual JIP Meeting @ Nellis AFB, CA (Nov 07)
- Next Meeting – 23 Mar here
- Munitions Testing Standardization MOA (In Coord.)

**Ongoing Projects:**
- Evaluate Re-usable 40mm Training Rounds (USA)
- Evaluate Portable Entanglement Device (USCG)
- Launch cup w/ Adapters for two Shotguns and User Evaluation (USAF)
- Extended Range (500-1000 Meters) Warning Munitions (USN)

**Future Activities:**
- Evaluating FY09 Candidate Submissions
- Next Semi-Annual Meeting – TBD (Maritime Venue?)

**JNLWD Lead, USMC, USA, USN, USCG, USAF Voters and SOCOM Interest**

**Industry Contact** – Doug Esposito, American Systems

douglas.esposito@americansystems.com
Less Lethal Technologies
JNLWP FY09 Technology BAA

• Non-lethal focus areas (in priority order):
  1) Vessel stopping
  2) Clear a space without entry
  3) Divert aircraft
  4) Individual and crowd behavior
  5) Human effects/effectiveness and safety thresholds of NL stimuli
  6) Stimulating academia to promote NLW applied research
  7) Advanced materials and payloads

• Release Date: (Est.) 30 May 08

• Close Date: 30 Jun 08

• Website:
  – https://www.jnlwp.com/admin/solicitations.asp
JNLWP Education Opportunities

• EDUCATION
  – Pennsylvania State University on-line course: **NON-LETHAL WEAPONS: POLICIES, PROCEDURES AND TECHNOLOGIES CERTIFICATE**
    – [www.fayette.psu.edu/ccps](http://www.fayette.psu.edu/ccps) – application form available online
    – JNLWD Point of Contact – LCDR (USN) Cabot Aycock, cabot.aycock@usmc.mil

• WEBSITE – [https://www.jnlwp.com](https://www.jnlwp.com)
  JNLWD Point of Contact – Teresa Ovalle
teresa.ovalle@usmc.mil
Summary

• Less Lethal Capabilities are relevant in today’s fight against terrorism, on both the domestic and international front

• Range is a significant capability gap for Non-Lethal Weapons

• There are a number of promising new technologies that are poised to enhance Less Lethal Capabilities

• The application of Non-lethal force across the Escalation of Force spectrum is critical to success