Lightweight 155mm Howitzer Program (JPMO-LW155)

Mr. Martin Kane, Program Manager
M777 Howitzer

- Lightweight High-Strength Titanium
- Improved Strategic Deployment
- Improved Ground Mobility
- Improved Survivability

Towed Artillery Digitization (TAD)

- Flexible Operations
- Reduced Survey

Harder to Find, Harder to Hit, Harder to Kill!!

- Improved Accuracy
- More Responsive

Key Components:
- Radio Antenna
- Vehicle Motion Sensor
- Inertial Navigation Unit (INU)
- Mission Computer, Battery & Power Supply
- Assistant Gunner's Display
- Section Chief Control & Display Unit (SCCDU)
- Gunner's Display
- Radio & GPS Receiver
Background

• BAE SYSTEMS is the Prime Contractor for the LW155 System
  • Managed From Barrow-In-Furness, UK
  • Integration & Assembly at Hattiesburg, MS
  • Value Chain Was Competitively Selected
  • Full-Rate Production Underway
  • Four Year Contract (FY05-08)

• General Dynamics ATP Digital Fire Control Supplier
  • Assembly & Integration In Hattiesburg, MS

• LW155 Has Issued Some 15 Contracts for GFE Items
Program Principals

Program Manager-James Shields 973-724-5319
Deputy Program Manager-Keith Gooding 973-724-5319
Business Manager-Martin Kane 973-724-5502
Chief Engineer-Gabriel Jarani 973-724-2415
Program Contracting Officer-John Eilenberger-973-724-4265
Program Manager Total Funding: $1.7B

Appropriations Spending Breakout:

<table>
<thead>
<tr>
<th>Appropriations</th>
<th>FY 06</th>
<th>FY 07</th>
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<tr>
<td>RDT&amp;E (Army)</td>
<td>$0.6M</td>
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<td>O&amp;MMC</td>
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<td>PMC (USMC &amp; Army)</td>
<td>$215.1M</td>
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LW155 Future Technology Interests

- HW/SW Upgrades – Wireless Technology, Muzzle Velocity Sensor, On-Board Ballistics

- Power Management – Li Ion Batteries, Solar Charger, NATO Adaptors

- Weight Reduction

- Powered Drives (Rammer, Suspension, Azimuth, Elevation)

- Ammunition Handling/Transfer

- Alternative Ignition Technology
Closing Remarks

- Program In Full Rate Production

- Future Opportunities - Spares, Upgrades & Product Improvements