Lightweight 155mm Howitzer Overview

James Shields
Joint Program Manager
Program Office Principals:

PM  *James Shields*
DPM  *Keith Gooding*

Competency Alignment Team

- Business Manager:  *Marty Kane*
- Contracts Manager:  *David Wong*
- Lead Financial Manager:  *Dawn Schorling*
- Lead Engineer:  *Gabriel Jarani*
- Lead Logistician:  *Kevin Ellis*
PEO LS PORTFOLIO IS $5.6 B ACROSS THE FUTURE YEARS DEFENSE PROGRAM (FYDP).
**Program Status:**

- Joint USMC/Army Program in Full Rate Production
- AAO 511 USMC and 366 Army Systems
- USMC IOC Achieved Dec ‘05
- M777A2 In-Service in OIF/OEF
- Contract for Additional Qty Awarded 31 Mar 08
- Potential for ~100 more NLT Dec 09
- FMS Potential for 200+ Systems

**Requirements:**

- **Weight:** 10,000 pounds or less
- **Emplace, Displace:** <3 min, 2-3 min
- **Maximum Range:** 30 km (assisted)
- **Rate-of-Fire:** 4/min max, 2/min sustained
- **Prime Mover:** Current 5T truck, FMTV, MTVR
- **Air mobility:** MV22, CH53D/E, CH47D
- **Fire Control:** Digital & Optical
- **Precision Fire:** Excalibur Capable

**Towed Artillery Digitization**

- Mission Computer
- Power Control Unit
- Batteries
- Chief of Section Display
- Vehicle Motion Sensor
- Gunners Display
- Commo Box
- Radio
- GPS
- PIK
- Inertial Navigation Unit
In Production Since 2003

BAE SYSTEMS is Prime Contractor
LRIP Contract for FY03-05 for 94
Joint Multi-Year Contract FY05-FY08 for 495 systems
FY08 Contract for 87 systems

Supply Chain Established – Miscellaneous Support Work

New Equipment Training
Program Office Support
Field Service Reps

Future Upgrades and Opportunities

Software / Software Maintenance
Laser Ignition
Digital Fire Control Refresh/Obsolescence
On-Board Radar
Performance Based Logistics for Life Cycle Support
Summary

- LW155 in Full-Rate Production for USMC and Army
- BAE SYSTEMS is the Prime Contractor
- Future Work Involves Refresh of the Digital Fire Control
- PBL Strategy Under Development – Dec 08 Decision