



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

ORGANIZATIONAL VIEW

ASN (RDA)
DIRECT REPORT

PEO-LS
COL BILL TAYLOR

MARCORSYSCOM

LOGCOM

LOGCOM
LIAISON BILLET
MS. PAIGE (YA-3)

LIAISON STAFF

DEPUTY PEO-LS
MR. PIERSON (YC-3)

DPEO-LS
OFFICE MANAGER
MS. LITTLE (YA-2)

DPEO-LS
CHIEF of STAFF
MR. FERRIS (YA-3)

DPEO-LS
ACQUISITION
MR. GIERBER (YA-3)

CORE STAFF

DPEO-LS
ADMINISTRATION
MS. HALLORAN (CTR)

DPEO-LS
FINANCE
MR. HARRIS (YA-3)

DPEO-LS
ENGINEERING
MR. TRACEY (YA-3)

APEO-LS
C4I
MR. WILLS (YA-3)

APEO-LS
LOGISTICS
MS. TUCK (YA-3)

APEO-LS
COST ESTIMATING
TBD (YA-2)

APEO-LS
CONTRACTING
MS. MOSQUEIRA (YA-3)

APEO-LS
**CONGRESSIONAL/
PUBLIC AFFAIRS**
MR. BRANHAM (YA-3)

DIRECT SUPPORT STAFF
COMPETENCY ALIGNED

DPEO-LS ~ DEPUTY PEO-LS
APEO-LS ~ ASSISTANT PEO-LS

PEO LS PORTFOLIO IS \$5.6 B ACROSS THE FUTURE YEARS DEFENSE PROGRAM (FYDP).

LW155

LVSR

MTVR

EFV

MPC

JLTV

CAC2S

G/ATOR

PEO LAND SYSTEMS MARINE CORPS

IT'S ALL ABOUT THE WARFIGHTER



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, MTRV
Air mobility	MV22, CH53D/E, CH47D
Fire Control	Digital & Optical
Precision Fire	Excalibur Capable

Towed Artillery Digitization

Mission Computer



Commo Box
Radio
GPS
PIK



Power Control Unit



Inertial Navigation Unit



Batteries



Vehicle Motion Sensor



Chief of Section Display



Gunners Display



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



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

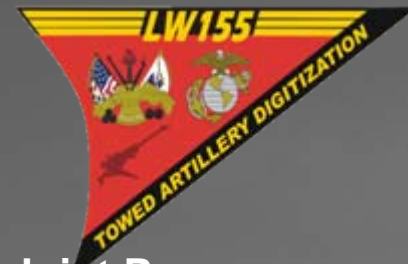
GENERAL DYNAMICS

Strength on Your Side™

Digital Fire Control
Burlington, VT

BAE SYSTEMS

Prime Contractor & Developer
Elevating Mass & Cradle Assembly
Barrow-in-Furness, U.K.
Final Integration
Hattiesburg, MS



Joint Program
Office
Picatinny Arsenal, NJ

**Howmet
Castings**
an Alcoa business



Upper Carriage
Whitehall, MI

LW155 Supply Chain 80% US Content



Optical Fire Control
St Louis, MO



Wegmann USA
Elevating Gear
Lynchburg, VA



Cannon Assembly
Watervliet Arsenal
Watervliet, NY



Titanium



Body
Assembly

GENERAL DYNAMICS
Canada

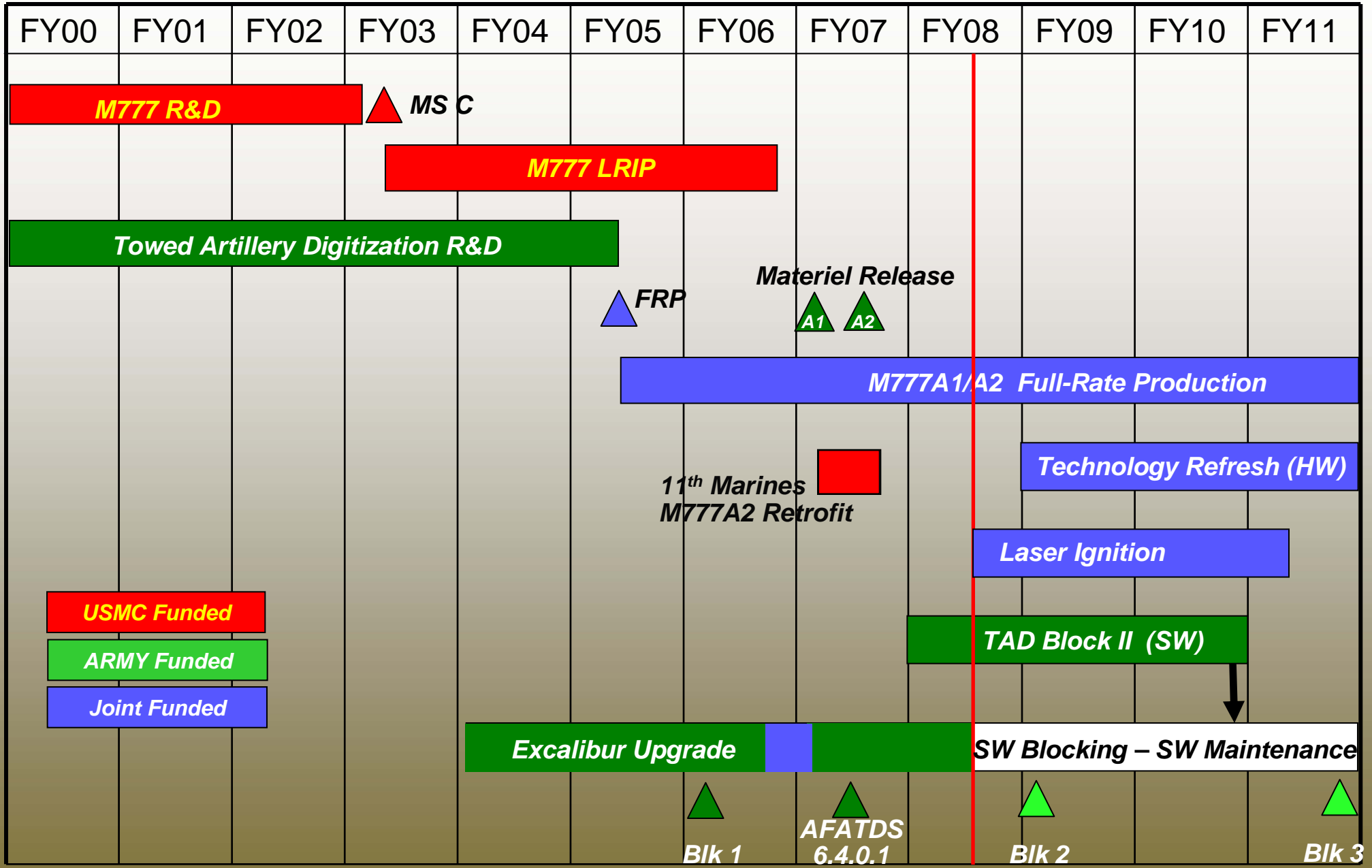
Mission Computer
Software and Displays



Lower Carriage



Schedule/Funding



RDT&E	\$6.0M	\$5.6M	\$5.6M	\$0M
PROC	\$587.1M	\$116.7M	\$41.0M	\$38.8M
O&M	\$8.5M	\$7.9M	\$8.2M	\$8.4M



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

PEO LAND SYSTEMS MARINE CORPS

IT'S ALL ABOUT THE WARFIGHTER

