Guiding Programs In Turbulent Times

Advanced Planning Briefing To Industry (APBI)
Marriott Waterfront Hotel, Baltimore, Maryland
Tuesday, 6 April 2010
AGENDA

PEO Land Systems
“Guiding Programs in Turbulent Times”
(Mr. Bill Taylor)

PEO LS PMs Top Technology Challenges

G/ATOR (Mr. Lee Bond)
LW-155 (Mr. Joseph Lipinski)
MTVR & LVSR (Mr. Tom Miller)
MPC (Dr. Bob Lusardi)
JLTV (Lt Col Ben Garza)
EFV (Mr. Tom Stevenson)
CAC2S (Captain Pat Costello)

Advanced Technology Investment Plan (ATIP)
(Mr. Mike Halloran)
“…We have to be more honest in how we do cost estimates, so that we don’t low ball ourselves into something that ends up costing more than we thought or were willing to admit.”

“…I'm very committed to improving the way we do systems engineering.”
What's Changed?

WSARA: Acquisition Business Process Changes

Increased Emphasis on Milestone A
- Mandatory for MDAPs with Technology Development Programs
- Likely for Most Programs

Mandatory System/Critical Subsystem Competitve Prototyping

Preliminary Design Review (PDR) before Milestone B to Enhance Understanding of Derived Requirements and Improve Cost Estimation

Competitive Prototyping

Effective Contracting via Pre-Award Peer Reviews

Re-structured “EMD” Phase

Configuration Steering Boards Established to Stabilize Requirements

ICD
MDD
Material Solution Analysis

MDD

Competitive Prototyping

Enhanced Emphasis on:
- Technology Maturity
- Systems Engineering
- Integrated Testing and Test Planning
- Manufacturing and Producibility
- Logistics and Sustainment Planning

Competitive Prototyping

Matteriel Solution Analysis

MDD
How We've Changed

Rigorous Systems Engineering

Cost Estimation

Science & Technology
Partnering to Maximize Technology

“Our first step is to continue to work with our partners to exploit technology to meet the Warfighter’s needs…”
## Opportunities

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<tr>
<th>Concept Refinement</th>
<th>Technology Demonstration</th>
<th>Engineering, Manufacturing, Development</th>
<th>Production and Deployment</th>
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<tr>
<td>MS-A</td>
<td>MS-B</td>
<td>MS-C</td>
<td>IOC, FOC</td>
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<tr>
<td>Marine Personnel Carrier (MPC)</td>
<td>Joint Light Tactical Vehicle (JLTV)</td>
<td>Expeditionary Fighting Vehicle (EFV)</td>
<td>Logistics Vehicle System Replacement (LVSR)</td>
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<td>Lightweight 155 (M777)</td>
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<td>Medium Tactical Vehicle Replacement (MTVR)</td>
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Questions?

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