AFTER MILESTONE C DECISION-
WHAT’S NEXT?

by Rick Decker
Director, Engineering - 8 March 2006
OUTLINE

• Chemical Biological Defense Program Environment
• Big “A” Acquisition
• DoD OSD Acquisition, Technology and Logistics Goals
• Joint Service Sustainment
• DoD Operating Environment
• JPEO/JPM Responsibilities/Initiatives:
  • Total Life Cycle Systems Management (TLCSM) Responsibilities
  • Logistics Information Technology Initiative
  • Joint Logistics Advisory Council for CBD (JLAC-CBD) Initiatives
• The End State
• TACOM LCMC/ECBC Partnership
• Conclusions
Required Capabilities, Science & Technology, and Acquisition
The Process

CAPABILITY NEED
RESOURCES
ACQUIRE DEVELOP CONTRACT TEST PRODUCE FIELD
OPERATE/ SUSTAIN UPGRADE/ MODERNIZE FMS
RETIRE DEMIL

acquisition
ACQUISITION

Doctrine, Organizations, Training, Leader Development, Materiel, Personnel, Facilities
GOALS AND OUTCOMES

• High Performing, Agile and Ethical Workforce
• Strategic and Tactical Acquisition Excellence
• Focused Technology to Meet Warfighting Needs
• Cost-Effective Joint Logistics Support for the Warfighter
• Reliable & Cost Effective Industrial Capabilities Sufficient to Meet Strategic Objectives
• Improved Governance and Decision Processes
Joint Sustainment – “The Torture Triangle”

Our Customers

Joint Capabilities & Development System
VCJC/JROC Oversight

Joint Support Plans

Defence Acquisition System
Milestone Decision Authority (MDA) Oversight

Planning Programming and Execution (PPBE)
DEPSECDEF Oversight

Joint Acquisition Plans

Academia

Industry

The Joint Services

Joint Systems Acquisition Total Life Cycle Systems Management
OPERATING ENVIRONMENT

• Service Title X Responsibilities
• O&M Funding Owned by Services
• Established Responsibilities, Policies, and Processes
• DoD “5000” Acquisition System Responsibilities

Public Law No. 103-160, Section 1701 (50 USC 1522)
- Coordinate and Integrate all DoD Chem Bio Defense Programs
- Annual Reports to Congress on readiness and plans to improve
Total Life Cycle Systems Manager (TLCSM) Responsibilities

• Total Package Fielding – AR 700-142
  “The TLCSM is responsible for programming and budgeting for the necessary funding.”
  – Initial Support Packages/Spares
  – New Equipment Training
  – Second Destination Transportation to Hand off Site

• Readiness Reviews – Emphasize Roles and Importance of the JPM’s as the TLCSM
  – Monthly Readiness Review
    • Internal – Continuing Issue Items Briefed at the Joint Review
  – Joint Quarterly Readiness Review
    • External – Brings our Customers into the Process

JPEO/JPM Must Work With DLA, Service Sustainment and Industry Partners
Logistics Information Technology TLCSM Support

JPEO/JPM Establishing IT System

JPEO-CBD Acquisition CBRN Knowledge System

- **Funded**
- **Funding Planned**
Joint Program Executive Office for Chemical Biological Defense
Joint Acquisition Chemical Biological Radiological Nuclear (CBRN) Knowledge System

This is a Department of Defense computer system. This system, including all related equipment, networks, and network devices (including Internet access) are provided only authorized U.S. Government use. DoD computer systems may be monitored for all lawful purposes, including ensuring that their use is authorized for management of the system to facilitate protection against unauthorized access and to verify security procedures, survivability and operational security. Monitoring includes active attacks by authorized entities to test or verify the security of the system. During monitoring, information may be examined, recorded, copied and used for authorized purposes. All information, including personal information, placed or sent over this system may be monitored.

Use of this DoD computer system, authorized or unauthorized, constitutes consent to monitoring of this system. It is a violation of United States Code, Title 18, to access a U.S. Government computer resources without specific authorization. Unauthorized use may subject you to criminal prosecution. Evidence of unauthorized use collected during monitoring may be used for administrative, criminal or other adverse action. Use of this system constitutes consent to monitoring for these purposes.

Click here to add JACKS to your Favorites. If you would like to bypass the Login page every time you access JACKS, please use this link to add the JACKS Main Page to your Favorites (You will still be prompted for your PKI Client Certificate).
Latest News

1 Feb 06 - JTAV-RW URL
Effective February 1, 2006, the Joint Total Asset Visibility - Reporting Warehouse (JTAV-RW) will now be accessible through the following interim URL: https://jtavrw.ira.army.mil.

1 Aug 05 - CE/CBRN Equipment Hotline
Effective August 1, 2005, the Chemical Equipment (CE) Hotline has had a name change to the CBRN Equipment Hotline. Information on the CBRN Equipment Hotline can be found using the CBRN Equipment Hotline link under the Contact header on the main menu or click here.

Latest JACKS Updates

23 Nov 05 - JACKS Version 2.2.0 Released

10 Aug 05 - JACKS Version 2.1.0 Released
Joint Logistics Advisor Council (JLAC) – Initiatives

- Joint Maintenance
  - Implement Joint Maintenance Concepts on Fielded Systems Where Maintenance is Not Joint
- Joint Equipment Assessment Program (JEAP)
  - Formal Process for Equipment Surveillance and Assessment
- Joint Materiel Fielding
  - Integrate, Streamline and Standardize Four (4) Existing Processes into One (1) Executable Joint Process
- Joint Individual Protective Equipment Strategic Asset Management
  - Joint Individual Protective Equipment Strategic Asset Manager
  - Reduce War Reserve Requirements, Redundancies and Mitigate Industrial Base Risks
- Joint Training Working Group
  - Training Plans and Requirements
  - New Equipment Training
- Joint Service Maintenance Tool

JPEO/JPM Working to Develop New Initiatives
DoD is Currently Reorganizing the JLB. The Chart Depicts the JLB’s Proposed Structure.

* = Focused Logistics Functional Capabilities Board
** = Joint Depot Maintenance Activity Group
# Joint Sustainment: The END-STATE

## TOTAL LIFE CYCLE SYSTEMS MANAGEMENT (TLCSM)

<table>
<thead>
<tr>
<th>Concept Refinement</th>
<th>Technology Development</th>
<th>System Development &amp; Demonstration</th>
<th>Production &amp; Deployment</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT Enabled (UID, RFID, Serialization)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industrial Base Decision Support Tools (IBST)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prognostics, Diagnostics, &amp; Embedded...</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equipment Assessment &amp; Disposal</td>
<td>A</td>
<td>B</td>
<td>C</td>
</tr>
</tbody>
</table>

- **Performing Based Logistics (PBL)**
- **Operations & Sustainment**
  - JACKS
  - CBDE Strategic Management
  - Joint Maintenance
  - Joint Surveillance

- **Joint Surveillance**
A concept for Integrating the Pieces for Joint TLCM

**Planning**
- Expendable Equipment Combat Consumption (E2C2) Model
  - Determine overall requirement
  - Predict consumption
  - Determine incremental requirements

**Total Requirement**
- Industrial Base Supply Chain Process Model
  - Optimal inventory and IB to meet req.
  - Distribution plans and strategies.
  - Funding req., strategies, plans

**Operational Execution**
- Oversight
- Management

**Joint Equipment Assessment Program (JEAP)**

**Life Cycle Management/Acquisition**
- JPMOs
- Product Support Integrator
- Manufacturers
  - Surveillance
  - Shelf Life Management
  - Consolidated DOD Recovery

**DOD IPE Inventory Manager**

**J-8 (JRO)**
- 1:4:2:1 Requirement

**Enablers**
- CWDE Marking Guide
- UID/RFID
- Serialization
- RLI
- AIT
- MEMS

**Center of Gravity**
- Depots
- Afloat

**Strategic Inventories**
- Service Inventory Managers

**Joint Total Asset Visibility Reporting Warehouse (JTAVRW)**

**Joint Acquisition Knowledge System (JACKS)**

**Military Equipment Marking System (MEMS)**
“Spiral” Development 2005 - 2030

2005
- Joint Service Lightweight Integrated Suit Technology
- Joint Service General Purpose Mask (06)
- Alternate Footwear Solution (06)

2006
- Hydration System

2010
- Individual Combat Clothing and Equipment

2020
- Self Detection
- Self Decon

2030
- Fully Integrated Warrior as a Systems WaaS

Providing Increments of Capability
TACOM LCMC/ECBC Partnership

ONE TEAM!
Defense Logistics Agency Support to Contractors

- Authorized by Public Law 107-314, Section 365
- Implemented November 18, 2005
  - USD Acquisition, Logistics and Technology Memorandum
- Defense Logistics Agency (DLA) May
  - Directly Contract with Weapons Systems Contractors
    - Distribution, Disposal, and Cataloging of Materiel
    - Must not Degrade Core Mission or Directed Workload
  - Authority Expires September 30, 2007
- Conditions
  - Weapons Systems Contract Must Have Been Competitive
  - Support No More than Five (5) Weapon Systems Contracts
  - DLA Accepts No More than $100,000,000 for All Contracts
  - Contract Period No More than a Five (5) Years
Bottom Line: Contractor Impacts
Public Law 107-314, Section 365

• Contractors can Subcontract with DLA for Certain Work
  – Subject to Conditions/ Limitations

• DLA Can Support Contractors on a Reimbursable Basis
  – Cataloging
  – Distribution
  – Disposal
PERFORMANCE BASED LOGISTICS (PBL)

- PBL Business Case Analysis Policy – August 18, 2005
  - All Army ACAT Programs or Joint Programs Where the Army is Lead Service and/ or Will Transition to Army

- PBL Tool Kit
  - Defense Acquisition University – https://acc.dau.mil/log
    - Acquisition Community Connection Under “Logistics”
CONCLUSION

• CBD is a Low-Density Critical Warfighting Commodity
  – Increasingly Technical and Complex
• Requires Joint Multi-Agency Strategic Management Approach
  – Supported by Current Service Consolidation Efforts
• Incremental Implementation Approach
  – Developmental Items
  – Fielded Systems
  – Partnership between DLA, Service Sustainment, Industry, Academia and JPMs
Hold the Key to Joint CBD Sustainment
Preparing the warfighter to meet the chemical biological threat
An important part of fighting and winning the Global War on Terrorism

Gabe Patricio, JPEO
703 681-0808

Robert Wattenbarger, JPMOIP
703 432-3198

Rick Decker
Director of Engineering
410-436-5600
www.ecbc.army.mil