Supporting Future Warfighting – Transforming Joint Logistics

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Accelerating Logistics Transformation

"The Challenge"

Joint Operations

Interdependent Operations / Logistics

Joint Operations/Logistics Concept Development & Experimentation Can Close The Gap

Art & Science Supporting Joint Warfare

Joint Logistics

TIME
Characteristics Of Future Joint Operations

Comprehensive Connectivity

Spatial & Temporal Exploitation

Distributed Combat Power

Freedom of Action

Joint Arms

Combinational Capability
Characteristics Of Future Joint Operations

Comprehensive Connectivity

Comprehensive Connectivity = Fully Networked ….

- Collaborative Information Environment
- Compressed Decision Cycles
- Information and Decision Superiority
- Shared Situational Understanding
- Decentralized Execution
Characteristics Of Future Joint Operations

Logistics Implications

- Comprehensive Connectivity → Shared Understanding Collaboration At All Levels
- Spatial & Temporal Exploitation → Predictive, Adaptive and Responsive -- Based On Shared Understanding
- Combinational Capability → Modular and Interoperable Support Capabilities (From Sea, Land Or Air)
- Distributed Combat Power → Integrated Operations / Logistics Planning and Execution
- Freedom of Action → Robust, Global Distribution Network Enhanced Joint Logistics C2
Future Joint Logistics Capabilities

- Exponentially improve the Joint Force Commander’s decision making ability by providing accurate and timely logistics information and situational understanding.

- Deploy, employ, and sustain joint forces, conducting distributed and non-contiguous operations, in an anti-access or area denial environment.
Focus For Transforming Logistics

Invest Now

- Collaborative Information Suite
- Shared Information Portals
- Real Time Situational Awareness Watchboard
- Decision Support Tools

Quick Wins

- Deployable C2 Suite
  - Joint Log Support Command
  - Application Concepts For Working “Fully Networked”
- Multi-Service Support Units
- Modular/Tailored Support Capability
- Sense And Respond
- Integrated Deployment, Employment and Sustainment Planning and Execution Process - Future

Experiment To Refine

CONOPs “The How”
Log Watchboard … real time reporting of component logistics status for critical log functional areas with drill down

Access to full range of log tools providing access to log information (GTN, JTAV, etc.) and Decision Support Tools

Integrated into MC ’02 CROP … access through Ops or Plans

Log Functional Areas … theater Prepo assets, APOD/SPOD lay-down, medical/engineer reports, sustainment resources and plans

Situational awareness … operational maps with logistics support overlays
Joint Concept Development and Experimentation Strategy

Joint Prototype Path

- Distributive Continuous Experimentation Environment

Leverage Combatant Commander Exercises and Operations

- Standing Joint Force Headquarters
- Operational Net Assessment
- Joint Interagency Coordination Group
- Joint Logistics Common Operating Picture
- Effects Based Operations
- Collaborative Information
- Joint Fires Initiative

Joint Concept Development and Experimentation Strategy

Provide actionable recommendations from experimental results to senior leaders concerning options for future force investments

Leverage Service Sponsored Wargames and Seminars
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