The Joint Staff
Director for Logistics (DJ4)
Lt Gen Duncan McNabb, USAF

ENHANCING JOINT WARFIGHTING THROUGH FOCUSED LOGISTICS ...
INDUSTRY’S ROLE

21st National Logistics Conference
Wednesday, 2 March 2005
Charting the Course

- Strategic Context
- Joint Capability Integration
- Focused Logistics Campaign Plan
Building Logistics Doctrine

1. Defend the United States
2. Operate in-from 4 forward regions to assure, dissuade, and deter
3. Maintain a global force generation capability for surging to:
   - Swiftly Defeat an Adversary A
   - Swiftly Defeat an Adversary B
4. Win Decisively
5. Lesser Contingencies
Governing Logistics Doctrine

Focused Logistics
Joint Functional Concept

Version 1.0 December 2003
An Operational View of Focused Logistics

Rapid delivery of mission-ready forces & sustainment
An Operational View of Focused Logistics

End to End Network Communications
- Common Operating Picture
- Transparent/collaborative

Dynamic Decision Making
- Logistics integrated with operations
- End to End Pipeline Control

Rapid delivery of mission-ready forces & sustainment
An Operational View of Focused Logistics

Bottom line:
Reduced inventory, smaller footprint, faster response

End to End Network Communications
- Common Operating Picture
- Transparent/collaborative

Dynamic Decision Making
- Logistics integrated with operations
- End to End Pipeline Control

Rapid delivery of mission-ready forces & sustainment

Effective, Reliable, Affordable

Reduced inventory, smaller footprint, faster response
Shaping the Future …
a Capability-based approach

Major Sections

- Building Blocks
  - Logistics Transformation
  - Future Logistics Enterprise
- Capabilities
  - Joint Deployment/Rapid Distribution
  - Joint Theater Logistics Management
  - Agile Sustainment
  - Operational Engineering
  - Information Fusion
  - Multinational Logistics
  - Force Health Protection
- Joint Logistics Experimentation
- Keeping Focused Logistics on Track

Comprehensive, integrated approach for achieving full spectrum support for the future joint warfighter

Joint Deployment / Rapid Distribution

... rapidly delivering combat forces to the joint force commander & linking operating forces with viable sustainment systems.
Optimizing Distribution Flow

Distribution Process Owner
Logistics Focus

RDDOC

300
200

Force Provider

200
100
400

En route Pipeline

1000 Short Tons per day

CDDOC

Foxhole
250 Short Tons
250 Short Tons
250 Short Tons

Joint Task Force

250 Short Tons
250 Short Tons

1000 = 1000 = 1000

Capability / Priority Dialogue

Joint Forces Command
Operational Focus
Strategic Mobility Requirements
Global Mobility for a Global Campaign

Airlift  Prepositioning  Sealift

Strategic Mobility Capability

Enroute Infrastructure  Intermodal Enablers  Emerging Technologies
Mobility Capability Study

... assessing end-to-end, full spectrum mobility needs for all aspects of the Defense Strategy

- Quantifying required mobility capabilities
- Identifying gaps, overlaps, alternatives, & way to mitigate risk
Joint Theater Logistics

DPO/JDPO Integration
- Joint Theater Logistics
- Information Fusion

... giving the joint force commander the ability to synchronize, prioritize, direct, integrate, and coordinate cross-service logistics functions

Logistics Community Priority: Build Consensus & Move Out on JTL
Joint Theater Logistics (JTL)

- See the flow of sustainment & forces
- Integrate, prioritize & synchronize
- Collaboration among joint, interagency & multinational partners

JTL is **capability** to exercise directive authority for logistics

Title 10 USC Section 164
JTL Purpose and Functions

Combatant Commander

Joint Force Commander

Joint Theater Logistics

- Distribution
- Commodity Management
- Medical
- Integration
- Services
- Contracting
- Infrastructure

Coordinating Line of Authority

Directive Line of Authority

Component Logistics

Joint Theater Logistics

Component Commander

Joint Force Commander

Land Cmdr

C-4

Maritime Cmdr

N-4

Air Cmdr

A-4

Special Ops Cmdr

C-4

JDDOC
JTL Purpose and Functions:
Peace, War; Swiftly Defeat in Large Scale Operations

JTL Common Support Capabilities

- **Distribution**
  - JDDOC
  - Distribution
  - Mode determination
  - Movement control
  - Forward stockage
  - Priorities Mgmt
  - RSO&I
  - ITV / TAV
  - Theater Opening

- **Medical**
  - Evac Ops
  - CLVIII/ Blood

- **Commodity Mgmt**
  - Munitions
  - Fuel
  - Subsistence/ Water

- **Contracting**
  - Host Nation
  - US
  - Third Country

- **Services**
  - Postal
  - AAFES/NEX
  - MWR
  - Mortuary Affairs

- **Infrastructure**
  - Theater Eng Projects
  - Bare Basing
  - Common Item Repair/Maintenance
  - Environment

- **Integration**
  - Log Integration
  - Coalition
  - Interagency
  - NGOs
  - Components
  - Policy
  - Joint Financial Management

Coordination & Integration
COCOM can tailor to meet the situational need.
Information Fusion

... providing logisticians and operators a *common operational picture* that offers reliable asset visibility & access to logistics resources.
In-Transit Visibility Initiatives

- US released RFID policy mandating
  - Data-rich tags for in-transit visibility throughout DoD
  - Suppliers apply passive tags at lowest possible level (part/case/pallet) – Jan ‘05

- US/UK jointly proposed that NATO adopt RFID for consignment tracking
  - NATO currently studying proposal and planning an RFID pilot in support of Afghanistan by NATO contributing nations
Sense and Respond ... a performance enhancer

Sensors monitor systems onboard a NASCAR in order to minimize time in the pit.

Time = Winning = Money
Applying Sense and Respond in *Focused Logistics*

Our weapon system’s sensors indicate a replacement widget will be required in 6 hours.
Applying Sense and Respond in *Focused Logistics*

Within seconds, the widget is shown to be available in theater …
Here! Here! Here! And Here!

Our weapon system’s sensors indicate a replacement widget will be required in 6 hours.
Our weapon system’s sensors indicate a replacement widget will be required in 6 hours. A nearby ship is determined to be the optimum provider. A helicopter is dispatched to make the delivery.

Within seconds, the widget is shown to be available in theater … Here! Here! Here! And Here!

End User
Applying Sense and Respond in Focused Logistics

Our weapon system’s sensors indicate a replacement widget will be required in 6 hours.

Within seconds, the widget is shown to be available in theater … Here! Here! Here! And Here!

Simultaneously, DLA dispatches a replacement widget to the ship.

A nearby ship is determined to be the optimum provider. A helicopter is dispatched to make the delivery.
Our weapon system’s sensors indicate a replacement widget will be required in 6 hours.

Within seconds, the widget is shown to be available in theater … Here! Here! Here! And Here!

Simultaneously, DLA dispatches a replacement widget to the ship. A nearby ship is determined to be the optimum provider. A helicopter is dispatched to make the delivery.

The movement of the widget from DLA stock immediately triggers replenishment from the industrial base.
Our weapon system’s sensors indicate a replacement widget will be required in 6 hours. Within seconds, the widget is shown to be available in theater … Here! Here! Here! And Here!

A nearby ship is determined to be the optimum provider. A helicopter is dispatched to make the delivery.

The movement of the widget from DLA stock immediately triggers replenishment from the industrial base.

Sense & Respond = Transformational Effects
GCSS – the Logistics Linkage for Joint C2

Close link between command and control and combat support

One fused picture of logistics for analysis and execution
Wrap up … Where We Are Going

Building logistics capabilities that are:

- Fully Integrated
- Expeditionary
- Net centric
- Decentralized
- Adaptable

Fully Enabled by Dynamic Decision Making

Industry’s Role
Industry … Your Role

- Compress the Supply Chain
- Reduce Cycle Time
- Dynamic Decision Making Tools
- Embrace Performance Based Logistics
- Leverage Public-Private Partnerships

Attributes for Logistics Success -- Effective, Reliable, Affordable
Questions?