NDIA Disruptive Technologies Conference
Logistics Gaps

Lt Col Lisa Hess
Joint Staff (J-4)
Logistics Functional Capabilities Board
To outline Logistics capabilities and potential avenues for S&T focus
Logistics Capability Landscape

Gaps ID’d by COCOMS, Services, Agencies, Joint Staff

Joint Capability Areas
Supply – Maintain – Contracting Support – Engineering
Deployment and Distribution – Logistic Services – Installation Support

Future Defined by Joint Integrating Concepts for each JCA

Solutions measured by SWarF Attributes

2010 Capability Gap 2016 - 2028
Deployment and Distribution

- Move the Force
- Sustain the Force
- Operate the Joint Deployment Distribution Enterprise (JDDE)

Attributes
- Visibility
- Reliability
- Velocity
- Precision
- Capacity

Potential Areas of Interest
- Intra-Theater Distribution
- Fuel and Ammo Mobility
- Operational C2
- Seabasing
- Cyber Protection
- Forced Entry
- Agile Logistics
- CBRNE Survivable
 Deployment and Distribution (Cont’d)

- Move the Force
- Sustain the Force
- Operate the Joint Deployment Distribution Enterprise (JDDE)

Attributes
- Visibility
- Reliability
- Velocity
- Precision
- Capacity

Potential Areas of Interest
- Containerization
- Sustainment
- Inter-Theater Airlift
- Aerial Refueling
- Strategic Sealift
- Distribution Networks
- Unmanned Logistics Delivery Systems
- Autonomic Logistics
- Energy Reduction
• Manage Supplies & Equipment

• Inventory Management

• Manage Supplier Networks

Attributes
  - Responsiveness
  - Sustainability
  - Flexibility
  - Survivability
  - Attainability
  - Economy
  - Simplicity

Potential Areas of Interest
  - Prepositioning
Maintain

- Inspect
- Test
- Service
- Repair
- Rebuild
- Calibration

Attributes
- Sustainability
- Responsiveness
- Attainability
- Flexibility
- Economy
- Survivability
- Simplicity

Potential Areas of Interest
- Predictive Maintenance
- Remote Monitoring
Logistic Services

- Food Services
- Water and Ice Service
- Basecamp Services
- Hygiene Services

Attributes
- Responsiveness
- Attainability
- Sustainability
- Flexibility
- Economy
- Survivability
- Simplicity

Potential Areas of Interest
- Water Packaging
- BARE Base Set Generator
- Modular Services
- Mobile Food Services
- Mobile Mortuary Affairs
- Expeditionary Basing
Operational Contract Support

- Contract Support Integration
- Contractor Management

Attributes
- Responsiveness
- Attainability
- Flexibility
- Survivability
- Sustainability
- Simplicity
- Economy

Potential Areas of Interest
- Process Management
Engineering

- Combat Engineering
- General Engineering
- Geospatial Engineering

Attributes
- Effective
- Expeditionary
- Agile/Tailorable
- Networked
- Integrated
- Precise
- Enduring/Persistence

Potential Areas of Interest
- Airfield Damage Repair
- Well Drilling
Installation Support

- Real Property Life Cycle Management
- Installation Services

Attributes
- Responsiveness
- Sustainability
- Flexibility
- Survivability
- Attainability
- Economy
- Simplicity

Potential Areas of Interest
- Portable Airfield Lighting
- Base Support