Power Projection:
- Where We Were
- Where We Are
- Where We Need To Be

Mike McDuffie
Group President,
Information Systems Group

May 18, 2004

1

Overview

- ➤ **NDIA Power Projection Symposium: Then and Now**
- ➤ **Where We Were**
- ➤ **Where We Are**
- ➤ **Where We Need to Be**
- ➤ **Our Challenge**

NDIA Power Projection Symposium

WHEN WE STARTED:

➢ **Need for a JOINT POWER PROJECTION FORUM**

WHY WE NEED IT TODAY:

➢ **Focus Joint Power Projection Capability Development:**

- *Joint Expeditionary Mindset*
- *Joint Capabilities-based Designs*
- *Keep Pace with Evolving Technology*

➢ **To Support:**

- *Global War on Terrorism*
- *Joint Warfighting*
- *Transformation*

Power Projection: Where We Were

- **Fighting for Airlift (MRS-05)**
  - **54.5 MTM per day for 1 MRC plus posture of engagement**

- **Fighting for Mobility Technology Recognition**
  - **High Speed Vessels**
  - **Ultra-large Airlifters**

- **Fighting for a single Joint Deployment Process**

- **Fighting for Logistics Transformation**
  - **Customer Wait Time, Time Definite Delivery, Web-Enabled Capabilities, Log Interoperability**

- **Fighting for JLOTS requirements**

- **Preparing to fight for Joint Logistics in QDR 2001**

- **Prosecuting Criminals instead of Fighting The Enemy**

Motivation

"We must take the battle to the enemy, disrupt his plans, and confront the worst threats before they emerge."
George W. Bush, 01 June 2002

?? Next ??

Non-State Actors

WTC, Pentagon & PA 2001

USS Cole, 2000

Failed States

Embassies: Kenya and Tanzania, 1998

Khobar Towers, Saudi Arabia, 1996

Weapons Proliferation

World Trade Center, 1993

Chem Bio

Power Projection: Where We Are

- **Fighting a global war against a formidable enemy**
    - **Leveraging our power projection capabilities and buying more**

- **Distribution Process Owner (DPO) – Distribution Transformation Task Force**
    - **USTRANSCOM leading the charge and "Getting after it - end to end"**

- **Joint Deployment Process – JFCOM progress, now integrating with DPO**

- **Commitment to technology insertion**
    - **High Speed Vessels – Intra-Theater**
    - **RFID & UID**
    - **Enterprise Integrated Data Environment**
    - **GCSS FoS – Progress but delays (CoCOM top 57 by 2007)**

- **Joint Logistics Well Positioned in Joint Operational Concept (JOpsC) Development**

➢ **Global War on Terrorism and WMD is <u>THE DRIVER</u>:**

  ➢ Strategy,
  ➢ Joint Operational Concept Development,
  ➢ Capabilities Research and Development,
  ➢ Force Structure Procurement and Modernization,
  ➢ Resource Allocation
  ➢ Overseas Presence and
  ➢ Operational Rotations.

➢ Joint Logistics Capabilities Supporting GWOT & WMD will accelerate, others will fight for resources

➢ Power Projection capabilities must make their case as Joint Warfighting Capabilities

Power Projection: Where We Need to BE

- **Power Projection and Mobility Technologies**

- **Rapid "Way of Life" Technology Insertion**
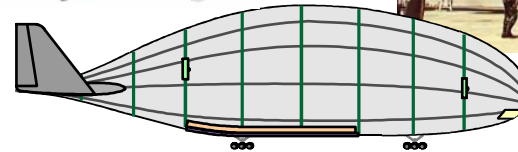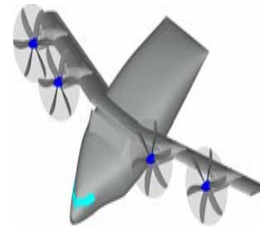 - **Wireless**
  - **Collaborative**
  - **Interoperable**

- **New Joint Logistics Concepts**

Were We Need to Be (Mobility Technology)

- **Airlift**
  - **C-17s – need more capability**
  - **C-5s – keep improving readiness**
  - **C-130 replacement (FATBOY)**
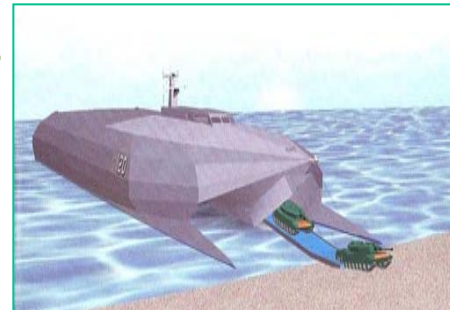 - **Ultra-Large Airlifters (WALRUS)**

- **Sealift**
  - **High-Speed Vessels (Inter-Theater)**

- **Prepositioning and Anti- Access**
  - **Selective Offload (leverage RFID and UID)**
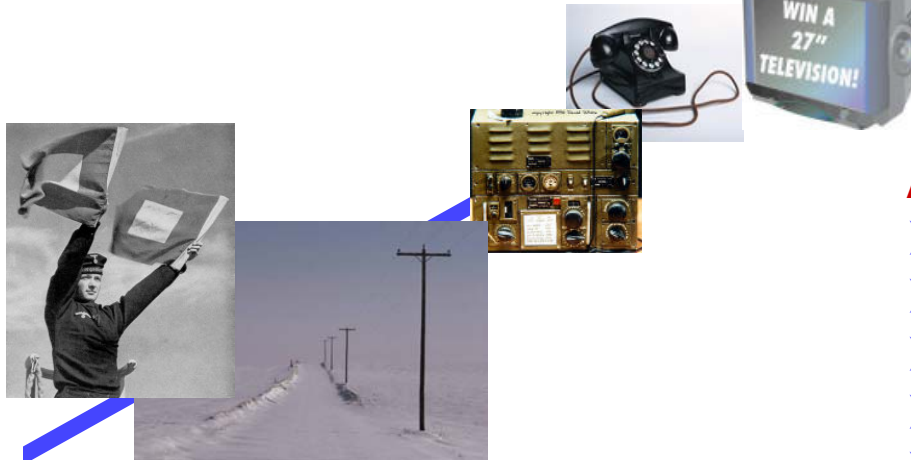 - **JOINT SeaBasing**

Mobility Capabilities Study is an opportunity

Way of Life Technology Insertion

APPLICATION BENEFITS:
- ➢ *"Way of Life" Technology Insertions*
  - ➢ Wireless Force Closure & Sustainment
- ➢ *Enterprise Architecture and RFID Convergence*
  - ➢ Collaborative National Inventories
  - ➢ Materiel Movement Integration
- ➢ *Network Centric Operations*
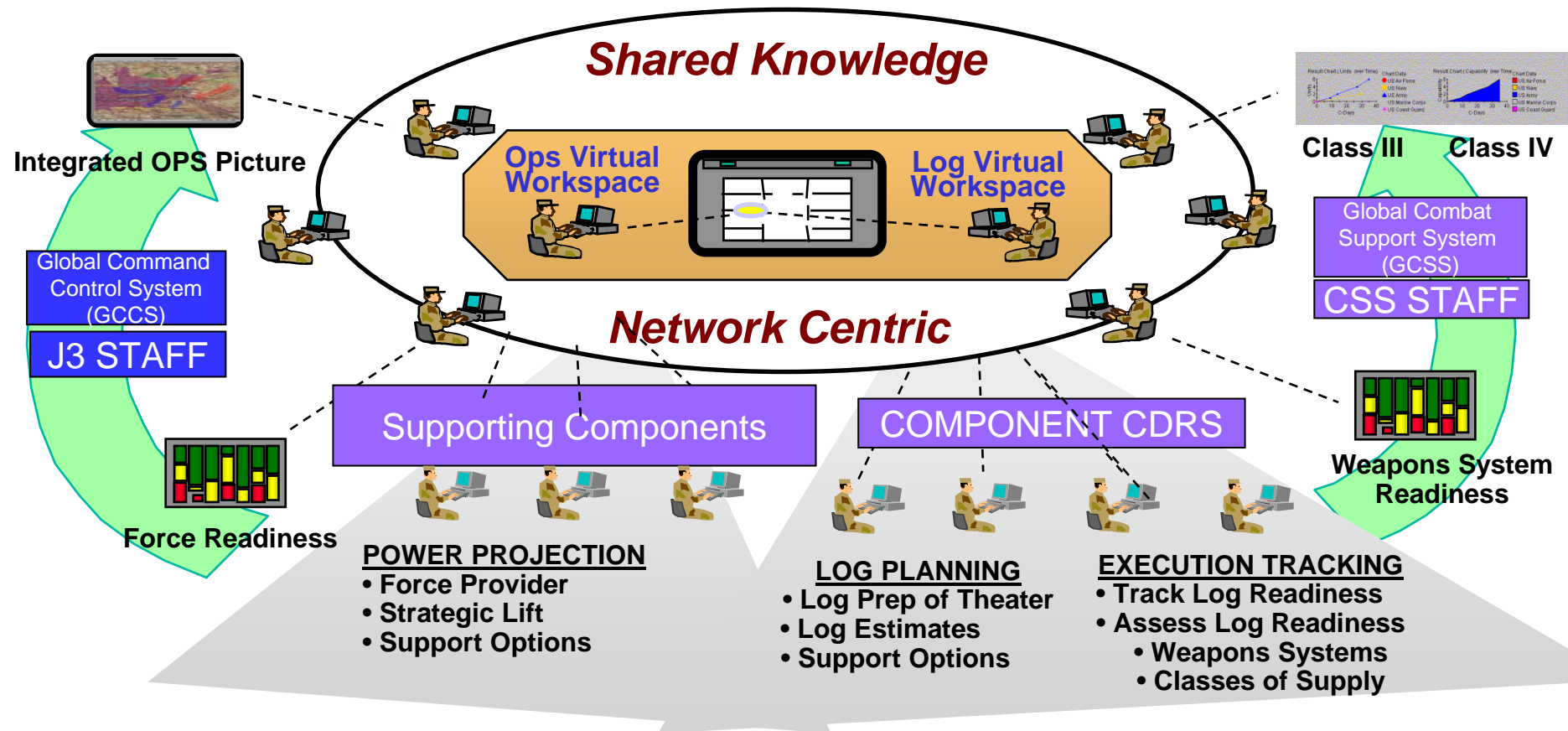 - ➢ Real Time Collaboration
  - ➢ Joint Prioritization & Resolution

GCSS COP

APPLICATION BARRIERS:
- ➢ Security (Classified and UNCLAS)
- ➢ Interoperability Standards
- ➢ International Frequency Controls
- ➢ EMI Vulnerabilities
- ➢ Weight of Multiple "Wearables"
- ➢ Batteries

End State…
Logistics Collaboration as Force Multiplier

Provide Warfighter real-time operations & logistics collaborative capability to support planning and execution

Shared Knowledge

Integrated OPS Picture

Global Command Control System (GCCS)
J3 STAFF

Force Readiness

Ops Virtual Workspace

Log Virtual Workspace

Network Centric

Class III **Class IV**

Global Combat Support System (GCSS)
CSS STAFF

Weapons System Readiness

Supporting Components

COMPONENT CDRS

POWER PROJECTION
• Force Provider
• Strategic Lift
• Support Options

LOG PLANNING
• Log Prep of Theater
• Log Estimates
• Support Options

EXECUTION TRACKING
• Track Log Readiness
• Assess Log Readiness
   • Weapons Systems
   • Classes of Supply

Integrated, Accurate, Timely, Shared Data
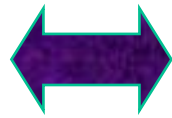
Where We Need to Be (Interoperability)

➤ Accelerating Logistics Information Technology compels rapid adaptation:

  ➤ **Systems must be either integrated or interoperable**

    ➤ *Legacy stovepipes vs. ERP vs. Integrated Data Environments*

  ➤ **Multi-Security Levels** ("classified" systems draw data from "secure" businesses)

  ➤ **Information Assurance** (vulnerability to information warfare)

  ➤ **Organizational Agility** (new capabilities drive new rules & tools)

  ➤ **Collaborative National Inventories** improve logistics effectiveness and speed
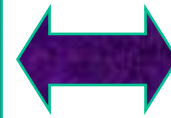
Joint Deployment, Employment and Sustainment (JDES)

| Deployment | ⟷ | Employment | ⟷ | Sustainment |

Mobilization

Prepo/Bare Base Assets

APOD/SPOD

Bridging/LOC

Chemical, Biological, Radiological and Nuclear Defense

Munitions

Combat Support/Combat Service Support

Joint Theater Logistics Management

Critical Commodities Oversight

Contractor Logistics Support/Host Nation Support/ Coalition Support
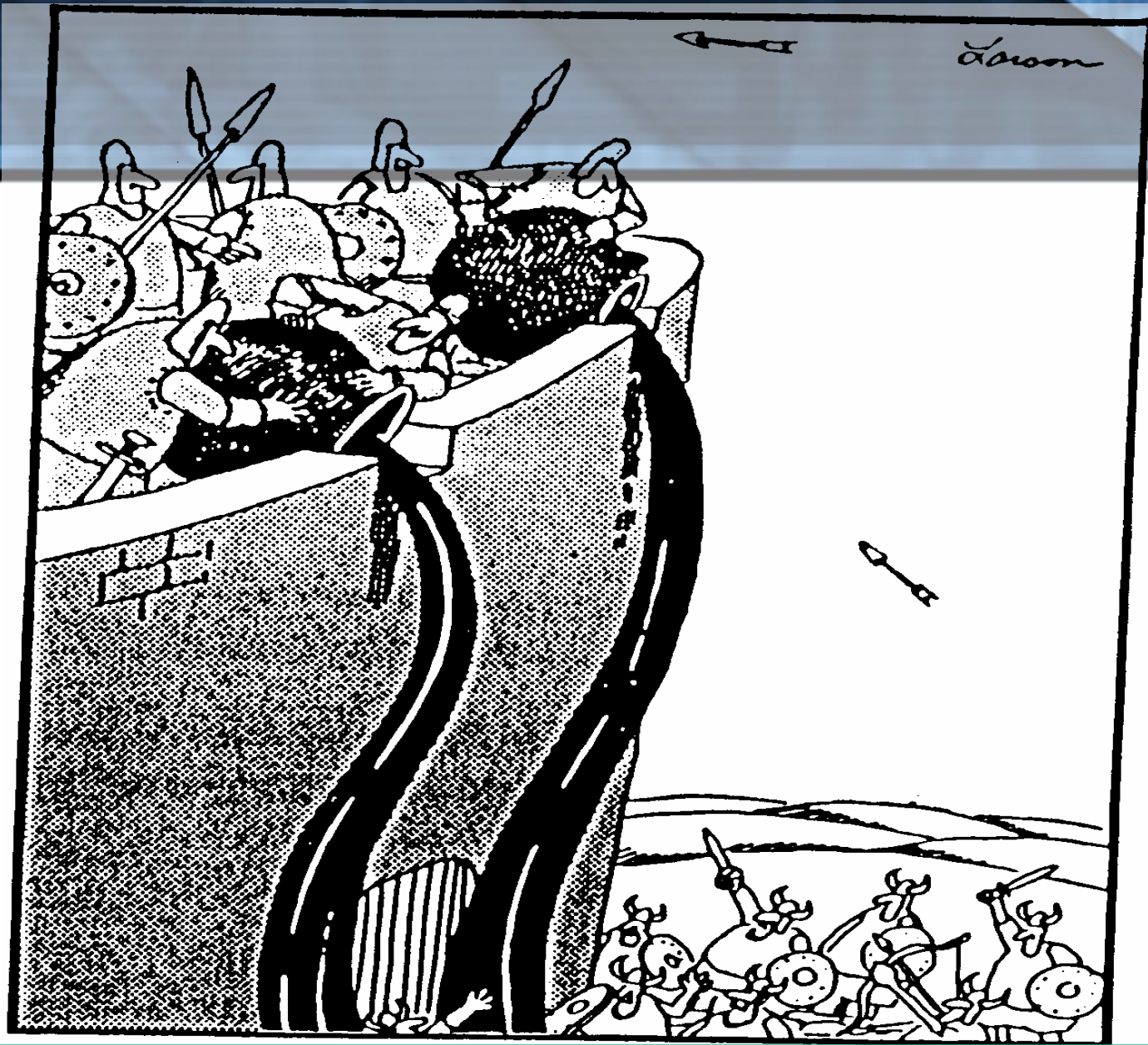
Redeployment

Regeneration

Our Challenge

➢ **Joint Logistics Capabilities Supporting GWOT & WMD will accelerate. Others will fight for resources.**

➢ **Joint Warfighting is now the norm. "Jointness" is accelerating.**

➢ **Make the case for Power Projection Capabilities – Now is the time**

➢ **Accelerating Logistics Information Technology compels rapid adaptation and organizational agility**

➢ **Power Projection has never been more important**

C-17 and Joint SeaBasing???

"You know, I have a confession to make, Brian.
Win or lose, I love doing this."