

Dynamic Logistics to Meet Evolving Threats



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Outline

- Evolution of Maritime Logistics from independence towards interdependence
- Operational Integration (Unity of Effort)
 - Joint Theater Logistics
 - Seabasing
- Industrial (Supply Chain) Integration
 - PBL



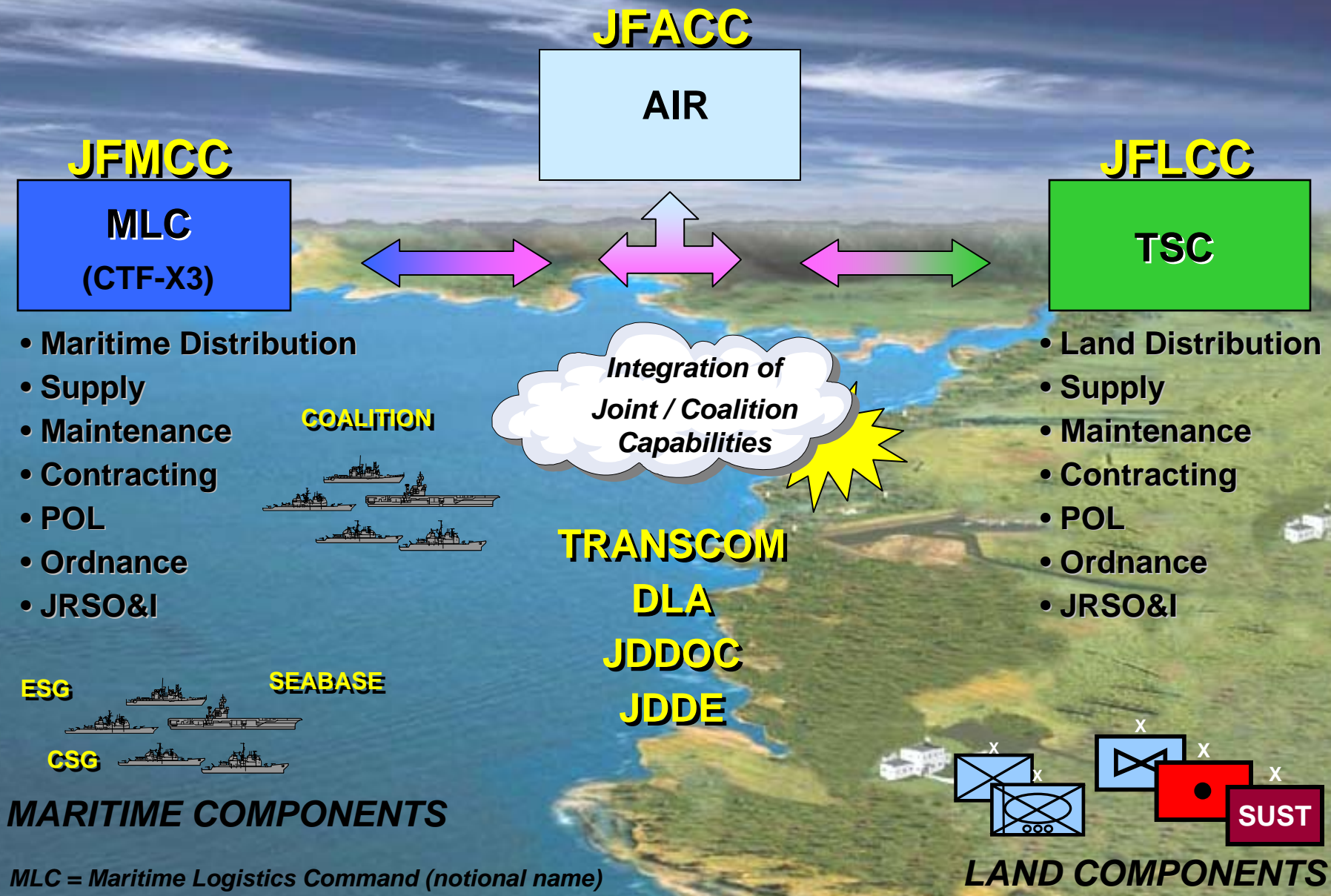
Joint Maritime Logistics Framework

- Maritime Logistics...Historical Context
 - Logistics support focused on afloat forces
 - Material flow enabled with dedicated lift
 - Independent of other services
- Changing Maritime Domain
 - Littoral operational context
 - Seabasing implications
- Future Maritime Logistics Framework
 - Integrated joint component
 - Developing Joint Concept

*Responding to a
new threat
environment*

Joint Theater Logistics Management Concept

Growing Joint Connectivity



- Maritime Distribution
- Supply
- Maintenance
- Contracting
- POL
- Ordnance
- JRSO&I

- Land Distribution
- Supply
- Maintenance
- Contracting
- POL
- Ordnance
- JRSO&I



Joint Seabasing

Speed, Access and Persistence

Using these principles

The sea as maneuver space...
Leverage forward presence...
Expand access options
... reduce dependence on land bases
Create uncertainty...
Protect joint forces...
Scalable, responsive joint power projection...
Sustain joint force operations...

Seabasing will be

Interoperable and interdependent
Fires – NSFS, Aviation, Bombers
Maneuver - Connectors
Sustainment – Timely, efficient
C4ISR – Common Operating Picture
Force Protection – Air, Sea and Land

...and will allow us to pursue these lines of operation



Close: Within 10-14 days
Assemble: At sea within 72 hours of arrival
Employ: One Brigade within 8-10 hrs
Sustain: **Up to two joint brigades**
Reconstitute: For follow-on operations



Supply Chain Integration

- Supply Chain “Integration” enables Joint effects
 - Transforming expectations
 - *“Less inventory ↔ Performance Based Logistics”*
 - Cooperative Logistics Arrangements (with Repairable Item Replacement) remains accessible to “core” supply chain
 - Non-Standard Procurement



PBL “Partnerships” with Industry

Performance Based Logistics (PBLs) ... Leveraging Industry Partners

System

PBL Benefits

**SECDEF
2005
Winner**

Auxiliary Power Unit:

BBs down from 125 to 0 ... 18 reliability improvements incorporated

**Model
for
BRAC**

Aviation Tires:

Wholesale inventory down, 50,000 to under 5,000 (DLA storage savings) ... retail inventory reduced

AEGIS:

BBs down from 155 to 6

F/A-18 Stores Mgmt Sys:

Customer Wait Time down, 47 days to 7 ... NAS Lemoore SHORCAL reduced by 30%

CIWS:

BBs down from 200 to 3 ... \$11.5M retail inventory reduction through FY13

**SECDEF
2005
Winner**

F404 Components:

BBs down from 710 to 0

ALR-67V3:

Increased reliability by 76%, MTBF was 300 ... today 527

***"PBLs ... The Pentagon is Buying Smart " ...
Aviation Week and Space Technology 10/31/05***



Additional Opportunities

- **Need to explore partnerships to achieve broader savings**
- **Current Candidates include:**
 - **H-53 and KC-135 APUs - Air Force / Navy**
 - **APX-118 IFF System - Army / Navy**
 - **V-22 - Air Force / Navy**
 - **Joint Helmet (JHMCS) - Air Force / Navy**
 - **CIWS - Army / Navy**



Summary

- Evolving Environment...evolving threats
 - From independence to interdependence
- Joint Theater Logistics strengthens unity of effort
- Seabasing is about Joint integration
- PBL's: Partnerships for efficiency and effectiveness