Joint Logistics Over-The-Shore

USTRANSCOM & JLOTS

Program Update
Briefing Topics

• JLOTS Mission & Importance
• JLOTS Capabilities/Equipment
• USTRANSCOM Oversight Responsibilities
• Current Assessment of JLOTS Capability
• Road Map to the Future
Joint Logistics Over-the-Shore (JLOTS) is a unified commander’s joint employment of Army and Navy LOTS assets to deploy and sustain a force. JLOTS operations allow U.S. strategic sealift ships to discharge through inadequate or damaged ports, or over a bare beach. JLOTS watercraft can also be used to operationally reposition units and materials within a theater.

“JLOTS Vision 2010”

BOTTOM LINE: JLOTS is a Strategic Insurance Policy
Why do we need JLOTS?

REALITY:

• More deep draft vessels in strategic sealift fleet
• Worldwide deep draft ports remain limited in many areas
• Port denial is expected
• Critical to the Warfighter!
• Defense Planning Guidance
  – Army/Navy conduct one liquid and dry cargo JLOTS annually in conjunction with a CJCS exercise
• Train the Force IOT Maintain the Capability

JLOTS Offsets:

 ➤ Port Denial
 ➤ Port Draft
 ➤ Port Congestion

JLOTS Provides a Unique Capability
JLOTS Operations:
Past and Future

1990
Desert Storm
- Ports not available
- Ports inadequate
- Ports denied
- Limited road network
- Enemy expects us to use major ports

1994
Somalia

1999
Hurricane MITCH

Supports Force Closure and Sustainment

Korea
JLOTS Capabilities

- Provide Intra-theater Lift
- Augment an established port
- Supplement a degraded port
- Create a port
Floating causeway ferry discharge

Trident Causeway Pier

Elevated Causeway

RO/RO Discharge Facility

LCU-2000

Logistics Support Vessel

JLOTS Equipment
Strategic Sealift JLOTS Support Vessels

Heavy Lift Ship (HLPS)

Sea Barge Carrier (SEABEE)

Auxiliary Crane Ship (T-ACS)

Lighter Aboard Ship (LASH)

Joint Operations - Interoperable
Logistics Support Vessel

Key Equipment “Dry” JLOTS

Fast Sealift Ship

Roll On/Roll Off Discharge Facility

Side Loading Warping Tug

Causeway Ferry

Roll On/Roll Off (RO/RO) Operations
Navy LCU 1600

Auxiliary Crane Ship (T-ACS)

Army LSV

Commercial Container ship

Key Equipment
“Dry” JLOTS

Lift on/Lift Off (LO/LO) Operations

Navy LCU 1600
Oversight Responsibility

1987 CJCS Implementation Plan:

JLOTS oversight → USTRANSCOM

Oversight defined as:

- Advocate for JLOTS Program
- Proponent for Joint Doctrine (TTP)
- Planning Assistance to CINC
- Review of POMs
- Oversight of Exercises

Program Areas

- DOCTRINE
- FORCE STRUCTURE
- INTEROPERABILITY
- PLANNING
- EXERCISES
Our VISION: A trained and ready force capable of planning and executing JLOTS operations to meet geographic CINC's theater deployment and sustainment requirements.

Our GOAL: A coordinated, comprehensive program that ensures training and readiness of JLOTS forces and evaluates planning and execution of JLOTS operations.

Our STRATEGY: A partnership between JCS, USTRANSCOM, CINC's and Service operating forces in planning, executing and evaluating JLOTS operations.
How We Define Success......
......How Well We Are Doing

- **DOCTRINE** - JLOTS doctrine is “up-to-date”, understood, incorporated in service doctrine and implemented by operating forces and CINC staffs.

- **FORCE STRUCTURE** - Service LOTS force structure is properly equipped and apportioned to meet DPG and CINC mission requirements.

- **INTEROPERABILITY** - Service LOTS forces and equipment capable of operating together as part of a Joint Task Force.

- **PLANNING** - Each CINC’s JLOTS requirements are defined and articulated in OPLANs and CONPLANs.

- **EXERCISES & TRAINING** - JLOTS exercises and training are planned, programmed, and executed to meet training objectives.

Current Assessment

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**FY01 JLOTS Timeline**

- **SEP**: JLOTS Pub Review
- **OCT**: AAR/ JULLS Input
- **NOV**: Evaluation Process
- **DEC**: Doctrine fixed
- **JAN**: Army Watercraft Plan
- **FEB**: Impact Reconciled
- **MAR**: SS3 R&D on track
- **APR**: JLOTS in OPLANS
- **MAY**: FY02-07 Exer. funded and planned
- **JUN**: FY02-07 Exer. funded and planned
- **JUL**: FY02-07 Exer. funded and planned
Baseline JLOTS Exercise

- Joint Task Force Hq
- Joint Command & Control
- Forces structure of 800 - 1200 personnel
- Liquid/dry cargo operations
  - Wheeled/tracked vehicles (RO/RO) = force deployment
  - Containers (20-/40-foot) (LO/LO) = ammo/sustainment
  - OPDS = POL
- Interoperable systems
  - Tactical (ELCAS, RRDF, OPDS and mix of watercraft)
  - Strategic Shipping - 4 vessels
    - LMSR, FSS , or RRF RO/RO
    - Container ship
    - T-ACS crane ship
    - OPDS tanker
- Formal evaluation and after action review/report
Combined/JLLOTS01 General CONOPS

ConOps employ...
Navy ELCAS
1 LSV (JLOTS & intra-coastal)
OPDS/IPDS
Floating causeways
Causeway pier
LCU 1600s (TBD)
RSO via motor of 60 TEU

First container ashore 1 Jun 01:
- 300 at Chilpo
- 200 at Chinhae

OPDS Tanker linked to IPDS (DESC swap out)

1 LSV from CONUS
Army LCM-8 Loading Navy LARC 5
ELCAS (M) Construction at Chilpo Beach
ELEVATED CAUSEWAY SYSTEM - MODULAR IN ACTION (‘BOUT TIME!)
Inshore Boat Units for Force Protection
Exercises Summary

- 143D TRANSCOM was JTF & JLOTS Commander
- 1498 personnel all Services
- 634 visitors US/ROK, 26 were 2-star or above (7 4-stars)
- Strategic ships: Commercial containership, OPDS tanker, T-ACS crane ship, SEABEE vessel, and container tug/barge.
- Key systems employed included:
  - Elevated Causeway System (ELCAS)
  - Offshore Petroleum Discharge System (OPDS)
  - Inland Petroleum Distribution System (IPDS)
  - Logistic Support Vessel (LSV)
- 1-5 June 01 discharge
  - 275 containers of munitions from ship to staging area via ELCAS (recycled throughout exercise)
  - 65 containers moved inland via truck to ammunition storage points
  - 101 containers offloaded to LSV & ROK LCU 1600 for intra-theater movement to Chinhae
  - 3.5M gallons water pumped from OPDS tanker to IPDS
“On the Screen”

Native Atlas (CENTCOM - JLOTS FY02)
- APS port opening package download
- NTC Deployment (3 ID)
- Containerized Ammo (Turbo Cads)
- Wet cargo Ops
- Execution: Mar-Apr 02, Camp Pendleton, CA

3ID Deployment to NTC

APS-3 Maintain Cycle
**JLOTS Exercise Schedule**

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- Promulgated to CINCs by CJCS 29 Jan 01
  - Guidelines for alternate exercise established (CONUS acceptable!)
- Baseline exercise defined in FY00 at JLOTS Board/GOSC
- JLOTS exercise schedules entered in Joint Training Information Management System (JTIMS) by USTRANSCOM
  - USTRANSCOM is sponsoring CINC; Regional CINCs are scheduling CINCs
  - Notional JMET, CONOPS, Force Structure, funding data
JLOTS Value Added

- Support CINC Deployment & Sustainment Requirements
- Ensure Interoperability
- Theater Engagement to Demonstrate Capability
- Offload & RSOI at Port(s) & in Over-the-Shore Operations
- Train DOD JLOTS Operating Forces & Merchant Mariners