NAVAL OPERATIONAL LOGISTICS
INTEGRATED PRODUCT TEAM
(NavOpLogIPT)
Defining Operational Logistics

- Embarkation & intra-theater transportation on strategic air and sealift assets
- In-theater logistics
  - Forward maintenance and battle damage repair
  - Distribution, cargo storage/handling; movement of personnel and medical support functions
  - Movement of material and personnel by shuttle lift from logistic support bases or forward logistic sites
- Battle Force /Unit logistics
  - Distribution, maintenance and resupply
- Operational Logistics Planning
  - Unit/Battle Force consumption estimates,
  - Apportionment and allocation of resources and services
  - War plan sufficiency
Operational Logistics
A “System of Systems” Approach

1. Direct Vendor Delivery
2. Contract or Logistics Support
3. Joint Logistics Systems

Containers or “Navy Std Packages”
Shore Staging
Commercial Ship or CLF Ship
Commercial Ship
Advance Base or Mobile Sea Base
CLF Ship
Objective

DLA & Third Party Logistics

1996

Total Asset Visibility

229

Objective

CLF Ship
ARG Ship
LCAC or TLV/LSC

Destroyer
CLF Ship
CVN
Operational Logistics

• Material Distribution Issues:
  – Manpower intensive
  – 1960’s technology
  – Non-Standard systems
    • material handling/ordnance
    • underway replenishment
    • packaging (cube/weight/unit issue)
NavOpLog IPT

Purpose

• Establish a cross functional Integrated Product Team (IPT) to:
  - Review logistics requirements of legacy and future ships
  - Propose solutions for future afloat operational logistics systems

• Team of ship program sponsors, program managers, engineering labs and warfighters
Why NavOpLog IPT?
Naval Logistics -- Supporting the Warfighters

- FY 2000 DoD Logistics Strategic Plan (Aug’99)
- “High Yield Logistics” Transforming Naval Logistics
  - Three Pillars-
    - Outsource
    - Optimize Resources
    - Reduce infrastructure
- Improve & modernize afloat distribution
NavOpLogIPT
Mission

• Establish policy and doctrine for future operational logistics and afloat integrated supply systems
• Consolidate and integrate the logistics requirements and initiatives of acquisition programs
• Provide a forum for cooperative engagement among program sponsors, engineering managers and fleet customers
NavOpLog IPT
Value

• Improve affordability -- Synergistic programmatic approach to afloat logistics
• Improve efficiency -- Consolidate Navy-wide logistics requirements for current and future ships
• Improve effectiveness -- Support warfighting capability with enhanced logistical support
• Streamline logistics planning in acquisition programs
NavOpLog IPT
Structure

• IPT Leadership Group:
  - Provides guidance, oversight, empowerment of IPT
  - Identifies issues, set priorities, reviews IPT products

• Membership:
  
  ASN(RDA)       COMNAVSEASYSCOM
  DCNO N4        COMNAVAIRSYSCOM
  DCNO N7        COMNAVSUPSYSCOM
  COMSC CINCLANTFLT
  CINCPACFLT
NavOpLog IPT Structure

• **NavOpLog IPT Steering Group:**
  - Recommend direction of operational logistics systems
  - Integrate engineering development of operational logistics programs with policy, doctrine, acquisition processes, warfighting maintenance requirements using a “systems of systems” approach

• **Membership:**
  - O6 level representatives of member organizations (leadership group divisions/departments plus others such as USMC, NWDC, CNA, ONR)
NavOpLog IPT Structure

• IPT Working Groups
  – Investigate and recommend solutions to specific issues of operational logistics

• Membership:
  – Members of the IPT
  – Subject matter experts
  – Specific engineering divisions
  – Naval laboratories
NavOpLog IPT
Working Groups

• Underway Replenishment Transfer Systems
  - Reduce manpower requirement, increase rate/volume/weight/safety

• Distribution Systems Engineering & Methodology
  - Shore to Ship distribution interface; physical distribution innovations, logistics C4, manpower concentration in distribution nodes, automation

• Internal Material Handling Systems
  - Munitions, Stores storage & movement; commonality of platform requirements, potential for automation, crew reduction, asset visibility

• Packaging & Containerization Methodology
  - Munitions & material handling requirements, standardize containers; weight/cube/issue amount, ISO compatibility, building blocks concept, automation, asset visibility

• Operational Logistics Concepts & Doctrine
  - Naval wide operational logistics view/vision, integrating all naval resupply and replenishment systems