



Strategic Mobility 21

March 2007

Strategic Mobility 21 Vision



- Design, develop, validate and deploy a network-centric, collaborative military-commercial distribution platform prototype -- the Joint Power Projection Support Platform (JPPSP)
 - Support rapid deployment, agile sustainment, and information fusion of Joint Force capability
 - Serve as model for development of commercial and military distributed, adaptive distribution networks (e.g., Joint Sea Base)

Strategic Mobility 21 Mission



- Deploy distribution logistics experimentation, demonstration and development prototype facility to function as
 - National logistics training site for DoD mission rehearsal
 - Joint Logistics Experimental Training Test-Bed (JLETT)
 - Commercial Global Logistics and Security Academy
- Execute dual-use* collaborative 4yr JCTD to develop JPPSP
- Ensure Strategic Port Assured Access and deconflict military and commercial operations in seaports
- Increase safety & security of regional distribution networks
- Meet commercial forecasted throughput demand and mitigate goods movement community, environmental & congestion impacts

* *Dual-use is defined as joint military and commercial*

Joint Power Projection Support Platform



- An integrated node in the commercial distribution system
 - Multi-modal freight terminal
 - Supported by a properly sized intermodal rail switching yard
- An integrated node in the Joint Deployment and Distribution Enterprise (JDDE)
 - Pre-staging area for Force Deployments and global Complex Human Disasters
 - Integration point for sustainment and force deployment
 - Future support for the Sea-Basing Concept

SM 21 Operational View

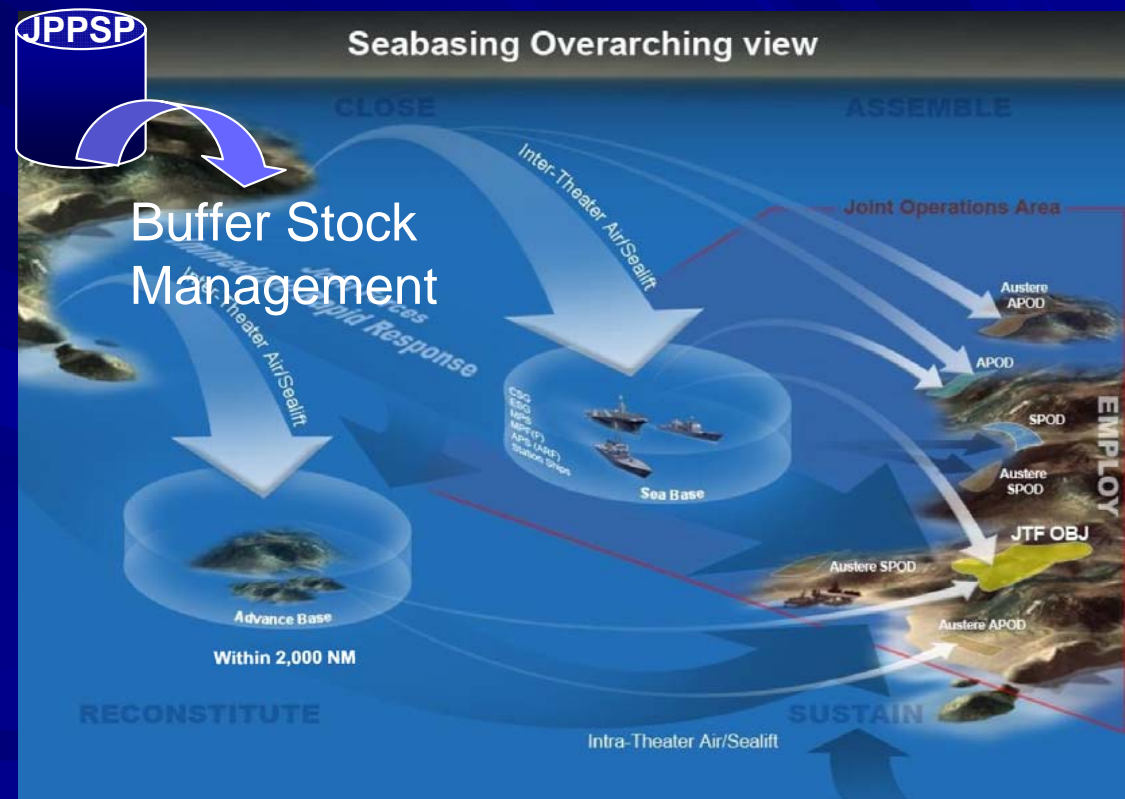
Strategic Mobility 21 – OV-1



Sea Base Collaboration

Strategic Mobility 21 Collaboration with CCDoTT and LMI

- SM21 is collaborating with CCDoTT and LMI on the:
 - Evaluation of time required to establish the Sea Base sustainment pipeline from CONUS
 - T-AKE sustainment supply loading options
 - Evaluation of the Advance Base throughput and cargo handling requirements using modeling and simulation

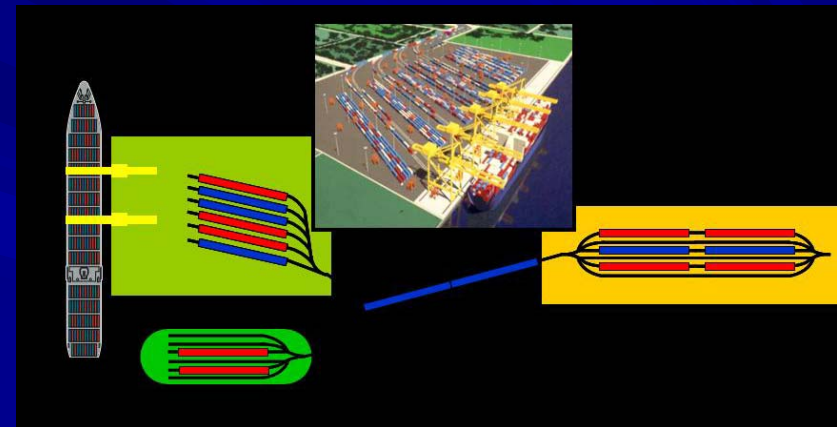


PNW Agile Port System Demonstration

Strategic Mobility 21 Collaboration with CCDoTT and TranSystems

- SM21 is collaborating with CCDoTT & TranSystems on the:
 - Demonstration Parameters:
 - Support **evaluation & simulation of APS** to determine the value/benefits to DoD
 - Evaluate commercial APS and current military deployment processes to **determine the best commercial and military IT systems** and processes to support deployments
 - PNW APS Demonstration:
 - If approved: Support the **APS demonstration** during an actual military deployment from Fort-to-Port

Agile Port System



Future Program Directions

FY 06/07/08



- Validate JPPSP through JROC using JCIDS process
- Stand up JLETT and Global Logistics and Security Academy as “charter” unit within CSU system
- Execute Future logistics capabilities joint experimentation campaign and demo exercises
- Demo Green Freight Corridor & Int dray appt system
- Transition SM 21 program into:
 - S&T lead in Network centric logistics (SRL)
 - O&M Joint DoD wide program of record
 - Multi-modal logistics data service center

SM21 Outcomes and Effects



- Establish collaborative logistics education, training, operational battle lab & test bed w/JFCOM
- Stand up pre-deployment logistics training capability at NTC and 29 Palms MAGTC
- Develop knowledge enabled logistics repository and distance learning capability within JFCOM JNTC
- Transfer skill, knowledge and capabilities of JPPSP C2 node IT & business process reengineering to other domains (e.g., CONUS intermodal facilities, NATO RRC, Joint Sea Base)
- Exploit full commercial & military potential of Network Centric Logistics and Sense & Respond Logistics