

# Focused Logistics Roadmap



## Volume II

SEPTEMBER 2005

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## Volume II

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# Appendix A Programs of Record that Support Tier 2 Focused Logistics Capabilities

The military services, COCOMS, and defense agencies identified the following programs of record as primarily supporting Tier 2 Focused Logistics capabilities.

<b>Agile Sustainment Programs</b>	
<b>Air Force</b>	
Combat Support Equipment	
<b>Army</b>	
Advanced Aviation Forward Area Refueling System	LHS Modular Fuel Farm
Combat Service Support Equipment	Maintenance Equipment
Forward Repair System	Materiel Handling Equipment
Fuel/Water Storage and Distribution	
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Customer Relationship Management	Product Data Management Initiative
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<b>Joint Deployment/Rapid Distribution Programs</b>	
<b>Air Force</b>	
C-130 Avionics Modernization Program	Halverson Loader
C-130J Hercules	KC-10
C-17A	KC-135 Refueling Upgrade Program
C-5 Modernization Program	Tanker Replacement Program
<b>Army</b>	
CH-47F (ICH)	
Family of Heavy Tactical Vehicles	Light Utility Helicopter
Family of Medium Tactical Vehicles	Tactical Trailers/Dolly Sets
Future Cargo Aircraft	Theater Support Vessel
High-Mobility Multipurpose Wheeled Vehicle	UH-60M Black Hawk Upgrade
<b>DLA</b>	
BSM–Energy (Fuels Automated System)	Global Stock Positioning
Distribution Planning and Management System	
<b>Marine Corps</b>	
CH-53X Re-designated Heavy Lift Replacement	Medium Tactical Vehicle Replacement
Logistics Vehicle System Replacement	

<b>Joint Deployment/Rapid Distribution Programs (continued)</b>	
<b>Navy</b>	
Joint High Speed Vessel	T-AKE
KC-130J	Triple Product Replenishment Ship
Maritime Pre-positioning Force (Future)	
<b>USTRANSCOM</b>	
Agile Transportation for the 21st Century	
<b>Joint Theater Logistics Programs</b>	
<b>DLA</b>	
Reutilization Modernization Program	
<b>Logistics Information Fusion Programs</b>	
<b>Air Force</b>	
Enhanced Technical Information Management System	Expeditionary Combat Support System
<b>Army</b>	
Battle Command Support System	Property Book Unit Supply Enhanced
Combat Service Support Automated Information Systems Interface	Satellite Communications
Global Combat Support System–Army	Standard Army Retail Supply System
Medical Communications for Combat Casualty Care	Transportation Coordinators’–Automated Information for Movements System II
Movement Tracking System	
<b>DLA</b>	
Business Systems Modernization	Integrated Data Environment
<b>Marine Corps</b>	
Global Combat Support System	
<b>Navy</b>	
Enterprise Resource Planning	
<b>USTRANSCOM</b>	
GTN 21	Modernized Global Decision Support System
<b>Operational Engineering Programs</b>	
<b>Army</b>	
Tactical Electrical Power	

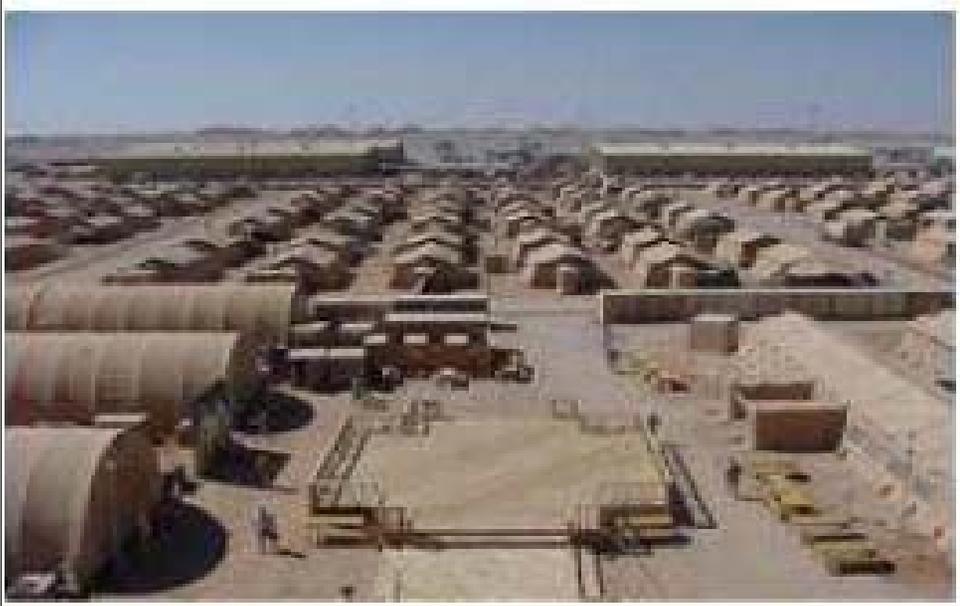
# Combat Support Equipment

**Program Definition**

Provide combat support for Air Expeditionary Forces (AEF), Basic Expeditionary Airfield Resources (BEAR) and HARVEST FALCON. These programs provide kits that include shelters, support equipment and other items needed to establish and support operations at expeditionary bases. BEAR and HARVEST FALCON kits provide housing, mess hall, recreation, and work facilities for deployed forces.

**Enabled Capabilities**

Tier 2 Capability: Agile Sustainment  
 Primary Capability: Agile, responsive sustaining organizations



**Programmatic Profile**

Program Name: Combat Support Equipment  
 Program Element Code: 41135F  
 Acquisition Category: II

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$267.10	\$23.20	\$27.00	\$37.70	\$59.10	\$74.00	\$31.90
Inventory	230	233	233	233	236	236	236

**IOC Date:** NA  
**FOC Date:** Ongoing

# Advanced Aviation Forward Area Refueling System (AAFARS)

## Program Definition

Modular, soldier-portable 1-4 points aviation refueling system that delivers fuel at 55 GPM per nozzle; uses 4-500 gal drums as primary fuel source but compatible with other fuel sources such as HEMTT and 5K tankers.

## Enabled Capabilities

Tier 2 Capability: Agile Sustainment  
 Primary Capability: Agile, responsive sustaining organizations



## Programmatic Profile

Program Name: Advanced Aviation Forward Area Refueling System (AAFARS)

Program Element Code: MA6000

Acquisition Category: III

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$10.90	\$2.70	\$2.70	\$6.60	\$6.60	\$6.80	\$0.00
Inventory	132	252	372	407	407	407	407

**IOC Date:** 1Q FY05

**FOC Date:** TBD

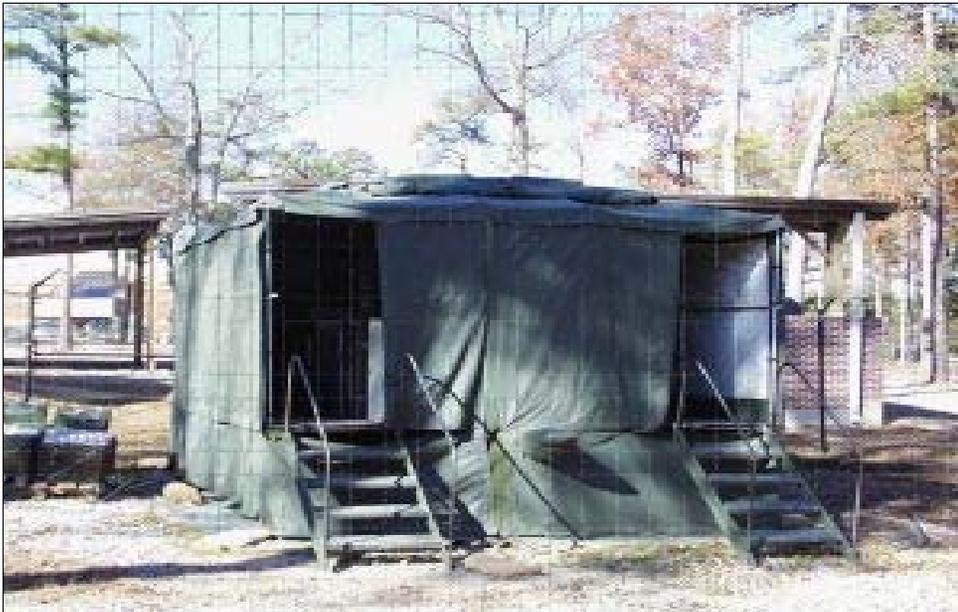
# Combat Service Support Equipment

## Program Definition

Includes Heaters and ECU's, Laundries, Showers and Latrines, Soldier Enhancement, Field Feeding Equipment, Field Sustainment Support, and Field Feeding Containerized Kitchen.

## Enabled Capabilities

Tier 2 Capability: Agile Sustainment  
 Primary Capability: Agile, responsive sustaining organizations



## Programmatic Profile

Program Name: Combat Service Support Equipment

Program Element Code: D160100

Acquisition Category: III

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$66.10	\$62.40	\$75.60	\$76.20	\$70.80	\$74.70	\$68.70
Inventory	6093	6927	8215	8829	9348	9876	10395

**IOC Date:** 2Q FY99 to 3Q FY08

**FOC Date:** 3Q FY01 to 4Q FY10

# Forward Repair System

## Program Definition

FRS is a flat-rack mounted, integrated, enhanced maintenance platform that consists of a 10.5K lb capable crane, welder, repair tool kit, compressor, and a 35kW generator, transportable by either a HEMTT or PLS. Provides on-site battlefield repair and maintenance to combat and heavy weapon systems. FRS is an FCS Complementary System.

## Enabled Capabilities

Tier 2 Capability: Agile Sustainment  
 Primary Capability: Agile, responsive sustaining organizations



## Programmatic Profile

Program Name: Forward Repair System

Program Element Code: D16400

Acquisition Category: III

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$7.10	\$27.40	\$24.50	\$26.00	\$26.00	\$31.80	\$26.90
Inventory	231	305	371	438	503	580	643

**IOC Date:** 2Q FY01

**FOC Date:** TBD

# Fuel / Water Storage and Distribution

## Program Definition

Assault Hoseline, Fuel System Supply System (FSSP), Tactical Water Distribution System (TWDS), Hippo, Modular Fuel Farm, Camel, Petroleum Quality Surveillance System, Inland Petroleum Distribution System, Rapidly Installed Fuel Transfer System (RIFTS).

## Enabled Capabilities

Tier 2 Capability: Agile Sustainment  
 Primary Capability: Agile, responsive sustaining organizations



## Programmatic Profile

Program Name: Fuel / Water Storage and Distribution

Program Element Code: MA6000

Acquisition Category: III

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$23.60	\$44.70	\$43.20	\$62.80	\$105.10	\$106.30	\$108.10
Inventory	55	65	72	189	348	498	659

**IOC Date:** 2Q FY06 to 4Q FY08

**FOC Date:** 2Q FY16 to 4Q FY20

# LHS Modular Fuel Farm (LMFF)

## Program Definition

Load Handling Modular Fuel Farm (LMFF) is a PLS and HEMTT-LHS compatible petroleum storage, issue, and distribution system. It provides the ability to rapidly establish a fuel distribution/storage capability at any location.

## Enabled Capabilities

Tier 2 Capability: Agile Sustainment  
 Primary Capability: Agile, responsive sustaining organizations



## Programmatic Profile

Program Name: LHS Modular Fuel Farm (LMFF)

Program Element Code: MA6000

Acquisition Category: III

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$3.40	\$18.70	\$20.40	\$24.60	\$24.60	\$24.70	\$24.70
Inventory	0	1	23	34	44	55	66

**IOC Date:** 4Q FY06

**FOC Date:** TBD

# Maintenance Equipment

## Program Definition

The Shop Equipment, Contact Maintenance Vehicle (SECM), Truck is mounted on a HMMWV Heavy Variant for general use to provide improved cross-country mobile maintenance support to maneuver elements. The Welding Shop, Trailer Mounted, supports the only qualified welders in the Army and supports two level maintenance. The welding shop provides a robust all-purpose welding capability to support the legacy force and Army Transformation and Modularization efforts. The Standard Automotive Tool Set (SATS) is a modular, flexible, standardized automotive maintenance system that will replace the most numerous types of field level shop sets. SATS enables Army Maintenance Transformation to a two level system and supports a modular, expeditionary, campaign quality force.

## Enabled Capabilities

Tier 2 Capability: Agile Sustainment  
 Primary Capability: Agile, responsive sustaining organizations



## Programmatic Profile

Program Name: Maintenance Equipment

Program Element Code: S063090

Acquisition Category: III

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$1.10	\$0.00	\$1.40	\$1.40	\$1.50	\$3.30	\$3.60
Procurement/ Investment	\$9.40	\$9.80	\$3.40	\$23.00	\$22.00	\$23.40	\$27.10
Inventory	887	995	1037	1078	1123	1183	1282

**IOC Date:** Fielded

**FOC Date:** Fielded

# Materiel Handling Equipment (MHE)

## Program Definition

Includes All terrain Lifting Army System.

## Enabled Capabilities

Tier 2 Capability: Agile Sustainment  
 Primary Capability: Agile, responsive sustaining organizations



## Programmatic Profile

Program Name: Materiel Handling Equipment (MHE)

Program Element Code: M41800

Acquisition Category: III

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$1.30	\$0.40	\$15.90	\$19.40	\$21.10	\$21.10	\$21.10
Inventory	1625	1625	1705	1832	1969	2106	2243

**IOC Date:** 4Q FY08

**FOC Date:** 3Q FY12

# Customer Relationship Management (CRM)

## Program Definition

CRM is a strategy that uses people, processes and tools for setting and meeting mutual expectations to optimize value for both the military services and DoD. This will be accomplished by implementing an Enterprise Customer Strategic Plan to:

Engage existing and potential customers deliberately through execution of the CRM Program.

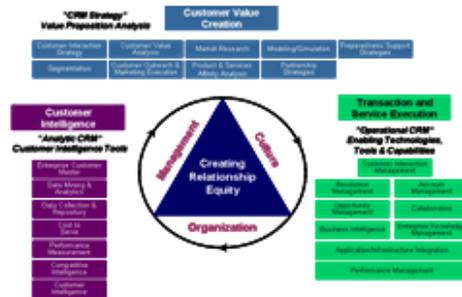
Translate customer needs into actionable information to support the development of logistics solutions that maximize readiness and combat power.

Deliver consistently on customer requirements and expectations

## Enabled Capabilities

Tier 2 Capability: Agile Sustainment  
 Primary Capability: Agile, responsive sustaining organizations

## CRM Framework-Service, Sales & Marketing



**Service** delivers on DLA commitments and provides timely and effective issue resolution

**Sales** engages the customer regarding the readiness and business value of DLA solutions

**Marketing** reaches out to understand customer needs and communicate DLA capabilities to attract and retain customers

## Programmatic Profile

Program Name: Customer Relationship Management (CRM)  
 Program Element Code: N/A  
 Acquisition Category: WCF

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/Investment	\$0.00	\$16.30	\$13.90	\$3.70	\$0.00	\$0.00	\$0.00
Inventory	-	-	-	-	-	-	-

**IOC Date:** FY06

**FOC Date:** FY08

# National Inventory Management Strategy (NIMS)

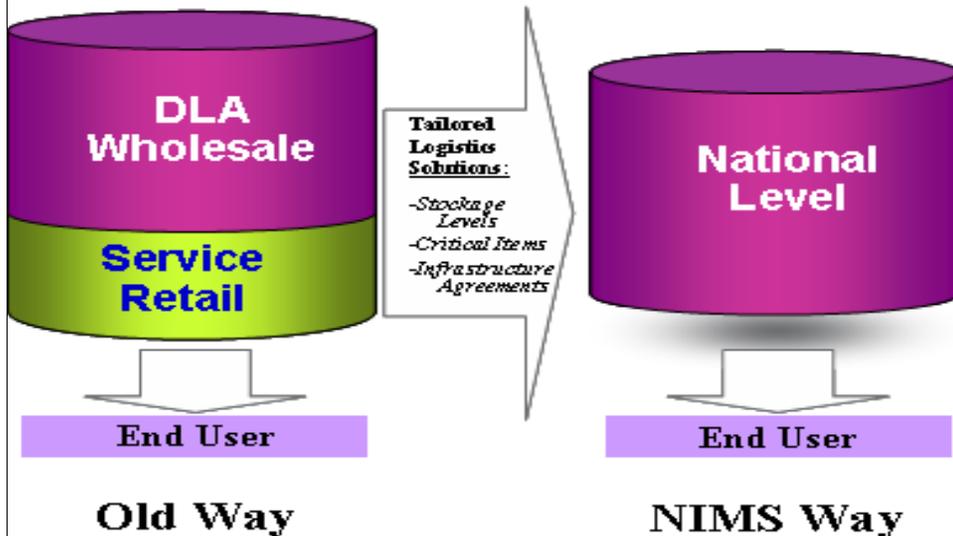
## Program Definition

NIMS will extend DLA's consumable item supply chain responsibility from the wholesale level to the point of consumption. Through NIMS, DLA will transform itself from a manager of supplies to a manager of a complete supply chain. NIMS will merge wholesale and retail inventories into a national inventory that can be managed in a more integrated manner. By providing tailored inventory solutions to individual Service logistics requirements, NIMS allows the Services to reduce redundant inventory and the personnel and infrastructure required to support those inventory.

## Enabled Capabilities

Tier 2 Capability: Agile Sustainment  
 Primary Capability: Agile, responsive sustaining organizations

## DLA Consumable Items



## Programmatic Profile

Program Name: National Inventory Management Strategy (NIMS)  
 Program Element Code: N/A  
 Acquisition Category: WCF

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/Investment	\$0.00	\$21.20	\$9.60	\$8.20	\$8.50	\$0.00	\$0.00
Inventory	-	-	-	-	-	-	-

**IOC Date:** NA

**FOC Date:** FY05-FY07

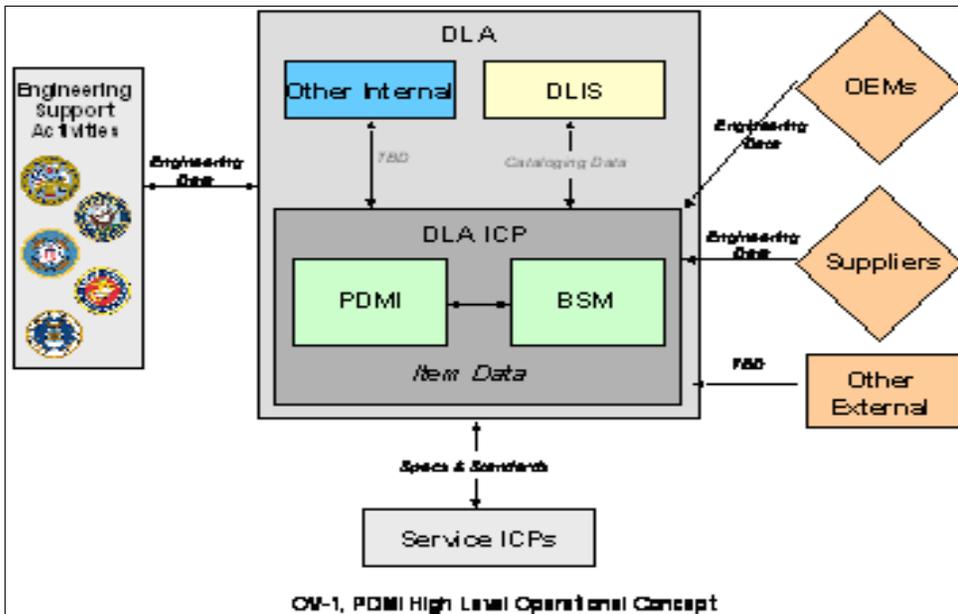
# Product Data Management Initiative (PDMI)

## Program Definition

PDMI is DLA's strategy for transforming the agency's Technical & Quality business processes and capabilities. DLA's Technical business processes are focused on identifying the "right item", the foundation to ensure its customers get the specific parts to meet their requirements in a timely, cost effective, and reliable manner. The success and effectiveness of technical business processes in DLA, and the ability to get the "right item" for its customers is dependent upon the quality, accuracy and completeness of the technical or product data concerning the item.

## Enabled Capabilities

Tier 2 Capability: Agile Sustainment  
 Primary Capability: Agile, responsive sustaining organizations



## Programmatic Profile

Program Name: Product Data Management Initiative (PDMI)  
 Program Element Code: N/A  
 Acquisition Category: WCF

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$0.00	\$9.30	\$9.10	\$6.90	\$7.50	\$7.50	\$7.50
Inventory	-	-	-	-	-	-	-

**IOC Date:** FY07

**FOC Date:** FY11

# Supplier Relationship Management (SRM)

## Program Definition

SRM is a strategy to build two-way relationships with key suppliers as a way to evaluate and manage supplier capability and jointly solve problems. It is the overarching business philosophy DLA will incorporate in working with industry to improve support to the war fighter and is a critical element in the shift from managing supplies to managing suppliers. SRM seeks to incorporate the entire Enterprise and provide structure to the supplier facing tools being developed. The enhanced relationships, made possible through SRM, will allow DLA to be more responsive to customer needs. To date, DLA has formed Strategic Supplier Alliances with 26 suppliers, and is currently developing its first collaborative type relationships, known as Supply Chain Alliances with the next tier of suppliers.

## Enabled Capabilities

Tier 2 Capability: Agile Sustainment  
 Primary Capability: A robust, ready industrial base

## Programmatic Profile

Program Name: Supplier Relationship Management (SRM)

Program Element Code: N/A

Acquisition Category:

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Inventory	-	-	-	-	-	-	-

**IOC Date:** Not Provided

**FOC Date:** Not Provided



# Consolidated Automated Support System (CASS)

## Program Definition

A suite of general purpose automatic test equipment designed to perform functional tests, fault detection, and isolation of Naval airborne avionics, repairable weapon assemblies, and shop repairable assemblies.

## Enabled Capabilities

Tier 2 Capability: Agile Sustainment

Primary Capability: Remote monitoring, diagnostic, and prognostic devices and knowledge based information systems to sense, predict, report, and anticipate failures and consumption - and thus to anticipate demand - associated with current, modernized, and transformed forces and weapons systems



## Programmatic Profile

Program Name: Consolidated Automated Support System (CASS)

Program Element Code: 0205633N (R&D) 0204164N (proc)

Acquisition Category: II

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$5.41	\$6.78	\$6.36	\$7.18	\$7.36	\$7.55	\$7.74
Procurement/ Investment	\$76.28	\$81.07	\$83.84	\$86.50	\$88.34	\$90.38	\$92.47
Inventory	565	587	602	618	636	654	672

**IOC Date:** Not Provided

**FOC Date:** FY97

# DoD Drugs and Vaccines

## Program Definition

Support technical development of candidate medical countermeasures to infectious diseases and Congressionally mandated HIV medical countermeasures; three major product areas are vaccines, drugs, and diagnostic kits. Provides protection for the soldier from indigenous diseases in worldwide deployments.

## Enabled Capabilities

Tier 2 Capability: Force Health Protection  
 Primary Capability: Protection from all health threats across the full range of military operations



## Programmatic Profile

Program Name: DoD Drugs and Vaccines

Program Element Code: 0604807A

Acquisition Category: III

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$51.60	\$24.10	\$37.80	\$39.10	\$67.50	\$65.50	\$35.60
Procurement/ Investment	\$29.10	\$18.90	\$21.60	\$33.30	\$33.90	\$36.10	\$34.10
Inventory	-	-	-	-	-	-	-

**IOC Date:** Ongoing

**FOC Date:** Ongoing

# Theater Medical Information Program (TMIP-M)

## Program Definition

An automated medical logistics capabilities program to increase the effectiveness of theater medical supply by lowering stockpiles and reducing the medical footprint on the battlefield.

## Enabled Capabilities

Tier 2 Capability: Force Health Protection  
 Primary Capability: Tailored, standardized joint medical systems to provide only essential care in theater and enhanced care during evacuation to definitive care



## Programmatic Profile

Program Name: Theater Medical Information Program (TMIP-M)

Program Element Code: 0204163N (proc)

Acquisition Category: Pre-MDAP

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$1.80	\$1.70	\$1.50	\$1.50	\$1.50	\$1.50	\$1.50
Inventory	-	-	-	-	-	-	-

**IOC Date:** Aug 2007

**FOC Date:** Not Provided

# C-130 Avionics Modernization Program

## Program Definition

Replaces unreliable/unsupported engine/flight instruments and flight system components and installs Global Air Traffic Management (GATM) and SecDef-directed nav/safety equipment modifications for Terrain Awareness & Warning System (TAWS) and Traffic Alert and Collision Avoidance System (TCAS).

## Enabled Capabilities

Tier 2 Capability: Joint Deployment/Rapid Distribution

Primary Capability: Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: C-130 Avionics Modernization Program

Program Element Code: 41115F

Acquisition Category: IC

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$150.90	\$233.00	\$217.60	\$171.10	\$88.00	\$38.90	\$0.00
Procurement/ Investment	\$0.00	\$50.60	\$87.70	\$188.00	\$357.70	\$427.40	\$407.20
Inventory	0	0	4	17	50	115	190

**IOC Date:** FY08

**FOC Date:** FY20

# C-130J Hercules

## Program Definition

Replaces older C-130 models with the new C-130J. Enhances operational performance and system reliability.

## Enabled Capabilities

Tier 2 Capability:

Joint Deployment/Rapid Distribution

Primary Capability:

Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: C-130J Hercules

Program Element Code: 41132F

Acquisition Category: IC

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$36.30	\$6.70	\$35.40	\$44.80	\$40.00	\$43.30	\$47.50
Procurement/ Investment	\$956.10	\$105.00	\$170.80	\$142.70	\$148.20	\$147.80	\$171.80
Inventory	37	53	53	53	53	53	53

**IOC Date:** FY05

**FOC Date:** TBD

# C-17A

## Program Definition

The C-17 is capable of rapid strategic delivery of troops and all types of cargo to main operating bases or directly to forward bases in the deployment area.

## Enabled Capabilities

Tier 2 Capability: Joint Deployment/Rapid Distribution

Primary Capability: Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: C-17A

Program Element Code: 41130F

Acquisition Category: IC

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$199.70	\$165.80	\$173.30	\$176.20	\$192.30	\$174.30	\$164.70
Procurement/ Investment	\$4,067.60	\$3,412.60	\$2,527.80	\$677.90	\$643.50	\$670.30	\$659.60
Inventory	130	157	172	180	180	180	180

**IOC Date:** FY98

**FOC Date:** FY08

# C-5 Modernization Program

## Program Definition

Modernization of the C-5 aircraft to enhance its capabilities and extend its life cycle.

## Enabled Capabilities

Tier 2 Capability: Joint Deployment/Rapid Distribution

Primary Capability: Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: C-5 Modernization Program

Program Element Code: 41119F

Acquisition Category: IC

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$363.50	\$226.50	\$149.60	\$50.90	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$80.70	\$89.30	\$190.70	\$463.00	\$636.10	\$765.00	\$869.70
Inventory	50	57	61	66	71	78	87

**IOC Date:** FY98

**FOC Date:** FY20

# Halverson Loader

## Program Definition

The loader is a lightweight vehicle that can be quickly reconfigured for shipment, driven into a variety of aircraft and rapidly deployed to demanding operating environments.

## Enabled Capabilities

Tier 2 Capability:

Joint Deployment/Rapid Distribution

Primary Capability:

Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: Halverson Loader

Program Element Code: 41214F

Acquisition Category: III

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$17.00	\$16.30	\$8.20	\$0.00	\$0.00	\$0.00	\$0.00
Inventory	314	367	385	385	385	385	385

**IOC Date:** FY98

**FOC Date:** FY07

# KC-10

## Program Definition

Provides aircraft modifications to enhance capabilities and improve life-cycle operations and maintenance reliability.

## Enabled Capabilities

Tier 2 Capability:

Joint Deployment/Rapid Distribution

Primary Capability:

Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: KC-10

Program Element Code: 41219F

Acquisition Category: III

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$13.50	\$38.70	\$50.00	\$5.60	\$0.00	\$0.00
Procurement/ Investment	\$40.10	\$21.90	\$6.80	\$9.80	\$40.70	\$54.40	\$74.40
Inventory	59	59	59	59	59	59	59

**IOC Date:** FY00

**FOC Date:** FY05

# KC-135 Refueling Upgrade Program

## Program Definition

An effort to enhance the efficiency and flexibility of the Air Force's air refueling fleet, outfitted to accept wing-tip, hose-and-drogue and air refueling pods for refueling Air Force, NATO and US Navy aircraft.

## Enabled Capabilities

Tier 2 Capability: Joint Deployment/Rapid Distribution

Primary Capability: Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: KC-135 Refueling Upgrade Program

Program Element Code: 27223F/41218F/41219F/51411F/51421F

Acquisition Category: II

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$1.10	\$1.50	\$1.10	\$1.10	\$1.20	\$0.00	\$0.00
Procurement/ Investment	\$74.80	\$112.00	\$99.30	\$97.70	\$102.50	\$103.20	\$103.60
Inventory	530	482	482	482	482	482	482

**IOC Date:** FY03

**FOC Date:** TBD

# Tanker Replacement Program

## Program Definition

Air Force Tanker Replacement Program replacing 100 KC-135's Rec rename "Air Refueling Aircraft."

## Enabled Capabilities

Tier 2 Capability: Joint Deployment/Rapid Distribution

Primary Capability: Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: Tanker Replacement Program

Program Element Code: 41221F

Acquisition Category: Pre-MDAP

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$99.20	\$301.60	\$163.90	\$57.80	\$28.90	\$0.00
Procurement/ Investment	\$100.00	\$0.00	\$48.10	\$1,172.10	\$2,061.20	\$2,188.70	\$3,119.10
Inventory	0	0	0	4	12	21	34

**IOC Date:** TBD

**FOC Date:** TBD

# CH-47F (ICH)

## Program Definition

A remanufactured version of the CH-47D Chinook cargo helicopter with the new T55-GA-714A engines.

## Enabled Capabilities

Tier 2 Capability:

Joint Deployment/Rapid Distribution

Primary Capability:

Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: CH-47F (ICH)

Program Element Code: 273744179

Acquisition Category: IC

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$12.40	\$19.70	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$857.40	\$677.50	\$624.40	\$757.70	\$1,047.00	\$863.70	\$967.90
Inventory	475	477	479	481	493	497	504

**IOC Date:** 3Q FY07

**FOC Date:** 4Q FY11

# Family of Heavy Tactical Vehicles

## Program Definition

The Family of Heavy Tactical Wheeled Vehicles are used in line haul, local haul, unit resupply and other missions throughout the tactical environment to support modern and highly mobile combat units. Systems include the Palletized Load System (PLS) and its companion trailers, flat racks (Container Roll-in/Out Platform (CROP)), and Container Handling Units (CHU). Also included are Heavy Equipment Transporter System (HETS) and Heavy Expanded Mobility Tactical Truck (HEMTT).

## Enabled Capabilities

Tier 2 Capability: Joint Deployment/Rapid Distribution

Primary Capability: Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: Family of Heavy Tactical Vehicles

Program Element Code: D16503

Acquisition Category: III

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$19.60	\$0.00	\$3.60	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$247.80	\$169.10	\$203.00	\$199.70	\$183.60	\$103.90	\$40.70
Inventory	8499	9373	9681	9840	9954	9954	9954

**IOC Date:** Fielded

**FOC Date:** Fielded

# Family of Medium Tactical Vehicles

## Program Definition

The FMTV includes the 2.5t Light Tactical Vehicle (LMTV), the 5t Medium Tactical Vehicle (6x6), troop and cargo carriers, vans, tractors, wreckers and dumps. Vehicles have been fielded at 68 locations worldwide and are deployed in on-going operations.

## Enabled Capabilities

Tier 2 Capability: Joint Deployment/Rapid Distribution

Primary Capability: Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: Family of Medium Tactical Vehicles

Program Element Code: D14501

Acquisition Category: IC

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$14.00	\$1.90	\$1.90	\$2.00	\$1.90	\$1.80	\$1.90
Procurement/ Investment	\$593.60	\$449.60	\$634.10	\$624.90	\$567.50	\$680.20	\$553.20
Inventory	27305	29379	32148	35191	37919	41251	43826

**IOC Date:** Fielded

**FOC Date:** Fielded

# Future Cargo Aircraft

## Program Definition

FCA is the future cargo replacement for the retiring C-23 aircraft currently in the Army inventory. FCA will provide Army with intra-theater cargo carrier that will provide time-sensitive/mission critical supply items and repair parts to forward deployed units and supplement the capabilities of the CH-47 and C-130.

## Enabled Capabilities

Tier 2 Capability:

Joint Deployment/Rapid Distribution

Primary Capability:

Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



Photo by David Draais

## Programmatic Profile

Program Name: Future Cargo Aircraft

Program Element Code: A11300000

Acquisition Category: Pre-MDAP

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$0.00	\$4.90	\$107.50	\$134.30	\$215.50	\$255.30	\$339.40
Inventory	0	0	3	6	12	19	28

**IOC Date:** 1Q FY06

**FOC Date:** 4Q FY11

# High-Mobility Multipurpose Wheeled Vehicle (HMMWV)

## Program Definition

A light, highly mobile, diesel-powered, four-wheel-drive vehicle equipped with an automatic transmission. Based on the M998 chassis, using common components and kits, the HMMWV can be configured to become a troop carrier, armament carrier, S250 shelter carrier, ambulance, TOW missile carrier, and a Scout vehicle.

## Enabled Capabilities

Tier 2 Capability: Joint Deployment/Rapid Distribution

Primary Capability: Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: High-Mobility Multipurpose Wheeled Vehicle (HMMWV)

Program Element Code: D15400

Acquisition Category: II

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$9.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$432.90	\$224.20	\$331.10	\$340.90	\$481.80	\$724.10	\$347.20
Inventory	112830	114895	118137	121397	125936	132656	135831

**IOC Date:** Fielded

**FOC Date:** Fielded

# Light Utility Helicopter

## Program Definition

Light utility aircraft; replaces UH-1/OH-58A/C; CONUS/Europe based for use by ARNG units for Homeland Security mission; TDA support; MEDEVAC missions; commercial 8-10 PAX; supports NORTHCOM/EUCOM.

## Enabled Capabilities

Tier 2 Capability:

Joint Deployment/Rapid Distribution

Primary Capability:

Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: Light Utility Helicopter

Program Element Code: A05001000

Acquisition Category: IC

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$22.90	\$108.00	\$190.60	\$221.60	\$221.80	\$157.30	\$58.60
Inventory	3	31	81	138	194	232	245

**IOC Date:** 1Q FY07

**FOC Date:** TBD

# Tactical Trailers/Dolly Sets

## Program Definition

Light Tactical Trailer (LTT), M1022A1, M871A3 Semitrailer, Self Load Off - Load Trailer (SLOT), M105A3 - all semi-trailers, 22.5 ton, 34 ton, 40 ton and 5,000 gal tankers; Fifth Wheel towing Device).

## Enabled Capabilities

Tier 2 Capability:

Joint Deployment/Rapid Distribution

Primary Capability:

Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: Tactical Trailers/Dolly Sets

Program Element Code: D01600000

Acquisition Category: III

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.90	\$1.00	\$1.00	\$1.00	\$2.00	\$2.00
Procurement/ Investment	\$9.60	\$15.90	\$7.10	\$6.50	\$5.70	\$2.50	\$2.50
Inventory	8857	10211	10699	11214	11639	11872	12126

**IOC Date:** Fielded

**FOC Date:** Fielded

# Theater Support Vessel (TSV)

## Program Definition

A next-generation Army watercraft to support the Army's doctrinal intra-theater lift mission. A signed DA and DON Memorandum of Intent proposed merging the Army's Theater Support Vessel (TSV) and the Marine Corps/Navy High Speed intra-theater surface Connect program into a joint High Speed Vessel program.

## Enabled Capabilities

Tier 2 Capability: Joint Deployment/Rapid Distribution

Primary Capability: Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: Theater Support Vessel (TSV)

Program Element Code: 643804526

Acquisition Category: III

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$3.30	\$5.10	\$5.10	\$2.90	\$3.10	\$3.20
Procurement/ Investment	\$1.00	\$15.00	\$15.40	\$299.40	\$301.60	\$154.20	\$154.40
Inventory	0	0	0	1	3	4	5

**IOC Date:** 3Q FY12

**FOC Date:** TBD

# UH-60M Black Hawk Upgrade

## Program Definition

The UH-60 BLACK HAWK will serve as the Army's utility helicopter in the future force. It is a twin engine, single rotor, four bladed utility helicopter used for air assault, air cavalry, troop & equipment transport, command and control, and medical evacuation in active and reserve units. The Army Acquisition Strategy is to procure all new UH-60M models, in lieu of the previous recap/upgrade program.

## Enabled Capabilities

Tier 2 Capability: Joint Deployment/Rapid Distribution

Primary Capability: Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: UH-60M Black Hawk Upgrade

Program Element Code: 273744504

Acquisition Category: ID

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$108.40	\$96.50	\$51.30	\$0.00	\$0.00	\$20.30	\$25.40
Procurement/ Investment	\$76.90	\$33.30	\$30.40	\$13.10	\$11.10	\$0.00	\$0.00
Inventory	1632	1673	1718	1798	1874	1948	2024

**IOC Date:** 4Q FY08

**FOC Date:** 4Q FY14

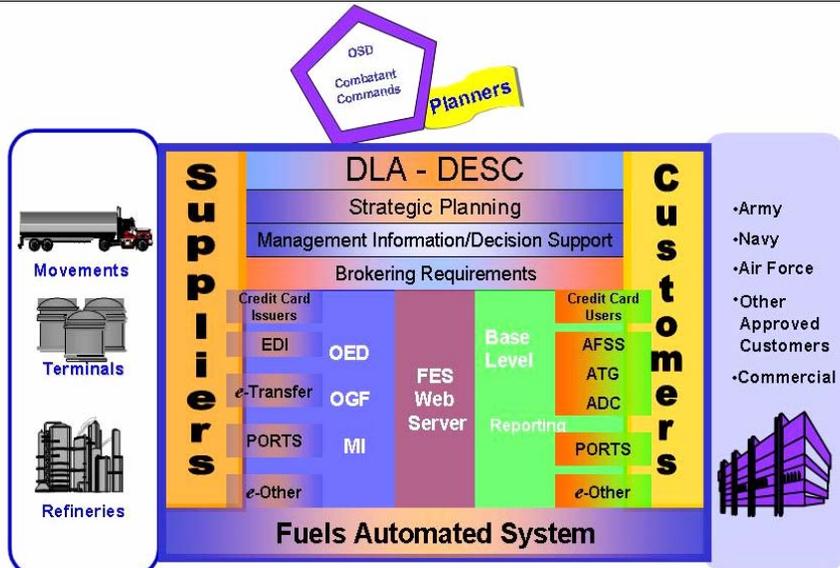
# BSM – Energy (Fuels Automated System (FAS))

## Program Definition

Similar to BSM, FAS uses commercial off-the-shelf software to perform its mission supplemented with government off-the-shelf (GOTS). FAS provides an automated materiel management system that spans from the point of sale to the vendor payment for all energy commodities. BSM Energy supports the fuels business functions for supply management, financial management, facilities management and decision support. It provides DoD decision-makers information to support planning for and execution of fuels requirements. FAS is an information system that supports DLA's current and expanding mission with timely and accurate information for decision-making in planning and executing energy management.

## Enabled Capabilities

Tier 2 Capability: Joint Deployment/Rapid Distribution  
 Primary Capability: Deployment and distribution processes and their enabling business practices and systems to share, integrate, and synchronize data and information as necessary, both vertically and horizontally, from the strategic to the tactical levels



## Programmatic Profile

Program Name: BSM – Energy (Fuels Automated System (FAS))

Program Element Code: N/A

Acquisition Category: WCF

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/Investment	\$0.00	\$32.00	\$17.70	\$0.00	\$0.00	\$0.00	\$0.00
Inventory	-	-	-	-	-	-	-

IOC Date: Not Provided

FOC Date: FY07

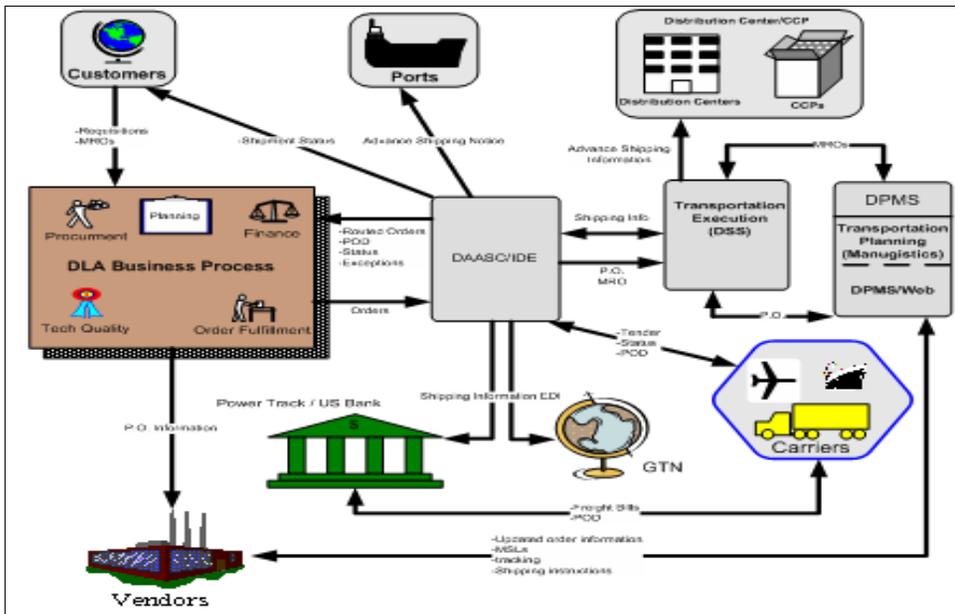
# Distribution Planning & Management System (DPMS)

## Program Definition

DPMS is an enterprise-wide distribution planning and management system that will allow improved collaboration between DLA and its customers, carriers and vendors. DPMS will provide DLA with a means to collect and access continuous real-time information on the location, movement and status of equipment and supplies, and includes the ability to act on that information.

## Enabled Capabilities

Tier 2 Capability: Joint Deployment/Rapid Distribution  
 Primary Capability: Deployment and distribution processes and their enabling business practices and systems to share, integrate, and synchronize data and information as necessary, both vertically and horizontally, from the strategic to the tactical levels



## Programmatic Profile

Program Name: Distribution Planning & Management System (DPMS)  
 Program Element Code: N/A  
 Acquisition Category: WCF

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$0.00	\$3.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Inventory	-	-	-	-	-	-	-

IOC Date: NA

FOC Date: FY06

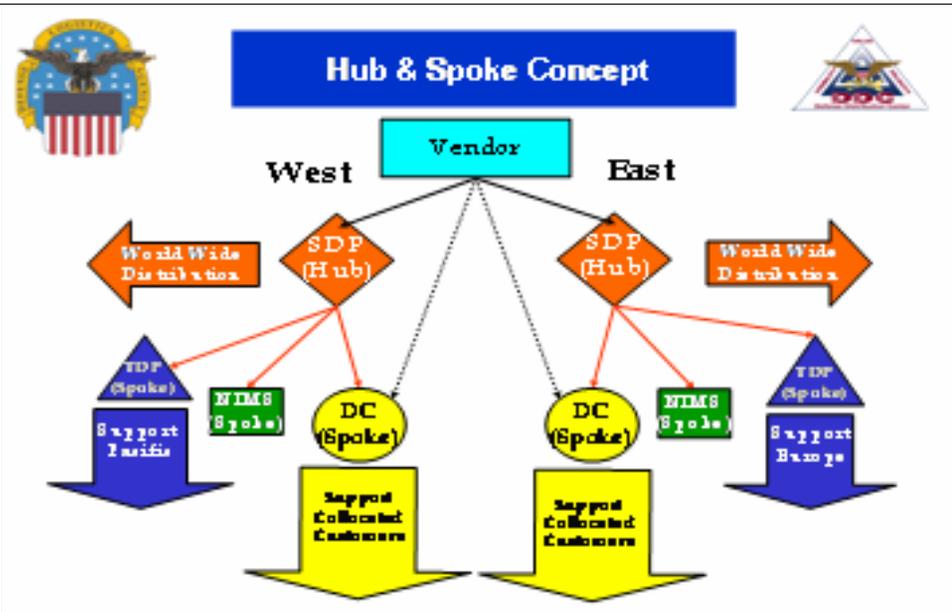
# Global Stock Positioning (GSP)

## Program Definition

GSP strategy is a portfolio of capabilities designed to ensure the right inventory is at the right location at the right time for the least cost. The underlying goal is to achieve an efficient system structure that is responsive to the customer through a suite of capabilities (Forward Stocking, Deployable Depot and DLA Afloat Distribution Center) and allows the DoD to significantly reduce levels of inventory and cost of operations while still maintaining war fighter readiness. Global Stock Positioning strategy balances the tradeoffs between customer responsiveness, optimum stockage, and distribution and transportation costs.

## Enabled Capabilities

Tier 2 Capability: Joint Deployment/Rapid Distribution  
 Primary Capability: Deployment and distribution processes and their enabling business practices and systems to share, integrate, and synchronize data and information as necessary, both vertically and horizontally, from the strategic to the tactical levels



## Programmatic Profile

Program Name: Global Stock Positioning (GSP)  
 Program Element Code: N/A  
 Acquisition Category: WCF

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/Investment	\$0.00	\$113.80	\$97.60	\$92.50	\$94.50	\$96.50	\$98.60
Inventory	-	-	-	-	-	-	-

IOC Date: FY05

FOC Date: FY06

# CH-53X Redesignated Heavy Lift Replacement

## Program Definition

Vertical heavy lift will be critical to successful operations in anti-access, area-denial environments, enabling force application and focused logistics envisioned within the joint operating concepts. The HLR will fill the vertical heavy lift requirement that is necessary for Sea Basing and joint operating concepts. With the ability to transport 27,000 pounds to distances of 110 nautical miles under most environmental conditions, commanders will have the option to insert a force equipped with armored combat vehicles or two armored High Mobility Multi Wheeled Vehicles (HMMWVs) per sortie. To sustain the force, the HLR will be able to transport three independent loads tailored to individual receiving unit requirements and provide the critical logistics air connector to facilitate sea-based operations. This reliable, cost-effective heavy lift capability will address critical challenges in maintainability, reliability, and affordability found in present-day operations supporting the GWOT.

## Enabled Capabilities

Tier 2 Capability: Joint Deployment/Rapid Distribution

Primary Capability: Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: CH-53X Redesignated Heavy Lift Replacement

Program Element Code: 0605212N

Acquisition Category: Pre-MDAP

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$102.70	\$271.90	\$300.10	\$341.00	\$351.40	\$369.70	\$363.90
Procurement/ Investment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Inventory	0	0	0	0	0	0	0

**IOC Date:** 4Q FY15

**FOC Date:** FY21

# Logistics Vehicle System Replacement (LVSR)

## Program Definition

A heavy tactical logistics distribution system that will provide the Marine Corps heavy lift capability to transport bulk liquids (fuel and water), ammunition, ISO containers up to 20ft in length, tactical bridging and heavy equipment transport (to include combat vehicles), and bulk/break-bulk cargo; as well as providing heavy wrecker/recovery capability.

## Enabled Capabilities

Tier 2 Capability: Joint Deployment/Rapid Distribution

Primary Capability: Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: Logistics Vehicle System Replacement (LVSR)

Program Element Code: 26624M

Acquisition Category: II

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$9.21	\$4.60	\$4.23	\$4.00	\$9.15	\$0.00	\$0.00
Procurement/ Investment	\$0.00	\$28.37	\$63.85	\$95.68	\$216.64	\$194.65	\$183.34
Inventory	0	0	19	151	305	745	1184

**IOC Date:** 1Q FY08

**FOC Date:** 3Q FY11

# Medium Tactical Vehicle Replacement (MTVR)

## Program Definition

Replaces the aging M939/M809 5-ton trucks with a fleet of state-of-the art, commercially based, medium trucks with greater mobility, lift, and reliability.

## Enabled Capabilities

Tier 2 Capability: Joint Deployment/Rapid Distribution

Primary Capability: Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: Medium Tactical Vehicle Replacement (MTVR)

Program Element Code: 26624M

Acquisition Category: II

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Inventory	6393	6393	6393	6393	6393	6393	6393

**IOC Date:** NA

**FOC Date:** Sep 05

# Joint High Speed Vessel (JHSV)

## Program Definition

Flexible and rapid (35-45 KTS) intra-theater lift of multi-cargo payloads.

## Enabled Capabilities

Tier 2 Capability: Joint Deployment/Rapid Distribution

Primary Capability: Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: Joint High Speed Vessel (JHSV)

Program Element Code: 0204228N (proc) 0602564N (R&D) 0604567N (R&D)

Acquisition Category: Pre-MDAP

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$10.00	\$25.00	\$34.00	\$24.00	\$15.00	\$12.00	\$7.00
Procurement/ Investment	\$0.00	\$0.00	\$0.00	\$253.50	\$1,773.50	\$1,433.50	\$3,047.20
Inventory	-	-	-	-	-	-	-

**IOC Date:** July 2012

**FOC Date:** Not Provided

# KC-130J

## Program Definition

Offers increased utility and much needed improvement in mission performance. As a force multiplier, the J tanker is capable of refueling both fixed wing and rotary wing aircraft as well as conducting rapid ground refueling.

## Enabled Capabilities

Tier 2 Capability:

Joint Deployment/Rapid Distribution

Primary Capability:

Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: KC-130J

Program Element Code: 0206127M

Acquisition Category: II

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$323.00	\$1,093.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Inventory	23	33	33	33	33	33	33

**IOC Date:** Jan 2006

**FOC Date:** Not Provided

# Maritime Prepositioning Force (Future) (MPF (F))

## Program Definition

Provides functions not provided by the current MPF: at-sea arrival and assembly of units, direct support of the assault echelon of the ATF, indefinite sea based sustainment of the landing force, and reconstitution and redeployment of the force.

## Enabled Capabilities

Tier 2 Capability: Joint Deployment/Rapid Distribution

Primary Capability: Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: Maritime Prepositioning Force (Future) (MPF (F))

Program Element Code: 0408042N

Acquisition Category: Pre-MDAP

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$28.00	\$66.30	\$66.30	\$20.40	\$12.50	\$12.80	\$13.10
Procurement/ Investment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Inventory	-	-	-	-	-	-	-

**IOC Date:** Not Provided

**FOC Date:** Not Provided

# T-AKE

## Program Definition

Deliver sustainment parts and provisions to carrier battle groups.

## Enabled Capabilities

Tier 2 Capability:

Joint Deployment/Rapid Distribution

Primary Capability:

Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: T-AKE

Program Element Code: 040804ZN

Acquisition Category: IC

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$768.40	\$380.10	\$440.40	\$387.30	\$0.00	\$0.00	\$0.00
Inventory	-	2	5	7	9	10	11

**IOC Date:** Oct 2006

**FOC Date:** Not Provided

# Triple Product Replenishment Ship (T-AOE(X))

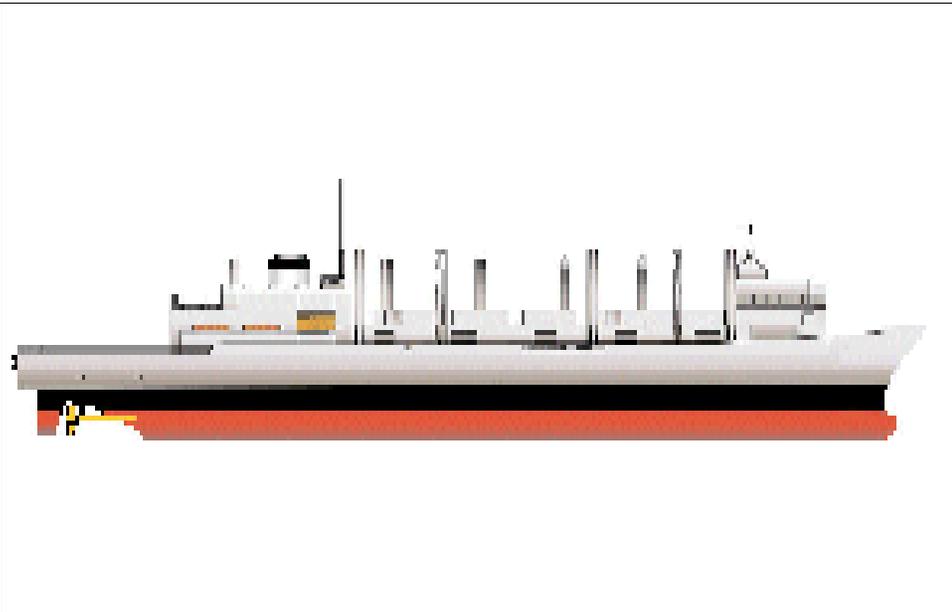
## Program Definition

Simultaneously delivery of ship petroleum products, ammunition, provisions and stores and redistribute these items.

## Enabled Capabilities

Tier 2 Capability: Joint Deployment/Rapid Distribution

Primary Capability: Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets



## Programmatic Profile

Program Name: Triple Product Replenishment Ship (T-AOE(X))

Program Element Code: 0408042N

Acquisition Category: Pre-MDAP

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$9.40	\$22.50	\$10.50	\$3.60	\$4.80	\$0.00	\$0.00
Procurement/ Investment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Inventory	-	-	-	-	-	-	-

**IOC Date:** 1st Ship 2014; 2nd Ship 2

**FOC Date:** Not Provided

# Agile Transportation for the 21st Century (AT21)

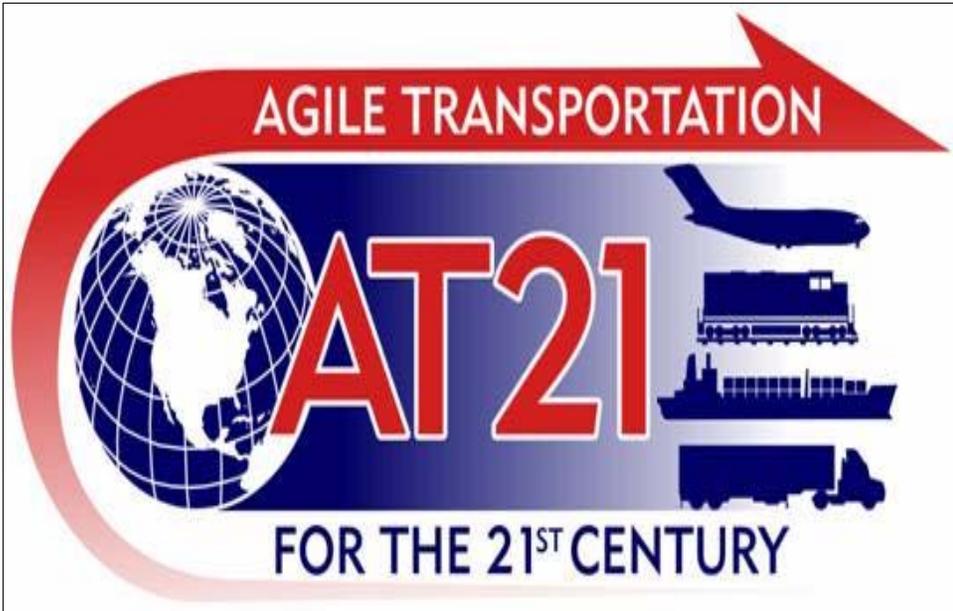
## Program Definition

AT21 will provide business process transformation and leverage commercial supply chain management technologies to streamline and standardize contingency and sustainment planning processes. By providing collaboration and visibility throughout the planning process and embedding Focused Warfighter Initiative business rules into the IT tools, USTRANSCOM will dramatically improve support to the warfighter. AT21 will reduce planning lead times and ensure transportation movements meet warfighter required delivery dates. Results from the Advanced Concept Technology Demonstration conducted 2003-2005 for contingency planning demonstrated a significant benefit cost ratio and improvements for planned on-time delivery and asset utilization.

## Enabled Capabilities

Tier 2 Capability: Joint Deployment/Rapid Distribution

Primary Capability: Deployment and distribution processes and their enabling business practices and systems to share, integrate, and synchronize data and information as necessary, both vertically and horizontally, from the strategic to the tactical levels



## Programmatic Profile

Program Name: Agile Transportation for the 21st Century (AT21)

Program Element Code:

Acquisition Category: WCF

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$4.90	\$15.60	\$14.90	\$14.30	\$13.10	\$14.60	\$14.20
Inventory	-	-	-	-	-	-	-

**IOC Date:** FY08

**FOC Date:** FY11

# Reutilization Modernization Program (RMP)

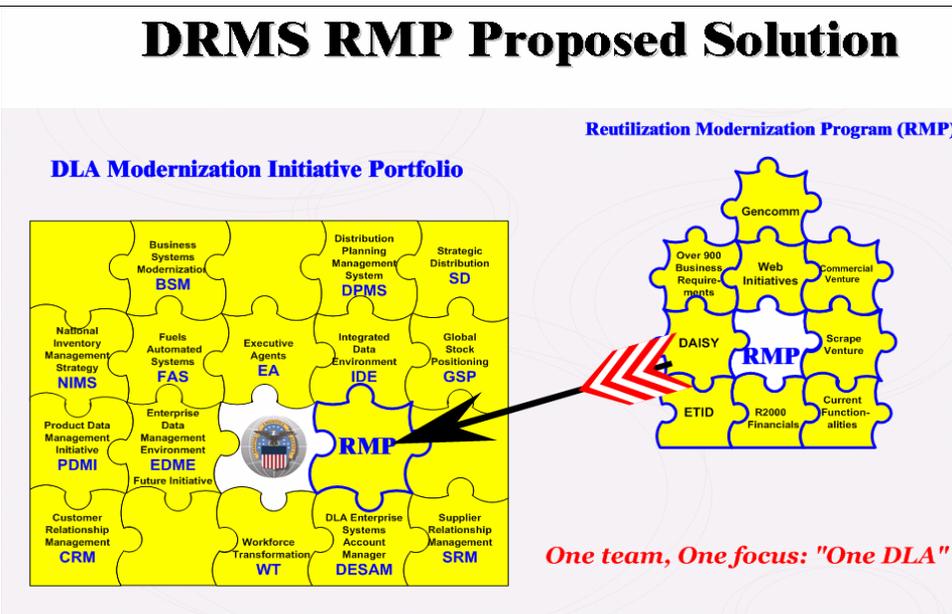
## Program Definition

RMP is an effort to fully integrate all Information Technology (IT) for the Defense Reutilization and Marketing Service (DRMS) into the overall IT solution set for DLA. This modernization effort will replace the current DRMS IT systems based on best practices and COTS software products. RMP will leverage DLA's current efforts to incorporate DRMS information needs into the DLA end-state architecture.

## Enabled Capabilities

Tier 2 Capability: Joint Theater Logistics  
 Primary Capability: Integrated logistics command and control (C2) enabling the ability to prioritize, direct, redirect, synchronize, integrate, and coordinate common-user and cross-Service logistics materiel and functions under the combatant commander's control

## DRMS RMP Proposed Solution



## Programmatic Profile

Program Name: Reutilization Modernization Program (RMP)  
 Program Element Code: N/A  
 Acquisition Category: WCF

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/Investment	\$0.00	\$21.00	\$14.90	\$13.20	\$7.80	\$8.20	\$9.90
Inventory	-	-	-	-	-	-	-

**IOC Date:** FY07

**FOC Date:** FY10

# Enhanced Technical Information Management System

## Program Definition

Provides digital technical orders to improve accuracy and timely updates. JCALS is cancelled -- replaced by AF ETIMS program to provide capability.

## Enabled Capabilities

Tier 2 Capability: Logistics Information Fusion

Primary Capability: Real-time, end-to-end control of the entire deployment, distribution, and sustainment pipeline -- from mobilization, deployment, employment, reconstitution, regeneration, redeployment, and demobilization, and across the entire logistics spectrum



## Programmatic Profile

Program Name: Enhanced Technical Information Management System

Program Element Code: 78611F

Acquisition Category: III

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$5.21	\$3.35	\$3.32	\$3.42	\$3.48	\$3.57	\$3.63
Procurement/ Investment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Inventory	-	-	-	-	-	-	-

**IOC Date:** 2Q FY06

**FOC Date:** TBD

# Expeditionary Combat Support System (ECSS)

## Program Definition

Air Force Logistics Enterprise Resource Planning Program (ERP). Provides a suite of IT tools to accomplish and track all logistics transactions and processes associated with the supply chain reference model. Information from ECSS is provided to the warfighter as needed to enable expeditionary capabilities.

## Enabled Capabilities

Tier 2 Capability: Logistics Information Fusion

Primary Capability: Real-time, end-to-end control of the entire deployment, distribution, and sustainment pipeline -- from mobilization, deployment, employment, reconstitution, regeneration, redeployment, and demobilization, and across the entire logistics spectrum

## Programmatic Profile

Program Name: Expeditionary Combat Support System (ECSS)

Program Element Code: 78610F

Acquisition Category: Pre-MDAP

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$3.00	\$37.80	\$39.00	\$39.70	\$40.40	\$41.30	\$41.90
Procurement/ Investment	\$0.00	\$2.50	\$2.60	\$2.70	\$2.70	\$2.80	\$2.80
Inventory	-	-	-	-	-	-	-

**IOC Date:** FY11

**FOC Date:** FY12

# Battle Command Support System (BCS3)

## Program Definition

The Battle Command Sustainment Support System (BCS3) is the logistical command and control system that reflects the Army's emphasis on Future Force Warfighting capabilities giving commanders, for the first time, actionable logistics information in the form of an automated view of the battlefield coupled with the logistics positioning of supplies.

## Enabled Capabilities

Tier 2 Capability: Logistics Information Fusion

Primary Capability: Real-time, end-to-end control of the entire deployment, distribution, and sustainment pipeline — from mobilization, deployment, employment, reconstitution, regeneration, redeployment, and demobilization, and across the entire logistics spectrum



## Programmatic Profile

Program Name: Battle Command Support System (BCS3)

Program Element Code: W346000

Acquisition Category: II

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$11.70	\$10.10	\$10.00	\$12.80	\$12.96	\$5.20	\$5.20
Inventory	-	-	-	-	-	-	-

**IOC Date:** 4Q FY04

**FOC Date:** 4Q FY11

# Combat Service Support Automated Information Systems Interface (CAISI)

## Program Definition

High data rate wireless system that provides sensitive but unclassified (SBU) data connectivity to CSS computer systems located within the tactical battlespace. CAISI provides network connectivity down to the computer level when CSS systems are deployed for combat or other operations.

## Enabled Capabilities

Tier 2 Capability: Logistics Information Fusion

Primary Capability: A robust, end-to-end information grid  
 (a) assured communications  
 (b) DoD net centric enterprise services, such as universal transaction services, distributed environment support, and high assurance services



## Programmatic Profile

Program Name: Combat Service Support Automated Information Systems Interface (CAISI)

Program Element Code: BD7000

Acquisition Category: III

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$4.70	\$5.50	\$3.10	\$1.00	\$1.00	\$3.00	\$4.60
Procurement/ Investment	\$6.80	\$6.40	\$9.80	\$9.90	\$10.10	\$10.10	\$10.10
Inventory	-	-	-	-	-	-	-

**IOC Date:** 1Q FY07

**FOC Date:** 4Q FY11

# Global Combat Support System (GCSS)-Army

## Program Definition

U.S. Army logistics automation technology initiative, implemented to transform supply chain business processes to enhance logistics support of Army tactical combat operations.

## Enabled Capabilities

Tier 2 Capability: Logistics Information Fusion

Primary Capability: Real-time, end-to-end control of the entire deployment, distribution, and sustainment pipeline — from mobilization, deployment, employment, reconstitution, regeneration, redeployment, and demobilization, and across the entire logistics spectrum



## Programmatic Profile

Program Name: Global Combat Support System (GCSS)-Army

Program Element Code: BA8250000

Acquisition Category: Pre-MDAP

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$90.40	\$62.90	\$28.20	\$21.30	\$7.50	\$8.30	\$8.20
Procurement/ Investment	\$37.50	\$71.50	\$98.90	\$125.20	\$57.70	\$46.10	\$46.40
Inventory	-	-	-	-	-	-	-

**IOC Date:** 3Q FY05

**FOC Date:** 3Q FY09

# Medical Communications for Combat Casualty Care (MC4)

## Program Definition

MC4 system is a family of COTS/GOTS technology used to link healthcare providers, medical diagnostic systems, and information/C2 systems at all echelons. MC4 will provide managerial/decision-making healthcare info associated with medical C2, situational awareness, treatment, medical logistics, casualty movement, and health care delivery. Will interface with medical/non-medical info systems such as GCSS-A and Land Warrior (Warrior Medic).

## Enabled Capabilities

Tier 2 Capability: Logistics Information Fusion

Primary Capability: Real-time, end-to-end control of the entire deployment, distribution, and sustainment pipeline — from mobilization, deployment, employment, reconstitution, regeneration, redeployment, and demobilization, and across the entire logistics spectrum



## Programmatic Profile

Program Name: Medical Communications for Combat Casualty Care (MC4)

Program Element Code: MA8046

Acquisition Category: III

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$4.60	\$8.30	\$9.10	\$9.30	\$3.30	\$8.90	\$5.70
Inventory	-	-	-	-	-	-	-

**IOC Date:** 4Q FY05

**FOC Date:** 4Q FY10

# Movement Tracking System

## Program Definition

MTS is a satellite based tracking, position/location and communications system. Provides capability to identify/track vehicle positions and communicate with tactical vehicles supporting CS/CSS operations. Supports increased asset visibility through direct interfaces to TC-AIMS II and GCSS-A.

## Enabled Capabilities

Tier 2 Capability: Logistics Information Fusion

Primary Capability: Real-time, end-to-end control of the entire deployment, distribution, and sustainment pipeline — from mobilization, deployment, employment, reconstitution, regeneration, redeployment, and demobilization, and across the entire logistics spectrum



## Programmatic Profile

Program Name: Movement Tracking System

Program Element Code: D1610300

Acquisition Category: III

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$2.50	\$2.50	\$2.90	\$0.90	\$0.90	\$0.90	\$0.90
Procurement/ Investment	\$63.50	\$27.70	\$76.20	\$29.10	\$26.20	\$28.30	\$30.60
Inventory	-	-	-	-	-	-	-

**IOC Date:** 2Q FY01

**FOC Date:** 4Q FY12

# Property Book Unit Supply Enhanced

## Program Definition

Web-based, fully interactive, Combat Service Support property accountability system. System features provide property book accountability and unit supply functionality plus seamless, Federal Financial Management Improvement Act (FFMIA)/Chief Financial Officer (CFO) compliant, data access by permission control system for both garrison and tactical environments. As tactical requirements dictate and direct connection to the web is not possible, the system operates in a disconnected stand-alone mode.

## Enabled Capabilities

Tier 2 Capability: Logistics Information Fusion

Primary Capability: Real-time, end-to-end control of the entire deployment, distribution, and sustainment pipeline — from mobilization, deployment, employment, reconstitution, regeneration, redeployment, and demobilization, and across the entire logistics spectrum

## Programmatic Profile

Program Name: Property Book Unit Supply Enhanced

Program Element Code: W00800

Acquisition Category: III

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$18.80	\$19.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Inventory	-	-	-	-	-	-	-

**IOC Date:** 3Q FY02

**FOC Date:** 4Q FY07

# Satellite Communications (SATCOM)

## Program Definition

Global commercial satellite based network capability that supports logistics automation systems.

## Enabled Capabilities

Tier 2 Capability: Logistics Information Fusion

Primary Capability: A robust, end-to-end information grid  
 (a) assured communications  
 (b) DoD net centric enterprise services, such as universal transaction services, distributed environment support, and high assurance services



## Programmatic Profile

Program Name: Satellite Communications (SATCOM)

Program Element Code: BD7000

Acquisition Category: III

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$0.00	\$7.20	\$5.90	\$5.90	\$5.90	\$5.90	\$5.90
Inventory	-	-	-	-	-	-	-

**IOC Date:** 3Q FY04

**FOC Date:** 1Q FY06

# Standard Army Retail Supply System (SARSS)

## Program Definition

Provides stock control and supply management to the Army retail level. SARSS also provides supply-related data to ILAP at various functional levels. SARSS supports the accountability, requisition, storage, issue, and management of supply for Classes II (clothing and equipment), III (packaged petroleum, oils and lubricants), IV (construction and barrier materials), V (non-ammunition), VII (major end items) and IX (repair parts) within the theater of operations and CONUS. Ammunition AIT integration. Maintenance AIT (Field). Repairable Reverse Pipeline AIT based tracking. Automated Manifest System (AMS) fwd. RF Security tag. AIT for small arms digital arms room. OSD RFID policy implementation.

## Enabled Capabilities

Tier 2 Capability: Logistics Information Fusion

Primary Capability: Real-time, end-to-end control of the entire deployment, distribution, and sustainment pipeline — from mobilization, deployment, employment, reconstitution, regeneration, redeployment, and demobilization, and across the entire logistics spectrum

## Programmatic Profile

Program Name: Standard Army Retail Supply System (SARSS)

Program Element Code: 432612

Acquisition Category: III

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$10.30	\$62.20	\$37.40	\$13.90	\$36.00	\$38.70	\$121.30
Inventory	-	-	-	-	-	-	-

**IOC Date:** Fielded

**FOC Date:** Fielded

# Transportation Coordinators'-Automated Information for Movements System II

## Program Definition

Automates the process of planning, organizing, coordinating, and controlling unit-related deployments, sustainment, day-to-day installation transportation officer/transportation management officer (ITO/TMO) operations, redeployment, and retrograde operations in support of the Defense Transportation System (DTS). It will interface with installation, unit and depot-level supply systems, appropriate Joint and Service feeder systems to the Joint Operation Planning and Execution systems (JOPES). Supports both peacetime and wartime requirements.

## Enabled Capabilities

Tier 2 Capability: Logistics Information Fusion  
 Primary Capability: Real-time, end-to-end control of the entire deployment, distribution, and sustainment pipeline — from mobilization, deployment, employment, reconstitution, regeneration, redeployment, and demobilization, and across the entire logistics spectrum



## Programmatic Profile

Program Name: Transportation Coordinators'-Automated Information for Movements System II  
 Program Element Code: BZ8900  
 Acquisition Category: I

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$18.00	\$17.80	\$23.00	\$20.10	\$22.90	\$20.00	\$2.10
Procurement/ Investment	\$18.60	\$34.60	\$33.50	\$32.60	\$29.20	\$23.60	\$29.90
Inventory	-	-	-	-	-	-	-

**IOC Date:** 3Q FY02

**FOC Date:** 4Q FY11

# Business Systems Modernization (BSM)

## Program Definition

BSM is DLA's program to replace the agency's 1960 vintage legacy materiel management systems with commercial-off-the-shelf (COTS) software. BSM is an Enterprise Resource Planning (ERP) and Supply Chain Management system that will replace the agency's legacy systems with a state-of-the-art system (both business processes and technology) linking the entire supply chain from customer to supplier. This major re-engineering effort crosses all agency commodities (e.g. subsistence, construction, medical, etc.) to provide greatly improved end-to-end material, financial and procurement management. BSM is the most significant information technology and reengineering project in the Defense Logistics Agency today.

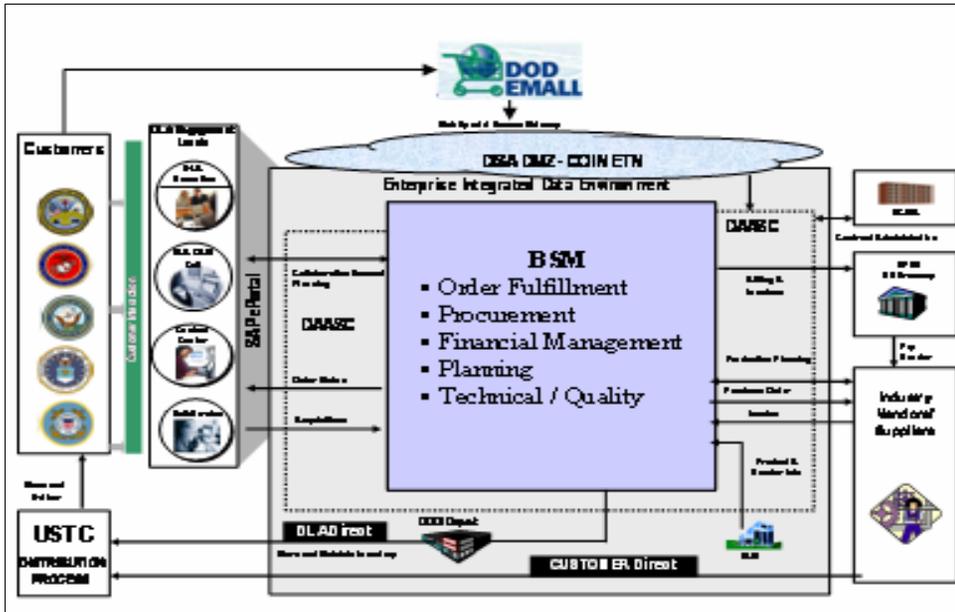
## Enabled Capabilities

Tier 2 Capability:

Logistics Information Fusion

Primary Capability:

Real-time, end-to-end control of the entire deployment, distribution, and sustainment pipeline -- from mobilization, deployment, employment, reconstitution, regeneration, redeployment, and demobilization, and across the entire logistics spectrum



## Programmatic Profile

Program Name: Business Systems Modernization (BSM)

Program Element Code: N/A

Acquisition Category: WCF

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$0.00	\$173.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Inventory	-	-	-	-	-	-	-

IOC Date: -

FOC Date: FY06

# Integrated Data Environment (IDE)

## Program Definition

IDE will employ a commercial-off-the-shelf (COTS) based information technology service-oriented architecture, which will provide industry-proven logistics transaction processing, data sharing, and state-of-the-art central data brokering capabilities. The DoD logistics community relies on the services provided by DLA's Defense Automatic Addressing System Center (DAASC), Defense Logistics Information Service (DLIS), and Defense Logistics Management Standards Office (DLMSO) for centralized data brokering, reference data, and business rule support. The transformation of these centralized services is vital to support the mandates of network-centric enterprise services and data sharing, supporting DLA and DoD enterprise transformation efforts.

## Enabled Capabilities

Tier 2 Capability:

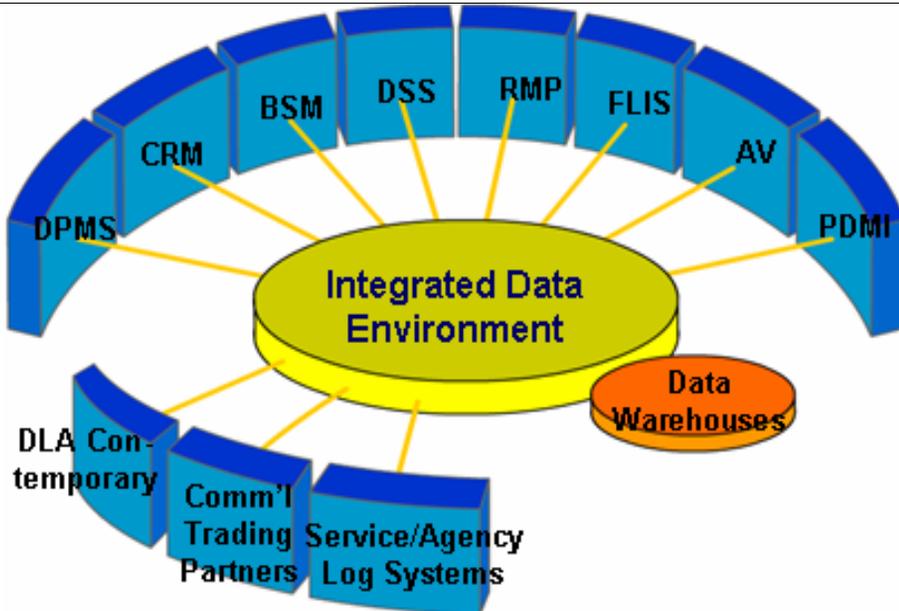
Logistics Information Fusion

Primary Capability:

A robust, end-to-end information grid

(a) assured communications

(b) DoD net centric enterprise services, such as universal transaction services, distributed environment support, and high assurance services



## Programmatic Profile

Program Name: Integrated Data Environment (IDE)

Program Element Code: N/A

Acquisition Category: WCF

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$0.00	\$10.80	\$7.30	\$0.00	\$0.00	\$0.00	\$0.00
Inventory	-	-	-	-	-	-	-

**IOC Date:** FY05

**FOC Date:** FY07

# Global Combat Support System (GCSS)

## Program Definition

Provides the U.S. Marine Corps with an integrated functionality across supply, maintenance, transportation and distribution for secure access to and visibility of logistics data. When fully integrated, these capabilities introduce a seamless end-to-end logistics chain that requires less reliance on forward positioned materiel, and capitalizes on near real-time information critical to the combat effectiveness of the Marine Corps.

## Enabled Capabilities

Tier 2 Capability: Logistics Information Fusion

Primary Capability: Real-time, end-to-end control of the entire deployment, distribution, and sustainment pipeline — from mobilization, deployment, employment, reconstitution, regeneration, redeployment, and demobilization, and across the entire logistics spectrum



## Programmatic Profile

Program Name: Global Combat Support System (GCSS)

Program Element Code: 26313M

Acquisition Category: IAM

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$15.26	\$13.84	\$17.44	\$22.47	\$23.89	\$19.71	\$12.41
Procurement/ Investment	\$12.41	\$12.84	\$11.71	\$8.58	\$11.35	\$10.60	\$14.43
Inventory	N/A						

**IOC Date:** 2Q FY07

**FOC Date:** 4Q FY07

# Enterprise Resource Planning (ERP)

## Program Definition

Provides a standard set of tools that will facilitate business process reengineering and provide interoperable data elements for acquisition, financial, and logistics operations.

## Enabled Capabilities

Tier 2 Capability:

Logistics Information Fusion

Primary Capability:

Real-time, end-to-end control of the entire deployment, distribution, and sustainment pipeline — from mobilization, deployment, employment, reconstitution, regeneration, redeployment, and demobilization, and across the entire logistics spectrum



## Programmatic Profile

Program Name: Enterprise Resource Planning (ERP)

Program Element Code: 0204161N (proc) 0605013N (R&D)

Acquisition Category: I

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$57.50	\$49.60	\$19.60	\$1.00	\$0.04	\$0.04	\$0.30
Procurement/ Investment	\$1.50	\$10.90	\$9.10	\$13.10	\$17.20	\$9.50	\$5.70
Inventory	Seats	9300	11098	38847	56117	76970	85046

**IOC Date:** July 2006

**FOC Date:** June 2011

# GTN 21

## Program Definition

GTN 21 provides in-transit visibility by integrating transportation information; it also supports USTRANSCOM's C2 mission requirements for planning, directing, and controlling operations of assigned forces pursuant to global transportation management. GTN 21 provides the transportation domain for the Global Combat Support System Family of Systems and will provide aggregated information so that the Commander In Chief, Combatant Commanders, USTRANSCOM (to include its component commands), and other transportation information customers can plan, have visibility of, make decisions upon, and execute the transportation mission.

## Enabled Capabilities

Tier 2 Capability: Logistics Information Fusion

Primary Capability: Real-time, end-to-end control of the entire deployment, distribution, and sustainment pipeline -- from mobilization, deployment, employment, reconstitution, regeneration, redeployment, and demobilization, and across the entire logistics spectrum



## Global Transportation Network for the 21<sup>st</sup> Century



## Programmatic Profile

Program Name: GTN 21

Program Element Code: RCCC: 100921

Acquisition Category: IAC

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/Investment	\$42.90	\$29.20	\$23.30	\$24.70	\$20.90	\$24.80	\$21.40
Inventory	-	-	-	-	-	-	-

**IOC Date:** 2Q FY07

**FOC Date:** 4Q FY11

# Modernized Global Decision Support System (GDSS)

## Program Definition

GDSS is a major modernization and integration initiative to improve Air Mobility Command (AMC) command and control (C2) capability. The goal for GDSS is to provide a global common operational view of air mobility information tailored to the specific needs of headquarters force-level controllers, wing-level command post personnel, operational support users, and deployed/theater users. GDSS mobility air forces data users include DoD Agencies, Combatant Commanders (COCOMs), Joint Task Force (JTF), and Foreign Governments. HQ AMC, as the Air Force component command of United States Transportation Command and the Tanker Airlift Control Center, AMC's execution agency, utilize the GDSS and its C2 systems interfaces to provide global planning, scheduling, execution management and monitoring of AMC joint forces during peacetime and wartime operations. GDSS supports the COCOMs in providing a common operational view of the mobility forces and materials to fight the Global War on Terrorism, Operation ENDURING FREEDOM and Operation IRAQI FREEDOM. GDSS is the primary C2 system used to disseminate and track airlift and tanker support for the deployment and movement of cargo and personnel to the theater of operations in support of the warfighter. GDSS automates the majority of air mobility tracking procedures that were previously performed by multiple legacy system. The current level of effort for the GDSS program includes the sustainment of multiple legacy systems, Command & Control Information Processing System (C2IPS), Integrated Management Tool (IMT) and the migration into a single, integrated system, which encompasses multiple interfaces with various C2 intransit visibility system.

## Enabled Capabilities

Tier 2 Capability: Logistics Information Fusion

Primary Capability: Real-time, end-to-end control of the entire deployment, distribution, and sustainment pipeline -- from mobilization, deployment, employment, reconstitution, regeneration, redeployment, and demobilization, and across the entire logistics spectrum

## Programmatic Profile

Program Name: Modernized Global Decision Support System (GDSS)

Program Element Code: 411.22

Acquisition Category: WCF

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Procurement/ Investment	\$47.50	\$41.60	\$43.00	\$45.20	\$45.80	\$43.70	\$45.70
Inventory	-	-	-	-	-	-	-

**IOC Date:** Aug 05

**FOC Date:** Jun 07

# Tactical Electrical Power

## Program Definition

Develops, procures, and fields quality electric power sources & associated equipment which directly supports all field power demands of modern weapon systems, TOC's, C4ISR, fire direction and control, life support and sustainment systems. Includes Aviation Ground Power Unit (AGPU), Advanced Medium Mobile Power Sources (AMMPS), 10kW Auxiliary Power Unit (APU), 2 to 100 kW TQGs, 5kW/28 VDC APU, Dep Pwr Gen & Dist, and MP2.

## Enabled Capabilities

Tier 2 Capability: Operational Engineering  
 Primary Capability: Advanced construction materials and technologies for improving operations in austere locations

## Programmatic Profile

Program Name: Tactical Electrical Power

Program Element Code: M59400000

Acquisition Category: III

(dollars in millions)

	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDTE	\$46.00	\$43.10	\$33.50	\$34.30	\$28.60	\$24.70	\$25.90
Procurement/ Investment	\$6.70	\$8.60	\$12.40	\$5.90	\$6.80	\$2.80	\$2.80
Inventory	37938	40683	42613	42811	43016	43157	43217

**IOC Date:** 4Q FY04 to 3Q FY06

**FOC Date:** 3Q FY05 to 4Q FY09

# Appendix B Initiatives that Support Tier 2 Focused Logistics Capabilities

The military services, COCOMS, and defense agencies identified the following initiatives as primarily supporting Tier 2 Focused Logistics capabilities.

<b>Agile Sustainment Programs</b>	
<b>Army</b>	
Integrated Logistics Aerial Resupply	
<b>DLA</b>	
Executive Agent	
<b>LP&amp;P</b>	
Agile Sustainment Project	
Performance Based Logistics	
Total Life Cycle Systems Management	
<b>MR&amp;MP</b>	
Achieving Required SPG/CPG Readiness Levels	Sustained Material Readiness Process Initiative
Condition Based Maintenance Plus	UID and Serialized Item Management
<b>SCI</b>	
Commodity Management	
Joint Regional Inventory Materiel Management (JRIMM)	
Readiness Based Sparing	
<b>USTRANSCOM</b>	
Defense Transportation Coordination Initiative	
<b>Joint Deployment/Rapid Distribution Programs</b>	
<b>JFCOM</b>	
Deployment and Distribution Process Integration	
<b>SCI</b>	
Radio Frequency Identification	
<b>USTRANSCOM</b>	
Joint Task Force—Port Opening	
Single Transportation Requirements Capture, Shipping Notification, Booking, Billing, and Sustainment Flow Optimization	
<b>Joint Theater Logistics Programs</b>	
<b>Army</b>	
Theater Sustainment Command	
<b>JFCOM</b>	
Joint (Experimental) Deployment and Support	
<b>USTRANSCOM</b>	
Director of Mobility Forces-Surface	
Joint Deployment and Distribution Operations Center	
<b>Operational Engineering</b>	
<b>Joint Staff (J4)</b>	
Joint Engineer Planning and Execution System (Version 7)	

# Integrated Logistics Aerial Resupply (ILAR)

## Initiative Description

ILAR is a holistic approach to aerial resupply—Airland, Airdrop and Slingload Distribution Operations in balance and in sync with surface Distribution Based Logistics Operations. It will provide a full range of aerial delivery support/services; take advantage of Joint intermodal enablers; and be transparent to our COCOMs. The ILAR initiative is evaluating each of the subcomponents through prototyping, demonstrations, and analysis to determine requirements, existing capabilities and gaps and looking horizontally across subcomponents to ensure that they are synchronized in a way that provides a holistic aerial resupply capability.

Components of ILAR include: Aerial Resupply Aircraft (Fixed and Rotary Wing, and Unmanned Aerial Vehicles (UAV); Modular Packaging and Containers (i.e., the Joint Intermodal Distribution System (JIDS); Platforms (i.e., 463L pallets, CROPS, Enhanced Container Delivery System (ECDS); Configured Loads and Other Support Concepts; Delivery Systems (i.e., Joint Precision Airdrop System (JPADS), Low Velocity Airdrop System (LVADS) etc.), Low Cost Airdrop System High Velocity (LCADS HV); and Technology Integration (i.e., Automatic Identification Technology (AIT), Weigh-In-Motion (WIM), Army Nodal Transloader (ANT), Aircraft Interface Kit (AIK), Joint Intermodal Distribution System (JIDS) etc.)

## Expected Outcome

The ILAR initiative will support development of JCIDS documentation that defines the full aerial resupply requirement. It will address the full range of aerial delivery support/services and Joint intermodal enablers necessary to fully support our COCOMs over the full spectrum of operations.

Tier 2 Capability: Agile Sustainment  
 Primary Capability: Perform tactical resupply, including delivery by airdrop (both traditional “dumb drops” and precision aerial delivery), air/land, as well as by land- or sea-based assets

Supporting Tier 2 Capabilities:

## Milestones

- FY06 Capability Exploration  
 - Explore the capabilities of multiple aerial delivery systems, fixed and rotary-wing aircraft, unmanned aircraft, slingload operations, and emerging enabler technologies and modular packaging and containers to enhance the aerial resupply process.
- FY 07 Capabilities Documentation  
 - Develop a Capabilities Development Document (CDD) defining airdrop program requirements and incorporate the results of the capabilities exploration process.
- FY08 Capability Institutionalization  
 - Develop TTPs to describe holistic Integrated Logistics Aerial Resupply procedures.

## Resource Requirements

(dollars in millions)

FY05	FY06	FY07	FY08	FY09	FY10	FY11
-	\$3.0	\$3.0	\$3.0	-	-	-



# Executive Agent (EA)

## Initiative Description

EA is a governance structure to insure collaboration and cooperation among the Services to achieve end-to-end logistics support for the warfighter. DLA has been designated as EA to execute supply chain management for various supply classes from source of supply to the point of customer acceptance to improve efficiency. DLA is designated as the DoD EA for Class I (Subsistence), Class III (Bulk Fuels), and Class VIII (Medical Materiel). EA directly supports DoD's logistics transformation, the Focused Logistics Joint Functional Concept, and AT&L's plan to implement a distributed and adaptive logistics capability envisioned in the Future Logistics Enterprise End-to-End Customer Support.

## Expected Outcome

Increased supply readiness, reduced cost, reduced investment, reduced customer wait time thus enabling both the industrial base and sustaining organizations to better meet routine and surge requirements.

Tier 2 Capability: Agile Sustainment  
 Primary Capability: Integrated and synchronized executive agent responsibilities, contractor logistics support and third/host nation support

Supporting Tier 2 Capabilities:

- Flexible industrial base
- Tailored sustainment
- Precision tactical re-supply
- Interoperability across Services
- Civilian collaboration
- Integration of EA, CLS, & Host Nation support

## Milestones

Complete Supply Class I (Subsistence), III (Bulk Fuels) and VIII (Medical Material)  
 FY05 Supply Class II (Clothing & Textiles)  
 FY05 Supply Class IV (Construction and Barrier Material)

## Resource Requirements

(dollars in millions)

FY05	FY06	FY07	FY08	FY09	FY10	FY11
-	-	-	-	-	-	-

<i>Classes of Supply</i>	<i>Status</i>
<b>Class I Subsistence</b>	<b>DoDD 5101.10</b>
<b>Class II Clothing &amp; Textiles</b>	<b>Internal DLA Coordination</b>
<b>Class III Bulk Fuels</b>	<b>DoDD 5101.8</b>
<b>Class IV Construction &amp; Barrier Materiel</b>	<b>Reinitiated SD 106 Staffing Sep 2004</b>
<b>Class VIII Medical Materiel</b>	<b>DoDD 5101.9</b>

# Agile Sustainment Project (ASP)

## Initiative Description

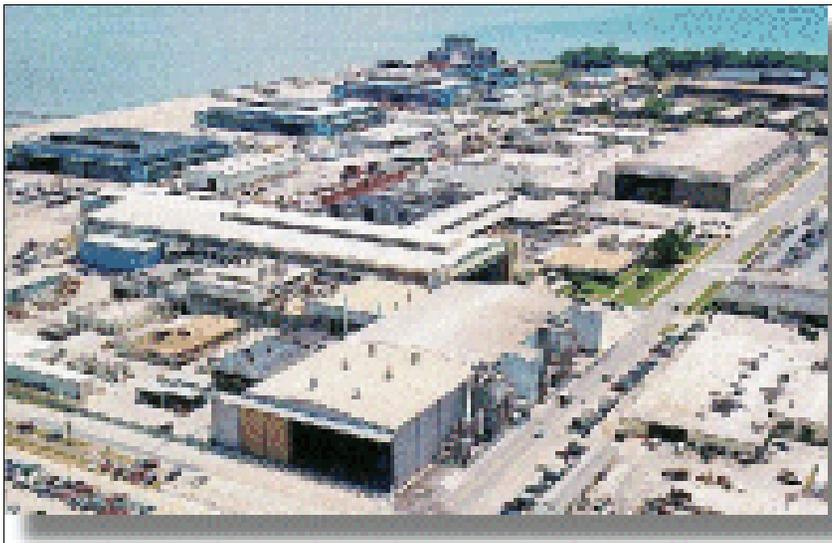
This initiative seeks to develop processes which enable much improved sustainment support for equipment and other end-items where fulfillment of material requirements have become diminished through traditional DoD procurement means. By focusing on the 100 oldest orders (oldest is about 6.5 years, youngest is about 2.5 years old) held at Defense Supply Center Richmond (DSCR) and Defense Supply Center Columbus (DSCC), analysis will be performed to determine root cause. This will lead to development and adoption of new policy, processes, technology and organizational change as required.

## Expected Outcome

To achieve industry standard response times. The identification of many parts where the original manufacturer discontinued production long ago, or where there is insufficient surge capacity, often translates into an effort to qualify new sources and all the attendant testing and delays. By pursuing Performance Based Logistics (PBL) relationships with trusted companies with broad capabilities to handle the range of products and services required, Diminished Manufacturing Services and Material Sources (DMSMS) item Customer Wait Time should improve significantly.

Tier 2 Capability: Agile Sustainment  
 Primary Capability: Industrial base meets routine and surge requirements

Supporting Tier 2 Capabilities: - Collaborate with the civilian sector to take advantage of advanced business practices, commercial economies, and global non-military networks



## Milestones

- FY05 Pilot Program
  - Jun 05 Understand oldest 100 orders at DSCR/DSCC
  - Sep 05 Develop classes of Parts
  - Oct 05 Pursue PBL agreements
  - Oct 05 Export new processes to other depots
- FY06 Export process to 2 depots
- FY07 Full implementation across DOD

## Resource Requirements

(dollars in millions)

FY05	FY06	FY07	FY08	FY09	FY10	FY11
-	-	-	-	-	-	-

# Performance Based Logistics (PBL)

## Initiative Description

Performance-Based Logistics (PBL) is DoD's preferred strategy for weapon system production support that employs the purchase of support as an integrated, affordable, performance package designed to optimize system readiness. It establishes performance goals for a weapon system through a support structure based on long-term performance agreements with clear lines of authority and responsibility to continuously meet the user's needs

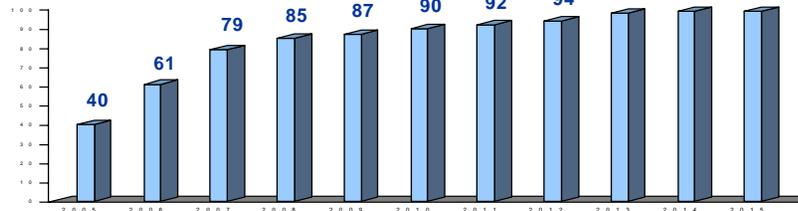
## Expected Outcome

Through adoption of strategies across the PBL spectrum, PBL will lead to the following outcomes: (1) Increased operational availability; (2) Improved operational reliability; (3) Reduced cost per unit usage; (4) Smaller logistics footprint; (5) Minimized logistics response time. PBL's goal is purchase weapon system sustainment as an affordable, integrated package, based on output measures such as weapon system availability, rather than input measures, such as parts and technical services to optimize total system availability while minimizing cost and logistics footprint for DOD weapons systems.

Tier 2 Capability: Agile Sustainment  
 Primary Capability: Industrial base meets routine and surge requirements

Supporting Tier 2 Capabilities: - Sustaining organizations meet routine and surge requirements; Collaborate with the civilian sector to take advantage of advanced business practices, commercial economies, and global non-military networks  
 - Remotely monitor and diagnose system health and to sense, predict, anticipate, and report failures and consumption, and thus anticipate demand associated with current, modernized, and transformed forces and weapons systems  
 - Upgrade current systems and field future weapons systems with designed-in deployability, reliability, maintainability, availability, sustainability, and interoperability to increase readiness and reduce logistics requirements and costs

## PBL Implementation (2005-2015)



- AGM-88E, AMW, AMRAAM, DDG-51, F/A-18E/F, JSOW, MIDS, MH-60R, MH-60S, NESP, SRS, T-45TS, ASBS, CEC, ALR-67 (V), AEGIS, Radar, ALE-50A, C2P, CASS, Phalanx, LW 155-N
- Abrams Upgrade, FMTV, Javelin, Longbow, Apache, Patriot PAC III, Stryker, ACTF, CCTT, CCS, SENTINEL, SHADOW, TOW-ITAS, ALR-67 (V) (B)AV, AEGIS, XMC29, ALE-50A, C2P, CASS, Phalanx, F-117, JSTARS
- Tact Tomahawk, LPD-17, SSN774, AMCAD, APG-65/73, AV8B HISS, E-4B, SHF, AN/AGS-20A, GMLRS, Land Warrior, JTRS-5, ACS, TMAAD, WIN-T, ADDS-EPLRS, JBPDF, B-2 RMP, MP RTIP, Global Hawk, F/A-22
- LCS, MV-22, ASG-22B, ESSM, ATIRCM, Bradley, Stryker Upgrade, HIMARS, MLRS, JTRS-1, ACS, FCS, LW 155-A, Paladin, Smart-T, B-52 DSC, IB5, KC-10
- Cobra Judy, H-1 Upgrade, ALMDS, AMNS, LMRS, OASIS
- EA-18G, CV-22, RAMPICS, C-5, RERP
- E-20 AHE, ADV, EHF, LHA(R), M/F-35, J5F, AF-35, J5F
- DD (X), MHA, NF-35, J5F, AF-35, J5F
- CVN-21

**IN-WORK (18)**  
 E2C Repro, VXX, Adv Arresting Gear, ERGM, AN/ALQ-218, AN/ALQ-214, JTCT5/TCS, CAP, MEUUV, MTVR, P3C AIP, RMS, RAM, SLAM-ER, UAV-VTUAV, FBCB2, Patriot Meads, CHS, SLAMRAAM

Source: Service input as of 22 Mar 05

## Milestones

- Sep 2001 QDR mandated implementation of Performance-Based Logistics (PBL)
- May 2003 DOD 5000.1 and 5000.2 establishes PBL as the preferred support strategy within DoD and requires PMs to develop and implement PBL strategies.
- 2003 DPG requires each MILDEP to submit a plan for applying PBL to all new weapons systems
- 2005 PBL implemented on 40 programs
- 2006 Per SPG, Services complete BCAs on all ACAT I and II systems not planned for PGL
- 2015 PBL implemented on 60 additional programs (68% of ACAT I & II)

## Resource Requirements (dollars in millions)

FY05	FY06	FY07	FY08	FY09	FY10	FY11
-	-	-	-	-	-	-

# Total Life Cycle Systems Management

## Initiative Description

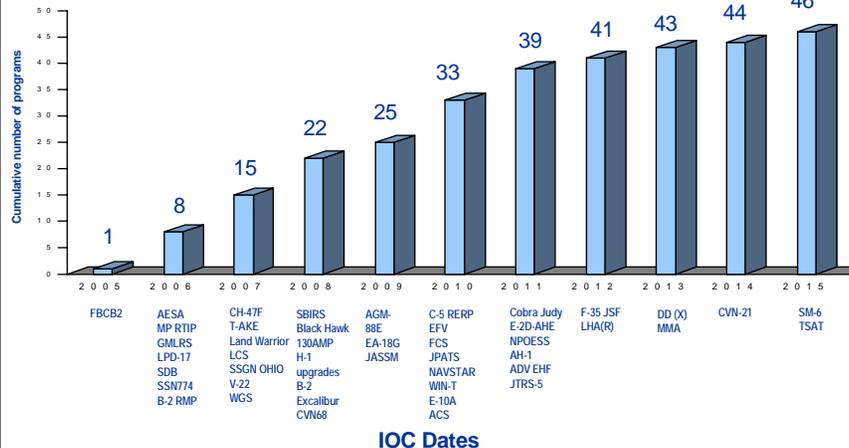
TLCSM is the implementation, management, and oversight, by the designated Program Manager, of all activities associated with the acquisition, development, production, fielding, sustainment, and disposal of a DOD weapon system across its life cycle. TLCSM establishes a single point of oversight and accountability for weapon system acquisition and sustainment. It emphasizes early and continuing emphasis on translating performance objectives into operationally available and affordable increments of capability over the life cycle. Although a variety of product support strategies are available to the Program Manager, Performance Based Logistics (PBL) is the preferred DoD strategy. PBL is a weapon system product support strategy that employs the purchase of support as an integrated, affordable performance package designed to optimize system readiness.

## Expected Outcome

Implementation of the TLCSM business approach means that all major materiel alternative considerations, and all major acquisition functional decisions, demonstrate an understanding of the effects on consequential operations and sustainment phase system effectiveness and affordability. TLCSM establishes the PM as the single point of accountability to optimize operational reliability and availability while reducing footprint and life cycle.

- Tier 2 Capability: Agile Sustainment
- Primary Capability: Supported weapons systems with designed-in deployability, reliability, maintainability, availability, sustainability, and interoperability to increase readiness and reduce logistics requirements and costs
- Supporting Tier 2 Capabilities:
- Industrial base meets routine and surge requirements
  - Remotely monitor and diagnose system health and to sense, predict, anticipate, and report failures and consumption, and thus anticipate demand associated with current, modernized, and transformed forces and weapons systems
  - Upgrade current systems and field future weapons systems with designed-in deployability, reliability, maintainability, availability, sustainability, and interoperability to increase readiness and reduce logistics requirements and costs

## TLCSM Implementation (2005-2015)



## Milestones

- May 2003 DOD Directive 5000.1 established the PM as the single point of accountability for accomplishing TLCSM, including sustainment.
- June 2003 CJCS 3170 issued – established supportability as a new requirement
- 2004 DoD 5000 issued – PM single point of accountability for TLCSM
- 2005 – 2010 25 new Pre-MDAP/MDAP programs incorporate TLCSM principles and delivered to user in 2010
- Post 2010 21 additional TLCSM programs will be delivered to user

## Resource Requirements (dollars in millions)

FY05	FY06	FY07	FY08	FY09	FY10	FY11
-	-	-	-	-	-	-

# Achieving Required SPG/CPG Readiness Levels

## Initiative Description

Strategic policy initiative to firmly align the daily activities, and resulting products & services, of the integrated DoD weapon system support infrastructure with the specific equipment which must be available to enable tasked units to successfully execute assigned missions IAW published SPG/CPG and other high-level planning documents. Supporting DRRS objectives (DoDD 7730.65), the program will correlate desired unit capabilities with required equipment, and objectively quantify the optimum equipment inventory to which each unit is entitled - for each tasked mission. Availability of this equipment, ready for use, becomes the management objective, and performance standard, of all functional weapon system support capabilities (e.g., supply, maintenance, distribution, sustaining engineering), both individually and collectively.

## Expected Outcome

Measuring the performance of the weapon system materiel readiness value chain in terms of mission equipment availability requirements at the operational unit level will promote shared expectations with respect to system support. Documenting quantifiable shared expectations in readiness and sustainment plans provides for a much better understanding of true cause-and-effect relationships among readiness drivers and enables support resources to be optimally balanced, dramatically increasing the likelihood that 100% of the support which should be delivered to the operating forces actually is delivered. Expect improvement in materiel availability at no increase in life-cycle cost (or continued achievement of current readiness goals at reduced LCC).

Tier 2 Capability: Agile Sustainment  
 Primary Capability: Sustaining organizations meet routine and surge requirements

Supporting Tier 2 Capabilities: - Industrial base meets routine and surge requirements  
 - Upgrade current systems and field future weapons systems with designed-in deployability, reliability, maintainability, availability, sustainability, and interoperability to increase readiness and reduce logistics requirements and costs

## Milestones

- 2005 Establish MR&MP as the DRRS focal point for DoD sustainment. Provide leadership for Service and DLA ERP development efforts to eventually be capable of satisfying the DRRS "Equipment" and "Supply" resource information requirements.
- 2006 Publish a revised DoDI 3110.5, "Materiel Condition Reporting for Mission-Essential Systems and Equipment" that is compatible with the DRRS operational concept. Subsequently, assess the ability of planned readiness and condition reporting systems to provide information essential to OSD for decision-making.
- 2007/08 All Services initiate development of capability to utilize resources-to-readiness data using materiel readiness predictive modeling and simulation tools.

## Resource Requirements

(dollars in millions)

FY05	FY06	FY07	FY08	FY09	FY10	FY11
-	-	-	-	-	-	-



MR&MP

Agile Sustainment

# Condition Based Maintenance Plus (CBM+)

## Initiative Description

CBM+ is an umbrella initiative designed to integrate “best-of-breed” maintenance strategies and concepts including, but not limited to, Condition Based Maintenance and Reliability Centered Maintenance with emerging diagnostics and prognostics technology to increase maintenance efficiency and productivity and decrease weapon system sustainment costs. CBM+ capitalizes on advances in technology and commercial information processing capabilities to support maintenance and logistics operations. CBM+ is not a single-event solution, but a broad maintenance improvement approach that repeatedly challenges weapons platform and equipment managers to collect meaningful information, analyze system performance, assess new technologies and processes, and implement effective solutions that enable improved capabilities.

## Expected Outcome

Continuous Process Improvement identifies processes within the sustainment value chain which are constraining the delivery of required materiel readiness, and provides the opportunity to substitute better processes. By employing the more efficient processes identified under the CBM+ initiative, the cost of readiness can be reduced up to 20% without reducing materiel availability.

Tier 2 Capability: Agile Sustainment  
 Primary Capability: Remote monitoring, diagnostic, and prognostic devices and knowledge based information systems to sense, predict, report, and anticipate failures and consumption and thus to anticipate demand - associated with current, modernized, and transformed forces and weapons systems

Supporting Tier 2 Capabilities:

- Industrial base meets routine and surge requirements
- Sustaining organizations meet routine and surge requirements
- Upgrade current systems and field future weapons systems with designed-in deployability, reliability, maintainability, availability, sustainability, and interoperability to increase readiness and reduce logistics requirements and costs

## Milestones

- 2006 CBM+ elements (CBM, RCM, diagnostics, etc) identified and inserted in appropriate OSD and Service guidance
- 2007 Resource strategy for CBM+ enabling development/prototype efforts with commercial sector published
- 2008 Diagnostics and health management systems demonstrated in the fielded environment
- 2010 Selected CBM+ characteristics demonstrated in all SORTS-reported weapon systems

## Resource Requirements

(dollars in millions)

FY05	FY06	FY07	FY08	FY09	FY10	FY11
-	-	-	-	-	-	-



# Sustained Materiel Readiness Process Improvement

## Initiative Description

Program to institutionalize continuous improvement of the processes by which materiel readiness is created and delivered throughout the end-to-end DoD sustainment value chain. Program emphasizes the use of clearly defined, measurable cause and effect metrics and the timely collection of accurate value chain performance data. Ability to use credible data to analytically model materiel readiness enables improved sustainment decision making and budgeting. Program includes the institutional implementation of Continuous Improvement (CI) tools (Lean, Theory of Constraints, etc.) and the use of sound Sustaining Engineering (SE) practices, particularly in the area of weapon system reliability analysis.

## Expected Outcome

Fact based insight into specific strengths and weaknesses of the entire, integrated materiel readiness value chain will encourage balanced application of resources to optimize productive output. Depot & field-level repair cycle time can be reduced as much as 30%. Average customer wait time for replenishment items can be cut up to 30%. Weapon system reliability improvements can improve failure rates by 25%. Total ownership cost can be reduced up to 10% without lowering materiel readiness.

Tier 2 Capability: Agile Sustainment  
 Primary Capability: Collaborate with the civilian sector to take advantage of advanced business practices, commercial economies, and global non-military networks

Supporting Tier 2 Capabilities:

- Industrial base meets routine and surge requirements
- Sustaining organizations meet routine and surge requirements
- Upgrade current systems and field future weapons systems with designed-in deployability, reliability, maintainability, availability, sustainability, and interoperability to increase readiness and reduce logistics requirements and costs

## Milestones

- 2006 OSD continuous process improvement policy guidance to optimize and institutionalize reliability and repair cycle time efficiencies has been published.
- 2007 Services routinely employ LEAN THINKING to improve the process by which materiel readiness is achieved and sustained.
- 2010 All Service Readiness Budgets are driven by quantifiable and objective data. Requirements to make targeted changes to either equipment reliability or equipment sustainment cycle time (or both) are defensible. End-to-end sustainment processes are in control and readiness accounts are optimally resourced.

## Resource Requirements

(dollars in millions)

FY05	FY06	FY07	FY08	FY09	FY10	FY11
-	-	-	-	-	-	-



# UID and Serialized Item Management

## Initiative Description

UID is a mandatory DoD program which places a machine readable identification mark on the Department's tangible assets, and establishes the data management protocols needed to automatically recover stored information about the item from both static and dynamic data bases. UID policy complements existing DoD policy on serialized item management (SIM). SIM associates an item's assigned identification number with dynamically updated attributes of the item to produce a life history record of the item. Enabled by UID, decision makers will be able to access this life history or "pedigree" information to achieve a level of situational awareness about item location, usage, performance, reliability and ownership cost not previously possible.

## Expected Outcome

UID/SIM is a key enabler of wholesale, institutionalized Continuous Process Improvement. CPI, and associated analytical readiness modeling are possible only if the data is available. UID/SIM provides the data. By using this data to optimally balance readiness resources, depot & field-level repair cycle time can be reduced as much as 30%. Average customer wait time for replenishment items can be cut up to 30%. Weapon system reliability improvements can improve failure rates by 25%. Total ownership cost can be reduced up to 10% without lowering materiel readiness.

Tier 2 Capability: Agile Sustainment  
 Primary Capability: Collaboration with the civilian sector to take advantage of advanced business practices, commercial economies, and global nonmilitary networks

Supporting Tier 2 Capabilities:

- Industrial base meets routine and surge requirements
- Sustaining organizations meet routine and surge requirements
- Upgrade current systems and field future weapons systems with designed-in deployability, reliability, maintainability, availability, sustainability, and interoperability to increase readiness and reduce logistics requirements and costs

## Milestones

May 05 Legacy UID Program Plan for DoD Depots published  
 Jun 05 UID Program Plans (ACAT 1D Programs) approved  
 Dec 05 FOC UID CONOPS for DoD Maintenance published  
 Jan 06 UID Program Plans (all Programs) approved  
 Jan 06 All GFE meets UID policy requirements  
 Sep 07 All existing serialized assets entered in UID Registry  
 Sep 07 FOC legacy marking capability at all organic Depots. All parts routinely marked as they cycle through the depot repair/rework process. Serialized Item Management enabled for marked parts.

## Resource Requirements

(dollars in millions)

FY05	FY06	FY07	FY08	FY09	FY10	FY11
-	-	-	-	-	-	-

**EID**

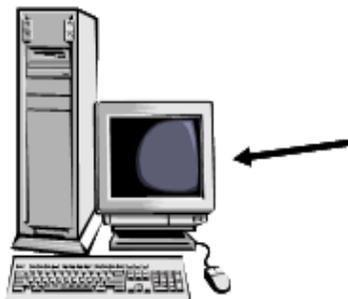
**(17V)0CVA5**

**Original Part Number (1P)1234**



**Serial Number**

**(S)786950**



# Commodity Management

## Initiative Description

Commodity management is a systematic approach to the entire usage cycle for groups of items. It makes available key commodities, in the needed quantities, both in peace and wartime, when demand patterns can differ substantially. Commodity teams, unique to each commodity, develop thorough understanding of both a commodity's internal buying pattern and the market forces surrounding the commodity. This understanding is leveraged to drive best-value total installed cost, improve quality, reduce cycle time, and procure at lowest unit cost through component commonality and design for manufacturability and maintainability.

## Expected Outcome

Implementation of commodity management will ensure identification and availability of theater support requirements regardless of demand patterns typically based on peace-time requirements. This will allow Joint Theater Commanders increased operational flexibility through availability of material in the correct quantities and support increased war-time demand patterns. Thus the industrial base as well as sustaining organizations are more capable of meeting warfighter requirements, regardless of unique commodity characteristics. This initiative is part of a supply chain improvement package that includes RFID, Readiness Based Sparing (RBS), and Joint Regional Inventory Material Management (JRIMM). The initiatives, as a whole, are expected to reduce backorders by 20%, establish customer wait times of 15 days or below, reduce Logistics Response Time to 2 days or less, and improve on time order fulfillment to 80% or greater.

Tier 2 Capability: Agile Sustainment  
 Primary Capability: Industrial bases meets routine and surge requirements

Supporting Tier 2 Capabilities: - Sustaining organizations meet routine and surge requirements

## Milestones

- Mar 2005 Commodity pilot areas identified
- May 2005 Commodity management contractor identified, pilots begin
- Nov 2005 Final report on pilots and proposed commodity management strategy complete
- 2006 Commodity teams stood up and initial contracting strategies in place to reflect Commodity Management strategy
- 2007-2010 Additional commodity teams in place
- 2010 Commodity Management Strategy implemented throughout DOD

## Resource Requirements

(dollars in millions)

FY05	FY06	FY07	FY08	FY09	FY10	FY11
-	-	-	-	-	-	-



# Joint Regional Inventory Materiel Management (JRIMM)

## Initiative Description

Joint Regional Inventory Materiel Management (JRIMM) consolidates materiel distribution within a given geographic area. This results in the elimination of extraneous inventory locations and associated materiel handling, and leads to more efficient and effective distribution within the defined region. JRIMM brings together all DoD components in each geographic location for continual distribution process improvement aimed at streamlined materiel flow within either that region or theater of operations.

## Expected Outcome

JRIMM provides reduced cycle time and decreased variability in customer wait times. It supports increased readiness throughout each region or geographic area through improved materiel availability. Within a theater of operations, it allows COCOMs and Joint Theater Commands greater operational flexibility as distribution processes are regionally optimized to maximize use of available resources. This initiative is part of a supply chain improvement package that includes RFID, Commodity Management, and Readiness Based Sparing (RBS). The initiatives, as a whole, are expected to reduce backorders by 20%, establish customer wait times of 15 days or below, reduce Logistics Response Time to 27 days or less, and improve on time order fulfillment to 80% or greater.

Tier 2 Capability: Agile Sustainment  
 Primary Capability: Sustaining organizations meet routine and surge requirements

Supporting Tier 2 Capabilities: - Collaborate with the civilian sector to take advantage of advanced business practices, commercial economies, and global nonmilitary networks

## Milestones

- 2004 San Diego pilot implementation begins.
- 2005 San Diego pilot site begins attriting materiel to JRIMM determined levels.
- 2005 JRIMM implementation underway on Oahu with participation by 4 Services and DLA
- 2006 JRIMM roll out to other geographies and locations
- 2008 Full implementation

## Resource Requirements

(dollars in millions)

FY05	FY06	FY07	FY08	FY09	FY10	FY11
-	-	-	-	-	-	-



# Readiness Based Sparing (RBS)

## Initiative Description

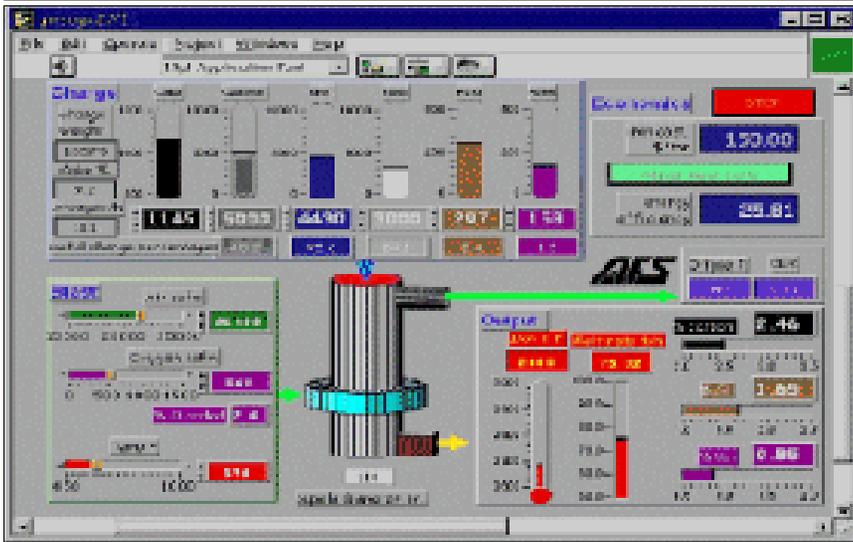
Readiness Based Sparing (RBS) is an inventory requirements determination methodology that produces inventory investment solutions that support end-item performance requirements at minimum cost. RBS optimizes allocation of inventory to the most appropriate location relative to the supported repairable end-item and level of assembly. This optimization is accomplished through development of support plans both for routine and surge scenarios developed through scenario analysis and other modeling techniques.

## Expected Outcome

RBS provides increased readiness through optimized stock positioning and inventory levels. This optimization provides theater supply activities improved material availability - both end-items and support for end-item repair, translating into improved end-item availability and readiness for COCOMs and Joint Theater Commanders. This initiative is part of a supply chain improvement package that includes RFID, Commodity Management, and Joint Regional Inventory Material Management (JRIMM). The initiatives, as a whole, are expected to reduce backorders by 20%, establish customer wait times of 15 days or below, reduce Logistics Response Time to 27 days or less, and improve on time order fulfillment to 80% or greater.

Tier 2 Capability: Agile Sustainment  
 Primary Capability: Sustaining organizations meet routine/surge requirements

Supporting Tier 2 Capabilities: - Industrial base meets routine/surge requirements  
 - Collaborate with the civilian sector to take advantage of advanced business practices, commercial economies, and global nonmilitary networks



## Milestones

- 2003 RBS is included in DoD 4140.1-R, DoD Supply Chain Materiel Management Regulation
- 2005 Joint Advanced Planning and Scheduling Program Office (JAPSO) formed.
- 2005 Components to brief current status and road ahead for RBS.
- 2005 RBS Steering Committee and Working Group formed to speed time to benefit from RBS.
- 2005 Initial cross-service implementations identified.
- 2006 Requirements definition for RBS complete/implementation plan developed and complete.
- 2007 Services begin RBS implementation
- 2009 RBS Implementation complete

## Resource Requirements

(dollars in millions)

FY05	FY06	FY07	FY08	FY09	FY10	FY11
-	-	-	-	-	-	-

# Defense Transportation Coordination Initiative (DTCI)

## Initiative Description

DTCI is a contracting/acquisition initiative to rationalize CONUS-based shipping. Contract with a third-party logistics provider/team in order to perform more efficient modal determination (rail/air vs. truck) and shipment consolidation & optimization (LTL vs. TL).

3PL capability/experience will harness industry best commercial practices and capabilities to improve the reliability, predictability, and efficiency of DoD materiel moving within the Continental United States through a long term partnership with a world-class coordinator of transportation management services.

## Expected Outcome

Increased confidence in the CONUS supply chain through improved visibility, reliability, and predictability and operational effectiveness.

Ensure routine and surge distribution requirements are met by leveraging best commercial practices, small business utilization and industry based assets.

Establish common processes and measured performance standards in regards to CONUS distribution.

Performance Gains:

Cost avoidance for all Service/Defense agencies through consolidation and optimization of CONUS-based shipping

Improved ITV across CONUS freight movements

Tier 2 Capability: Agile Sustainment

Primary Capability: Sustaining organizations meet routine/surge requirements

Supporting Tier 2 Capabilities:

- Industrial base to meet routine and surge requirements

- Collaborate with the civilian sector to take advantage of advanced business practices, commercial economies, and global nonmilitary networks



## Milestones

Jun 06 Award/Begin Ramp-Up

Jan 07 DTCL Implemented at DLA sites (IOC)

Jan 09 Co-located sites (w/ 50 mi DLA depots)

Jun 10 Other designated installations (FOC)

## Resource Requirements

(dollars in millions)

FY05	FY06	FY07	FY08	FY09	FY10	FY11
-	-	-	-	-	-	-

# Deployment and Distribution Process Integration (DDI)

## Initiative Description

DDI is a partnered effort between USTRANSCOM and USJFCOM that leverages approved architectures (DODAF-compliant) to integrate joint deployment and global distribution processes. Constructed around the Joint Staff requirements framework (JCIDS), DDI facilitates implementation of recommended improvements, either through Doctrine Organization Training Materiel Leadership Personnel Facilities (DOTMLPF) Change Recommendations (DCRs) or through Initial Capability Documents (ICDs). DDI leverages lessons learned, real-world operations, and exercise findings to feed experimentation. Products are vetted through the Joint Planning and Execution Community (JPEC) prior to presentation to the appropriate Functional Capabilities Boards for endorsement and implementation. An annual iterative process, the first three focus areas include (1) requirements generation and sourcing, (2) asset visibility, and (3) force and capability closure. In subsequent years, additional focus areas will be evaluated under the process.

## Expected Outcome

This initiative provides COCOMs and Joint Theater Commanders with the situational awareness necessary to help meet key deployment/sustainment objectives prescribed by DoD's Joint Swiftiness Goals and other governing directives/policy. Commanders achieve these objectives through the capability to better manage and optimize the flow of forces, equipment and supplies into theaters of operation, as realized through implementation of this initiative.

Tier 2 Capability: Joint Deployment/Rapid Distribution  
 Primary Capability: Optimize rapid projection, delivery, and handoff of joint forces and sustainment assets worldwide

Supporting Tier 2 Capabilities: - Deployment and distribution processes and their enabling business practices and systems share, integrate, and synchronize data and information as necessary, both vertically and horizontally, from the strategic to the tactical levels  
 - Exercise real-time, end-to-end control of the entire acquisition, deployment, distribution, and sustainment pipeline – from mobilization, deployment, employment, reconstitution, regeneration, redeployment, and demobilization, and across the entire logistics spectrum

## Milestones

- Jun 05 New process integrated architecture ("As Is" deployment and "As Is" Defense Transportation System) delivered
- Oct 05 JPEC vets process improvements in first three focus areas – DCRs submitted through JCIDS process
- Jul 06 Integrated Force Projection "To Be" architecture delivered
- Oct 06 JPEC vets Force Projection Process
- Oct 07 JPEC vets final process improvements – appropriate JCIDS documentation submitted to Joint Staff

## Resource Requirements

(dollars in millions)

FY05	FY06	FY07	FY08	FY09	FY10	FY11
\$1.70	\$1.80	\$1.90	\$1.90	\$2.00	\$2.00	\$2.10



# Radio Frequency Identification (RFID)

## Initiative Description

Implements active RFID to track consolidated shipments overseas and passive RFID to optimize the DoD supply chain to take maximum advantage of the inherent life-cycle asset management efficiencies that can be realized with integration of RFID throughout DoD.

## Expected Outcome

RFID is a transformational technology that will play a vital role in achieving the DoD vision for implementing knowledge-enabled logistic support to the warfighter through fully automated visibility and management of assets. RFID will directly enable the sharing, integrating and synchronizing of data from the strategic to the tactical level as the advance ship notices are forwarded to the nodes in the supply chain. The improved asset visibility as well as timely and accurate shipping and receiving data, will provide the Joint Theater Commander the ability to anticipate and better plan sustainment in support of joint operations.

Tier 2 Capability: Joint Deployment/Rapid Distribution  
 Primary Capability: Real-time, end-to-end control of the entire deployment, distribution, and sustainment pipeline — from mobilization, deployment, employment, reconstitution, regeneration, redeployment, and demobilization, and across the entire logistics spectrum

Supporting Tier 2 Capabilities: - Deployment and distribution processes and their enabling business practices and systems to share, integrate, and synchronize data and information as necessary, both vertically and horizontally, from the strategic to the tactical levels (JD/RD)

## Milestones

- Jan 2005 Suppliers apply passive RFID tagging – Class I (some), II, VI, IX shipments to DDSP and DDJC
- Sep 2005 Implement tactical USMC pilot
- Oct 2005 Finalize Service/USTRANSCOM RFID implementation plans
- Dec 2005 Implement RFID at 3 aerial ports
- Jan 2006 Implement at all CONUS distribution centers
- Jan 2006 Commence full-scale implementation of Active RFID in Navy and Air Force
- Jan 2006 Suppliers apply passive RFID tagging to Class I (some), II, VI, IX shipments to distribution depots, aerial ports, and maintenance facilities items
- Jan 2007 Implement at all OCONUS distribution centers
- Jan 2007 Suppliers apply passive RFID tags to all shipments for all commodities

RFID data available to the Joint Theater Commander through JTA V, GTN, and RFITV servers, and the Battle Command Sustainment (BCS) system

## Resource Requirements

(dollars in millions)

FY05	FY06	FY07	FY08	FY09	FY10	FY11
-	\$77.10	\$65.00	\$67.10	\$65.50	\$64.90	\$65.70



# Joint Task Force – Port Opening (JTF-PO)

## Initiative Description

Joint Task Force – Port Opening (JTF-PO) is a combination of people, equipment, and systems necessary to achieve a rapidly deployable, early entry, expeditionary theater-opening capability. JTF-PO's are composed of USTRANSCOM-assigned active-duty forces that are pared and tailored to meet Regional COCOM requirements. The JTF-PO establishes port operations, cargo handling, C2, and theater level in-transit visibility.

Benchmarking air operations benefits offered by the Air Force Contingency Response Groups (CRG), the JTF-PO concept is intended to expand the initial airfield opening role of the CRG to include the establishment of full C2 links to the COCOM JDDOC and to the USTC DDOC.

## Expected Outcome

Capability to deploy and immediately begin receiving follow-on forces in a austere environment. Although event driven, it is expected that within 4-6 weeks, the JTF-PO would hand over operations and then reset for a follow-on mission.

Performance Gains:

Reduction in deployment time from ~ 2 wks (under RFF procedures) to < 12 hrs  
C2 and intransit visibility earlier in deployment cycle  
Ability to conduct port operations in austere environments in a self-sustaining manner

Tier 2 Capability: Joint Deployment/Rapid Distribution

Primary Capability: Mobility requirements are supported across the range of military operations with DoD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets

Supporting Tier 2 Capabilities:

- Open theaters rapidly and distribute required forces and sustainment at the place and time required
- Exercise real-time, end-to-end control of the entire acquisition, deployment, distribution, and sustainment pipeline—from mobilization, deployment, employment, reconstitution, regeneration, redeployment, and demobilization, and across the entire logistics spectrum
- Prioritize, direct, redirect, synchronize, integrate, and coordinate common-user and cross-Service logistics materiel and functions under the combatant commander's control

## Milestones

Summer 05 Develop JTF-PO Construct (SDDC/AMC)  
Fall 05 Execute JTF-PO Pilot in EXER BRIGHT STAR 05

## Resource Requirements

(dollars in millions)

FY05	FY06	FY07	FY08	FY09	FY10	FY11
-	TBD	TBD	TBD	TBD	TBD	TBD



TRANSCOM

Joint Deployment/Rapid Distribution

# Single Transportation Requirements Capture, Shipping Notification, Booking, Billing and Sustainment Flow Optimization

## Initiative Description

SOEDE is a customer focused IT solution similar to the Defense Travel System (DTS). Where DTS captures and processes TDY requirements, SOEDE captures passenger and cargo requirements in a collaborative environment, provides the customer with cost options to meet the requirement, books the agreement, provides single up-front billing and a single tracking number for in-transit visibility. SOEDE provides the Distribution Process Owner (DPO) and War-fighter command and control and visibility of movement requirements entering the distribution pipeline. SOEDE uses leading edge web, intelligent agent, and database technology to link and extract information contained in current automated information source systems to provide accurate movement requirements and advance notice of cargo and passenger movement to all distribution nodes. SOEDE automates deployment and sustainment processes. SOEDE feeds the AT21 optimization process which provides a distribution flow schedule to legacy execution systems, such as IBS, WPS, GFM, and GATES.

## Expected Outcome

Single source requirements capture capability  
 Ability to optimize use of scarce lift assets to support War-fighter priorities, improved distribution throughput to the War-fighter's theater distribution system  
 Improved and proactive distribution movement options that support more aggressive War-fighter courses of action  
 Improved ability to manage movement of cargo and passengers through the distribution pipeline and ensure required manpower, materiel handling equipment and follow-on transportation is on hand or scheduled at en theater distribution nodes  
 Performance Gains: Significant cost avoidance through dynamic chartering of commercial aircraft;  
 Reduction of duplicate requisitions due to accurate distribution information and decrease of multiple re-order of requirements.  
 Improved container and movement asset management  
 Tier 2 Capability: Joint Deployment/Rapid Distribution  
 Primary Capability: Deployment and distribution processes and their enabling business practices and systems to share, integrate, and synchronize data and information as necessary, both vertically and horizontally, from the strategic to the tactical levels

Supporting Tier 2 Capabilities:

- Support mobility requirements across the range of military operations with DOD organic mobility forces in the right numbers and types, trained in joint logistics operations, supported by a robust infrastructure, and augmented as required by commercial assets
- Optimize rapid projection, delivery, and handoff of joint forces and sustainment assets worldwide
- Open theaters rapidly and distribute required forces and sustainment at the place and time required



## Milestones

Oct 05 Requirements Visibility & Shipment Notification  
 Mar 06 Single Booking & Single Tracking  
 May 06 Sustainment Optimization  
 Jul 06 Constrained Data Sharing Across DPO Environments  
 Dec 06 Initial Requirements Visibility Capability  
 Jul 07 Initial Shipment Notification Capability

## Resource Requirements

(dollars in millions)

FY05	FY06	FY07	FY08	FY09	FY10	FY11
-	-	-	-	-	-	-

# Theater Sustainment Command (TSC)

## Initiative Description

The Theater Sustainment Command (TSC) is a joint-capable command and control headquarters designed to plan, prepare, rapidly deploy, and execute operational logistics within the assigned JOA. It is regionally focused, but globally employable. It enables end to end distribution and provides materiel management for regionally assigned forces.

## Expected Outcome

The Theater Sustainment Command provides COCOMs and Joint Force Commanders the ability to plan, control and synchronize all support operations. It provides single logistics command and control (C2) in theater for deployment, employment, sustainment and redeployment simultaneously, in full spectrum operations. It provides end to end capability of supporting joint, interagency and multinational forces. It provides integrated participation of USTC, DLA, contractors and others.

Tier 2 Capability: Joint Theater Logistics  
 Primary Capability: Capability to prioritize, direct, redirect, synchronize, integrate, and coordinate common-user and cross-Service logistics materiel and functions under the combatant commander's control

Supporting Tier 2 Capabilities: - Capability for logistics systems to interoperate and provide visualization and decision support tools that the combatant commander and JTF commander can use to manage logistics assets and processes in the area of operations  
 - Capability for logisticians, intelligence analysts, and operators at the supporting and supported combatant commander or JTF level to collaborate fully with each other, with their counterparts at the Service component level, and with interagency and coalition partners

## Milestones

April 06 – September 07 – Activate 4 TSCs  
 October 05- September 08 – Activate 11 DCPs

## Resource Requirements

(dollars in millions)

FY05	FY06	FY07	FY08	FY09	FY10	FY11
-	-	-	-	-	-	-



Army

Joint Theater Logistics

# Joint (Experimental) Deployment & Support (Jx DS)

## Initiative Description

JxDS is a scalable joint and combined capability that serves to enhance the coordination, integration, and synchronization of logistics in order to produce an operational effect resulting in increased force employment opportunities and alternatives.

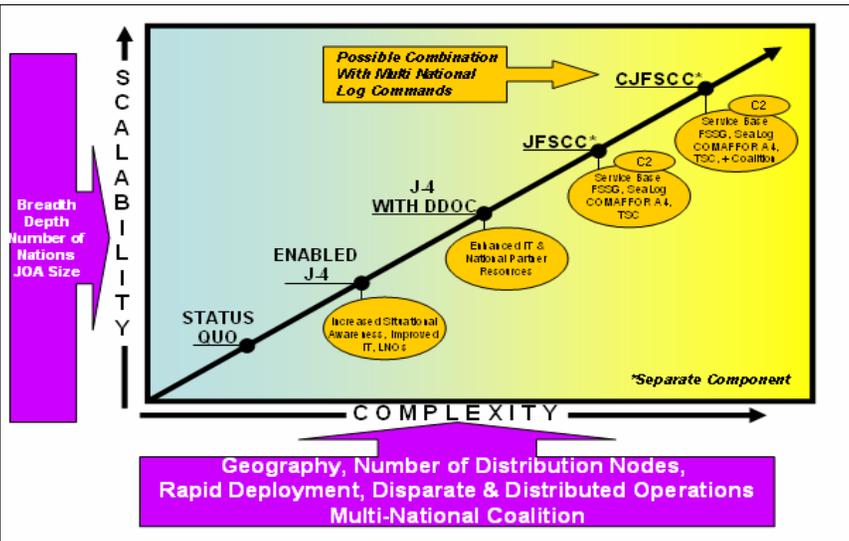
## Expected Outcome

JxDS enables effective use of logistics assets, increases responsiveness and agility by centralizing planning, visibility of requirements and resource allocation to meet Regional Component Commander (RCC) priorities. JxDS leverages the capability of the DDOC and its links to national partners, and provides a centralized point for coalition partners to identify and synchronize joint common support requirements.

JxDS will initially manifest itself in Korea where USFK requested JFCOM develop a JxDS implementation plan.

Tier 2 Capability: Joint Theater Logistics  
 Primary Capability: Integrated logistics command and control (C2) enabling the ability to prioritize, direct, redirect, synchronize, integrate, and coordinate common-user and cross-Service logistics materiel and functions under the combatant commander's control

Supporting Tier 2 Capabilities:  
 -Integrated and synchronized executive agent responsibilities, contractor logistics support and third/host nation support (AS)  
 -Share essential data and optimize logistics operations across and between all echelons, alliances, coalitions, and host nations (ML)



## Milestones

- Fall 2004 CONOPS Development
- Winter 2005 Experimentation
- Spring 2005 Wargame (UQ 05, RSOI 05)
- Summer 2005 CONOPS Refinement/Wargame (UFL 05)
- Fall 2005 Wargame (UC 05)
- Spring 2006 DOTMLPF

## Resource Requirements

(dollars in millions)

FY05	FY06	FY07	FY08	FY09	FY10	FY11
\$0.82	\$3.32	-	-	-	-	-

# Director of Mobility Forces-Surface (DM4-S)

## Initiative Description

A ready-to-deploy Director for Mobility Forces-Surface (DM4-S) and Surface Mobility Division (SMD) is a tailorable and scalable organizational C2 construct capable of planning, coordinating, tasking, and executing the surface (ground/sea) mobility mission for all common-user surface lift in a theater.

The DM4-S and SMD interface at the operational and tactical levels, and operate with joint connectivity and reach back to the Joint Deployment and Distribution Operations Center (JDDOC), the Regional COCOM, and National Partners. The SMD synchronizes intertheater surface movements with theater requirements and executes intratheater surface movements based on the JFC's priorities.

## Expected Outcome

A joint "plug" for the JDDOC on the Land Component Commander staff to plan, coordinate, and task deployment and distribution resources to meet RCC priorities. Doctrine already provides for an DM4-Air and Air Mobility Division (AMD) at the Air Component Commander.

A Surface Tasking Order (STO) coordinates all surface mobility movements, serving a similar function as the Air Tasking Order (ATO).

Performance Gains:

Cost avoidance through cross-leveling and centralized intermodal equipment management  
Increased Total Asset Visibility and Intransit Visibility

Tier 2 Capability: Joint Theater Logistics

Primary Capability: Integrated logistics command and control (C2) enabling the ability to prioritize, direct, redirect, synchronize, integrate, and coordinate common-user and cross-Service logistics materiel and functions under the combatant commander's control

Supporting Tier 2 Capabilities:

- Open theaters rapidly and distribute required forces and sustainment at the place and time required
- Sustaining organizations to meet routine and surge requirements
- Prioritize, direct, redirect, synchronize, integrate, and coordinate common-user and cross-Service logistics materiel and functions under the combatant commander's control

## Milestones

- May 05 Finalize construct and resourcing strategy
- Mar 06 Exercise capability in EXER RSOI 06



## Resource Requirements

(dollars in millions)

FY05	FY06	FY07	FY08	FY09	FY10	FY11
TBD						

# Joint Deployment and Distribution Operations Center (JDDOC)

## Initiative Description

JDDOC is a tailorable and scalable organizational C2 construct, consisting of people, processes and systems, that enhances a Regional COCOM's ability to exercise directive authority for logistics regarding deployment and distribution.

JDDOC provides the capability to execute COCOM priorities, enhance TAV and ITV, manage theater distribution architecture, synchronize inter- and intra-theater distribution, develop distribution performance measures and perform intermodal equipment management responsibilities.

Each Regional COCOM will establish an enduring core JDDOC capability to be augmented by National Partners during crisis actions or wartime.

## Expected Outcome

Synchronization, visibility, and prioritization of COCOM movement requirements  
Holistic management of distribution throughput capacity

Performance Gains:

Cost avoidance through modal determination, cross-leveling, and centralized intermodal equipment management

Increased Total Asset Visibility and Intransit Visibility

Tier 2 Capability: Joint Theater Logistics

Primary Capability: Integrated logistics command and control (C2) enabling the ability to prioritize, direct, redirect, synchronize, integrate, and coordinate common-user and cross-Service logistics materiel and functions under the combatant commander's control

Supporting Tier 2 Capabilities:

- Open theaters rapidly and distribute required forces and sustainment at the place and time required
- Sustaining organizations to meet routine and surge requirements
- Prioritize, direct, redirect, synchronize, integrate, and coordinate common-user and cross-Service logistics materiel and functions under the combatant commander's control

## Milestones

RCC's DDOC capability IOC - May 05  
RCC's DDCC capability FOC - May 07



## Resource Requirements

(dollars in millions)

FY05	FY06	FY07	FY08	FY09	FY10	FY11
-	-	-	-	-	-	-

# Joint Engineer Planning and Execution System -Version 7 (JEPES 7)

## Initiative Description

JEPES 7 is an engineer planning and execution tool that operates within the GCSS environment. It provides the warfighter and individual Joint Force Commander with the capability to plan and execute joint engineer operations. It brings together warfighter and engineer force structure data to allow engineer planners the ability to plan and analyze force facility and infrastructure requirements based on proposed warfighter courses of actions (COA), and based on those COAs, enables the tailoring of engineer combat support and combat service support forces to minimize strategic lift requirements. The system also provides the ability to monitor and reassessment plan execution for optimal theater engineer operations.

## Expected Outcome

JEPES 7 provides COCOMs and Joint Force Commanders with improved engineer response through a suite of advanced planning and execution tools. It provides the capability to plan engineer forces tailored to meet the commander's specific needs and objectives, while reducing deployment time, and strategic lift requirements. It allows for tailoring of engineer combat support and combat service support forces, thus minimizing strategic lift requirements and theater footprint. It enables the monitoring of plan execution through a net centric environment providing real-time status of ongoing engineer operations. This allows for rapid plan reassessment and adjustment as necessary to ensure that facility and infrastructure support is optimized to meet Joint Force operational requirements.

Tier 2 Capability:           Operational Engineering  
 Primary Capability:       Provide effective, efficient and responsive engineer force

Supporting Tier 2 Capabilities:     - Perform rapid engineer assessments, contingency planning & execution management  
   - Tailor engineer combat support and combat service support forces to reduce strategic lift requirements  
   - Rapidly determine expeditionary facility and infrastructure requirements and other engineer support for all phases of a contingency operation

## Milestones

Jan-Jun 05 Planning tool capability prototype development complete  
 Feb-Jun 05 JEPES 7 net centric environment requirements document complete  
 Apr-Aug 05 Proto-typing and operational testing of planning tool  
 Oct 05     JEPES 7 planning tool fielded  
 Oct 06     JEPES 7 net centric environment complete  
               - Enables JEPES 7 execution tool development  
 Oct 07     JEPES 7 execution tool fielded

## Resource Requirements

(dollars in millions)

FY05	FY06	FY07	FY08	FY09	FY10	FY11
\$1.50	\$1.50	\$1.75	-	-	-	-