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**Department of Defense
Fiscal Year (FY) 2015 Budget Estimates**

March 2014



Defense Logistics Agency

Defense Wide Justification Book Volume 5 of 5

Research, Development, Test & Evaluation, Defense-Wide

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Defense Logistics Agency • Budget Estimates FY 2015 • RDT&E Program

Table of Volumes

Defense Advanced Research Projects Agency.....	Volume 1
Missile Defense Agency.....	Volume 2
Office of the Secretary of Defense.....	Volume 3
Chemical and Biological Defense Programs.....	Volume 4
Defense Contract Management Agency.....	Volume 5
Defense Human Resources Activity.....	Volume 5
Defense Information Systems Agency.....	Volume 5
Defense Logistics Agency.....	Volume 5
Defense Security Cooperation Agency.....	Volume 5
Defense Security Service.....	Volume 5
Defense Technical Information Center.....	Volume 5
Defense Threat Reduction Agency.....	Volume 5
The Joint Staff.....	Volume 5
U.S. Special Operations Command.....	Volume 5
Washington Headquarters Service.....	Volume 5
Operational Test and Evaluation.....	Volume 5

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Defense Logistics Agency • Budget Estimates FY 2015 • RDT&E Program

Defense Geospatial Intelligence Agency..... (see NIP and MIP Justification Books)

Defense Intelligence Agency..... (see NIP and MIP Justification Books)

National Security Agency.....(see NIP and MIP Justification Books)

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Defense Logistics Agency • Budget Estimates FY 2015 • RDT&E Program

Volume 5 Table of Contents

Comptroller Exhibit R-1..... Volume 5 - v

Program Element Table of Contents (by Budget Activity then Line Item Number).....Volume 5 - vii

Program Element Table of Contents (Alphabetically by Program Element Title).....Volume 5 - ix

Acronyms..... Volume 5 - xi

Exhibit R-2's..... Volume 5 - 1

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Defense Logistics Agency
FY 2015 President's Budget
Exhibit R-1 FY 2015 President's Budget
Total Obligational Authority
(Dollars in Thousands)

27 Feb 2014

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2013 (Base & OCO)	FY 2014 Base Enacted	FY 2014 OCO Enacted	FY 2014 Total Enacted	FY 2015 Base	S e c
38	0603264S	Agile Transportation for the 21st Century (AT21) - Theater Capability	03	3,489	3,865		3,865	2,544	U
54	0603712S	Generic Logistics R&D Technology Demonstrations	03	23,130	18,000		18,000	16,836	U
55	0603713S	Deployment and Distribution Enterprise Technology	03	27,985	30,256		30,256	29,683	U
57	0603720S	Microelectronics Technology Development and Support	03	56,637	82,700		82,700	72,144	U
		Advanced Technology Development		111,241	134,821		134,821	121,207	
126	0605070S	DOD Enterprise Systems Development and Demonstration	05	100,056	25,217		25,217	15,326	U
128	0605080S	Defense Agency Initiatives (DAI) - Financial System	05		46,489		46,489	41,465	U
129	0605090S	Defense Retired and Annuitant Pay System (DRAS)	05					10,135	U
		System Development And Demonstration		100,056	71,706		71,706	66,926	
157	0605502S	Small Business Innovative Research	06	2,407					U
		Management Support		2,407					
239	0708011S	Industrial Preparedness	07	24,191	22,291		22,291	22,366	U
240	0708012S	Logistics Support Activities	07	4,328	4,659		4,659	1,574	U
		Operational System Development		28,519	26,950		26,950	23,940	
		Total Defense Logistics Agency		242,223	233,477		233,477	212,073	

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Defense Logistics Agency • Budget Estimates FY 2015 • RDT&E Program

Program Element Table of Contents (by Budget Activity then Line Item Number)

Budget Activity 03: Advanced Technology Development (ATD)
Appropriation 0400: Research, Development, Test & Evaluation, Defense-Wide

Line Item	Budget Activity	Program Element Number	Program Element Title	Page
38	03	0603264S	Agile Transportation for the 21st Century (AT21) Theater Capability.....	Volume 5 - 1
54	03	0603712S	Logistics Research and Development Technology (Log R&D).....	Volume 5 - 5
55	03	0603713S	Deployment and Distribution Enterprise Technology.....	Volume 5 - 23
57	03	0603720S	Microelectronics Technology Development and Support (DMEA).....	Volume 5 - 41

Budget Activity 05: System Development & Demonstration (SDD)
Appropriation 0400: Research, Development, Test & Evaluation, Defense-Wide

Line Item	Budget Activity	Program Element Number	Program Element Title	Page
126	05	0605070S	DoD Enterprise Systems Development and Demonstration.....	Volume 5 - 49
128	05	0605080S	Defense Agency Initiatives (DAI) - Financial System.....	Volume 5 - 79
129	05	0605090S	Defense Retired and Annuitant Pay System 2 (DRAS).....	Volume 5 - 91

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UNCLASSIFIED

Defense Logistics Agency • Budget Estimates FY 2015 • RDT&E Program

Budget Activity 06: RDT&E Management Support

Appropriation 0400: Research, Development, Test & Evaluation, Defense-Wide

Line Item	Budget Activity	Program Element Number	Program Element Title	Page
157	06	0605502S	Small Business Innovative Research (SBIR).....	Volume 5 - 95

Budget Activity 07: Operational Systems Development

Appropriation 0400: Research, Development, Test & Evaluation, Defense-Wide

Line Item	Budget Activity	Program Element Number	Program Element Title	Page
239	07	0708011S	Industrial Preparedness Manufacturing Technology (IP ManTech).....	Volume 5 - 99
240	07	0708012S	Logistics Support Activities (LSA).....	Volume 5 - 113

UNCLASSIFIED

UNCLASSIFIED

Defense Logistics Agency • Budget Estimates FY 2015 • RDT&E Program

Program Element Table of Contents (Alphabetically by Program Element Title)

Program Element Title	Program Element Number	Line Item	Budget Activity	Page
Agile Transportation for the 21st Century (AT21) Theater Capability	0603264S	38	03.....	Volume 5 - 1
Defense Agency Initiatives (DAI) - Financial System	0605080S	128	05.....	Volume 5 - 79
Defense Retired and Annuitant Pay System 2 (DRAS)	0605090S	129	05.....	Volume 5 - 91
Deployment and Distribution Enterprise Technology	0603713S	55	03.....	Volume 5 - 23
DoD Enterprise Systems Development and Demonstration	0605070S	126	05.....	Volume 5 - 49
Industrial Preparedness Manufacturing Technology (IP ManTech)	0708011S	239	07.....	Volume 5 - 99
Logistics Research and Development Technology (Log R&D)	0603712S	54	03.....	Volume 5 - 5
Logistics Support Activities (LSA)	0708012S	240	07.....	Volume 5 - 113
Microelectronics Technology Development and Support (DMEA)	0603720S	57	03.....	Volume 5 - 41
Small Business Innovative Research (SBIR)	0605502S	157	06.....	Volume 5 - 95

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ACRONYM LISTING

USMIRS- USMEPCOM INTEGRATED RESOURCE MANAGEMENT SYSTEM
2D - TWO DIMENSIONAL
3D - THREE DIMENSIONAL
AC - ADVANCED CONCEPT
ACAT- ACQUISITION CATEGORY
ACOI- ACCESSIONS COMMUNITY OF INTEREST
ACOS- AUTONOMOUS TECHNOLOGIES FOR UNMANNED AIR SYSTEMS
ACTD - ADVANCED CONCEPT TECHNOLOGY DEMONSTRATION
ADMITT - ADVANCED DOMESTIC MASK INSPECTION TOOLS AND TECHNOLOGY
ADS - ATLANTIC DIVING SUPPLY
AED - ALTERNATE ENERGY DEVELOPMENT
AESA- ACTIVE ELECTRONIC SCANNED ARRAY
AFE - ALTERNATIVE FUEL ENGINE
AFIT - AIR FORCE INSTITUTE OF TECHNOLOGY
AFRL - AIR FORCE RESEARCH LAB
AIDC - AUTOMATED INFORMATION AND DATA COLLECTION
AIN - ALUMINUM NITRADE
AIT- AUTOMATED IDENTIFICATION TECHNOLOGY
ALD - ATOMIC LAYER DEPOSITION
ALEA – AIRBORNE LAW ENFORCEMENT ASSOCIATION
AMCOM - ARMY MATERIAL COMMAND
AMRAMM- ADVANCED MEDIUM RANGE AIR TO AIR MISSILE
AMS - AEROSPACE MATERIAL SPECIFICATION
ARC-AUTOMATED RECORDS CHECK
ARMS - ADVANCED RECONFIGURABLE MANUFACTURING OF SEMICONDUCTORS
AS- ACQUISITION STRATEGY
ASIC - APPLICATION SPECIFIC INTEGRATED CIRCUIT
AT21 - AGILE TRANSPORTATION FOR THE 21ST CENTURY
ATD – ADVANCED TECHNOLOGY DEVELOPMENT
ATSP3 - ADVANCED TECHNOLOGY SUPPORT PROGRAM III
ATUAS – AUTONOMOUS TECHNOLOGIES FOR UNMANNED AIR SYSTEMS
AV - ASSET VISIBILITY
AWACS - AIRBORNE WARNING AND CONTROL STATION
BAA - BROAD AGENCY ANNOUNCEMENT
BAE-BRITISH AEROSPACE SYSTEMS
BATNET - BATTERY NETWORK
BCA – BUSINESS CASE ANALYSIS
BEA- BUSINESS ENTERPRISE ARCHITECTURE
BEIS- BUSINESS ENTERPRISE INFORMATION SYSTEM
BLI – BUDGET LINE ITEM
BLT- BOND LINE THICKNESS
BSCM - BEAM STEERING CONTROL MODULE
BST - BARIUM STRONTIUM TITANATE
BTA – BUSINESS TRANSFORMATION AGENCY
C - CENTIGRADE
C&T - CLOTHING AND TEXTILES
C2 - COMMAND AND CONTROL
CA – COOPERATIVE AGREEMENT
CACI-CALIFORNIA ANALYSIS CENTER, INC
CAD- COMPUTER AIDED DESIGN
CAF- CENTRAL ADJUDICATION FACILITY
CAGE - COMMERCIAL AND GOVERNMENT ENTITY CODE
CANDID- COMPUTER ADAPTIVE NETWORK DEFENSE IN DEPTH
CBCT - COOPER BASED CASTING TECHNOLOGY APPLICATIONS
CCS - CARBON CAPTURE AND SEQUESTRATION
CDCIE - CROSS DOMAIN COLLABORATIVE INFO ENVIRONMENT
CDR – CRITICAL DESIGN REVIEW
CDUM - CUSTOMER DRIVEN UNIFORM MANUFACTURING
CG(X) - NEXT GENERATION CRUISER
CIE - CLOTHING AND INDIVIDUAL EQUIPMENT
CIF - CENTRAL ISSUE FACILITY
CIW - COLLABORATIVE INFO WORKSPACE
CMOS - COMPLEMENTARY METAL OXIDE SEMICONDUCTORS
CMS - COALITION MOBILITY SYSTEM

CMS - CONGRESSIONALLY MANDATED STUDY
 COCOM- COMBATANT COMMAND
 COEX - COMMUNITY OF EXCHANGE
 CONOPS - CONCEPT OF OPERATIONS
 CONUS - CONTINENTAL UNITED STATES
 COP - COMMON OPERATIONAL PICTURE
 CORANET - COMBAT RATIONS NETWORK FOR TECHNOLOGY IMPLEMENTATION
 COS - COMMERCIAL OFF THE SHELF
 COTS- COMMERCIAL OFF THE SHELF
 CMIS - COUNTER-NARCOTICS MANAGEMENT INFORMATION SYSTEMS
 CMS – CONGRESSIONALLY MANDATED STUDIES
 CPFF - COST PLUS FIXED-FREE
 CPOF - COMMAND POST OF THE FUTURE
 CRADA - COOPERATIVE RESEARCH AND DEVELOPMENT AGREEMENT
 CSL - CATALST SUPPORT LAYER
 CWB - COLD WEATHER BIODIESEL
 D2 - DEPLOYMENT AND DISTRIBUTION
 DAI – DEFENSE AGENCIES INITIATIVE
 DARPA – DEFENSE ADVANCED RESEARCH PROJECTS AGENCY
 DBASE - DEFENSE BUSINESS SYSTEMS ACQUISITION STAFF
 DC - DIRECT CURRENT
 DCAS – DEFENSE CASH ACCOUNTABILITY
 DCCM – DEFENSE CONTINUITY & CRISIS MANAGEMENT
 DCD/DCW- DFAS CORPORATE DATABASE/DFAS CORPORATE WAREHOUSE
 DCSC - DEFENSE SUPPLY CENTER COLUMBUS
 DCSP - DEFENSE SUPPLY CENTER PHILADELPHIA
 DCSR - DEFENSE SUPPLY CENTER RICHMOND
 DDOC - DEPLOYMENT DISTRIBUTION OPERATIONS CENTER
 DDR&E - DIRECTOR, DEFENSE RESEARCH & ENGINEERING
 DDXX - DEPLOYABLE DISTRIBUTION CENTER
 DEBS - DEFENSE BUSINESS ENTERPRISE SYSTEMS
 DESC - DEFENSE ENERGY SUPPORT CENTER
 DFAR- DEFENSE FINANCIAL MANAGEMENT REGULATION
 DFAS- DEFENSE FINANCE AND ACCOUNTING SERVICES
 DHS - DEPARTMENT OF HOMELAND SECURITY
 DISA- DEFENSE INFORMATION SYSTEMS AGENCY
 DISS- DEFENSE INFORMATION SYSTEM FOR SECURITY
 DLA - DEFENSE LOGISTICS AGENCY
 DLIR - DEFENSE LOGISTICS INFORMATION RESEARCH
 DLIS - DEFENSE LOGISTICS INFORMATION SERVICE
 DMA – DEFENSE MEDIA ACTIVITY
 DMDC- DEFENSE MANPOWER DATA CENTER
 DMEA - DEFENSE MICROELECTRONICS ACTIVITY
 DMFC - DIRECT METHANOL FUEL CELL
 DMLSS-W - DEFENSE MEDICAL LOGISTICS STANDARD SUPPORT BLANKET PURCHASE AGREEMENT
 DMLT - DEFENSE MEDICAL LOGISTICS TRANSFORMATION
 DMSMS - DIMINISHING MANUFACTURING SOURCE AND MATERIAL SHORTAGE
 DoD - DEPARTMENT OF DEFENSE
 DOD EMALL- DEPARTMENT OF DEFENSE ELECTRONIC MALL
 DOE - DESIGN OF EXPERIMENT
 DOJ – DEPARTMENT OF JUSTICE
 DOORA- DLA OFFICE OF OPERATIONS RESEARCH AND RESOURCE ANALYSIS
 DOP - DISTRIBUTION PROCESS OWNER
 DORRA - DEFENSE LOGISTICS AGENCY OFFICE OF OPERATIONS RESEARCH AND RESOURCE ANALYSIS
 DOTLMS PF- DOCTRINE ORGANIZATION TRAINING LEADERSHIP AND EDUCATION
 DP - DYNAMIC PARTNERING
 DPNM - DISTRIBUTION PROCESS NODAL MODEL
 DPO- DISTRIBUTION PROCESS OWNER
 DPSRC-DEFENSE PERSONNEL SECURITY RESEARCH CENTER
 DR - DISASTER RELIEF
 DRAS- DEFENSE RETIRED AND ANNUITANT PAY SYSTEM
 DRMS - DEFENSE REUTILIZATION AND MARKETING SERVICE
 DSS – DEFENSE SECURITY SERVICES
 DTMO- DEFENSE TRAVEL MANAGEMENT OFFICE
 DTS- DEFENSE TRAVEL SYSTEM
 DUSD - DEPUTY UNDER SECRETARY OF DEFENSE
 DVD- DIRECT VENDOR DELIVERY
 EA- ECONOMIC ASSUMPTIONS
 EA - EXECUTIVE AGENT
 EBI – ENTERPRISE BUSINESS INTELLIGENCE

EBS- ENTERPRISE BUSINESS SOLUTIONN
 EDA- ELECTRONIC DOCUMENT ACCESS
 EDW- ENTERPRISE DATA WAREHOUSE
 EFD – ENTERPRISE FUNDS DISTRIBUTION
 EFT- ELECTRONIC FUNDS TRANSFER
 EMAIL - ELECTRONIC MALL
 EMFST- ELECTRONICS AND MATERIALS FOR FLEXIBLE SENSORS AND TRANSPORTATION
 EML - EXPEDITIONARY MEDICAL LOGISTICS
 EO - ELECTRO-OPTIC
 EPA - ENERGY POLICY ACT
 ERP - ENERGY READINESS PROGRAM
 ESA - ENGINEERING SUPPORT ACTIVITES
 EUVL - EXTREME ULTRAVIOLET LITHOGRAPHY
 FAD – FUNDING AUTHORIZATION DOCUMENT
 FAME - FATTY ACID METHYL ESTER
 FBAR - FILM BULK ACOUSTIC RESONATOR
 FC - FUEL CELL
 FCC - FAME CROSS CONTAMINATION
 FDA - FOOD AND DRUG ADMINISTRATION
 FDTPI- FIRST DESTINATION TRANSPORTATION 7 PACKAGING INITIATIVE
 FFMIA - FEDERAL FINANCIAL MANAGEMENT IMPROVEMENT ACT
 FFRDC- Federally Funded Research and Development Center
 FIB - FOCUSED ION BEAM
 FISCAM – FEDERAL INFORMATION SYSTEM CONTROL AUDIT MANUAL
 FLIS - FEDERAL LOGISTICS INFORMATION SYSTEM
 FMS - FOREIGN MILITARY SALES
 FOB - FORWARD OPERATING BASE
 FOC- FULL OPERATING CAPABILITY
 FOS- FAMILY OF SYSTEMS
 FPS- FINANCIAL PARTNER SYSTEM
 FSG - FEDERATED SOFTWARE GROUP
 FTE - FULL TIME EQUIVALENT
 FWBT- FUNDS BALANCE WITH TREASURY
 FYDP- FUTURE YEAR DEVELOPMENT PLAN
 GA - GAP ANALYSIS
 GaAs - GALLIUM ARSENIDE
 GaN - GALLIUM NITRIDE
 GAO – GOVERNMENT ACCOUNTABILITY OFFICE
 GCCs- GEOGRAPHIC COMBATANT COMMANDERS
 GDE - GAS DIFFUSION ELECTRODE
 GFP - GOVERNMENT FURNISHED PROPERTY
 GIDEP - GOVERNMENT INDUSTRY DATA EXCHANGE PROGRAM
 GIS - GEOGRAPHIC INFORMATION SYSTEM
 GITI - GLOBAL INFOTEK, INCORPORATED
 GPS - GOLBAL POSITIONING SYSTEM
 GSA- GENERAL SERVICES ADMINISTRATION
 GSG- GOVERNMENT STEERING GROUP
 GTAS – GOVERNMENT TREASURY ACCOUNT ADJUSTED TRIAL BALANCE
 HA - HUMANITARIAN ASSISTANCE
 HA/DR – HUMANITARIAN ASSISTANCE AND DISASTER RELIEF
 HAVE- HUMANITARIAN ASSISTANCE/DISASTER REIF ASSET VISIBILITY EXPERIMNT
 HPA - HIGH POWER AMPLIFIER
 HRM- HUMAN RESOURCE MANAGEMENT
 HSCDS- HIGH SPEED CONTAINER DELIVERY SYSTEM
 HSIO- HIGH SPEED ION OPTICS
 IACP – INTERNATIONAL ASSOCIATION OF CHIEFS OF POLICE
 IBEX2- INDUSTRIAL BASE EXTENSION AND EXECUTION
 IBM-INTERNATIONAL BUSINESS MACHINES
 IC - INTEGRATED CIRCUITS
 IC - INTEGRATED CIRCUITS
 ICU-FST - IMPROVED COLLAPSIBLE URETHANE FUEL STORAGE TANKS
 IDIQ - INDEFINITE DELIVERY INDEFINITE QUANTITY
 IGT- INTER GOVERNMENTAL TRANSFER
 InAlN - IDIUM ALUMINUM NITRIDE
 InGaN - INDIUM GALLIUM NITRIDE
 I/NGO – INTERNATIONAL/NON-GOVERNMENTAL ORGANIZATIONS
 IP - INDUSTRIAL POLICY
 IP- INTELLECTUAL PROPERTY
 IP Man Tech - INDUSTRIAL PREPAREDNESS MANUFACTURING TECHNOLOGY
 IPI- INFRASTRUCTURE AND PROCESS IMPROVEMENT

IPO- IVENTORY POLICY OPTIMIZATION
 IPV- PRODUCT SUPPORT VENDORMBE
 IR - INFARED
 ISO - INTERNATIONAL ORGANIZATION FOR STANDARDIZATION
 IT - INFORMATION TECHNOLOGY
 ITV - IN TRANSIT VISIBILITY
 IUID- ITEM UNIQUE IDENTIFIER
 JAIT - JOINT AUTOMATIC IDENTIFICATION TECHNOLOGY
 JCIDS - JOINT CAPABILITY INTEGRATED DEVELOPMENT SYSTEM
 JCTD - JOINT CAPABILITY TECHNOLOGY DEMONSTRATION
 JDDE - JOINT DEPLOYMENT AND DISTRIBUTION ENTERPRISE
 JDMTP - JOINT DEFENSE MANUFACTURING TECHNOLOGY PANEL
 JFAST – JOINT FOW ANALYSIS SYSTEM FOR TRANSPORTATION
 JFCOM - JOINT FORCES COMMAND
 JITC- JOINT INTEROPERABILITY TEST COMMAND
 JMIDS - JOINT MODULAR INTERMODAL DISTRIBUTION SYSTEM
 JMLFDC – JOINT MEDICAL LOGISTICS FUNCTIONAL DEVELOPMENT CENTER
 JP-8 - JET PROPULSION FUEL
 JPADS - JOINT PRECISION AIR DROP
 JPAS- JOINT PERSONNEL ADJUDICATION SYSTEM
 JRADS - JOINT RECOVERY AND DISTRIBUTION SYSTEM
 JTRS - JOINT TACTICAL RADIO SYSTEM
 JVS- JOINT VERIFICATION SYSTEM
 KIFC - KANSAS INTELLIGENCE FUSION CENTER
 KPP - KEY PERFORMANCE PARAMETERS
 L&MR - LOGISTICS & MATERIAL READINESS
 LAV - LIGHT ARMORED VEHICLE
 LEAs – LAW ENFORCEMENT AGENCIES
 LEEDS - LAW ENFORCEMENT EQUIPMENT DATABASE SYSTEM
 LESO – LAW ENFORCEMENT SUPPORT OFFICE
 LIA - LOGISTICS INFO AGENCY
 LIRC - LOGISTICS INFORMATION REVIEW CONCEPT
 LIRC- LOGISTICS INFORMATION REVIEW CONCEPT
 LMI - LOGISTICS MANAGEMENT INSTITUTE
 LOGR&D – LOGISTICS RESEARCH AND DEVELOPMENT TECHNOLOGY
 LRIP - LOW RATE INITIAL PRODUCTION
 LSA – LOGISTICS SUPPORT ACTIVITIES
 LUT- LIMITED USER TESTING
 MAE - MATERIAL ACQUISITION ELECTRONICS
 MAIS- MAJOR AUTOMATED INFORMATION SYSTEM
 MATS – MICROWAVE ASSISTED THERMAL STERILIZATION
 MATTS - MARINE ASSET TAGGING AND TRACKING SYSTEM
 MBE - MOLECULAR BEAM EPITAXY
 MBE- MODEL BASE ENTERPRISE
 MCCD - MARINE CORPS COMBAT DEVELOPMENT COMMAND
 MCM - MULTI CHIP MODULES
 MEA - MEMBRANE ELECTRODE ASSEMBLY
 MEMS - MICRO ELECTRO MECHANICAL SYSTEM
 MEP- MANUFACTURING TECHNOLOGY EXTENSION PARTNERSHIP
 MEPS- MILITARY ENTRANCE PROCESSING STATION
 MILSPEC - MILITARY SPECIFICATION
 MLG - MAIN LANDING GEAR
 MLL - MASK LESS LITHOGRAPHY
 MLN - MEDICAL LOGISTICS NETWORK
 mm - MILLIMETER
 MMIC - MONOLITHIC MICROWAVE INTEGRATED CIRCUITS
 MMPDS - METALLIC MATERIALS PROPERTIES DEVELOPMENT AND STANDARDIZATION
 MOA- MEMORANDUM OF AGREEMENT
 MOCVD - METAL ORGANIC CHEMICAL VAPOR DEPOSITION
 MOSA- MODULAR OPEN SYSTEM ARCHITECTURE
 MPO - METAL PROCESS OPTIMIZATION
 MRAM - MAGNETIC RANDOM ACCESS MEMORY
 MRE - MEALS READY TO EAT
 MRL - MANUFACTURING READINESS LEAVELS
 MRV- MOVEMENT REQUIREMENTS VISIBILITY
 MTBF - MEAN TIME BETWEEN FAILURE
 NAVSEA - NAVAL SEA SYSTEMS COMMAND
 NCSU- NORTH CAROLINA STATE UNIVERSITY
 NDAA - NATIONAL DEFENSE AUTHORIZATION ACT
 NDSU- NORTH DAKOTA STATE UNIVERSITY

NDWC – NATIONAL DISASTER WARNING CENTER
 NFTD - NATIONAL FORGING TOOLING DATABASE
 NII - NETCENTRIC INFRASTRUCTURE AND IMPLEMENTATION
 NIL - NANO IMPRINT LITHOGRAPHY
 NIST- NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
 NLG - NOSE LANDING GEAR
 nm - NANOMETER
 NoMaDD - NODE MANAGEMENT AND DEPLOYABLE DEPOT
 NOR- NEGATIVE OPERATING RESULTS
 NRL - NAVAL RESEARCH LAB
 NRO-NATIONAL RECONNAISSANCE OFFICE
 NSA - NATIONAL SECURITY AGENCY
 NSN - NATIONAL STOCK NUMBER
 NTOA – NATIONAL TACTICAL OFFICERS ASSOCIATION
 O&M - OPERATION AND MAINTENANCE
 OCA - OTHER CONGRESSIONAL ADDS
 OCO - OVERSEAS CONTINGENCY OPERATIONS
 ODUSD - OFFICE OF THE DEPUTY UNDERSECRETARY OF DEFENSE
 OEO – OFFICE OF ECONOMIC ADJUSTMENT
 ONR - OFFICE OF NAVAL RESEARCH
 OPNAV - OPEARTIONAL NAVY (OFFICE OF THE CHIEF OF NAVAL OPERATIONS)
 ORTA - OFFICE OF RESEARCH AND TECHNOLOGY APPLICATIONS
 OUSD(AT&L) – OFFICE OF THE UNDER SECRETARY OF DEFENSE (ACQUISITION, TECHNOLOGY, AND LOGISTICS)
 PACOM - PACIFIC COMMAND
 PAO - PUBILC AFFAIRS OFFICER
 PBAS-FD DW – PBAS-FUNDS DISTRIBUTION DEFENSE WIDE
 PDC – PACIFIC DIASTER CENTER
 PDIT - PRODUCT DATA INTEGRATION TECHNOLOGIES
 PDK - PORTABLE DEPLOYMENT KIT
 PDR- PRELIMANARY DESIGN REVIEW
 PDW - PROCUREMENT, DEFENSE WIDE
 PKI- PUBLIC KEY INFRASTRUCTURE
 PLT- PRODUCTION LEAD TIME
 PM - PROGRAM MANAGER
 PM/DS- PART MANAGEMENT/DATA SHARING
 PMO - PROGRAM MANAGEMENT OFFICE
 PPI - PLANNED POSITION INDICATION
 PQDR- PRODUCT QUALITY DEFICIENCY REPORT
 PR- PURCHASE REQUEST
 PR- PURCHASE REQUEST
 PrCB - PRINTED CIRCUIT BOARD
 PROACT - PROCUREMENT READINESS OPTIMIZATION-ADVANCED CASTING TECHNOLOGY
 PROFAST - PROCUREMENT READINESS OPTIMIZATION-FORGING ADVANCE SYSTEM TECHNOLOGY
 Pt - PLATINUM
 PTC- PRODUCT TEST CENTER
 PV - PRIME VENDOR
 QN - QUALITY NOTICE
 R&D - RESEARCH AND DEVELOPMENT
 R2Q - RP2 QUALIFICATION (ROCKET KEROSENE)
 R3 - REUTILIZATION RISK REDUCTION
 R12 - RELEASE 12
 RDCIC - REGIONAL DEFENSE COMMAND INTEGRATION CENTER
 RDT&E - RESEARCH, DEVELOPMENT, TEST & EVALUTATION
 RF - RADIO FREQUENCY
 RFID - RADIO FREQUENCY IDENTIFICATION DEVICE
 RICE - REPORTS INTERFACE CONVERSION EXTENTIONS
 RICEW – REPORTS, INTERFACES, CONVERSIONS, EXTENTIONS AND WORKFLOWS
 RM - REFORMED METHANOL
 ROI - RETURN ON INVESTMENT
 SAM – SYSTEM FOR AWARD MANAGEMENT
 SAPCO - SPECIAL ACCESS PROGRAMS COORDINATION OFFICE
 SAR - SYNTHETIC APERTURE RADAR
 SAW - SURFACE ACOUSTIC WAVE
 SBIR - SMALL BUSINESS INNOVATIVE RESEARCH
 SCM - SUPPY CHAIN MANAGEMENT
 SDD – SYSTEM DEVELOPMENT & DEMONSTRATION
 SDR - STRATEGIC DISTRIBUTION & REUTILIZATION
 SDR - SUPPLY DISCREPANCY REPORT
 SDVOSB - SERVICE DISABLED VETERAN OWNED BUSINESS
 SFIS- STANDARD FINANCIAL INFORMATION STRUCTURE

SHS - SELF PROPAGATING HIGH TEMPERATURE SYNTHESIS
 SiC - SILICON CARBIDE
 SLPC - SINGLE LOAD PLANNING CAPABILITY
 SME - SUBJECT MATTER EXPERT
 SMS- SINGLE MOBILITY SYSTEM
 SMP – STRATEGIC MANAGEMENT PLAN
 SPP – STATE PARTNERSHIP PROGRAM
 SPRs- SOFTWARE PROBLEM REPORTs
 SPX- STOCK PLANNING SYSTEM
 SRD - SYSTEM REQUIREMENTS DOCUMENT
 SSC- SERVICE SUPPORT CONTRACT
 SSO - SINGLE SIGN ON
 STO - STOCK TRANSPORT ORDER
 STP - SHORT TERM PROJECT
 SWNT - SINGLE WALLED CARBON NANOTUBE
 T/R - TRANSMIT/RECEIVE
 TAG - THE ADJUGENT GENERAL
 TARDEC - THE UNITED STATES ARMY TANK AUTOMOTIVE RESEARCH, DEVELOPMENT AND ENGINEERING CENTER
 TAV - TOTAL ASSET VISIBILITY
 TDP - TECHNICAL DATA PACKAGE
 TEES (TAMU) - TEXAS ENGINEERING EXPERIMENT STATIONS (TEXAS A&M UNIVERSITY)
 TENTNET - TENT NETWORK FOR TECHNOLOGY IMPLEMENTATION
 TFBSO - TASK FORCE TO IMPROVE BUSINESS AND STABILITY OPERATIONS
 TMS- TRANSPORTATION MANAGEMENT SYSTEM
 TPFDD – TIME-PHASED FORCE DEPLOYMENT DATA
 TQ - TECHNICAL QUALITY
 TRL - TECHNOLOGY READINESS LEVEL
 TSA - THERMAL STABILITY ADDITIVES
 TTN - TRANSPORTATION TRACKING NUMBER
 TWMS - TIMEWISE MANAGEMENT SYSTEMS
 TWT - TRAVELING WAVE TUBES
 UAV - UNMANNED AERIAL VEHICLE
 UH – UNIVERSITY OF HAWAII
 UGR- UNITIZED GROUP RATIONS
 um - MICRO MILLIMETER
 URG - UNITIZED GROUP RATIONS
 US - UNITED STATES
 USA TACOM – UNITED STATES ARMY TACTICAL COMMAND
 USDA - UNITED STATES DEPARTMENT OF AGRICULTURE
 USD(P) – UNDER SECRETARY OF DEFENSE (POLICY)
 USMC - UNITED STATES MARINE CORPS
 USMEPCOM- UNITED STATES MILITARY ENTRANCE PROCESSING COMMAND
 USMIRS – USMEPCOM INTEGRATED RESOURCE SYSTEM
 USP - UNITED STATES PHARMACOPIA
 USSGL- UNITED STATES STANDARD GENERAL LEDGER
 USSOCOM- UNITED STATES SOUTHERN COMMAND
 USTRANSCOM - UNITED STATES TRANSPORTATION COMMAND
 VED - VIRTUAL ENTERPRISE DEVELOPMENT
 VHP - VEHICLE FUEL CELL AND HYDROGEN LOGISTICS PROGRAM
 VINS - VET BIZ INITIATIVE FOR NATIONAL SUSTAINMENT
 VIPS- VIRTUAL INTERACTIVE PROCESSING SYSTEM
 VR- VIRTUAL REALITY
 WAWF- WIDE AREA WORK FLOW
 WSS - WEAPON SYSTEM SUSTAINMENT
 XML - EXTENSABLE MARKUP LANGUAGE

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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Logistics Agency	Date: March 2014
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Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
0400: Research, Development, Test & Evaluation, Defense-Wide / BA 3: Advanced Technology Development (ATD)					PE 0603264S / Agile Transportation for the 21st Century (AT21) Theater Capability							
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	1.732	3.489	3.865	2.544	-	2.544	2.685	-	-	-	Continuing	Continuing
1: Agile Transportation for the 21st Century (AT21) Theater Capability	1.732	3.489	3.865	2.544	-	2.544	2.685	-	-	-	Continuing	Continuing

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

Through the Theater Enterprise Deployment and Distribution (TED2) analysis, the Geographic Combatant Commanders identified several gaps between United States Transportation Commands strategic lift processes and Geographic Combatant Commander's distribution processes. Highlighted is a lack of capability to (1.) manage transportation planning and execution processes for cargo and passenger movement within their respective theaters of operation or (2.) match global movement requirements against available lift assets to produce an optimized transportation schedule that meets delivery requirements. AT21 Increment 3 Theater Capability will identify key touch points between strategic and theater processes and synchronize end-to-end delivery of personnel, equipment and supplies by providing enhanced visibility, collaboration, automated processes, alerts and exception management capability supporting transportation planning and execution for theater force and sustainment movements. When fully implemented, it will provide opportunities to streamline cargo movement by optimizing capacity and provide complete visibility by synchronizing theater movements with strategic movements.

B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	3.892	7.565	7.575	-	7.575
Current President's Budget	3.489	3.865	2.544	-	2.544
Total Adjustments	-0.403	-3.700	-5.031	-	-5.031
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-0.005	-3.700			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.082	-			
• Sequestration	-0.316	-	-	-	-
• Other Program Reduction	-	-	-5.031	-	-5.031

Change Summary Explanation

FY 2013 Sequestration Reduction: -\$0.316 million

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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Logistics Agency		Date: March 2014				
Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide / BA 3: Advanced Technology Development (ATD)		R-1 Program Element (Number/Name) PE 0603264S / Agile Transportation for the 21st Century (AT21) Theater Capability				
Deferred/cancelled FY2013 new starts, reduced funding for academic research, slowed pursuit of anti-access/area denial/sea basing technologies, slowed development of tools designed to both optimize and reduce overall cost of global transportation movements, and slowed technology enhancements that will improve the efficiency of DOD's supply chain and warfighter effectiveness.						
FY2015 Other Program Reduction (Budget Control Act 2011): -\$5.031 million						
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015		
Title: Agile Transportation for the 21st Century (AT21) Theater Capability		3.489	3.865	2.544		
Description: Through the Theater Enterprise Deployment and Distribution (TED2) analysis, the Geographic Combatant Commanders identified several gaps between United States Transportation Commands strategic lift processes and Geographic Combatant Commander's distribution processes. Highlighted is a lack of capability to (1.) manage transportation planning and execution processes for cargo and passenger movement within their respective theaters of operation or (2.) match global movement requirements against available lift assets to produce an optimized transportation schedule that meets delivery requirements. AT21 Increment 3 Theater Capability will identify key touch points between strategic and theater processes and synchronize end-to-end delivery of personnel, equipment and supplies by providing enhanced visibility, collaboration, automated processes, alerts and exception management capability supporting transportation planning and execution for theater force and sustainment movements. When fully implemented, it will provide opportunities to streamline cargo movement by optimizing capacity and provide complete visibility by synchronizing theater movements with strategic movements.						
FY 2013 Accomplishments:						
• End to End (E2E) supply chain integration to support analysis of deployment and distribution requirements in support of AT21 theater development efforts.						
• Clarification of theater unique requirements via direct engagement with Geographic CCMDs						
• Business process analysis, reengineering and development of theater deployment and distribution processes, focusing on a single Geographic CCMD.						
• Data architecture analysis and services to support reengineered business processes that ensure the seamless transition of deployment and distribution information between strategic & theater legs.						
• Global Mission Scheduling (GMS) prototype development.						
FY 2014 Plans:						
• Continue End-to-End (E2E) supply chain integration to support analysis of deployment and distribution requirements in support of AT21 theater development efforts. Continue data architecture analysis/services work to support reengineered business processes to ensure the seamless transition of deployment and distribution information between strategic & theater operations.						

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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 3: Advanced Technology Development (ATD)					R-1 Program Element (Number/Name) PE 0603264S I Agile Transportation for the 21st Century (AT21) Theater Capability							
C. Accomplishments/Planned Programs (\$ in Millions)										FY 2013	FY 2014	FY 2015
• Prototyping, development and integration of E2E optimization solutions (includes the modification, configuration and integration of Commerical Off-The-Shelf (COTS)/Government Off-The-Shelf (GOTS) tools into the Joint Deployment and Distribution Environment (JDDE). FY 2015 Plans: Continue E2E supply chain integration to support analysis of deployment and distribution requirements in support of AT21 theater development efforts. Continue data architecture analysis/services work to support reengineered business processes to ensure the seamless transition of deployment and distribution information between strategic & theater legs. AT21 Increment III capabilities to be spirally transitioned as respective Geographic CCMD requirements are addressed.												
Accomplishments/Planned Programs Subtotals										3.489	3.865	2.544
D. Other Program Funding Summary (\$ in Millions)												
Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost	
• 0603713S: Deployment and Distribution Enterprise Technology	2.084	0.400	-	-	-	-	-	-	-	-	Continuing	
• 0603648D8Z: OSD (RFD) Movement Requirement Visibility-Theater (MRV-T) Joint Capability Technology Demonstration (JCTD)	-	-	-	-	-	-	-	-	-	-		
Remarks JCTD terminated July 2012												
E. Acquisition Strategy N/A												
F. Performance Metrics Development of core integrated strategic and theater process maps delineating gaps in information flow and prototype systems to facilitate synchronized transportation management and execution capabilities to improve performance in theater transportation planning and execution operations. >80% transition rate of proven technologies/capabilities.												

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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Logistics Agency **Date:** March 2014

Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide / BA 3: Advanced Technology Development (ATD)					R-1 Program Element (Number/Name) PE 0603712S / Logistics Research and Development Technology (Log R&D)							
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	43.145	23.130	18.000	16.836	-	16.836	17.207	17.991	18.056	18.416	Continuing	Continuing
1: Medical Logistics Network (MLN)	4.201	2.649	2.655	2.266	-	2.266	2.306	2.353	2.392	2.448	Continuing	Continuing
2: Weapon System Sustainment (WSS)	13.470	5.262	5.342	6.074	-	6.074	6.177	6.281	6.397	6.483	Continuing	Continuing
3: Supply Chain Management (SCM)	7.239	3.432	3.024	2.527	-	2.527	2.561	2.607	2.649	2.711	Continuing	Continuing
4: Strategic Distribution & Reutilization (SDR)	9.051	6.006	2.785	2.383	-	2.383	2.513	3.025	2.832	2.899	Continuing	Continuing
5: Energy Readiness Program (ERP)	5.714	3.626	2.038	1.743	-	1.743	1.774	1.810	1.840	1.883	Continuing	Continuing
6: Defense Logistics Information Research (DLIR)	3.470	2.155	2.156	1.843	-	1.843	1.876	1.915	1.946	1.992	Continuing	Continuing
7: Tent Network for Technology Implementation (TENTNET)	0.000	-	-	-	-	-	-	-	-	-	Continuing	Continuing

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

The central idea of the Focused Logistics Joint Functional Concept “is to build sufficient capacity into the sustainment pipeline, exercise sufficient control over the pipeline from end to end, and provide a high degree of certainty to the supported joint force commander that sustainment, and support will arrive where needed and on time.” The Defense Logistics Agency (DLA) Research and Development (R&D) program helps achieve this vision by pioneering advanced logistics concepts and business processes that provides the leanest possible infrastructure, the use of the best commercial and government sources, and the application of business practices. The Logistics R&D program develops and demonstrates high risk, high payoff technology that will provide a significantly higher level of support at lower costs, than would be otherwise attainable. The program has a proven track record of implementation and benefits. One example is the Department of Defense (DOD) Electronic MALL (EMALL). DOD EMALL was the first web based, distributed architecture on-line ordering capability. It has been adopted by the Army, Navy and the Department of Homeland Security. DLA’s overall Log R&D program has demonstrated positive net present value and a positive return on investment.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Logistics Agency	Date: March 2014
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Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide / BA 3: Advanced Technology Development (ATD)</i>	R-1 Program Element (Number/Name) PE 0603712S / <i>Logistics Research and Development Technology (Log R&D)</i>
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B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	24.605	20.000	20.312	-	20.312
Current President's Budget	23.130	18.000	16.836	-	16.836
Total Adjustments	-1.475	-2.000	-3.476	-	-3.476
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-0.033	-2.000			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	0.068	-			
• SBIR/STTR Transfer	-0.182	-			
• Sequestration	-1.328	-	-	-	-
• Other Program Reduction	-	-	-3.476	-	-3.476

Change Summary Explanation

FY2014 Congressional Rescissions: -\$2.000 million

FY2015 Other Program Reduction (Budget Control Act 2011): -\$3.476 million

The lower funding will result in significant disruption and delay for critical DLA Logistics R&D efforts. The Medical On-line Business Analytics capability will be delayed depriving DLA of the ability to properly plan and monitor orders to critical medical customers. The Supply Chain management project reductions means additional anti-counterfeiting technology will not be fully developed and implemented, increasing the risk that counterfeit parts will enter the DOD supply system. In addition, emerging additive manufacturing technology will not be available for low volume parts. The Strategic Distribution and Reutilization reductions mean that DLA support to the COCOM's deployments will be more costly because they will not be able to access regional suppliers through the IBEX2 system. Reductions to the Energy readiness program mean cost increases to the Services for fuel because fewer alternative fuel additives will be available. Finally, the reductions to the Defense Logistics Information project means DLA will not be capable of taking advantage of major advancements in Computer Aided Design/ Computer Aided Manufacturing.

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 3					R-1 Program Element (Number/Name) PE 0603712S / Logistics Research and Development Technology (Log R&D)				Project (Number/Name) 1 / Medical Logistics Network (MLN)			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
1: Medical Logistics Network (MLN)	4.201	2.649	2.655	2.266	-	2.266	2.306	2.353	2.392	2.448	Continuing	Continuing
# The FY 2015 OCO Request will be submitted at a later date.												
A. Mission Description and Budget Item Justification												
The Medical Directorate’s mission is to develop and implement the critical logistics and medical supply chain business practices that ensure the cost-effective and efficient distribution of medical materiel to the full range of Military Health System operations.												
The Medical Logistics Network (MLN) anticipates future medical logistical requirements and develops strategies and tools to meet these requirements. Operating in the unique DoD-Commercial medical logistics environment, the Medical Logistics Network supports innovative projects that improve this partnership and enhance the medical logistics enterprise support to the Warfighter.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015	
Title: Medical Logistics Network Accomplishments/Plans									2.649	2.655	2.266	
FY 2013 Accomplishments: In FY2013 two of the new projects are continuing to deliver capabilities to DLA business users. The Business Analytics project will enable users to extract data based on daily Electronic Data Interchange (EDI) business transactions instead of monthly vendor-reported data. The Cost & Pricing project is using historical prices and commercial data sources to help determine fair & reasonable prices. Advancing Cold Chain Management (ACCM), executed and funded as multiple sub-projects, continues this year with two small efforts to support pharmaceutical products.												
FY 2014 Plans: In FY2014 the projects underway will continue to deliver enhancements to extend the initial accomplishments, and the clinical standardization initiative will begin with its focus on medical/surgical product knowledge. We will look to extend the processes and capabilities for fair and reasonable pricing to other supply classes such as Subsistence. In addition, a new readiness project defined in 2013 could be in its first year.												
FY 2015 Plans: In FY2015 the On-Demand Business Analytics (ODBA) project and possibly the Cost & pricing project will be transitioning to sustainment. We will look to broaden the scope of Clinical Standardization to classes of medical products such as medical equipment. Advancing Cold Chain Management (ACCM), executed and funded as multiple sub-projects, will continue into this year. A new project for assembly data management could be undertaken this year.												
Accomplishments/Planned Programs Subtotals									2.649	2.655	2.266	

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014
Appropriation/Budget Activity 0400 / 3	R-1 Program Element (Number/Name) PE 0603712S / <i>Logistics Research and Development Technology (Log R&D)</i>	Project (Number/Name) 1 / <i>Medical Logistics Network (MLN)</i>

C. Other Program Funding Summary (\$ in Millions)

N/A

Remarks

D. Acquisition Strategy

The Business Analytics project was competitively bid as a task order on the Defense Logistics Standard Support Blanket Purchase Agreement (DMLSS-W BPA). That contract is no longer available to the MLN program so all new work is being solicited through DLA's Emerging Requirements Broad Agency Announcement. The MLN program may develop a new BPA that will support IT and non-IT medical logistics projects.

E. Performance Metrics

Defense Medical Logistics Transformation (DMLT): 1) The percentage of requirements supported by architecture products – Eighty-seven percent of the MedSurg Prime Vendor Program's Gen IV Requirements are supported by architecture products. 2) Measurement of compliance with laws and regulations (e.g. Clinger-Cohen Act) that require complete enterprise architecture- 93.0% of required products passed first certification review (based on MS-B and CDR). 3) Percentage alignment between Balanced Scorecard Transformation Initiatives and Enterprise Architecture - data to be determined as initiatives are further refined.

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 3					R-1 Program Element (Number/Name) PE 0603712S / Logistics Research and Development Technology (Log R&D)				Project (Number/Name) 2 / Weapon System Sustainment (WSS)			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
2: Weapon System Sustainment (WSS)	13.470	5.262	5.342	6.074	-	6.074	6.177	6.281	6.397	6.483	Continuing	Continuing
# The FY 2015 OCO Request will be submitted at a later date.												
A. Mission Description and Budget Item Justification												
Support Defense Logistics Agency (DLA) Strategic Plans Goals 1.) Warfighter Support) and 2.) Stewardship Excellence. The program spans multiple weapon systems and supply chains to improve internal processes, provide new methods, reduce costs and lead times, and ultimately, improve readiness for DLA customers.												
The program is focused in three initiatives:												
1.) Planning Process Improvement: The program improves elements of current inventory policy models, assesses potential benefits of new technologies and seeks more efficient approaches to deliver customer requirements while reducing inventory and order fulfillment costs.												
2.) Technical/Quality Process Improvement: The program improves internal efficiency and customer satisfaction through new tools and methods to proactively address supply issues resulting from current technical/quality processes.												
3.) Procurement Process Improvement: The program will demonstrate tailored data collection and business processes for well-defined subsets of suppliers and procurement types to improve supplier responsiveness, cycle time and cost.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015	
Title: Weapon System Sustainment Accomplishments/Plans									5.262	5.342	6.074	
FY 2013 Accomplishments:												
Planning Process Improvement. Efforts to support the transition of Peak Policy and the Next Generation inventory model (PNG) were successfully complete, and PNG is now used to set inventory levels for approximately 500K items. Projects were initiated to develop enhancements to the PNG technology that when completed will allow coverage of approximately 200K additional items. The Customer Collaboration project was successfully completed and the results transitioned to the Planning Process owner. The Supplier Initiated orders project was continued and is on track for successful completion in 2014. The Exchange/Sale for Economic Retention Stock project (formerly titled Inventory Privatization) was initiated. A project to develop enhancements to the FINISIM simulation model was initiated, and transition was initiated by submitting the capabilities to the J6 Front Door process. The WSS team worked with the Planning Process team to identify requirements for FY2014 projects.												
Technical/Quality Process Improvement. Efforts to support transition of DNA Marking for FSC 6K microcircuits were successfully completed, and DLA now requires use of the technology in all procurements of 6K items. The Product Verification Process project												

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency			Date: March 2014		
Appropriation/Budget Activity 0400 / 3		R-1 Program Element (Number/Name) PE 0603712S / <i>Logistics Research and Development Technology (Log R&D)</i>		Project (Number/Name) 2 / <i>Weapon System Sustainment (WSS)</i>	
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2013	FY 2014	FY 2015
<p>was successfully completed and transitioned to the Technical/Quality Process team. A project to identify key quality metrics and recommend improved metric s with greatest potential to impact operations and change behavior was successfully completed and transitioned to the Technical/Quality Process team. The WSS team worked with the T/Q Process team to identify a requirement for a Quality Cost Tool intended as an FY2014 project.</p> <p>Procurement Process Improvement. The Decision Support Project was completed and transitioned through the J6 High Risk Procurement project. The Matching Acquisition Strategies to Industry Capabilities project was successfully completed and transition activities initiated with Land and Maritime and J7. Efforts were made to work with J7 personnel to identify requirements for FY2014 projects.</p> <p>FY 2014 Plans: Planning Process Improvement: Transition of the Customer Collaboration, Matching Acquisition Strategies to Industry Capabilities, and Supplier Managed Inventory projects will be supported. New projects initiated in FY2013 will be continued or concludes as appropriate. New projects for FY2014 will be initiated as a result of planning efforts joint with the Planning Process owner and his team.</p> <p>Technical/Quality Process Improvement: New projects initiated in 2013 will be continued or concludes as appropriate. New projects for FY2014 will be initiated as a result of planning efforts joint with the Planning Process owner and his team.</p> <p>Procurement Process Improvement: Efforts to support transition of the Decision Support project will be continued as necessary. Any projects initiated in FY2013 will be continued or concluded, and efforts will continue to work with J7 procurement policy personnel to identify additional projects for initiation in FY2014.</p> <p>FY 2015 Plans: Planning Process Improvement: Transition of enhanced capabilities for Peak and Next Gen will be completed. Support to transition of enhancements to the Financial and Inventory Simulation model will be continued, as will transition support to the Inventory Privatization model. The Lead-time Demand project will be completed and transitioned initiated. A project to use Indentured Bills of Materials for improved demand planning will be completed, and follow on activities defined jointly with the Planning Process Owner and his team. New projects initiated in FY2014 will be continued or concluded as appropriate. New projects for FY2015 will be initiated as a result of planning efforts joint with the Planning Process owner and his team.</p> <p>Technical/Quality Process Improvement: The Product-based Anti-counterfeiting Technologies effort and the Quality Tool project initiated in FY2014 will be continued. Successful results from the Quality Metrics project completed in FY2014 will be transitioned. New projects initiated in 2014 will be continued or concluded as appropriate. New projects for FY2015 will be initiated as a result of planning efforts joint with the Technical/Quality Process owner and her team.</p>					

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014	
Appropriation/Budget Activity 0400 / 3	R-1 Program Element (Number/Name) PE 0603712S / <i>Logistics Research and Development Technology (Log R&D)</i>	Project (Number/Name) 2 / <i>Weapon System Sustainment (WSS)</i>	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014
<p>Procurement Process Improvement: The Low Item Demand Sourcing Solutions (LIDSS) project will be completed, and follow-on efforts to pursue transition of key results of the project will be defined jointly with J7 personnel. Other New projects initiated in 2014 will be continued or concluded as appropriate. New projects for FY2015 will be initiated as a result of planning efforts joint with the Technical/Quality Process owner and her team.</p> <p>New Initiative: If intensive planning, structuring and approval efforts to be conducted during FY2014 are successful, a major new initiative will be initiated to develop a Deployable Additive Manufacturing capability for DLA.</p>			
Accomplishments/Planned Programs Subtotals		5.262	5.342
C. Other Program Funding Summary (\$ in Millions)			
N/A			
Remarks			
D. Acquisition Strategy			
N/A			
E. Performance Metrics			
The metric is percent of completing demonstration projects transitioning per year. In FY2012, five of six completed projects transitioned. In FY2013, 2 of 3 completing projects will transition.			

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Appropriation/Budget Activity 0400 / 3					R-1 Program Element (Number/Name) PE 0603712S / <i>Logistics Research and Development Technology (Log R&D)</i>				Project (Number/Name) 3 / <i>Supply Chain Management (SCM)</i>																											
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost																								
3: <i>Supply Chain Management (SCM)</i>	7.239	3.432	3.024	2.527	-	2.527	2.561	2.607	2.649	2.711	Continuing	Continuing																								
<p># The FY 2015 OCO Request will be submitted at a later date.</p> <p>A. Mission Description and Budget Item Justification DLA operates in a very dynamic environment. To meet customer expectations DLA must be able to address problems in a timely manner and be able to respond to emerging opportunities. The Supply Chain Management Program within R&D provides the Agency with the resources needed to quickly take advantage of new ideas emerging from the Center Commanders, Process Owners, or Staff Directors.</p> <p>B. Accomplishments/Planned Programs (\$ in Millions)</p> <table border="1"> <thead> <tr> <th></th> <th>FY 2013</th> <th>FY 2014</th> <th>FY 2015</th> </tr> </thead> <tbody> <tr> <td>Title: Supply Chain Management Accomplishments/Plans</td> <td>3.432</td> <td>3.024</td> <td>2.527</td> </tr> <tr> <td colspan="4"> FY 2013 Accomplishments: During FY2013 Supply Chain Management invested in technologies to implement advanced Supply Chain Management techniques into DLA's Supply Chains. DLA is expecting to reduce the Production Lead-time needed to produce critical DLA Land and Maritime items. </td> </tr> <tr> <td colspan="4"> FY 2014 Plans: During FY2014 Supply Chain Management will invest in the technologies to implement advanced Supply Chain Management techniques into DLA's Supply Chains. DLA is expecting to reduce the Production Lead-time needed to produce critical DLA Land and Maritime items. </td> </tr> <tr> <td colspan="4"> FY 2015 Plans: During FY2015 Supply Chain Management will invest in the technologies to implement advanced Supply Chain Management techniques into DLA's Supply Chains. DLA is expecting to reduce the Production Lead-time needed to produce critical DLA Land and Maritime items. </td> </tr> <tr> <td>Accomplishments/Planned Programs Subtotals</td> <td>3.432</td> <td>3.024</td> <td>2.527</td> </tr> </tbody> </table> <p>C. Other Program Funding Summary (\$ in Millions) N/A</p> <p>Remarks</p> <p>D. Acquisition Strategy Competitive Broad Area Announcement.</p>														FY 2013	FY 2014	FY 2015	Title: Supply Chain Management Accomplishments/Plans	3.432	3.024	2.527	FY 2013 Accomplishments: During FY2013 Supply Chain Management invested in technologies to implement advanced Supply Chain Management techniques into DLA's Supply Chains. DLA is expecting to reduce the Production Lead-time needed to produce critical DLA Land and Maritime items.				FY 2014 Plans: During FY2014 Supply Chain Management will invest in the technologies to implement advanced Supply Chain Management techniques into DLA's Supply Chains. DLA is expecting to reduce the Production Lead-time needed to produce critical DLA Land and Maritime items.				FY 2015 Plans: During FY2015 Supply Chain Management will invest in the technologies to implement advanced Supply Chain Management techniques into DLA's Supply Chains. DLA is expecting to reduce the Production Lead-time needed to produce critical DLA Land and Maritime items.				Accomplishments/Planned Programs Subtotals	3.432	3.024	2.527
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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014
Appropriation/Budget Activity 0400 / 3	R-1 Program Element (Number/Name) PE 0603712S / <i>Logistics Research and Development Technology (Log R&D)</i>	Project (Number/Name) 3 / <i>Supply Chain Management (SCM)</i>

E. Performance Metrics

Implementation of advanced technologies into DLA's supply chain operations.

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014																										
Appropriation/Budget Activity 0400 / 3					R-1 Program Element (Number/Name) PE 0603712S / <i>Logistics Research and Development Technology (Log R&D)</i>				Project (Number/Name) 4 / <i>Strategic Distribution & Reutilization (SDR)</i>																											
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost																								
4: <i>Strategic Distribution & Reutilization (SDR)</i>	9.051	6.006	2.785	2.383	-	2.383	2.513	3.025	2.832	2.899	Continuing	Continuing																								
<p># The FY 2015 OCO Request will be submitted at a later date.</p> <p>A. Mission Description and Budget Item Justification This program, which through FY2013 is completing improvements and extensions to DLA distribution and disposition capabilities—especially for deployed warfighters—will shift focus in FY2014 to developing and implementing improvements to DLA Distribution and DLA Disposition Services in the Continental United States (CONUS). This will include technology enhancements to operations and processes in distribution centers and disposition offices. Transition organizations are DLA Distribution and DLA Disposition Services.</p> <p>B. Accomplishments/Planned Programs (\$ in Millions)</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td></td> <td align="center">FY 2013</td> <td align="center">FY 2014</td> <td align="center">FY 2015</td> </tr> <tr> <td>Title: Strategic Distribution & Reutilization (SDR) Accomplishments / Planned Program</td> <td align="center">6.006</td> <td align="center">2.785</td> <td align="center">2.383</td> </tr> <tr> <td colspan="4"> FY 2013 Accomplishments: Completed transition of SPX and humanitarian distribution capabilities. Began FDTPI implementation and the transition of successful practices into operations. Roadmap technology insertions in distribution and disposition operations. </td> </tr> <tr> <td colspan="4"> FY 2014 Plans: Complete transition of FDTPI and IBex2 capabilities. Support technology planning and insertions into disposition and distribution operations. </td> </tr> <tr> <td colspan="4"> FY 2015 Plans: Address inadequate legacy capabilities for worldwide distribution, disposition, reutilization, and retrograde operations via technology planning and insertion. </td> </tr> <tr> <td align="right" colspan="2">Accomplishments/Planned Programs Subtotals</td> <td align="center">6.006</td> <td align="center">2.785</td> </tr> </table> <p>C. Other Program Funding Summary (\$ in Millions) N/A</p> <p>Remarks</p> <p>D. Acquisition Strategy N/A</p>														FY 2013	FY 2014	FY 2015	Title: Strategic Distribution & Reutilization (SDR) Accomplishments / Planned Program	6.006	2.785	2.383	FY 2013 Accomplishments: Completed transition of SPX and humanitarian distribution capabilities. Began FDTPI implementation and the transition of successful practices into operations. Roadmap technology insertions in distribution and disposition operations.				FY 2014 Plans: Complete transition of FDTPI and IBex2 capabilities. Support technology planning and insertions into disposition and distribution operations.				FY 2015 Plans: Address inadequate legacy capabilities for worldwide distribution, disposition, reutilization, and retrograde operations via technology planning and insertion.				Accomplishments/Planned Programs Subtotals		6.006	2.785
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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014
Appropriation/Budget Activity 0400 / 3	R-1 Program Element (Number/Name) PE 0603712S / <i>Logistics Research and Development Technology (Log R&D)</i>	Project (Number/Name) 4 / <i>Strategic Distribution & Reutilization (SDR)</i>
E. Performance Metrics N/A		

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 3					R-1 Program Element (Number/Name) PE 0603712S / Logistics Research and Development Technology (Log R&D)				Project (Number/Name) 5 / Energy Readiness Program (ERP)			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
5: Energy Readiness Program (ERP)	5.714	3.626	2.038	1.743	-	1.743	1.774	1.810	1.840	1.883	Continuing	Continuing
# The FY 2015 OCO Request will be submitted at a later date.												
A. Mission Description and Budget Item Justification												
Program Management Office Support (PMO) for developing program strategies and goals, preparing documentation for the program, and performing quick reaction studies, including Congressionally Mandated Studies (CMS), and analysis. Alternate Energy Development (AED) to include test and certification to support the addition of synthetic and alternative fuels to mobility fuel specifications and acquisition plan; renewable fuels studies and planning; continued study of directives related to the implementation of alternative fuels and renewable energy. Improving Class IIIB supply chain through Current Product Improvement (CPI) (e.g. the study and development of fuel additives; studies to increase sources of supply), and Infrastructure & Process Improvement (IPI) (e.g. the development of analytical tools).												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015	
Title: Energy Readiness Program (ERP) Accomplishments/Plans									3.626	2.038	1.743	
FY 2013 Accomplishments: Continued PMO support in program implementation and planning (\$0.566M PMO/CMS). Continued support of alternative/renewable energy solution study, test, and demonstration (\$1.0M AED). Continued support Class IIIB supply chain through product improvement to increase sources, improve quality, and reduce cost. (\$1.4M CPI). Continue to support infrastructure & process improvements (\$1.0M IPI).												
FY 2014 Plans: Continued PMO support in program implementation and planning (\$0.318M PMO/CMS). Continued support of alternative/renewable energy solution study, test, and demonstration (\$0.570M AED). Continued support Class IIIB supply chain through product improvement to increase sources, improve quality, and reduce cost. (\$0.800M CPI). Continue to support infrastructure & process improvements (\$0.570M IPI).												
FY 2015 Plans: Continued PMO support in program implementation and planning (\$0.240M PMO/CMS). Continued support of alternative/renewable energy solution study, test, and demonstration (\$0.440M AED). Continued support Class IIIB supply chain through product improvement to increase sources, improve quality, and reduce cost. (\$0.620M CPI). Continue to support infrastructure & process improvements (\$0.440M IPI).												
Accomplishments/Planned Programs Subtotals									3.626	2.038	1.743	

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014
Appropriation/Budget Activity 0400 / 3	R-1 Program Element (Number/Name) PE 0603712S / <i>Logistics Research and Development Technology (Log R&D)</i>	Project (Number/Name) 5 / <i>Energy Readiness Program (ERP)</i>
C. Other Program Funding Summary (\$ in Millions) N/A Remarks D. Acquisition Strategy N/A E. Performance Metrics FY2012 – Transition of 30% of completed demonstration programs. FY2013 - Transition of 30% of completed demonstration programs.		

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 3					R-1 Program Element (Number/Name) PE 0603712S / Logistics Research and Development Technology (Log R&D)				Project (Number/Name) 6 / Defense Logistics Information Research (DLIR)			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
6: Defense Logistics Information Research (DLIR)	3.470	2.155	2.156	1.843	-	1.843	1.876	1.915	1.946	1.992	Continuing	Continuing
# The FY 2015 OCO Request will be submitted at a later date.												
A. Mission Description and Budget Item Justification												
The Defense Logistics Information Research (DLIR) program objective is to research, identify, and implement potential or existing technologies using high-risk, high-payoff tools, methods, techniques, and products. The DLIR program partners with commercial industry to perform short-term projects (STPs) in various logistics business areas which align with the Defense Logistics Agency's (DLA's) strategic vision. DLIR improves functional and business processes using the latest technologies available, which support the nation's warfighter. The technical areas of interest are:												
1.) Development of Logistics Data Interoperability & Availability. Enhances the functionality and compatibility of data in a complex data environment using supply chain relationships and lifecycle management to allow flexible visibility. 2.) Next Generation Automated Electronic Commerce and Sourcing. The Next Generation Automated Electronic Commerce and Sourcing technical area of interest focuses on employing the best of breed processes, practices, and technology to enable and/or streamline electronic commerce from the customer's point-of-need to point-of-satisfaction.												
DLIR is working several short term projects in the first area of interest only. They are positioning DLA to move towards a model-based enterprise (MBE), using and acquiring 3-Dimensional model-based data instead of 2-Dimensional hardcopy for weapon system sustainment and support.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015	
Title: Defense Logistics Information Research (DLIR) Accomplishments/Plans									2.155	2.156	1.843	
FY 2013 Accomplishments: Completed the second phase of the project supporting the Air Force's A10 wing replacement program and complete the study about how the government obtains and can improve how it acquires technical data.												
The Parametric Search tool will be made "transition ready" to be inserted behind the DLA firewall												
FY 2014 Plans: Continue to identify ways for DLA to utilize the recommendations for using automated tools and processes for obtaining and exchanging technical data.												
FY 2015 Plans: Continue work on a concept of operations (CONOPS) for using Model based technical data in Procurement												

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014	
Appropriation/Budget Activity 0400 / 3	R-1 Program Element (Number/Name) PE 0603712S / <i>Logistics Research and Development Technology (Log R&D)</i>	Project (Number/Name) 6 / <i>Defense Logistics Information Research (DLIR)</i>	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014
Develop a sourcing function within the parametric search tool			
Develop automated tools and methodologies to store and deliver 3 Dimensional model data to customers so they can use Additive Manufacturing to make the part. The goal is that DLA will store, stock, and ship the model, not the part.			
Accomplishments/Planned Programs Subtotals		2.155	1.843
C. Other Program Funding Summary (\$ in Millions)			
N/A			
Remarks			
D. Acquisition Strategy			
N/A			
E. Performance Metrics			
Improved quality of logistics data.			

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014																										
Appropriation/Budget Activity 0400 / 3					R-1 Program Element (Number/Name) PE 0603712S / <i>Logistics Research and Development Technology (Log R&D)</i>				Project (Number/Name) 7 / <i>Tent Network for Technology Implementation (TENTNET)</i>																											
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost																								
<i>7: Tent Network for Technology Implementation (TENTNET)</i>	-	-	-	-	-	-	-	-	-	-	Continuing	Continuing																								
<p># The FY 2015 OCO Request will be submitted at a later date.</p> <p>A. Mission Description and Budget Item Justification The purpose of the TENTNET program is to significantly improve supply chain surge capabilities for military tent requirements. The program is building a community of practice amongst DLA, academia, and industry to help identify supply chain bottlenecks and structure short term R&D projects to address these bottlenecks.</p> <p>B. Accomplishments/Planned Programs (\$ in Millions)</p> <table border="1"> <thead> <tr> <th></th> <th>FY 2013</th> <th>FY 2014</th> <th>FY 2015</th> </tr> </thead> <tbody> <tr> <td>Title: TENTNET Accomplishments/Plans</td> <td align="center">-</td> <td align="center">-</td> <td align="center">-</td> </tr> <tr> <td>Description: E-Mall Access for TENTNET: This project will make it possible for MilSpec Tent information to be available to all EMALL users. It will expand the number of tent and shelter products that have rich technical and performance information available on DOD EMALL. The project is structured to benefit the entire tent manufacturing community by making their product more visible and, more importantly, it will improve the quality of product information available to the warfighter. Plans include completing data collection and web design for three additional MILSPEC tents, complete modifications, and develop web-based training capability.</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Extension of Supply Chain Simulation project: This represents additional tasking for an existing project. The project will simulate the capability of the tent supply chain to surge production under varying conditions and requirements. We expect this project to produce an effective decision making tool for DLA's Industrial Capabilities Programs allowing program management to evaluate the effect of placing buffer stocks at various levels within the supply chain. Anticipate completion by Sept 2011.</td> <td></td> <td></td> <td></td> </tr> <tr> <td>FY 2013 Accomplishments: No input.</td> <td></td> <td></td> <td></td> </tr> <tr> <td align="right">Accomplishments/Planned Programs Subtotals</td> <td align="center">-</td> <td align="center">-</td> <td align="center">-</td> </tr> </tbody> </table> <p>C. Other Program Funding Summary (\$ in Millions) N/A</p> <p>Remarks</p> <p>D. Acquisition Strategy N/A</p>														FY 2013	FY 2014	FY 2015	Title: TENTNET Accomplishments/Plans	-	-	-	Description: E-Mall Access for TENTNET: This project will make it possible for MilSpec Tent information to be available to all EMALL users. It will expand the number of tent and shelter products that have rich technical and performance information available on DOD EMALL. The project is structured to benefit the entire tent manufacturing community by making their product more visible and, more importantly, it will improve the quality of product information available to the warfighter. Plans include completing data collection and web design for three additional MILSPEC tents, complete modifications, and develop web-based training capability.				Extension of Supply Chain Simulation project: This represents additional tasking for an existing project. The project will simulate the capability of the tent supply chain to surge production under varying conditions and requirements. We expect this project to produce an effective decision making tool for DLA's Industrial Capabilities Programs allowing program management to evaluate the effect of placing buffer stocks at various levels within the supply chain. Anticipate completion by Sept 2011.				FY 2013 Accomplishments: No input.				Accomplishments/Planned Programs Subtotals	-	-	-
	FY 2013	FY 2014	FY 2015																																	
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Accomplishments/Planned Programs Subtotals	-	-	-																																	

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014
Appropriation/Budget Activity 0400 / 3	R-1 Program Element (Number/Name) PE 0603712S / <i>Logistics Research and Development Technology (Log R&D)</i>	Project (Number/Name) 7 / <i>Tent Network for Technology Implementation (TENTNET)</i>

E. Performance Metrics

The goal of the program is to transition positive project results to industry, assuming there is a credible business case to do so. With this goal in mind, each STP team will develop a set of key performance parameters (KPPs) at the onset of the project – the KPPs will be used to measure the success of the technology or process improvement involved.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Logistics Agency	Date: March 2014
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Appropriation/Budget Activity	R-1 Program Element (Number/Name)											
0400: <i>Research, Development, Test & Evaluation, Defense-Wide / BA 3: Advanced Technology Development (ATD)</i>	PE 0603713S / <i>Deployment and Distribution Enterprise Technology</i>											
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	58.471	27.985	30.256	29.683	-	29.683	29.959	26.350	26.609	29.055	Continuing	Continuing
1: <i>Capabilities Based Logistics</i>	7.342	-	-	-	-	-	-	-	-	-	Continuing	Continuing
2: <i>Deployment and Distribution Velocity Management</i>	6.869	-	-	-	-	-	-	-	-	-	Continuing	Continuing
3: <i>Cross Domain Intuitive Planning</i>	2.408	-	-	-	-	-	-	-	-	-	Continuing	Continuing
4: <i>End-to-End Visibility</i>	3.296	1.626	0.751	0.527	-	0.527	2.518	1.000	1.000	1.500	Continuing	Continuing
5: <i>Distribution Planning and Forecasting</i>	8.504	-	-	-	-	-	-	-	-	-	Continuing	Continuing
6: <i>Joint Transportation Interface</i>	14.917	-	-	-	-	-	-	-	-	-	Continuing	Continuing
7: <i>Distribution Protection/Safety/ Security</i>	15.135	-	-	-	-	-	-	-	-	-	Continuing	Continuing
8: <i>Command and Control/ Optimization/Modeling and Simulation</i>	0.000	17.294	21.546	20.909	-	20.909	15.941	13.506	13.643	13.853	Continuing	Continuing
9: <i>Cyber</i>	0.000	0.481	0.640	0.996	-	0.996	2.997	3.182	3.214	4.050	Continuing	Continuing
10: <i>Global Access</i>	0.000	8.584	7.319	7.251	-	7.251	8.503	8.662	8.752	9.652	Continuing	Continuing

The FY 2015 OCO Request will be submitted at a later date.

Note

FY06-12 projects 1-3, 5-7 repackaged into new Projects 8 and 10 starting in FY2013 per ASD (R&E) recommendation.

A. Mission Description and Budget Item Justification

USTRANSCOM is tasked to provide globally integrated, agile deployment and distribution solutions and related enabling capabilities to support national security, force readiness and sustainability within an increasingly constrained defense budget. Unpredictable and extended global distribution routes, limited visibility of sustainment requirements, force packaging limitations, lift constraints, anti-access/aerial denial concerns, complex supply chains, as well as non-networked battlefield command and control, planning, and decision support tools impede timely customer logistical support. To project unimpeded global power and influence, USTRANSCOM must have access to relevant, real-time information and invest in enabling capabilities that contribute to mission success. Effective knowledge sharing and transparency across the joint logistics enterprise, facilitated by secure enterprise-wide visibility into logistical processes and the ability to effectively collaborate/operate in a degraded cyberspace, is required to promote effective, efficient and responsive global management of force projection and sustainment resources.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Logistics Agency	Date: March 2014
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Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide / BA 3: Advanced Technology Development (ATD)</i>	R-1 Program Element (Number/Name) PE 0603713S / <i>Deployment and Distribution Enterprise Technology</i>
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B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	30.678	30.256	29.683	-	29.683
Current President's Budget	27.985	30.256	29.683	-	29.683
Total Adjustments	-2.693	-	-	-	-
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-0.041	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.044	-			
• FY2013 Sequestration	-2.608	-	-	-	-

Change Summary Explanation

FY2013 Sequestration: -\$2.608 million

Deferred/cancelled FY2013 new starts, reduced funding for academic research, slowed pursuit of anti-access/area denial/sea basing technologies, slowed development of tools designed to both optimize and reduce overall cost of global transportation movements, and slowed technology enhancements that will improve the efficiency of DOD's supply chain and warfighter effectiveness.

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014																		
Appropriation/Budget Activity 0400 / 3					R-1 Program Element (Number/Name) PE 0603713S / <i>Deployment and Distribution Enterprise Technology</i>				Project (Number/Name) 1 / <i>Capabilities Based Logistics</i>																			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost																
1: <i>Capabilities Based Logistics</i>	7.342	-	-	-	-	-	-	-	-	-	Continuing	Continuing																
<p># The FY 2015 OCO Request will be submitted at a later date.</p> <p>Note Projects 1-3, 5-7 repackaged into new Projects 8-10 starting in FY2013 per ASD (R&E) recommendation.</p> <p>A. Mission Description and Budget Item Justification The Department requires procedures and technologies which provide enterprise-level capabilities critical to the distribution system to improve performance of the end-to-end DOD supply chain in direct support of the full range of military operations. Ability to rapidly respond to customers' changing demands, with a reliably high level of service. These needs include: capabilities which enhance any supply or transportation mission (aeromedical, air refueling, joint logistics over-the-shore, and seabasing); analysis, tailoring and implementation of selected best enterprise-level practices from industry; and tools/procedures to optimize transportation plus supply (distribution) plans and schedules in support of an entire operation. This project addresses the required mission support to combatant commanders and other customers in the area of capability-based logistics.</p> <p>B. Accomplishments/Planned Programs (\$ in Millions)</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td></td> <td align="center">FY 2013</td> <td align="center">FY 2014</td> <td align="center">FY 2015</td> </tr> <tr> <td>Title: Capabilities Based Logistics</td> <td align="center">-</td> <td align="center">-</td> <td align="center">-</td> </tr> <tr> <td>FY 2013 Accomplishments: N/A</td> <td></td> <td></td> <td></td> </tr> <tr> <td align="right">Accomplishments/Planned Programs Subtotals</td> <td align="center">-</td> <td align="center">-</td> <td align="center">-</td> </tr> </table> <p>C. Other Program Funding Summary (\$ in Millions) N/A</p> <p>Remarks</p> <p>D. Acquisition Strategy N/A</p> <p>E. Performance Metrics Critical enterprise-level distribution system capabilities to improve DOD supply chain performance. Plus focus on research and development to address warfighting requirements.</p>														FY 2013	FY 2014	FY 2015	Title: Capabilities Based Logistics	-	-	-	FY 2013 Accomplishments: N/A				Accomplishments/Planned Programs Subtotals	-	-	-
	FY 2013	FY 2014	FY 2015																									
Title: Capabilities Based Logistics	-	-	-																									
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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014																		
Appropriation/Budget Activity 0400 / 3					R-1 Program Element (Number/Name) PE 0603713S / <i>Deployment and Distribution Enterprise Technology</i>				Project (Number/Name) 2 / <i>Deployment and Distribution Velocity Management</i>																			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost																
2: <i>Deployment and Distribution Velocity Management</i>	6.869	-	-	-	-	-	-	-	-	-	Continuing	Continuing																
<p># The FY 2015 OCO Request will be submitted at a later date.</p> <p>Note Projects 1-3, 5-7 repackaged into new Projects 8-10 starting in FY2013 per ASD (R&E) recommendation.</p> <p>A. Mission Description and Budget Item Justification DOD requires procedures/technologies targeted at optimizing throughput at the nodes and through the conduits of the deployment and distribution supply chains, from origin to point of use and return to include: inventory management enhancers (includes node cargo management/tracking); materiel handling innovations (including methods of reducing handling); improved physical access to nodes (includes aircraft all-weather visual systems); port throughput enhancements (includes in-port time reduction methods); and innovative delivery methods (for example, precision airlift, autonomous re-supply). This project addresses required mission support to combatant commanders and other customers of DOD's distribution and transportation systems in the area of deployment/distribution velocity management.</p> <p>B. Accomplishments/Planned Programs (\$ in Millions)</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td></td> <td align="center">FY 2013</td> <td align="center">FY 2014</td> <td align="center">FY 2015</td> </tr> <tr> <td>Title: Deployment and Distribution Velocity Management</td> <td align="center">-</td> <td align="center">-</td> <td align="center">-</td> </tr> <tr> <td>FY 2013 Accomplishments: N/A</td> <td></td> <td></td> <td></td> </tr> <tr> <td align="right">Accomplishments/Planned Programs Subtotals</td> <td align="center">-</td> <td align="center">-</td> <td align="center">-</td> </tr> </table> <p>C. Other Program Funding Summary (\$ in Millions) N/A</p> <p>Remarks</p> <p>D. Acquisition Strategy N/A</p> <p>E. Performance Metrics Increase force projection and sustainment velocity. Plus focus on research and development to address warfighting requirements.</p>														FY 2013	FY 2014	FY 2015	Title: Deployment and Distribution Velocity Management	-	-	-	FY 2013 Accomplishments: N/A				Accomplishments/Planned Programs Subtotals	-	-	-
	FY 2013	FY 2014	FY 2015																									
Title: Deployment and Distribution Velocity Management	-	-	-																									
FY 2013 Accomplishments: N/A																												
Accomplishments/Planned Programs Subtotals	-	-	-																									

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014																		
Appropriation/Budget Activity 0400 / 3					R-1 Program Element (Number/Name) PE 0603713S / <i>Deployment and Distribution Enterprise Technology</i>				Project (Number/Name) 3 / <i>Cross Domain Intuitive Planning</i>																			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost																
3: <i>Cross Domain Intuitive Planning</i>	2.408	-	-	-	-	-	-	-	-	-	Continuing	Continuing																
<p># The FY 2015 OCO Request will be submitted at a later date.</p> <p>Note Projects 1-3, 5-7 repackaged into new Projects 8-10 starting in FY2013 per ASD (R&E) recommendation.</p> <p>A. Mission Description and Budget Item Justification Procedures/technologies which improve decision-making and collaboration within the supply chain, from the planning stage to real-time execution and retrograde operations, without need for highly specialized operators of the tools. Projects in this area address following areas: decision support tools for any echelon of the supply chain or decision-maker, distribution process simulations and models for analysis and training, distribution demand forecasting/execution monitoring tools, on-line training, automated decision-maker support (e.g., queuing, alerting, recommended courses of action), automated status monitoring with information fusion and drilldown capability, and resilient C2 infrastructure capabilities. This project will provide required mission support to combatant commanders and other distribution/transportation customers in the area of collaborative planning/execution/information sharing/decision support tools.</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>B. Accomplishments/Planned Programs (\$ in Millions)</td> <td>FY 2013</td> <td>FY 2014</td> <td>FY 2015</td> </tr> <tr> <td>Title: Cross Domain Intuitive Planning</td> <td align="center">-</td> <td align="center">-</td> <td align="center">-</td> </tr> <tr> <td>FY 2013 Accomplishments: N/A</td> <td></td> <td></td> <td></td> </tr> <tr> <td align="right">Accomplishments/Planned Programs Subtotals</td> <td align="center">-</td> <td align="center">-</td> <td align="center">-</td> </tr> </table> <p>C. Other Program Funding Summary (\$ in Millions) N/A</p> <p>Remarks</p> <p>D. Acquisition Strategy N/A</p> <p>E. Performance Metrics Improve decision-making and collaboration within the supply chain and focus on research and development to address warfighting requirements.</p>													B. Accomplishments/Planned Programs (\$ in Millions)	FY 2013	FY 2014	FY 2015	Title: Cross Domain Intuitive Planning	-	-	-	FY 2013 Accomplishments: N/A				Accomplishments/Planned Programs Subtotals	-	-	-
B. Accomplishments/Planned Programs (\$ in Millions)	FY 2013	FY 2014	FY 2015																									
Title: Cross Domain Intuitive Planning	-	-	-																									
FY 2013 Accomplishments: N/A																												
Accomplishments/Planned Programs Subtotals	-	-	-																									

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 3					R-1 Program Element (Number/Name) PE 0603713S / <i>Deployment and Distribution Enterprise Technology</i>				Project (Number/Name) 4 / <i>End-to-End Visibility</i>			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
4: <i>End-to-End Visibility</i>	3.296	1.626	0.751	0.527	-	0.527	2.518	1.000	1.000	1.500	Continuing	Continuing

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

Enhanced end-to-end visibility of all aspects of the projection and sustainment is required to improve the effectiveness/efficiency of deployment/distribution/redeployment operations to ensure warfighter support and confidence. This requires investigation into next generation Automated Information Technology (AIT)/Total Asset Visibility (TAV) technologies and/or container security to improve end-to-end distribution visibility and enhance planning/ execution and transform sustainment operations. Includes the ability to determine immediate, reliable, and accurate shipment status through system access or event management. Develop an over-arching process and system architecture which will automate and integrate existing and innovative new programs across the supply chain to provide complete In Transit Visibility (ITV) data, to include visibility of non-DOD cargo during humanitarian/disaster relief operations. The ability of USTRANSCOM to supply transportation support for homeland defense and/or disaster relief depends on effective ways to link with other governmental and civilian agencies. Also need to explore the many barriers across the Joint Deployment and Distribution Enterprise (JDDE), to include non-DOD government entities, coalition partners, non-government organizations, and commercial industry, which can create confusion/conflict or detract from the optimization of the JDDE.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2013	FY 2014	FY 2015
Title: End-to-End Visibility	1.626	0.751	0.527
FY 2013 Accomplishments: Continued effort to provide capability to read RFID tags from standoff distances thus increasing theater visibility coverage without increasing infrastructure. Completed JCTD to provide a mobile AIT capability in a military environment and austere locations. Continued to integrate basic web mapping capabilities with high end analytical mapping services to properly authenticated users.			
FY 2014 Plans: Complete final development and demonstration activities associated with JCTD. Complete effort to provide capability to read RFID tags from standoff distances thus increasing theater visibility coverage without increasing infrastructure. Complete integration of basic web mapping capabilities with high end analytical mapping services to properly authenticated users.			
FY 2015 Plans: Begin development of an advanced predictive forecasting capability for better visibility and forecasting of Class IX (spare parts) demands, anticipate lift needs, and establish / measure lift priorities in terms of the operational availability implications of those demands on planned military operations. Begin efforts to improve visibility and accountability of expeditionary fuel distribution and usage. Begin effort to incorporate sensors into existing Mesh Tag technology to acquire container position and height data to automatically generate container yard plans.			
Accomplishments/Planned Programs Subtotals	1.626	0.751	0.527

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014
Appropriation/Budget Activity 0400 / 3	R-1 Program Element (Number/Name) PE 0603713S / <i>Deployment and Distribution Enterprise Technology</i>	Project (Number/Name) 4 / <i>End-to-End Visibility</i>
C. Other Program Funding Summary (\$ in Millions) N/A		
Remarks		
D. Acquisition Strategy N/A		
E. Performance Metrics Project performance metrics are specific to each effort and include measures identified in the metric project plans. Project completions and success are monitored against schedules and deliverables stated in the proposals and statements of work. >80% transition rate of proven technologies to increase force projection and sustainment velocity and enhance effectiveness and efficiency of DOD logistics/supply chain operations.		

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014																		
Appropriation/Budget Activity 0400 / 3					R-1 Program Element (Number/Name) PE 0603713S / <i>Deployment and Distribution Enterprise Technology</i>				Project (Number/Name) 5 / <i>Distribution Planning and Forecasting</i>																			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost																
5: <i>Distribution Planning and Forecasting</i>	8.504	-	-	-	-	-	-	-	-	-	Continuing	Continuing																
<p># The FY 2015 OCO Request will be submitted at a later date.</p> <p>Note Projects 1-3, 5-7 repackaged into new Projects 8-10 starting in FY2013 per ASD (R&E) recommendation.</p> <p>A. Mission Description and Budget Item Justification There is a lack of collaborative distribution planning, based on an understanding of aggregated customer requirements, for optimizing the end-to-end distribution process. Planning, forecasting and collaboration are insufficiently advanced to fully synchronize people, processes and assets to execute planned operations. Automated tools should be able to dynamically analyze/predict demand and provide input to advanced distribution planning systems. Project investigates the need for flexible end-to-end enhanced modeling and simulation and collaborative decision support tools.</p> <p>B. Accomplishments/Planned Programs (\$ in Millions)</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td></td> <td align="center">FY 2013</td> <td align="center">FY 2014</td> <td align="center">FY 2015</td> </tr> <tr> <td>Title: Distribution Planning and Forecasting</td> <td align="center">-</td> <td align="center">-</td> <td align="center">-</td> </tr> <tr> <td>FY 2013 Accomplishments: N/A</td> <td></td> <td></td> <td></td> </tr> <tr> <td align="right">Accomplishments/Planned Programs Subtotals</td> <td align="center">-</td> <td align="center">-</td> <td align="center">-</td> </tr> </table> <p>C. Other Program Funding Summary (\$ in Millions) N/A</p> <p>Remarks</p> <p>D. Acquisition Strategy N/A</p> <p>E. Performance Metrics Planning based on an understanding of customer requirements for optimizing the distribution process. Plus focus on research and development to address warfighting requirements.</p>														FY 2013	FY 2014	FY 2015	Title: Distribution Planning and Forecasting	-	-	-	FY 2013 Accomplishments: N/A				Accomplishments/Planned Programs Subtotals	-	-	-
	FY 2013	FY 2014	FY 2015																									
Title: Distribution Planning and Forecasting	-	-	-																									
FY 2013 Accomplishments: N/A																												
Accomplishments/Planned Programs Subtotals	-	-	-																									

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014																		
Appropriation/Budget Activity 0400 / 3					R-1 Program Element (Number/Name) PE 0603713S / <i>Deployment and Distribution Enterprise Technology</i>				Project (Number/Name) 6 / <i>Joint Transportation Interface</i>																			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost																
6: <i>Joint Transportation Interface</i>	14.917	-	-	-	-	-	-	-	-	-	Continuing	Continuing																
<p># The FY 2015 OCO Request will be submitted at a later date.</p> <p>Note Projects 1-3, 5-7 repackaged into new Projects 8-10 starting in FY2013 per ASD (R&E) recommendation.</p> <p>A. Mission Description and Budget Item Justification Synchronizing strategic/theater delivery capabilities to meet increasingly dynamic customer needs. Transportation information exchange across the DOD is inhibited by the disparity of systems, differing data standards, and insufficient interfaces. Queries and retrieval of status and shipment information cannot be executed due to lack of connectivity between the various components of the supply chain. The ability to maintain situational awareness of movements at macro/micro (drill down) levels, with associated force and sustainment cargo on board; to track force packages progress, and rapidly determine the impact of any delays or changes to sailing progress and arrival at port of debarkation; and to conduct "what -if" impact assessment of possible changes to delivery asset's course, speed or departure/arrival information as it relates to force or force package delivery/impact of any change on the closure of force packages in theater is required. The ability of USTRANSCOM to supply transportation support for homeland defense and/or disaster relief depends on effective ways to link with other governmental and civilian agencies. Also need to explore the many barriers across the Joint Deployment and Distribution Enterprise (JDDE), to include non-DOD government entities, coalition partners, non-government organizations, and commercial industry, which can create confusion/conflict or detract from the optimization of the JDDE.</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>B. Accomplishments/Planned Programs (\$ in Millions)</td> <td>FY 2013</td> <td>FY 2014</td> <td>FY 2015</td> </tr> <tr> <td>Title: Joint Transportation Interface</td> <td align="center">-</td> <td align="center">-</td> <td align="center">-</td> </tr> <tr> <td>FY 2013 Accomplishments: N/A</td> <td></td> <td></td> <td></td> </tr> <tr> <td align="right">Accomplishments/Planned Programs Subtotals</td> <td align="center">-</td> <td align="center">-</td> <td align="center">-</td> </tr> </table> <p>C. Other Program Funding Summary (\$ in Millions) N/A</p> <p>Remarks</p> <p>D. Acquisition Strategy N/A</p>													B. Accomplishments/Planned Programs (\$ in Millions)	FY 2013	FY 2014	FY 2015	Title: Joint Transportation Interface	-	-	-	FY 2013 Accomplishments: N/A				Accomplishments/Planned Programs Subtotals	-	-	-
B. Accomplishments/Planned Programs (\$ in Millions)	FY 2013	FY 2014	FY 2015																									
Title: Joint Transportation Interface	-	-	-																									
FY 2013 Accomplishments: N/A																												
Accomplishments/Planned Programs Subtotals	-	-	-																									

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014
Appropriation/Budget Activity 0400 / 3	R-1 Program Element (Number/Name) PE 0603713S / <i>Deployment and Distribution Enterprise Technology</i>	Project (Number/Name) 6 / <i>Joint Transportation Interface</i>
E. Performance Metrics Synchronizing, through information exchange, strategic/theater delivery capabilities to meet warfighter needs. Plus focus on research and development to address warfighting requirements.		

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014																		
Appropriation/Budget Activity 0400 / 3					R-1 Program Element (Number/Name) PE 0603713S / <i>Deployment and Distribution Enterprise Technology</i>				Project (Number/Name) 7 / <i>Distribution Protection/Safety/Security</i>																			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost																
7: <i>Distribution Protection/Safety/Security</i>	15.135	-	-	-	-	-	-	-	-	-	Continuing	Continuing																
<p># The FY 2015 OCO Request will be submitted at a later date.</p> <p>Note Projects 1-3, 5-7 repackaged into new Projects 8-10 starting in FY2013 per ASD (R&E) recommendation.</p> <p>A. Mission Description and Budget Item Justification The Theater Commander has not always been able to provide the appropriate security in a timely manner during deployment. In some cases there are insufficient security assets to oversee convoy security in-country; therefore, all movement requirements are competing for the same limited resources. Additionally need to explore new, portable methods of detecting hazardous/asymmetric materials in very small quantities to support safe logistics operations. Also explore technologies to enhance the capability to deliver personnel/materiel to anti-access/austere airfields and seaports.</p> <p>B. Accomplishments/Planned Programs (\$ in Millions)</p> <table border="1"> <thead> <tr> <th></th> <th>FY 2013</th> <th>FY 2014</th> <th>FY 2015</th> </tr> </thead> <tbody> <tr> <td>Title: Distribution Protection/Safety/Security</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>FY 2013 Accomplishments: N/A</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Accomplishments/Planned Programs Subtotals</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table> <p>C. Other Program Funding Summary (\$ in Millions) N/A</p> <p>Remarks</p> <p>D. Acquisition Strategy N/A</p> <p>E. Performance Metrics Providing the appropriate security in a timely manner during deployment and distribution operations. Plus focus on research and development to address warfighting requirements.</p>														FY 2013	FY 2014	FY 2015	Title: Distribution Protection/Safety/Security	-	-	-	FY 2013 Accomplishments: N/A				Accomplishments/Planned Programs Subtotals	-	-	-
	FY 2013	FY 2014	FY 2015																									
Title: Distribution Protection/Safety/Security	-	-	-																									
FY 2013 Accomplishments: N/A																												
Accomplishments/Planned Programs Subtotals	-	-	-																									

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 3					R-1 Program Element (Number/Name) PE 0603713S / <i>Deployment and Distribution Enterprise Technology</i>				Project (Number/Name) 8 / <i>Command and Control/Optimization/Modeling and Simulation</i>			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
8: <i>Command and Control/Optimization/Modeling and Simulation</i>	-	17.294	21.546	20.909	-	20.909	15.941	13.506	13.643	13.853	Continuing	Continuing
# The FY 2015 OCO Request will be submitted at a later date.												
Note FY06-12 projects 1-3, 5-7 repackaged into new Projects 8 and 10 starting in FY2013 per ASD (R&E) recommendation.												
A. Mission Description and Budget Item Justification Capabilities which improve deployment, distribution and supply chain decision-making/collaboration (planning stage to real-time execution and retrograde operations) without need for highly specialized operators. Projects in this area address the following: decision support tools, distribution process simulations/analytics, distribution demand forecasting/execution monitoring, training, automated decision-maker support (e.g., queuing, alerting, courses of action), automated status monitoring with information fusion and drilldown capability, and resilient C2 infrastructure capabilities. Current planning, forecasting and collaboration capabilities do not permit full synchronization of people, processes and assets to execute planned operations. Automated tools must be able to dynamically analyze/predict demand and provide input to advanced distribution planning systems. Transportation information exchange across the DOD is inhibited by disparate systems, multiple data standards and insufficient interfaces. The ability to maintain situational awareness of movements at macro/micro (drill down) levels, with associated force and sustainment cargo on board; to track force packages progress, and rapidly determine the impact of any delays or changes to sailing progress and arrival at port of debarkation; and to conduct "what -if" impact assessment of possible changes to delivery asset's course, speed or departure/arrival information as it relates to force or force package delivery/impact of any change on the closure of force packages in theater is required. This project addresses the required mission support to combatant commanders and other customers in the area of C2, Optimization, and Modeling and Simulations.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015	
Title: Command and Control/Optimization/Modeling and Simulation									17.294	21.546	20.909	
FY 2013 Accomplishments: Began effort to provide a browser-based tool to capture user feedback/expertise/learning preferences and domain knowledge over time. Continued process to determine parts failure/usage patterns and mission type/environment to initiate sustainment support actions (previously project 5). Continued development and spiral transition of collaboration & situational awareness technologies to provide dynamic planning and course of action development/execution capabilities (previously project 6). Continued partnership with Air Force Institute of Technology to develop Modeling and Simulation Decision Support technologies (previously project 5). Continued partnership with Lincoln Labs for information technology system integration and prototype development (previously project 2). Continued to develop a planner's capability to fine-tune the pairing of air movement requirements and resources to maximize aircraft utilization efficiency (previously project 6). Continued effort to optimize surface												

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency			Date: March 2014		
Appropriation/Budget Activity 0400 / 3		R-1 Program Element (Number/Name) PE 0603713S / <i>Deployment and Distribution Enterprise Technology</i>		Project (Number/Name) 8 / <i>Command and Control/Optimization/Modeling and Simulation</i>	
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2013	FY 2014	FY 2015
<p>transportation solutions satisfying customer requirements in a "capabilities-based" application environment (previously project 2). Continued effort to integrate research in planning, environment monitoring, explanation, goal generation, and goal management to reason about what goals to pursue in response to unexpected events in DoD Terminal Operations (previously project 2). Continued effort to integrate basic web mapping capabilities with high end analytic services (previously project 6). Continued application of semantic technologies within the JDDE for data validation and correction (previously project 2). Completed modeling tool to enhance optimization of scheduling and movement of forces and sustainment from origins through Ports of Embarkation, en route locations, Ports of Debarkation, and theater distribution nodes to ultimate destinations in support of Combatant Command (CCMD) Plans (previously project 5). Completed effort that permits Military Sealift Command assets to provide data to multinational and multi-service forces protecting global commerce (previously project 7).</p> <p>FY 2014 Plans:</p> <p>Continue effort to provide a browser-based tool to capture user feedback/expertise/learning preferences and domain knowledge over time. Continue effort to increase shared awareness, operational agility and optimize the use of the active duty air refueling (AR) fleet, during the short notice planning process, from a worldwide/fleet-wide perspective, as well as providing the ability to plan, if desired, using allied/coalition/international AR aircraft to refuel DoD aircraft. Begin to create robust modeling solutions in the face of uncertainty, provide the capability to model detailed enhanced business rules without major "surgery" or software development, and provide the ability to utilize sub-network modeling to streamline the modeling and analysis process. Continue development and spiral transition of collaboration & situational awareness technologies to provide dynamic planning and course of action development/execution capabilities. Continue partnership with Air Force Institute of Technology to develop Modeling and Simulation Decision Support technologies. Continue partnership with Lincoln Labs for information technology system integration and prototype development. Continue application of semantic technologies within the JDDE for data validation and correction. Complete effort to optimized surface transportation solutions satisfying customer requirements in a "capabilities-based" application environment. Complete effort to integrate research in planning, environment monitoring, explanation, goal generation, and goal management to reason about what goals to pursue in response to unexpected events in DoD Terminal Operations. Complete process to determine parts failure/usage patterns and mission type/environment to initiate sustainment support actions. Complete effort to integrate basic web mapping capabilities with high end analytic services.</p> <p>FY 2015 Plans:</p> <p>Begin effort to Improve data quality and accessibility, information security improves accessibility, reliability, availability, integrity aspects of information assurance. Start, at military installation Entry Control Facilities, to identify ways to reduce threat vehicle speeds and mitigate or defeat the threat through design changes. Continue partnership with Air Force Institute of Technology to develop Modeling and Simulation Decision Support technologies. Continue partnership with Lincoln Labs for information technology system integration and prototype development. Continue application of semantic technologies within the JDDE for data validation and correction. Complete effort to increase shared awareness, operational agility and optimize the use of the active duty air refueling (AR) fleet, during the short notice planning process, from a worldwide/fleet-wide perspective, as well as</p>					

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency								Date: March 2014			
Appropriation/Budget Activity 0400 / 3			R-1 Program Element (Number/Name) PE 0603713S / <i>Deployment and Distribution Enterprise Technology</i>			Project (Number/Name) 8 / <i>Command and Control/Optimization/Modeling and Simulation</i>					
B. Accomplishments/Planned Programs (\$ in Millions)								FY 2013	FY 2014	FY 2015	
providing the ability to plan, if desired, using allied/coalition/international AR aircraft to refuel DoD aircraft. Complete development of robust modeling solutions in the face of uncertainty, provide the capability to model detailed enhanced business rules without major "surgery" or software development, and provide the ability to utilize sub-network modeling to streamline the modeling and analysis process. Complete development and spiral transition of collaboration & situational awareness technologies to provide dynamic planning and course of action development/execution capabilities. Complete effort to provide a browser-based tool to capture user feedback/expertise/learning preferences and domain knowledge over time.											
Accomplishments/Planned Programs Subtotals								17.294	21.546	20.909	
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
• PE 0603264S: <i>Agile Transportation for the 21st Century (AT21)</i>	0.553	-	-	-	-	-	-	-	-	Continuing	Continuing
Remarks											
D. Acquisition Strategy N/A											
E. Performance Metrics Project performance metrics are specific to each effort and include measures identified in the metric project plans. Project completions and success are monitored against schedules and deliverables stated in the proposals and statements of work. >80% transition rate of proven technologies to increase force projection and sustainment velocity and enhance effectiveness and efficiency of DOD logistics/supply chain operations.											

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 3					R-1 Program Element (Number/Name) PE 0603713S / <i>Deployment and Distribution Enterprise Technology</i>				Project (Number/Name) 9 / <i>Cyber</i>			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
9: <i>Cyber</i>	-	0.481	0.640	0.996	-	0.996	2.997	3.182	3.214	4.050	Continuing	Continuing
# The FY 2015 OCO Request will be submitted at a later date.												
A. Mission Description and Budget Item Justification												
USTRANSCOM requires mission assurance in a persuasive/dynamic cyber environment. Projects in this area address the following: procedures/technologies which improve cyber surveillance and control of networks across multiple domains; ability to continue critical network operations in contested unclassified and classified network environments; ability to differentiate between valid and unauthorized users; determine and quantify the trustworthiness of hardware/software systems; rapidly analyze & correlate data regarding malicious activities; select/evoke real-time defense actuators; automated reasoning capabilities that address data quality issues that are currently manual, difficult, and time consuming to resolve; and ability to rapidly return to a known/safe operating state.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015	
Title: Cyber									0.481	0.640	0.996	
FY 2013 Accomplishments: Commenced project to develop and deliver a set of services that will enable USTRANSCOM to recognize disruptive events or potential disruptive events, understand their impact, determine a response, and choose and implement the response that best balances addressing the cyber threat while minimizing mission impact.												
FY 2014 Plans: Continue to develop and deliver a set of services that will enable USTRANSCOM to recognize disruptive events or potential disruptive events, understand their impact, determine a response, and choose and implement the response that best balances addressing the cyber threat while minimizing mission impact.												
FY 2015 Plans: Continue to develop and deliver a set of services that will enable USTRANSCOM to recognize disruptive events or potential disruptive events, understand their impact, determine a response, and choose and implement the response that best balances addressing the cyber threat while minimizing mission impact.												
Accomplishments/Planned Programs Subtotals									0.481	0.640	0.996	
C. Other Program Funding Summary (\$ in Millions)												
N/A												
Remarks												

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014
Appropriation/Budget Activity 0400 / 3	R-1 Program Element (Number/Name) PE 0603713S / <i>Deployment and Distribution Enterprise Technology</i>	Project (Number/Name) 9 / <i>Cyber</i>
D. Acquisition Strategy N/A		
E. Performance Metrics Project performance metrics are specific to each effort and include measures identified in the metric project plans. Project completions and success are monitored against schedules and deliverables stated in the proposals and statements of work. >80% transition rate of proven technologies to increase force projection and sustainment velocity and enhance effectiveness and efficiency of DOD logistics/supply chain operations.		

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 3					R-1 Program Element (Number/Name) PE 0603713S / <i>Deployment and Distribution Enterprise Technology</i>				Project (Number/Name) 10 / <i>Global Access</i>			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
10: <i>Global Access</i>	-	8.584	7.319	7.251	-	7.251	8.503	8.662	8.752	9.652	Continuing	Continuing

The FY 2015 OCO Request will be submitted at a later date.

Note

FY06-12 projects 1-3, 5-7 repackaged into new Projects 8 and 10 starting in FY2013 per ASD (R&E) recommendation.

A. Mission Description and Budget Item Justification

DOD requires procedures/technologies targeted at optimizing throughput at the nodes and through the conduits of the deployment and distribution supply chains, from origin to point of use and return to include: inventory/cargo management; materiel handling innovations; improved physical node access (includes aircraft all-weather visual systems); port throughput enhancements; innovative delivery methods (e.g., precision airlift, autonomous re-supply); and cargo/container security. This project addresses required mission support to combatant commanders and other customers of DOD's distribution and transportation systems in the area of deployment/distribution velocity management, manned/unmanned systems to the point of effect, and increased global reach in austere/anti-access environments.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2013	FY 2014	FY 2015
Title: Global Access	8.584	7.319	7.251
FY 2013 Accomplishments: Began effort to remotely access and retrieve containers and vehicles at sea. Continued current efforts improving the accuracy and methods of joint precision airdrop (previously project 7). Started effort that enables lower communication cost (via Wideband Global SATCOM) and flexible en route SATCOM options when Fixed Installed Satellite Antenna (FISA) is unavailable. Continued developing capability to safely air drop supplies directly on populated areas (previously project 7). Continued development of manned and unmanned technologies that delivery cargo/logistics/sustainment to the point of need (Autonomous Technologies for Unmanned Air Systems (ATUAS)) JCTD (previously project 7). Continued effort to investigate effects of chemical agents on aircraft materials and structures. Continue ship-to-shore causeways linkage system to support deployment/sustainment of the warfighter in austere locations and joint logistics over the shore (previously project 7). Access airship/hybrid airship viability through studies and limited technical or operational demonstrations (previously project 7). Completed/transitioned High Speed Container Delivery System (HSCDS) capabilities (previously project 7). Completed development effort for transferring 20 foot containers at sea (previously project 7).			
FY 2014 Plans: Commence effort to study the viability of a motion compensation platform for loading/off-loading commercial container ships at sea. Commence effort to provide a 500-2,000 pound High Altitude Low Opening (HALO) Container Delivery System (CDS). Begin work on a series of technologies that improve the accuracy of precision airdrop, and which can be adapted as appropriate to any of the various systems that DoD agencies are using. Continue effort to remotely access and retrieve containers and			

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014	
Appropriation/Budget Activity 0400 / 3	R-1 Program Element (Number/Name) PE 0603713S / <i>Deployment and Distribution Enterprise Technology</i>	Project (Number/Name) 10 / <i>Global Access</i>	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014
<p>vehicles at sea. Access airship/hybrid airship viability through studies and limited technical or operational demonstrations. Complete effort for a system that decontaminates large frame aircraft. Complete development of manned and unmanned technologies that deliver cargo/logistics/sustainment to the point of need (Autonomous Technologies for Unmanned Air Systems (ATUAS)) JCTD. Complete effort to investigate effects of chemical agents on aircraft materials and structures. Complete developing capability to safely air drop supplies directly on populated areas. Complete ship-to-shore causeways linkage system to support deployment/sustainment of the warfighter in austere locations and joint logistics over the shore. Complete effort that enables lower communication cost (via Wideband Global SATCOM) and flexible en route SATCOM options when Fixed Installed Satellite Antenna (FISA) is unavailable.</p> <p><i>FY 2015 Plans:</i> Development and integration of Large Aircraft Infrared Countermeasures (LAIRCM) Enhanced Situational Awareness (LESA) capability with LAIRCM and the Dynamic Retasking Capability display, and demonstrate the capability. Begin effort to deliver an appliqué system that can be added onto currently fielded Rough Terrain Cargo Handlers to allow a single operator to perform the standard container movement operations quicker, safer, and without need of a safety spotter. Develop and deliver an operational prototype real-time monitoring and display system of local wave/current/wind conditions. Continue effort to provide a 500-2,000 pound High Altitude Low Opening (HALO) Container Delivery System (CDS). Improve capability in the flow of military unit equipment and cargo through ocean ports or austere access sites when Joint Logistics-Over-the-Shore (JLOTS) and/or Seabasing operations are established. Continue work on a series of technologies that improve the accuracy of precision airdrop, and which can be adapted as appropriate to any of the various systems that DoD agencies are using. Access airship/hybrid airship viability through studies and limited technical or operational demonstrations. Complete effort to remotely access and retrieve containers and vehicles at sea.</p>			
Accomplishments/Planned Programs Subtotals		8.584	7.319
C. Other Program Funding Summary (\$ in Millions)			
N/A			
Remarks			
D. Acquisition Strategy			
N/A			
E. Performance Metrics			
Project performance metrics are specific to each effort and include measures identified in the metric project plans. Project completions and success are monitored against schedules and deliverables stated in the proposals and statements of work. >80% transition rate of proven technologies to increase force projection and sustainment velocity and enhance effectiveness and efficiency of DOD logistics/supply chain operations.			

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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Logistics Agency **Date:** March 2014

Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide / BA 3: Advanced Technology Development (ATD)</i>	R-1 Program Element (Number/Name) PE 0603720S / <i>Microelectronics Technology Development and Support (DMEA)</i>
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COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	86.881	56.637	82.700	72.144	-	72.144	69.161	71.702	72.512	73.433	Continuing	Continuing
1: <i>Technology Development</i>	53.689	23.299	47.968	44.946	-	44.946	40.479	41.966	42.437	42.870	Continuing	Continuing
2: <i>Trusted Foundry</i>	33.192	33.338	34.732	27.198	-	27.198	28.682	29.736	30.075	30.563	Continuing	Continuing

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

The Department has found it critical to National Security to maintain an ability to produce legacy microelectronics long after they are available from commercial foundries which move to more advanced technology levels based upon the global market. The Defense Microelectronics Activity (DMEA) uniquely accomplishes this mission for the Department by providing both a trusted and assured supply of microelectronics parts that are no longer available from, or bid by, commercial sources but are essential to combat operations. This is a critical capability in an atmosphere of increasing worldwide supply chain risks with threats to defense microelectronics. The threats include risks, such as, counterfeiting, Trojan horses, unreliability and rapid obsolescence coming from an unpredictable and unsecure supply chain. As fiscal pressures force the Department to maintain its weapon systems longer than originally planned and their extended combat use increases attrition, the need for DMEA's unique capabilities increases.

Microelectronics is a crucial technology and central for all operations within the Department. Yet, as vital as this technology is to Department operations, the defense market represents less than 0.1% share of the total global semiconductor market. The Department frequently requires legacy microelectronics long after commercial foundries have moved on to advanced technology levels. As such, the semiconductor industry does not respond to the Department's unique needs of ultra-low volumes, long availability time frames, or its high-level security concerns. In these cases, DMEA procures a license to produce technologies in-house that are no longer commercially manufactured or are unavailable due to no-bids owing to low volume requirements. These licenses enable DMEA to be the Department's microelectronics supplier of last resort, providing the Department with a long-term, trusted, and assured source.

DMEA provides increasingly rare microelectronics design and fabrication skills to ensure that the Department is provided with systems capable of ensuring technological superiority over potential adversaries. DMEA provides decisive, quick turn solutions for defense, intelligence, special operations, cyber and combat missions as well as microelectronic components that are unobtainable in the commercial market. DMEA's knowledge of varying military requirements across a broad and diverse range of combatant environments and missions—along with its unique technical perspective—allows it to develop, manage and implement novel microelectronic solutions to enhance mission capability. DMEA can then use these cutting-edge technology capabilities and products in the solutions it develops for its military clientele. After many years of performing analogous efforts, the technical experience, mission knowledge, and practical judgment that are gained from preceding efforts are often incorporated into subsequent technology maturation projects. DMEA's capabilities make it a key tool in the intelligent and rapid development and application of advanced technologies to identified military needs.

Working alongside industry, DMEA has created a model partnership that provides this capability for the Department. DMEA's unique flexible foundry supports the Department with a wide variety of integrated circuits using various processes that were developed by commercial manufacturers and which are now assured to remain

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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Logistics Agency **Date:** March 2014

Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide / BA 3: Advanced Technology Development (ATD)	R-1 Program Element (Number/Name) PE 0603720S / Microelectronics Technology Development and Support (DMEA)
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in one location for as long as they are needed. To obtain these processes, DMEA works closely with U.S. semiconductor industry partners to acquire process licenses. These Government-held licenses allow for the transfer to DMEA of industry-developed intellectual property (IP) and the related processes for Department needs. These licenses ensure no commercial conflicts by including industry's right to bid first on resulting production volumes. DMEA always looks to industry first to see if it can provide the required components. If not, only then does DMEA provide the necessary prototypes and low volume production. A critical element required to make this business model work effectively is protection of the industry partners' valuable IP and processes. DMEA is Government owned and operated, providing the structure and confidence that an industry partner's IP is protected from potential competitors. This strategic and cooperative industry partnership approach allows DMEA to use industry-developed IP and processes by acquiring, installing, and applying them toward meeting the immediate and long-term needs of the Department. This unique capability is essential to all major weapon systems, combat operations, and support needs. As such, DMEA serves the Department, other US Agencies, industry and Allied nations.

DMEA assists hundreds of programs every year. DMEA has provided its unique engineering assistance and capabilities to older systems, current systems, and even to programs not yet in the production phase. This includes the F-18 Super Hornet, F-22 Raptor, F-35, RQ-4 Global Hawk, MQ-9 Reaper, AEGIS Advanced Surface Missile System, Advanced Medium-Range Air-to-Air Missile (AMRAAM), Evolved Sea Sparrow Missile (ESSM), among many other programs. DMEA assists the Combatant Commands (COCOMs) including Special Ops, Cyber, Intelligence, and the Radiation-Hard communities.

B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	62.234	82.700	72.144	-	72.144
Current President's Budget	56.637	82.700	72.144	-	72.144
Total Adjustments	-5.597	-	-	-	-
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-1.121	-			
• Sequestration	-5.378	-	-	-	-
• Other Program Adjustment	0.902	-	-	-	-

Change Summary Explanation

Sequestration: -\$5.378M

The Microelectronics Technology Development and Support (MTDS) PE budget decreased in FY2015 due solely to the imposition of sequestration reductions at 13.5%. Reductions were made in both the MTDS Project and the Trusted Foundry Project. The MTDS Project sequestration reductions will delay and complicate the recapitalization and modernization of DMEA's infrastructure. Trusted Foundry Project sequestration reductions will impact the availability of leading edge technologies and other key specialty processes and the line of trusted catalog components, including FPGAs, that are required by DoD programs.

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 3					R-1 Program Element (Number/Name) PE 0603720S / <i>Microelectronics Technology Development and Support (DMEA)</i>				Project (Number/Name) 1 / <i>Technology Development</i>			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
1: <i>Technology Development</i>	53.689	23.299	47.968	44.946	-	44.946	40.479	41.966	42.437	42.870	Continuing	Continuing

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

With the increase in worldwide asymmetrical operations requiring quick turn, ultra-low volumes and complete trust along with the extension of life for the major weapon systems in all Services, DMEA's unique-in-the-world capability has experienced significant growth in utilization over the last six years. Although DMEA's Technology Development budget has remained steady (with a minor economic growth factor) during that time, DMEA's support for the Department has increased 19.5% per annum over the same period. In order to fund these steadily growing requirements, DMEA has delayed or foregone many basic infrastructure updates, scheduled equipment replacements, and the acquisition and implementation of the IP that is needed to continue to support the Department. This increased budget for DMEA Technology Development extends DMEA's current capabilities to meet the increased demand and keep pace with the rapid pace of microelectronic technologies.

The Microelectronics Technology Development and Support funds provide DMEA with the core resources to execute its primary mission of providing an in-house ability to quickly develop and execute appropriate solutions to keep a system operational, elevate the sophistication level or to meet new threats. These solutions include producing high mix, low volume, unique microelectronics that are endemic to military requirements and are not commercially available. These funds provide for the development and support necessary to ensure rapid prototyping, insertion, and support of microelectronics technologies into fielded systems, particularly as the technologies advance. DMEA maintains critical microelectronics design and fabrication skills to ensure that the Department is provided with systems capable of ensuring technological superiority over potential adversaries. DMEA provides an in-house capability to support these strategically important microelectronics technologies within the Department with distinctive resources to meet the Department's requirements across the entire spectrum of technology development, acquisition, and long-term support. This includes producing components to meet the Department's requirements for ultra-low volume, an extended availability timeframe, and a trusted, assured, and secure supply of microelectronics. These funds provide basic infrastructure updates as well as an in-house technical staff of skilled and experienced microelectronics personnel working in state-of-the-practice facilities providing technical and application engineering support for the implementation of advanced microelectronics research technologies from reverse engineering through design, fabrication, test, assembly, integration and installation. These funds also provide for the recapitalization and modernization of aging microelectronic infrastructure, acquisition and implementation of design and test tools, the development of advanced techniques to reverse engineer circuits, the adaptation of tools and processes to detect increasingly sophisticated counterfeit microelectronics in the defense supply chain, the development of trusted field programmable gate arrays (FPGAs), and the extension of the process technologies that are necessary to keep pace with the needs of defense customers as weapon system support requirements migrate toward current state-of-the-art technologies. DMEA's capabilities make it a key resource in the intelligent and rapid application of advanced technologies to add needed performance enhancements in response to the newest asymmetric threats and to modernize aging weapon systems. DMEA designs, develops, and supports vital classified assets for ongoing and time-sensitive specialized intelligence operations and missions of the Department and the Special Operations Commands. DMEA will comply with DoD Strategic Objective 3.5-2D for any demonstration programs at DMEA.

Today's weapon systems experience extended field operations and/or are required to remain in service beyond planned replacements, driving the need for growth in DMEA's unique capabilities. This need, along with the continual contraction of commercial resources, makes DMEA the only available resource allowing these systems to remain operational. As such, DMEA and its capability are considered a National Critical Asset.

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency			Date: March 2014		
Appropriation/Budget Activity 0400 / 3		R-1 Program Element (Number/Name) PE 0603720S / <i>Microelectronics Technology Development and Support (DMEA)</i>		Project (Number/Name) 1 / <i>Technology Development</i>	
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2013	FY 2014	FY 2015
Title: Technology Development Accomplishments/Plans			23.299	47.968	44.946
<p>FY 2013 Accomplishments: DMEA designed, developed, and demonstrated microelectronics concepts, advanced technologies, and applications to solve operational problems. DMEA applied advanced technologies to add performance enhancements in response to the newest asymmetric threats and to modernize aging weapon systems. DMEA accredited 14 new trusted sources and the ARMS foundry provided a contingency means to ensure DoD can acquire critical trusted integrated circuits in a variety of process technologies and geometry node-sizes.</p> <p>FY 2014 Plans: DMEA will continue to design, develop, and demonstrate microelectronics concepts, advanced technologies, and applications to solve operational problems. DMEA will apply advanced technologies to add performance enhancements in response to the newest asymmetric threats and to modernize aging weapon systems. The increased missions seen in the last several years by Combatant Commands (COCOMs) and Special Operations have caused those organizations to dramatically increase their demands for DMEA's unique capability to provide quick technical solutions to immediate operational needs. To meet these increases, DMEA will add capacity and capability by recapitalizing and modernizing aging microelectronic infrastructure, extending and upgrading process IP, developing advanced techniques to reverse engineer circuits, adapting tools and processes to detect increasingly sophisticated counterfeit microelectronics to ensure a secure supply chain, and developing trusted field programmable gate arrays (FPGAs), all to meet quick turn solutions on which COCOMs and Special Operations can rely.</p> <p>FY 2015 Plans: DMEA will continue to design, develop, and demonstrate microelectronics concepts, advanced technologies, and applications to solve operational problems. DMEA will apply advanced technologies to add performance enhancements in response to the newest asymmetric threats and to modernize aging weapon systems. The increased missions seen in the last several years by Combatant Commands (COCOMs) and Special Operations have caused those organizations to dramatically increase their demands for DMEA's unique capability to provide quick technical solutions to immediate operational needs. To meet these increases, DMEA will add capacity and capability by recapitalizing and modernizing aging microelectronic infrastructure, extending and upgrading process IP, developing advanced techniques to reverse engineer circuits, adapting tools and processes to detect increasingly sophisticated counterfeit microelectronics to ensure a secure supply chain, and developing trusted field programmable gate arrays (FPGAs), all to meet quick turn solutions on which COCOMs and Special Operations can rely. However, the proposed annual reductions to DMEA's budget will delay and complicate the recapitalization and modernization of DMEA's infrastructure. DMEA modernization is critical to keep pace with the evolving long-term technical support requirements of DoD's major weapon systems. Delaying modernization will negatively impact DMEA's historically impressive responsiveness and result in troubled weapon systems staying in mission incapable status for prolonged periods of time. The inability of programs to resolve their technical issues "surgically" at DMEA, may force them to adopt higher level solutions at higher cost. Therefore,</p>					

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014	
Appropriation/Budget Activity 0400 / 3	R-1 Program Element (Number/Name) PE 0603720S / <i>Microelectronics Technology Development and Support (DMEA)</i>	Project (Number/Name) 1 / <i>Technology Development</i>	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014
as vital as this DMEA infrastructure is currently, as the overall Department funding is reduced, the capability and responsiveness provided by this organization becomes more essential. These proposed reductions will not only cause the deferral of all further increases in workload, but will likely reduce the ability to provide specialized support to current clients.			
Accomplishments/Planned Programs Subtotals		23.299	44.946
C. Other Program Funding Summary (\$ in Millions) N/A			
Remarks			
D. Acquisition Strategy N/A			
E. Performance Metrics N/A			

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 3					R-1 Program Element (Number/Name) PE 0603720S / Microelectronics Technology Development and Support (DMEA)				Project (Number/Name) 2 / Trusted Foundry			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
2: Trusted Foundry	33.192	33.338	34.732	27.198	-	27.198	28.682	29.736	30.075	30.563	Continuing	Continuing

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

The Department and the National Security Agency (NSA) require uninterrupted access to state-of-the-art design and manufacturing processes to produce custom integrated circuits designed specifically for military purposes. Under DODI 5200.44, Application Specific Integrated Circuits (ASICs) in critical/essential systems need to be procured from Trusted sources in order to avoid tampered or sabotaged parts. Worldwide competition from foreign, state-subsidized manufacturing facilities (foundries) is making fabless semiconductor companies the norm in the U.S. Sophisticated off-shore design and manufacturing facilities with economic incentives of state subsidies have resulted in outsourcing of electronics component and integrated circuit services to offshore facilities. These trends threaten the integrity and worldwide leadership of the U.S. semiconductor industry by eliminating many domestic on-shore suppliers and reducing access to Trusted fabrication sources for advanced technologies. These trends are of acute concern to the defense and intelligence community. Secure communications and cryptographic applications, among other defense applications depend heavily upon high performance semiconductors where a generation of improvement can translate into a significant force multiplier and capability advantage. Important defense technology investments and demonstrations carry size, weight, power, and performance goals that can only be met through the use of the most sophisticated semiconductors.

The Trusted Foundry program provides the Department and NSA with access to the Trusted state-of-the-art microelectronics design and manufacturing capabilities necessary to meet the confidentiality, integrity, availability, performance and delivery needs of their customers. The program also provides the Services with a competitive cadre of accredited Trusted suppliers that can meet the needs of their mission critical/essential systems for Trusted integrated circuit components. The NSA Trusted Access Program Office, has successfully contracted with commercial sources to satisfy their state-of-the-art semiconductor requirements. It is imperative for a wide range of technologies in ongoing and future Department/ and NSA systems that access to Trusted suppliers continues. Most importantly, Trusted Foundry access is absolutely necessary to meet secure communication and cryptographic needs requiring state-of-the-art semiconductor technologies

B. Accomplishments/Planned Programs (\$ in Millions)

Title: Trusted Foundry	FY 2013	FY 2014	FY 2015
	33.338	34.732	27.198
FY 2013 Accomplishments:			
Co-funded with the NSA a new contract to provide Trusted access to state-of-the-art microelectronics technologies for DoD and NSA needs. Continued the development of a capability for the reverse engineering of application-specific integrated circuits (ASICs) and refined methods for improved efficiency, accuracy, and applicability to multiple processes. Enhanced the cadre of trusted suppliers for the critical trusted components and services needed for appropriate defense systems. Enhanced Trusted			

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency			Date: March 2014		
Appropriation/Budget Activity 0400 / 3		R-1 Program Element (Number/Name) PE 0603720S / <i>Microelectronics Technology Development and Support (DMEA)</i>	Project (Number/Name) 2 / <i>Trusted Foundry</i>		
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2013	FY 2014	FY 2015
<p>Foundry products to include key specialty processes requested by DoD programs, such as high voltage, extreme environments, and embedded non-volatile memory. Enhanced trusted design activities to encompass new processing capabilities. Expanded a line of trusted catalog components that can be purchased by Defense contractors.</p> <p>FY 2014 Plans: Continue the development of a capability for the reverse engineering of application-specific integrated circuits (ASICs) and continuously refine the utilized methods for efficiency, accuracy, and applicability to multiple processes. Enhance the cadre of trusted suppliers for the critical trusted components and services needed for appropriate defense systems. Enhance Trusted Foundry products to include newly available leading edge technologies and other key specialty processes required by DoD programs. Enhance trusted design activities to encompass new processing capabilities. Expand a line of trusted catalog components, possibly including Field Programmable Gate Arrays (FPGAs), that can be purchased by Defense contractors. Continue activities that ensure the DoD has Trusted Access to leading edge semiconductor technologies.</p> <p>FY 2015 Plans: Continue the development of a capability for the reverse engineering of application-specific integrated circuits (ASICs) and continuously refine the utilized methods for efficiency, accuracy, and applicability to multiple processes. Enhance the cadre of trusted suppliers for the critical trusted components and services needed for appropriate defense systems. Enhance Trusted Foundry products to include newly available leading edge technologies and other key specialty processes required by DoD programs. Expand a line of trusted catalog components, possibly including FPGAs that can be purchased by Defense contractors. Continue activities that ensure the DoD has Trusted Access to leading edge semiconductor technologies. However, the proposed annual reductions to DMEA’s budget will delay and complicate the availability of leading edge technologies and other key specialty processes and the line of trusted catalog components, including FPGAs, required by DoD programs.</p>					
Accomplishments/Planned Programs Subtotals			33.338	34.732	27.198
C. Other Program Funding Summary (\$ in Millions)					
N/A					
Remarks					
D. Acquisition Strategy					
N/A					
E. Performance Metrics					
N/A					

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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Logistics Agency **Date:** March 2014

Appropriation/Budget Activity
0400: Research, Development, Test & Evaluation, Defense-Wide / BA 5: System Development & Demonstration (SDD)

R-1 Program Element (Number/Name)
PE 0605070S / DoD Enterprise Systems Development and Demonstration

COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	98.364	100.056	25.217	15.326	-	15.326	14.740	11.795	10.609	10.865	Continuing	Continuing
1: Business Enterprise Information Services (BEIS)	3.927	5.740	3.360	0.957	-	0.957	0.905	0.978	0.992	1.016	Continuing	Continuing
2: Defense Business Systems Acquisition (DBSAE) Staff	0.000	-	-	-	-	-	-	-	-	-	Continuing	Continuing
3: Defense Agencies Initiative (DAI)	57.349	59.806	-	-	-	-	-	-	-	-	Continuing	Continuing
4: Defense Information System for Security (DISS)	21.868	22.878	8.469	9.958	-	9.958	9.926	10.572	9.369	9.595	Continuing	Continuing
5: Defense Travel System (DTS)	0.000	-	0.259	0.221	-	0.221	0.209	0.245	0.248	0.254	Continuing	Continuing
6: Virtual Interactive Processing System (VIPS)	12.636	1.975	-	-	-	-	-	-	-	-	Continuing	Continuing
7: Wide Area Work Flow (WAWF)	0.000	-	-	-	-	-	-	-	-	-	Continuing	Continuing
8: Defense Retired and Annuitant Pay System (DRAS)	2.581	4.200	8.229	-	-	-	-	-	-	-	Continuing	Continuing
9: Enterprise Funds Distribution (EFD)	0.003	5.457	4.900	4.190	-	4.190	3.700	-	-	-	Continuing	Continuing

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

The mission of the DoD Enterprise Systems is to coordinate and enable business transformation efforts across the Department of Defense (DoD). The DLA recognizes that DoD's business enterprise must be closer to its warfighting customers than ever before. Joint military requirements drive the need for greater commonality and integration of business and financial operations.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Logistics Agency	Date: March 2014
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Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0605070S / <i>DoD Enterprise Systems Development and Demonstration</i>
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B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	133.104	27.917	14.209	-	14.209
Current President's Budget	100.056	25.217	15.326	-	15.326
Total Adjustments	-33.048	-2.700	1.117	-	1.117
• Congressional General Reductions	-33.048	-2.700			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Secretary of Defense Initiatives	-	-	1.117	-	1.117

Change Summary Explanation

FY 2013 (\$-33.048M) and FY 2014 (\$-2.700) Secretary of Defense Initiatives

The Defense Enterprise Business Systems (DEBS) was addressing not only Sequestration but an overall RDT&E proposed Congressional Reduction. Due to the uncertainty of these issues, investment programs reduced immediate FY2013 and FY2014 execution requirements to those actions needed to prevent breaks in service pending final resolution of the President's budget. The delay in the final approval of the budget also impacted the ability to initiate planned acquisition that have longer contractual lead times. The combined impact of the actions resulted in Defense Agencies Initiative (DAI) delaying the start of mandatory ERP software version migration to Oracle R12 to FY2014 and delaying the deployment to additional Agencies; Defense Retiree and Annuitant Pay System (DRAS2) 2, delayed the prime contract award until FY 2014; Defense Information System for Security (DISS) delayed and down scoped key contract actions needed to fully implement the intent of Section 3001 Public Law 108-458, the Intelligence Reform and Terrorism Prevention Act of 2004 and Homeland Security Presidential Directive 12. Funds that would have supported functional enhancements to the Defense Travel System (DTS), Wide Area Workflow and systematic technology research were diverted to the higher priority programs.

FY 2015 Secretary of Defense Initiatives: \$1.117million - due to additional DEBS program requirements.

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 5					R-1 Program Element (Number/Name) PE 0605070S / DoD Enterprise Systems Development and Demonstration				Project (Number/Name) 1 / Business Enterprise Information Services (BEIS)			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
1: Business Enterprise Information Services (BEIS)	3.927	5.740	3.360	0.957	-	0.957	0.905	0.978	0.992	1.016	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

The BEIS utilized the mature, existing infrastructure of Defense Corporate Database/Defense Corporate Warehouse (DCD/DCW), Defense Departmental Reporting System (DDRS), and Defense Cash Accountability System (DCAS) to provide timely, accurate, and reliable business information from across the DoD to support auditable financial statements as well as provide detailed information visibility for management in support of the Warfighter. The goals of BEIS are to ensure data compliance with Standard Financial Information Structure (SFIS) standards; provide security-defined, enterprise-level access to information for ad hoc management queries; and produce external financial management reports/statements based on standardized data. BEIS provides solutions to these goals by:

- Establishing the authoritative source for SFIS values and providing for standardization by implementing SFIS and United States Standard General Ledger (USSGL) compliant financial reporting capabilities for Audited Financial Statements and Budgetary Reports.
- Providing an enterprise-wide information environment that will serve as the single source for enterprise-wide financial information.
- Serving as the DoD-wide system for Treasury Reporting.

- Providing decision makers with significantly greater access to financial information through data visibility and business intelligence (e.g., Executive Dashboard). The BEIS functional baseline encompasses a family of services organized into six distinct lines of business, four of which have achieved Full Operational Capability (FOC). The remaining two services, Financial Reporting Services and Cash Accountability Reporting Services, will provide DoD enterprise-wide financial visibility and will serve as the centralized financial data source and the single source for enterprise Audited Financial Statements and Budgetary Reports, as well as Treasury Reporting. The BEIS financial management capabilities will be used by the Military Services, Defense Agencies, and the Under Secretary of Defense (Comptroller). These modernization efforts will complete deployment/implementation of BEIS capabilities and will serve the Department Auditability goals and objectives.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Title: Business Enterprise Information Services (BEIS)	5.740	3.360	0.957	-	0.957
FY 2013 Accomplishments: BEIS DDRS Financial Reporting Services: - Continued toward completion of SFIS Compliant Budgetary Reporting for Defense Agencies (i.e., implemented Defense Agency Initiative interface for (Defense Media Activity (DMA), Office of Economic Adjustment (OEA), Defense Advanced Research Projects Agency (DARPA), and Defense Security Service (DSS)), North Atlantic Treaty Organization (NATO), TriCare Management Activity (TMA) Contract Resource Management (CRM), Washington Headquarters Service (WHS) Allotment Accounting System (WAAS) for Department of Defense					

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency				Date: March 2014				
Appropriation/Budget Activity 0400 / 5		R-1 Program Element (Number/Name) PE 0605070S / DoD Enterprise Systems Development and Demonstration		Project (Number/Name) 1 / Business Enterprise Information Services (BEIS)				
B. Accomplishments/Planned Programs (\$ in Millions)				FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Education Activity (DODEA), General Accounting and Finance System - Re-engineered (GAFS-R) 390 Limits, and Automated Financial Statements (AFS) Chief Financial Officer Load and Reconciliation System (CLRS)implementations). - Completed implementation of Defense Agency Unique Process for Government-wide Treasury Account Symbol (GTAS). BEIS DCAS Cash Accountability Reporting Services: - Continued deployment/implementation of PowerBuilder to Web (PB2Web)/PKI Initiative with Deployment 2. FY 2014 Plans: BEIS DDRS Financial Reporting Services: - Implementation of Government Treasury Account Adjusted Trial Balance System (GTAS) - Complete Standard Financial Information Service (SFIS) Compliant Budgetary Reporting for Defense Agencies (Entails Undistributed Cash, State Department, Classified Agencies (to include Masked Interface), Mechanization of Contract Administration Services (MOCAS) Adjustments (ADJ), and Enterprise Business Accountability System (EBAS) – Washington Headquarters Service (WHS)) - Complete TI-97 compilation process BEIS DCAS Cash Accountability Reporting Services: - Complete deployment/implementation of PowerBuilder to Web (PB2Web)/PKI Initiative (i.e., Deployment 3 and 4). FY 2015 Base Plans: BEIS DCAS Cash Accountability Reporting Services: - Implementation of significant system enhancements/modifications required to meet evolving regulatory and/or statutory changes in support of DoD/Treasury fiduciary reporting and/or the DoD Audit Readiness effort.								
Accomplishments/Planned Programs Subtotals				5.740	3.360	0.957	-	0.957
C. Other Program Funding Summary (\$ in Millions)								
N/A								
Remarks								
D. Acquisition Strategy								
BEIS leveraged existing infrastructure in DoD’s investment in DCD/DCW, DDRS, and DCAS. BEIS formally implemented a portfolio management approach to program management that helped to ensure a management strategy was in place to better reallocate assets within the portfolio. BEIS has and will continue to deliver needed								

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014
Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0605070S / <i>DoD Enterprise Systems Development and Demonstration</i>	Project (Number/Name) 1 / <i>Business Enterprise Information Services (BEIS)</i>
<p>capabilities more rapidly and efficiently using a Family of Systems (FoS) concept providing a functional baseline organized into six distinct lines of business: General Ledger Services, Business Integration Services, Reference Data Services, Enterprise Level Business Intelligence Services, Cash Accountability and Reporting Services, and Financial Reporting Services. These services are provided by individual IT systems that collectively, make up the BEIS FoS. The BEIS FoS program is composed of four core systems; Defense Departmental Reporting System (DDRS), Defense Cash Accountability System (DCAS) Enterprise Business Intelligence (EBI), and Defense Corporate Database/Defense Corporate Warehouse (DCD/DCW). Capabilities are being developed incrementally with multiple releases per year to meet the Enterprise Transition Plan milestones provided to Congress. BEIS has achieved FOC for the following system components/services: DCD/DCW, to include General Ledger Services, Business Integration Services, Reference Data Services, and Enterprise Business Intelligence (EBI) and transitioned these to DFAS for operations and sustainment. Based on the list of remaining requirements for BEIS DDRS Financial Reporting Services and BEIS DCAS Cash Accountability and Reporting Services an overall schedule including integrated activities as well as identified products and milestones has been developed. Contracts are competitively awarded to keep costs down. Intra-governmental services are being used where possible for infrastructure support by the Defense Finance and Accounting Service (DFAS) Technical Services Organization and Defense Information Systems Agency (DISA) Information Processing Center.</p> <p><u>E. Performance Metrics</u> N / A</p>		

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014																																
Appropriation/Budget Activity 0400 / 5					R-1 Program Element (Number/Name) PE 0605070S / DoD Enterprise Systems Development and Demonstration				Project (Number/Name) 2 / Defense Business Systems Acquisition (DBSAE) Staff																																	
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost																														
2: Defense Business Systems Acquisition (DBSAE) Staff	-	-	-	-	-	-	-	-	-	-	Continuing	Continuing																														
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-																																
<p># The FY 2015 OCO Request will be submitted at a later date.</p> <p>A. Mission Description and Budget Item Justification The Defense Business Enterprise Systems (DEBS) (formerly Defense Business Systems Acquisition (DBASE) Staff) is a core team of highly qualified individuals charged with supporting the development and maintenance of a portfolio of programs designed to meet the needs of the Department of Defense (DoD). The DEBS mission is to provide cross cutting program executive support and tools to include expert acquisition strategy, advise, oversight, and hands-on assistance to all of the DoD Enterprise Systems. The primary focus is to enhance the consistency of processes enabling streamlined program development and program process auditability; promote excellence and innovation by sharing key skill sets and resources across the portfolios.</p> <p>B. Accomplishments/Planned Programs (\$ in Millions)</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td></td> <td>FY 2013</td> <td>FY 2014</td> <td>FY 2015 Base</td> <td>FY 2015 OCO</td> <td>FY 2015 Total</td> </tr> <tr> <td>Title: DBSAE Staff</td> <td align="center">-</td> <td align="center">-</td> <td align="center">-</td> <td align="center">-</td> <td align="center">-</td> </tr> <tr> <td>FY 2013 Accomplishments: Continue to focus efforts to enhance the consistency of processes, and promote excellence in innovation.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Continue with FISCAM assessment and remediation actions as needed. Complete SSAE 16 assessment preparations.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td align="right">Accomplishments/Planned Programs Subtotals</td> <td align="center">-</td> <td align="center">-</td> <td align="center">-</td> <td align="center">-</td> <td align="center">-</td> </tr> </table> <p>C. Other Program Funding Summary (\$ in Millions) N/A</p> <p>Remarks</p> <p>D. Acquisition Strategy N / A</p> <p>E. Performance Metrics N / A</p>														FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	Title: DBSAE Staff	-	-	-	-	-	FY 2013 Accomplishments: Continue to focus efforts to enhance the consistency of processes, and promote excellence in innovation.						Continue with FISCAM assessment and remediation actions as needed. Complete SSAE 16 assessment preparations.						Accomplishments/Planned Programs Subtotals	-	-	-	-	-
	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total																																					
Title: DBSAE Staff	-	-	-	-	-																																					
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Accomplishments/Planned Programs Subtotals	-	-	-	-	-																																					

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 5					R-1 Program Element (Number/Name) PE 0605070S / DoD Enterprise Systems Development and Demonstration				Project (Number/Name) 3 / Defense Agencies Initiative (DAI)			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
3: Defense Agencies Initiative (DAI)	57.349	59.806	-	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

The DAI mission is to deliver auditable Chief Financial Officer (CFO) Act compliant business environments for Defense Agencies providing accurate, timely, authoritative financial data supporting the DoD goal of standardizing financial management practices improving financial decision support, and supporting audit readiness. Currently, Defense Agencies use more than 10 different non-compliant financial management systems supporting diverse operational functions and the warfighter in decision making and financial reporting. These disparate, non-integrated systems do not meet statutory requirements to produce timely, auditable reports.

The DAI program modernizes the Defense Agencies' financial management processes by streamlining financial management capabilities, addressing financial reporting material weaknesses, and supporting financial statement auditability for the majority of agencies and field activities across the DoD. DAI will support a transformation of budget, finance, and accounting processes across participating defense agencies to help improve the quality of financial information, supporting financial auditability and decision making. The DAI business solution, once implemented, will provide a near real-time, web-based system from a ".mil" environment of integrated business processes that will enable in excess of 84,000 Defense Agency financial managers, program managers, auditors, and Defense Finance and Accounting Service (DFAS) representatives to make sound financial business decisions.

The DAI implementation approach is to deploy a standardized system solution that is consistent with requirements in the Federal Financial Management Improvement Act (FFMIA) and the DoD Business Enterprise Architecture (BEA), while leveraging the out-of-the-box capabilities of the selected Commercial-Off-the-Shelf (COTS) product, Oracle e-Business Suite (EBS), version 11i (R11). DAI implemented an Office of Management and Budget Financial Systems Integration Office (FSIO) qualified COTS financial management business solution with common business processes and data standards. The Program Management Office (PMO) will not develop any objects that are included in core COTS software or services (i.e. vendor data from Federal authoritative source).

DAI supports the Quadrennial Defense Review (QDR) Strategy 5, "Reform the business and support functions of the Defense enterprise". DAI is also aligned to the FY 2012/FY 2013 DOD Strategic Management Plan Business Goal 2: "Strengthen DoD financial management to respond to warfighter needs and sustain public confidence through auditable financial statements". The objective of the Defense Agencies Initiative is to achieve auditable, CFO Act compliant business environments for the Defense Agencies with accurate, timely, authoritative financial data.

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency			Date: March 2014				
Appropriation/Budget Activity 0400 / 5		R-1 Program Element (Number/Name) PE 0605070S / DoD Enterprise Systems Development and Demonstration	Project (Number/Name) 3 / Defense Agencies Initiative (DAI)				
<p>The primary goal is to deploy a standardized system solution to improve overall financial management and comply with BEA, Standard Financial Information Structure (SFIS), and Office of Federal Financial Management (OFFM) requirements. Common business functions within budget execution include the Department's BEA End to End (E2E) business processes: Cost Management; Budget to Report; Procure to Pay; Acquire to Retire (real property lifecycle accounting only); Hire to Retire (Time and Labor reporting only); and Order to Cash. Future capabilities will support Defense Working Capital Fund accounting, Budget Formulation, Grants Financial Management, and Re-Sale Accounting (for Defense Commissary Agency (DeCA)) as well as a Contract Writing capability.</p> <p>DAI is currently implemented at 11 Defense Agencies and the Office of the Under Secretary of Defense, Comptroller, (OUSD(C)) (Time and Labor only) and supporting over 9,200 users. In addition, since Oracle is phasing out maintenance of Oracle EBS, Release 11i, the program is required to migrate to EBS Release 12 (R12). The program office is also responsible for operational sustainment of the system. Funds are required for additional government and contractor support, licenses, maintenance, and hardware to accomplish the remaining capability developments and organizational deployments, complete the R12 upgrade, initiate the annual Statement on Standards for Attestation Engagements (SSAE 16) assertion packages, and sustain the system.</p> <p>The benefits of DAI are:</p> <ul style="list-style-type: none">- Common business processes and data standards;- Access to real-time financial data transactions;- Significantly reduced data reconciliation requirements;- Enhanced analysis and decision support capabilities; Standardized line of accounting with the use of SFIS; and- Use of United States Standard General Ledger (USSGL) Chart of Accounts to resolve DoD material weaknesses and deficiencies. <p>The DAI PMO will provide the R12 Upgrade system integration services that include: acquisition management, project management; blueprinting; design, build, and unit test; developing required Reports, Interfaces, Conversions, Extensions, Forms and Workflows (RICEFW) objects; testing (information assurance, integration, functional, performance, conversion, security, user acceptance, operational); end-user training (train the trainer/change management preparing the users for the cross functional skills and awareness needed to perform well with an integrated enterprise resource planning system); system deployment; conversion; information assurance; sustainment; data service; help desk support; as well as studies and analysis support.</p>							
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Title: Defense Agencies Initiative (DAI)			59.806	-	-	-	-
FY 2013 Accomplishments: FY 2013 Accomplishments:							

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency				Date: March 2014		
Appropriation/Budget Activity 0400 / 5		R-1 Program Element (Number/Name) PE 0605070S / DoD Enterprise Systems Development and Demonstration		Project (Number/Name) 3 / Defense Agencies Initiative (DAI)		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
<p>* DLA Chief Information Officer declared DAI audit ready.</p> <p>* The PMO delivered Release 3.0 full financial capabilities developed during FY 2012 to existing user Agencies as well as DARPA, DSS, OEA, and DMA. The PMO also delivered a Data Services utility to convey Agency financial data from DAI to an Agency repository or data warehouse. This generic service was implemented to populate the DARPA MSS. The PMO also conducted a Continuity of Operations (COOP) test of the system; Successfully sustained integrity during Agency conducted external and internal penetration tests of the system; Conducted a third party led Federal Information Systems Controls Audit Manual (FISCAM) assessment; and Conducted a third party led functional assessment focusing on in-scope Federal Financial Management Improvement Act (FFMIA) requirements.</p> <p>The PMO also:</p> <p>* Created current baseline versions of acquisition and other reviews as an ACAT IA program.</p> <p>* Developed an Oracle EBS R12 upgrade Analyses of Alternatives in concert with the DCMO including performance and sizing requirements and develop a plan of action and milestones to conduct the upgrade.</p> <p>* Performed business process re-engineering in concert with the Agencies that included improving the funds visibility processes, streamlining configuration management, and improving change management.</p> <p>* Identified and tracked new Financial Improvement and Audit Readiness (FIAR) preparatory audit's Notices of Findings in the Federal Information Security Management Act (FISMA), FFMIA and other compliance areas.</p> <p>* Studied DAI configuration changes reflecting the revised BEA 10.0 SFIS in view of the Government-Wide Treasury Account Symbol Adjusted Trial Balance System Requirements.</p> <p>* Developed a DAI portion of the DLA component plan to update the Department of Defense Standard Line of Accounting (SLOA)/Account Classification in accordance with the joint Under Secretary of Defense, Comptroller/ Deputy Chief Management Officer Memo of September 14, 2012. The target date for SLOA implementation (with data stored as discrete data elements) is September 2014. This effort will affect the underlying COTS configuration of the system and several RICEW objects in the current environment.</p> <p>* Conducted:</p> <ul style="list-style-type: none">o Monthly release testing that addresses break fixes including regression.o Business Process Reengineering events;o BEA version 10.0 compliance certification review.o Periodic and automated DAI master data updates leveraging feeds from the authoritative data sources.o Monthly reviews of the DIACAP POA&M to ensure required actions and currency of documentation in Enterprise Mission Assurance Support Service (EMASS) and the Vulnerability Management System (VMS).						

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency				Date: March 2014	
Appropriation/Budget Activity 0400 / 5		R-1 Program Element (Number/Name) PE 0605070S / DoD Enterprise Systems Development and Demonstration		Project (Number/Name) 3 / Defense Agencies Initiative (DAI)	
B. Accomplishments/Planned Programs (\$ in Millions)					
	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
<ul style="list-style-type: none"> o Contract renewal competitions and exercise options on existing contracts. * Oversaw/managed: <ul style="list-style-type: none"> o Resolution of critical software errors and critical statutory/regulatory enhancements that impact operations and incorporate changes identified during BPR and the Audit generated corrective action plans. o Collection and definition of user requirements. o Contractor performance and billing; o Currency of operational and application software currency and security patches; o Currency of system requirements with statutory and regulatory policy with regard to function and data standards; o System configuration (leveraging the best of DLA's Gold Standard for documentation) o All of the databases: production; Test and Development (T&D), training; and COOP at two DECC locations; o Interface communication with existing Federal, DFAS and target Enterprise systems. o Operating system including the internal processes and the operation of several interfaces with external systems leveraging DLA Transaction Services as well as established Federal Enterprise system web services; o User roles and responsibilities at the system level and guide using Agencies at the Component level. * Monitored the operations of the DISA DECCs at Ogden, UT (Production and T&D (including training); and Columbus, OH (COOP). * The PMO leveraged the DECC for infrastructure support and host site related Information Assurance (IA) and internal controls. <p>FY 2014 Plans: See PE 0605080S</p>					
Accomplishments/Planned Programs Subtotals	59.806	-	-	-	-
C. Other Program Funding Summary (\$ in Millions) N/A					
Remarks					
D. Acquisition Strategy DAI is being developed and implemented using an evolutionary/incremental strategy including major annual software releases to accommodate upgrades as required by changes to the Department's BEA including new laws, regulations and policies as governed by its Functional Sponsor and Milestone Decision Authority (MDA). DAI					

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Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0605070S / <i>DoD Enterprise Systems Development and Demonstration</i>	Project (Number/Name) 3 / <i>Defense Agencies Initiative (DAI)</i>
<p>anticipates receiving an Acquisition Decision Memorandum establishing DAI as a MAIS in the DoD Acquisition Lifecycle. The DAI PMO will establish an Acquisition Program Baseline with the Program Executive Officer (PEO) and MDA. The PMO will also prepare for an Acquisition Milestone B review.</p> <p>The PMO is responsible for all aspects of program control and execution. The DAI PMO will use a combination of contract types to support the development of required capabilities. Since the DAI PMO serves as the system integrator, the PMO will use a collaborative team of support contractors that will provide expertise in critical/functional areas. The PMO will re-compete services as they expire. The PMO will seek to increase small business involvement. The PMO does not intend to bundle services or obtain a system integrator.</p> <p>E. Performance Metrics</p> <p>The following performance metrics will be performed on the DAI system:</p> <p>Functionality: Financial system performance. PEO will determine substantial compliance with the annual Investment Review of PMO assertion of compliance with the latest version of the Department's BEA in scope requirements for Defense Financial Management Improvement Guidance (DFMIG) and other laws regulations and policy. Objective: Substantial compliance.</p> <p>Program Conformance to BEA Processes, Data Standards, and Business Rules. The PEO will determine substantial compliance with the annual Investment Review of PMO assertion of compliance with the latest version of the Department's BEA. Objective: Substantial compliance.</p> <p>Net Ready Key Performance Parameter (NR-KPP)</p> <p>Attribute (Att) A - Support net-centric DoD military operations</p> <p>Mission: Transform the budget, finance, and accounting operations of the DoD Agencies to achieve accurate and reliable financial information in support of financial accountability and effective and efficient decision making throughout the Defense Agencies in support of the missions of the warfighter.</p> <p>A.1. Budget to Report (B2R). DAI provides General Ledger, Trial Balance, Budget Execution, and Financial Reporting Capabilities.</p> <p>DAI will measure the percentage of successful attempts to:</p> <ul style="list-style-type: none"> * Generate and transmit Trial Balance Reports. Objective-95%; * Receive budget information from agency-specific systems, to support budget execution. Objective-95%; and * Generate and transmit reports to support period end processing procedures. Objective-95% <p>A.2 Procure to Pay (P2P). DAI provides the capability to Order Materials and Services (Commitments), Record Purchases and Contract Information (Obligations) Pay Bills (Accounts Payable), and Create Ready to Pay File.</p> <p>DAI will measure the percentage of successful attempts to:</p> <ul style="list-style-type: none"> * Exchange contract, obligation, receipt and invoice information with external systems to support procurement processes. Objective-95%; * Receive Purchase Card information from external systems to manage government purchase cards (P-Cards). Objective-95%; * Exchange data across agencies to support intergovernmental Purchase Request (PR) processes. Objective-95%; * Receive travel related data from external systems to support travel financial accounting events. Objective-95%; and 		

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<p>* Exchange miscellaneous payment information with trading partners. Objective-95%.</p> <p>A.3. Order to Cash (O2C). DAI provides the capability to Receive Customer Orders, Record Work Performed on the orders, Bill Customers, and Track Accounts Receivable. DAI will measure the percentage of successful attempts to:</p> <ul style="list-style-type: none"> * Exchange data with external systems to support management of customer orders. Objective-95%; * Exchange receivables data with external systems. Objective-95%; and * Manage exchange collections data with external systems. Objective-95%. <p>A.4. Acquire to Retire (A2R). DAI provides the capability to record Asset Acquisition, Depreciation, and Disposal DAI will measure the percentage of successful attempts to:</p> <ul style="list-style-type: none"> * Receive asset creation information from external systems. Objective-95%; * Accumulate and transmit costs incurred for Capital Assets on Construction in Progress (CIP) and Work in Progress (WIP) projects. Objective-95%; * Generate and transmit property accounting information. Objective-95%; * Receive property maintenance data from external systems. Objective-95%; and * Receive disposal of assets information from external systems. Objective-95%. <p>A.5. Cost Management (formerly Cost Accounting). DAI provides Cost Accounting and Allocation Capabilities DAI will measure the percentage of successful attempts to:</p> <ul style="list-style-type: none"> * Receive Project Budgets from external systems. Objective-95%; and * Receive cost data to support cost collection processes. Objective-95%. <p>A. 6. Hire to Retire (H2R). DAI provides Civilian, Military, and Contractor Time and Labor capabilities DAI will measure the percentage of successful attempts to:</p> <ul style="list-style-type: none"> * Exchange employee and timekeeping information with external systems. Objective-95%; and * Process and send payroll data to external systems. Objective-95%. <p>NR-KPP Att B - Managed in the Network</p> <p>1) Type of Networks that are connected:</p> <ul style="list-style-type: none"> - The DAI application supports multiple Defense Agencies, and thus is accessible from multiple network points. A typical user accesses the application via the web browser from his/her agency specific LAN/WAN and/or local site firewall configurations, traversing through the Non-Classified Internet Protocol Routing Network (NIPRNet) to reach the secure DAI application hosted within the DoD Demilitarized Zone (DMZ) which is controlled and managed by DISA. - The DAI production application is hosted in a DISA DECC environment located in Ogden, UT and is managed by DAI Program Management Office <p>2) MOPs to measure network entrance and management performance:</p>		

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Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0605070S / <i>DoD Enterprise Systems Development and Demonstration</i>	Project (Number/Name) 3 / <i>Defense Agencies Initiative (DAI)</i>
<p>a) Network related (DISA) – as per DISA Catalog of Services</p> <ul style="list-style-type: none"> -Interactive Availability - Portion of network/system controlled by DISA CSD available to the partner during the interactive window -Batch Throughput – Completion rate and delivery by specified time during batch window specified in SLA <p>b) Database related (DAI Program Management Office)</p> <ul style="list-style-type: none"> -System Availability -On Line user system response <p>3) Network Management:</p> <ul style="list-style-type: none"> -The Agency (user) being supported is responsible for the communications infrastructure necessary for leaving their location to connect users to the NIPRNet -DISA is responsible for communications on NIPRNet between the end user and the main DAI environment -DAI Program Management Office is responsible for activities occurring within the application and the Oracle Database <p>4) Systems Management</p> <ul style="list-style-type: none"> -NIPRNet and Infrastructure - Centralized within DISA CSD -DAI System – centralized within DAI Program Management Office <p>5) Network Configuration Parameters – N/A (within the realm of DISA management) DAI will measure the percentage of success for:</p> <ul style="list-style-type: none"> * Supports secure Internet/NIPRNET access to solution. Interactive Availability. Objective-98.5%; * Supports secure Internet/NIPRNET access to solution. Batch Throughput. Objective-95%; * Provides adequate system response and availability to support operations. System Availability. (Condition: 5000 users/hour) Objective-95%; and * Provides adequate system response and availability to support operations. On-line system response. (Condition: 5000 users/hour) Objective-95%. <p>NR-KPP Att C - Effectively Exchange Information.</p> <p>DAI will satisfy all top-level critical Information Exchange Requirements (IERs) with all required DoD Enterprise, DFAS, Defense Agencies, and Federal Systems, as documented in SV-6. There are 47 data exchanges with other systems. The objectives are 100% for accuracy and ten seconds to 1 day for timeliness. Additional details available upon request.</p> <p>Major Performers DISA DECC Ogden, Utah Production Support</p> <p>DISA</p>		

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<p>DECC Columbus, OH Test and Development, and COOP Hosting Support</p> <p>DISA DECC Mechanicsburg, PA Test and Development</p> <p>DISA, Joint Interoperability Test Command (JITC) Indian Head, MD and Fort Huachuca, AZ Test Management and ITT Lead Services, Test tool, Information Exchange/Interfaces, DLA Transaction Services Instance and limited Operational Assessment Support.</p> <p>Northrop Grumman McLean, VA Interface and management oversight</p> <p>DLT Solutions Herndon, VA Application and database management support (FY 2012- 2nd Quarter (Q2) FY 2013)</p> <p>IBM Bethesda, MD Global Model Development-Procure to Pay; Budget to Report; and Order to Cash</p> <p>CACI Inc., Federal Chantilly, VA Global Model Development-Cost Accounting; Time and Labor; Acquire to Retire; and Infrastructure Support (Application and database management support (Q2 FY 2013 and beyond).</p> <p>Computer Sciences Corp Falls Church, VA Global Model Development-Reports, Interfaces, Conversions and Information Assurance</p>		

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 5					R-1 Program Element (Number/Name) PE 0605070S / DoD Enterprise Systems Development and Demonstration				Project (Number/Name) 4 / Defense Information System for Security (DISS)			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
4: Defense Information System for Security (DISS)	21.868	22.878	8.469	9.958	-	9.958	9.926	10.572	9.369	9.595	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

The Defense Information System for Security (DISS) is a family of systems solution that specifically addresses the security clearance and suitability determinations requirements of Section 3001 of Public Law 108-458, the Intelligence Reform and Terrorism Prevention Act of 2004 (IRTPA) which requires 90% of all clearances – whether Top Secret, Secret, or Confidential – to be completed within 60 days, as well as supports Homeland Security Presidential Directive 12 (HSPD-12) compliance across the DOD. The DISS will electronically collect, review, and share relevant data, government-wide, as mandated by the IRPTA and, guided by relevant Executive Orders, Congress, and GAO recommendations, deliver and maintain an appropriately vetted world-class workforce.

As a secure, end-to-end IT system, the DISS will be the authoritative source for the management, storage, and timely dissemination of and access to personnel security, HSPD-12, and suitability information and will accelerate the clearance process, reduce security clearance vulnerabilities, decrease back-end processing timelines, and support simultaneous information sharing within various DOD entities as well as among a number of authorized federal agencies.

The DISS family of systems is comprised of two components: the Case Adjudication Tracking System (CATS) and the Joint Verification System (JVS). Once fully deployed, the DISS family of systems will replace the Joint Personnel Adjudication System, which contains approximately six million active security clearance records and supports over 80,000 users. The DISS has also been designated as the repository for adjudicative results for Suitability and HSPD-12 determinations by the 13 July 2011 USD(I) memo “Storage of Adjudicative Results in the Defense Information System for Security.”

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Title: Defense Information System for Security (DISS)	22.878	8.469	9.958	-	9.958
Description: The DISS (CATS) has been designated as the DoD non-Intelligence Community IT system for case management and adjudications by the 10 April 2009 USD(I) memo “Designation of the DoD Case Management and Adjudication Systems.” Currently, CATS processes over 500,000 cases annually; electronically producing favorable adjudicative decisions for approximately 24% of Secret level cases.					
Further, the 3 May 2012 Deputy Secretary of Defense Memo “DoD Central Adjudication Facilities (CAF) Consolidation” consolidated all DoD Central Adjudication Facilities (CAF) into one consolidated DoD CAF					

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency			Date: March 2014				
Appropriation/Budget Activity 0400 / 5		R-1 Program Element (Number/Name) PE 0605070S / DoD Enterprise Systems Development and Demonstration		Project (Number/Name) 4 / Defense Information System for Security (DISS)			
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
responsible for personnel security adjudicative functions as well as favorable Suitability and HSPD-12 adjudications. The DISS (CATS) is the DOD CAF’s designated IT case management system.							
Achieving the above goals will significantly enhance the operational readiness of the national security community and the Federal government. It will decrease the time required to get an individual through the investigation process. It will strengthen and reinforce reciprocity throughout the federal community by eliminating redundant or incomplete investigations by standardizing adjudicative decisions and by making available to all agencies adjudicative determinations of the Federal government.							
FY 2013 Accomplishments:							
• Received Acquisition Decision Memorandum from the Milestone Decision Authority approving the CATS transition to full deployment and into the sustainment phase.							
• Initiated development of the Case Adjudication Tracking System (CATS) V4.0 electronic processing for the DoD Central Adjudication Facility (CAF) by consolidating all five of the existing CATS applications into a consolidated application that utilizes a single database.							
• Obtained additional hardware required to support the CATS and Joint Verification System (JVS) development efforts for the four environments: pre-production, production, development/test and disaster recovery.							
• Purchased additional DISS software components.							
• Developed the JVS prototype to conduct End-User-Experience-Evaluation (EUEE) workshops to verify and validate JVS requirements.							
• Continued development and testing of Defense Manpower Data Center (DMDC) Enterprise Security and Data Services (SDS).							
• Continued DISS data migration script development and conducted quality reviews of the migration scripts and data.							
• Developed initial DISS common portal functionality.							
• Continued change management/communications outreach efforts, risk management, and schedule management.							
• Initiated the DISS JVS Milestone documentation.							
FY 2014 Plans:							
• Conduct initial analysis and development of the Enterprise Application Integration (EAI) layer.							
• Complete End User Experience Evaluations using simulated DMDC Data Services to test and validate current JVS system and user requirements.							

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency				Date: March 2014		
Appropriation/Budget Activity 0400 / 5		R-1 Program Element (Number/Name) PE 0605070S / DoD Enterprise Systems Development and Demonstration		Project (Number/Name) 4 / Defense Information System for Security (DISS)		
B. Accomplishments/Planned Programs (\$ in Millions)						
		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
<ul style="list-style-type: none"> • Initiate JVS procurement action. • Finalize requirements for HSPD-12 and Suitability. • Complete development of CATS v4 functionality including human adjudication, reporting, and management capabilities • Complete analysis and planning for the CATS physical transfer to the DMDC. • Complete development and test of the DMDC SDS and DISS Data Migration. • Provide support to Insider Threat and Continuous Evaluation communities. • Continue change management/communications outreach, risk management, and schedule management tasks. • Conduct JVS Milestone B review seeking approval of the transition of the JVS to the Engineering Development phase in which the program will refine system requirements, configure the software, build functionality, conduct developmental testing, and plan for operational testing. <p><i>FY 2015 Base Plans:</i></p> <ul style="list-style-type: none"> • Complete development of the CATS Service Desk application. • Continue development and testing of the JVS prototype. • Develop and deploy DISS common portal enhancements. • Initiate Development of JVS Self-Service user module and JVS Service Desk application. • Finalize transfer of the CATS to DMDC. • Complete interface development for EAI. • Complete DMDC Data Migration for DISS. • Integrate JVS with DMDC Enterprise SDS. • Provide support to Insider Threat and Continuous Evaluation communities. • Continue change management/communications outreach, risk management, and schedule management tasks. 						
Accomplishments/Planned Programs Subtotals		22.878	8.469	9.958	-	9.958
C. Other Program Funding Summary (\$ in Millions) N/A						
Remarks						
D. Acquisition Strategy The Defense Information System for Security (DISS) is being fielded as a Family of Systems (FoS) employing an evolutionary acquisition approach by fielding incremental capabilities. The CATS v3 is currently deployed to end users; however the CATS v4 Development will support the consolidated DoD Central Adjudication						

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014
Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0605070S / <i>DoD Enterprise Systems Development and Demonstration</i>	Project (Number/Name) 4 / <i>Defense Information System for Security (DISS)</i>
<p>Facility business processes with a single CATS system. The JVS increment will enter the Business Capability Lifecycle (BCL) at Milestone B, according to the Material Development Decision (MDD) Acquisition Decision Memorandum (ADM) signed by the Milestone Decision Authority on 25 April, 2011.</p> <p>The DISS PMO is responsible for program execution and will employ contract types as directed by the agency contracts policies in order to support the delivery and sustainment of the DISS Capabilities. DISS development contractors employ an agile development methodology to allow for a flexible approach that incorporates user requirements and feedback throughout the development lifecycle while meeting delivery requirements as prescribed by the associated development contract. The Agile development methodology allows for the fielding of incremental capabilities IAW the program's acquisition approach.</p> <p><u>E. Performance Metrics</u> N / A</p>		

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 5					R-1 Program Element (Number/Name) PE 0605070S / DoD Enterprise Systems Development and Demonstration				Project (Number/Name) 5 / Defense Travel System (DTS)			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
5: Defense Travel System (DTS)	-	-	0.259	0.221	-	0.221	0.209	0.245	0.248	0.254	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
A. Mission Description and Budget Item Justification												
The Defense Travel System (DTS) is a fully integrated, electronic, end-to-end financial management system that automates temporary duty travel for the Department of Defense (DoD). DTS meets unique DoD mission, security and financial system requirements within the guidelines of Federal and DoD travel policies and regulations. DTS automates travel authorizations, reservations and arrangements, voucher processing, payment, reconciliation, accountability and archiving. DTS employs Digital Signature and Login/Authentication which requires users to provide a signed response using a valid DoD Public Key Infrastructure (PKI) certificate to gain access to the DTS application. Travel documents created in DTS are digitally signed with the user's PKI certificate to provide a means of identifying the signer, verifying the document's integrity, and enforcing non-repudiation of the signature by the signer.												
DTS is a Major Automated Information System (MAIS), Acquisition Category (ACAT) 1AC program. DTS delivers capability by evolutionary acquisition utilizing incremental development; recognizing up front the need for future capability improvements. DTS has a flexible design so that each increment builds upon its core functionality, dependent on available, mature technology providing increasing capabilities to travelers, travel administrators, and process owners. Full Operational Capability (FOC) was declared in March 2010. Future capability improvements will be implemented as P3I beginning FY 2011.												
B. Accomplishments/Planned Programs (\$ in Millions)												
								FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Title: Defense Travel System (DTS)								-	0.259	0.221	-	0.221
FY 2013 Accomplishments:												
-Continue Program Management and Engineering support to include acquisition compliance reporting, acquisition subject matter expertise, business case analysis, metrics, system analysis, requirements, support, contract execution, contract documentation and test management oversight.												
-Continue "work-off" of development related Software Problem Reports (SPRs)												
-Financial Partner System (FPS) system changes												
- Continue to update Interface Control Documents and Memorandums of Agreement (MOA) and perform Limited User Testing (LUT)												

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency				Date: March 2014		
Appropriation/Budget Activity 0400 / 5		R-1 Program Element (Number/Name) PE 0605070S / DoD Enterprise Systems Development and Demonstration		Project (Number/Name) 5 / Defense Travel System (DTS)		
B. Accomplishments/Planned Programs (\$ in Millions)						
		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
<p>- Continue Program Management and Engineering support to include acquisition compliance reporting, acquisition subject matter expertise, business case analysis, metrics, system analysis, requirements support, contract execution, contract documentation and test management oversight.</p> <p>FY 2014 Plans:</p> <p>-Continue "work-off" of development related Software Problem Reports (SPRs)</p> <p>-Continue Program Management and Engineering support to include acquisition compliance reporting, acquisition subject matter expertise, business case analysis, metrics, system analysis, requirements, support, contract execution, contract documentation and test management oversight.</p> <p>-Simplify User Interface/Usability Enhancements</p> <p>-User functionality enhancements based upon user community requirements</p> <p>-Address system changes if needed in support of DoD Audit Readiness objectives.</p> <p>FY 2015 Base Plans:</p> <p>-Continue "work-off" of development related Software Problem Reports (SPRs)</p> <p>-Continue Program Management and Engineering support to include acquisition compliance reporting, acquisition subject matter expertise, business case analysis, metrics, system analysis, requirements, support, contract execution, contract documentation and test management oversight.</p> <p>-Simplify User Interface/Usability Enhancements</p> <p>-Address system changes if needed in support of DoD Audit Readiness objectives.</p>						
Accomplishments/Planned Programs Subtotals		-	0.259	0.221	-	0.221
C. Other Program Funding Summary (\$ in Millions)						
N/A						
Remarks						
D. Acquisition Strategy						
DTS prime contract will be completed within the coming year and separate contracts will be awarded for hosting and sustainment/development.						
E. Performance Metrics						
N / A						

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 5					R-1 Program Element (Number/Name) PE 0605070S / DoD Enterprise Systems Development and Demonstration				Project (Number/Name) 6 / Virtual Interactive Processing System (VIPS)			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
6: Virtual Interactive Processing System (VIPS)	12.636	1.975	-	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

The Virtual Interactive Processing System (VIPS) was planned to modernize and automate the Information Technology capabilities for qualifying Applicants into the Military Service. VIPS would have been the future accessioning system to be used by the US Military Entrance Processing Command (USMEPCOM) and would have replaced their legacy system, USMEPCOM Integrated Resource System (USMIRS). USMEPCOM serves as the single entry point for determining the physical, aptitude, and conduct qualifications of candidates for enlistment. VIPS would have provided the capability to electronically acquire, process, store, secure, and seamlessly share personnel data across the Accessions Community of Interest. If VIPS had been fully implemented, VIPS would have reduced the cycle time required to induct enlistees to meet the needs of Homeland Defense, reduced the number of visits to the Military Entrance Processing Stations, reduced manual data entry errors, and reduced attrition through better pre-screening practices. GAO reported that better pre-screening practices would have yielded cost savings and cost avoidance of \$83M per year for the VIPS automated elements.

Due to schedule delays and further refinement of the requirements, VIPS entered into a Critical Change state on May 11, 2011. The Department of Defense (DoD) Deputy Chief Management Officer (DCMO) Acquisition Decision Memorandum dated December 7, 2012, cancelled the VIPS program and directed the Defense Logistics Agency (DLA) to conduct a Technical Demonstration (TD) of a Service-Oriented Architecture (SOA) to inform any future acquisition approach to meet existing requirements.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Title: Virtual Interactive Processing System (VIPS)	1.975	-	-	-	-
FY 2013 Accomplishments: In FY 2013 the VIPS PMO acted in accordance with the DCMO directive to conduct a TD of a SOA capability to inform any future acquisition approach to meet existing requirement that was issued in FY2012. Concluded any existing VIPS development efforts as part of a smart shutdown. Additionally, conducted an orderly shutdown of the existing VIPS development efforts. Identified critical deliverables such as hardware, design specifications, instrumentation, modeling tools, etc. for delivery to the Government. In coordination with USMEPCOM the former VIPS PMO established a TD for a Medical Pre-Screen Capability. The TD was initiated in FY2013 and was established to inform an acquisition approach and business case for a					

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency				Date: March 2014	
Appropriation/Budget Activity 0400 / 5		R-1 Program Element (Number/Name) PE 0605070S / DoD Enterprise Systems Development and Demonstration		Project (Number/Name) 6 / Virtual Interactive Processing System (VIPS)	
B. Accomplishments/Planned Programs (\$ in Millions)				FY 2013	FY 2014
future program to meet the existing USMEPCOM accession system requirements. The TD was also established to serve as a risk reduction for a SOA link to the integrated Electronic Health Record (iEHR)program.					
Accomplishments/Planned Programs Subtotals				1.975	-
C. Other Program Funding Summary (\$ in Millions) N/A					
Remarks					
D. Acquisition Strategy Originally the VIPS Program had intended to align with the BCL and had planned to use an incremental approach to satisfy USMEPCOM's requirements. Requirements had been articulated to support the development of the core platform for VIPS as well as capabilities to fully assess a candidate into the military. The revised Increment 1.0 content would have provided sufficient capability to retire the legacy system, USMEPCOM Integrated Resource System (USMIRS) through a series of capability deployments beginning in FY 2014. Future increments would have addressed the full VIPS capabilities necessary to realize the Return on Investment (ROI). Originally the VIPS Increment 1.0 was procured under a single contract, competitively awarded to provide both a core infrastructure and business functions to support the accessions process. The VIPS PMO awarded a single Increment 1.0 contract on September 30, 2010 that would have initially provided for the design of VIPS Increment 1.0 through PDR. The prime contractor sucessfully completed the design, development, and acceptance testing of the ROC prototype. On May 11, 2011, the VIPS PMO entered Critical Change state and the DCMO directive dated December 7, 2012 issued new direction for the program to conduct a TD for a SOA capability. The VIPS PMO has complied with the DCMO directive and is currently working with the prime contractor to satisfy the memo's direction.					
E. Performance Metrics N / A					

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 5					R-1 Program Element (Number/Name) PE 0605070S / DoD Enterprise Systems Development and Demonstration				Project (Number/Name) 7 / Wide Area Work Flow (WAWF)			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
7: Wide Area Work Flow (WAWF)	-	-	-	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
A. Mission Description and Budget Item Justification												
WAWF is the DoD enterprise system for secure electronic submission, acceptance and processing of invoices. It is mandated for use by all DoD Services and Agencies for electronic invoicing by DFAR 252.232-7003. WAWF processes over 86 million transactions worth \$301B per year and saves DoD millions of dollars annually in processing cost and avoided interest (over \$77.6 M in FY10). WAWF brings together the invoice, the receiving report, and the contract from EDA to provide the accounting and entitlement systems with the three-way match needed to authorize payment. WAWF is also the Enterprise data entry point for the Item Unique Identifier (IUID) and Government Furnished Property (GFP) programs, the source of receipt and acceptance data for Service Enterprise Resource Planning Systems (ERP), and is central for the Business Enterprise Architecture (BEA) enterprise solutions for Standard Financial Information Structure (SFIS) and Inter Governmental Transfer (IGT). The benefits to DoD are a single face to industry suppliers, global accessibility of documents, reduced need for re-keying, improved data accuracy, real-time processing, secure transactions with audit capability, and faster processing resulting in reduced interest penalties. For vendors, benefits include the capability to electronically submit invoices, reduction of lost or misplaced documents, and online access to contract payment records.												
B. Accomplishments/Planned Programs (\$ in Millions)								FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Title: Wide Area Work Flow (WAWF)								-	-	-	-	-
FY 2013 Accomplishments: Continue System/Program Testing and Analysis including integration of multiple systems developed for multiple organizations by multiple vendors into the Electronic Commerce Infrastructure. - Continue Joint Interoperability Test Command (JITC) developmental, system/integration, and Operational Acceptance Testing for each version release of WAWF systems.												
FY 2014 Plans: N / A												
Accomplishments/Planned Programs Subtotals								-	-	-	-	-
C. Other Program Funding Summary (\$ in Millions) N/A												

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014
Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0605070S / <i>DoD Enterprise Systems Development and Demonstration</i>	Project (Number/Name) 7 / <i>Wide Area Work Flow (WAWF)</i>
C. Other Program Funding Summary (\$ in Millions) Remarks D. Acquisition Strategy N / A E. Performance Metrics N / A		

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 5					R-1 Program Element (Number/Name) PE 0605070S / DoD Enterprise Systems Development and Demonstration				Project (Number/Name) 8 / Defense Retired and Annuitant Pay System (DRAS)			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
8: Defense Retired and Annuitant Pay System (DRAS)	2.581	4.200	8.229	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

The primary objective of Defense Retired and Annuitant Pay System 2 (DRAS 2) is to establish and maintain a modernized retired military pay accounts. DRAS 2 will replace the current Defense Retiree and Annuitant Systems (DRAS) and selected manual processes with proven state of the market technology using Clinger-Cohen guidance for selection of the solution. Rapid fielding techniques will be used to close business process gaps by delivering incremental capability that provides clear financial benefits. This modernization will allow for the consolidation of disparate DRAS systems and processes, the reduction of system redundancies and inefficiencies, increased customer satisfaction and compliance to Department of Defense (DoD) and federally mandated Information Assurance (IA) requirements. The DRAS2 modernization is in keeping with the DoD Strategic Management Plan for FY2014-2015 goals and the White House CIO Council 2.0 initiatives. In FY2015, DRAS 2 has it's own PE 0605090S separate from the PE referenced in this submission.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Title: Defense Retired and Annuitant Pay System (DRAS)	4.200	8.229	-	-	-
FY 2013 Accomplishments: Continue with the FY 2012 three primary objectives: <ul style="list-style-type: none"> -Establish retired military pay system. -Replace antiquated legacy system. -automate many manually intensive processes. 					
FY 2014 Plans: DRAS2 primary baseline activity will be to ensure the finalized Functional Requirements are received by the Functional Sponsor (DFAS) in an effort to receive a Material Development Decision (MDD) which will allow for the following achievements to be realized: <ul style="list-style-type: none"> -DRAS2 will obtain Final Contract Award on the Integration of services. -DRAS2 will obtain the appropriate COTS software licensing and begin the establishment of hosting and transport services. -DRAS2 will begin Milestone-A activities to include: Cost Estimate, Economic Analysis, and Market Research. 					

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency			Date: March 2014			
Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0605070S / DoD Enterprise Systems Development and Demonstration	Project (Number/Name) 8 / Defense Retired and Annuitant Pay System (DRAS)				
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
-DRAS2 to develop all appropriate artifacts and documentation in alignment with Business Capability Lifecycle (BCL) policy. This includes establishing strategies in the development and submission of all required documents to proceed to Milestone B; Systems Engineering Plan, Configuration Management Plan, Risk Management Plan						
Accomplishments/Planned Programs Subtotals		4.200	8.229	-	-	-
C. Other Program Funding Summary (\$ in Millions) N/A						
Remarks						
D. Acquisition Strategy During FY2014, a System Development Task Order Delivery contract will be established for DRAS2 in order to begin system development activities. Acquisition activities will follow the Business Capabilities Lifecycle (BCL) and system development will be in an incremental approach.						
E. Performance Metrics N / A						

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 5					R-1 Program Element (Number/Name) PE 0605070S / DoD Enterprise Systems Development and Demonstration				Project (Number/Name) 9 / Enterprise Funds Distribution (EFD)			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
9: Enterprise Funds Distribution (EFD)	0.003	5.457	4.900	4.190	-	4.190	3.700	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
A. Mission Description and Budget Item Justification												
Enterprise Funds Distribution (EFD) is a multi-service/multi-agency solution established as a key initiative to provide full visibility of funds distributed through echelon I and II for the Military Departments and at all levels for the Defense Agencies to improve and modernize the OUSD(C) funds distribution process. Funds distribution by its nature is a key enabler of financial visibility within DoD enterprise systems. The concept of a fully visible enterprise funds distribution process serves as a reference where planned and coordinated funds development and execution takes place.												
Within the current DoD environment, progress has been made streamlining a diverse set of stove-piped budget execution and funds distribution processes and systems. Efforts continue to improve the visibility of funding information, eliminate manual efforts and undue complexities to the management of budget authority, and to eliminate impediments in the flow of funding documents. The current environment relies heavily on manual processing and on disconnected standalone systems for the processing of Funding Authorization Documents (FADs) and reprogramming actions. This environment made the implementation of internal controls difficult, negatively impacted the accuracy and timeliness of information while making the processes of integrating and obtaining management information arduous.												
The envisioned operational environment solves these problems by enabling lifecycle program value management in a web-based application utilizing an authoritative database with single-source data entry and automated workflow. Capabilities within this integrated environment will enable the automation of all funds distribution and funds control processes within OUSD(C) using authoritative and highly visible data. Specifically, capabilities include managing apportionments, distributing budget authority to the Military Departments and Defense Agencies, managing rescissions and continuing resolutions, creating and tracking reprogramming actions, and establishing program baselines and budget authority needed to support changes in funding priorities throughout the year.												
The operational environment includes organizational elements down to the echelon II level responsible for managing DoD and Component appropriations operating in an unclassified environment. The web-based application provides pre-planning, apportionment, reprogramming, rescission, continuing resolution, reporting of enterprise-level funds control and distribution of appropriated funding.												
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	
Title: Enterprise Funds Distribution (EFD)							5.457	4.900	4.190	-	4.190	
Description: EFD will distribute funds to the Military Departments and the Defense Agencies.												

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency				Date: March 2014		
Appropriation/Budget Activity 0400 / 5		R-1 Program Element (Number/Name) PE 0605070S / DoD Enterprise Systems Development and Demonstration		Project (Number/Name) 9 / Enterprise Funds Distribution (EFD)		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
<p>FY 2013 Accomplishments:</p> <ul style="list-style-type: none">Commenced development efforts to configure EFD to support lower level funds distribution to the final allotment holder.Commenced work on the technology refresh/upgrade of the COTS Momentum software software from Version 6.4.1 to 7.0.2. This upgrade will provide usability enhancements and efficiencies for the EFD users. <p>FY 2014 Plans: Modernization efforts for FY2014 focus on activities to continue the configuration of the COTS solution to support lower level funds distribution for all Defense Organizations receiving and distributing Defense-Wide funding. Activities planned for FY2014 include:</p> <ul style="list-style-type: none">Add additional distribution levels within EFD to accommodate the Defense OrganizationsContinue to configure the Budget Structure in EFD for the lower level funds distributionConfiguration of detailed reportsDelivery of a standard out-bound interface to Agency ERPs and accounting systemsComplete the Technology Refresh/Upgrade of the COTS Momentum software from Version 6.4.1 to Version 7.0.2Configure USSGL to support deployment of the DoD Standard Line of AccountingConfigure drill-down capability for reportsImprove integration between system modulesImprove usability of the ad-hoc reporting <p>FY 2015 Base Plans:</p>						

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency				Date: March 2014	
Appropriation/Budget Activity 0400 / 5		R-1 Program Element (Number/Name) PE 0605070S / DoD Enterprise Systems Development and Demonstration		Project (Number/Name) 9 / Enterprise Funds Distribution (EFD)	

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
<ul style="list-style-type: none"> System integration and regression testing for the new configuration of the budget structure in EFD for the lower level funds distribution process Extensive training for the users at the Defense Organizations Planned implementation of the first subset of Defense Organizations onto EFD Conversion of Family Housing data into EFD <p>FY 2015 OCO Plans: N/A</p>					
Accomplishments/Planned Programs Subtotals	5.457	4.900	4.190	-	4.190

C. Other Program Funding Summary (\$ in Millions)
N/A

Remarks

D. Acquisition Strategy
The EFD strategy is to use a “single acquisition to full capability,” commercial-off-the-shelf (COTS) solution (Momentum software). The effort needed to ensure EFD is fully implemented for all appropriation data for the Military Services and Defense Organizations has led to a full deployment date of September 2016.

E. Performance Metrics

- For performance, the objective is that 100% of the SFIS elements are SFIS compliant at FD.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Logistics Agency	Date: March 2014
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Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
0400: Research, Development, Test & Evaluation, Defense-Wide / BA 5: System Development & Demonstration (SDD)					PE 0605080S / Defense Agency Initiatives (DAI) - Financial System							
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	0.000	-	46.489	41.465	-	41.465	28.800	25.380	9.950	2.606	Continuing	Continuing
1: Defense Agency Initiatives (DAI) - Financial System	0.000	-	46.489	41.465	-	41.465	28.800	25.380	9.950	2.606	Continuing	Continuing

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

This program supports the Defense Agencies Initiative (DAI), an Acquisition Category I program. Previous funding for DAI was documented in the Defense Enterprise Business Systems program element 0605070S.

The DAI mission is to deliver auditable Chief Financial Officer (CFO) Act compliant business environments for Defense Agencies providing accurate, timely, authoritative financial data supporting the DoD goal of standardizing financial management practices improving financial decision support, and supporting audit readiness. Currently, Defense Agencies use more than 10 different non-compliant financial management systems supporting diverse operational functions and the warfighter in decision making and financial reporting. These disparate, non-integrated systems do not meet statutory requirements to produce timely, auditable reports.

B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	-	51.689	33.345	-	33.345
Current President's Budget	-	46.489	41.465	-	41.465
Total Adjustments	-	-5.200	8.120	-	8.120
• Congressional General Reductions	-	-5.200			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Secretary of Defense Initiatives	-	-	8.120	-	8.120

Change Summary Explanation

FY 2014 Secretary of Defense Initiatives: \$51.689 million - increase due to DAI establishing a new program element in FY2014.

FY2015 Secretary of Defense Initiatives: \$8.120 - increase due to audit readiness.

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 5					R-1 Program Element (Number/Name) PE 0605080S / Defense Agency Initiatives (DAI) - Financial System				Project (Number/Name) 1 / Defense Agency Initiatives (DAI) - Financial System			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
1: Defense Agency Initiatives (DAI) - Financial System	-	-	46.489	41.465	-	41.465	28.800	25.380	9.950	2.606	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

This program is to support the Defense Agencies Initiative (DAI), an Acquisition Category I program. Previous funding for DAI was documented in the Defense Enterprise Business Systems program element 0605070S.

The DAI mission is to deliver auditable Chief Financial Officer (CFO) Act compliant business environments for Defense Agencies providing accurate, timely, authoritative financial data supporting the DoD goal of standardizing financial management practices improving financial decision support, and supporting audit readiness. Currently, Defense Agencies use more than 10 different non-compliant financial management systems supporting diverse operational functions and the warfighter in decision making and financial reporting. These disparate, non-integrated systems do not meet statutory requirements to produce timely, auditable reports.

The DAI program modernizes the Defense Agencies' financial management processes by streamlining financial management capabilities, addressing financial reporting material weaknesses, and supporting financial statement auditability for the majority of agencies and field activities across the DoD. DAI will support a transformation of budget, finance, and accounting processes across participating defense agencies to help improve the quality of financial information, supporting financial auditability and decision making. The DAI business solution, once implemented, will provide a near real-time, web-based system from a ".mil" environment of integrated business processes that will enable in excess of 84,000 Defense Agency financial managers, program managers, auditors, and Defense Finance and Accounting Service (DFAS) representatives to make sound financial business decisions.

The DAI implementation approach is to deploy a standardized system solution that is consistent with requirements in the Federal Financial Management Improvement Act (FFMIA) and the DoD Business Enterprise Architecture (BEA), while leveraging the out-of-the-box capabilities of the selected Commercial-Off-the-Shelf (COTS) product, Oracle e-Business Suite (EBS), version 11i (R11). DAI implemented an Office of Management and Budget Financial Systems Integration Office (FSIO) qualified COTS financial management business solution with common business processes and data standards. The Program Management Office (PMO) will not develop any objects that are included in core COTS software or services (i.e. vendor data from Federal authoritative source).

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014
Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0605080S / <i>Defense Agency Initiatives (DAI) - Financial System</i>	Project (Number/Name) 1 / <i>Defense Agency Initiatives (DAI) - Financial System</i>
<p>DAI supports the Quadrennial Defense Review (QDR) Strategy 5, "Reform the business and support functions of the Defense enterprise". DAI is also aligned to the FY 2012/FY 2013 DOD Strategic Management Plan Business Goal 2: "Strengthen DoD financial management to respond to warfighter needs and sustain public confidence through auditable financial statements". The objective of the Defense Agencies Initiative is to achieve auditable, CFO Act compliant business environments for the Defense Agencies with accurate, timely, authoritative financial data.</p> <p>The primary goal is to deploy a standardized system solution to improve overall financial management and comply with BEA, Standard Financial Information Structure (SFIS), and Office of Federal Financial Management (OFFM) requirements. Common business functions within budget execution include the Department's BEA End to End (E2E) business processes: Cost Management; Budget to Report; Procure to Pay; Acquire to Retire (real property lifecycle accounting only); Hire to Retire (Time and Labor reporting only); and Order to Cash. Future capabilities will support Defense Working Capital Fund accounting, Budget Formulation, Grants Financial Management, and Re-Sale Accounting (for Defense Commissary Agency (DeCA)) as well as a Contract Writing capability.</p> <p>DAI is currently implemented at 11 Defense Agencies and the Office of the Under Secretary of Defense, Comptroller, (OUSD(C)) (Time and Labor only) and supporting over 9,200 users. In addition, since Oracle is phasing out maintenance of Oracle EBS, Release 11i, the program is required to migrate to EBS Release 12 (R12). The program office is also responsible for operational sustainment of the system. Funds are required for additional government and contractor support, licenses, maintenance, and hardware to accomplish the remaining capability developments and organizational deployments, complete the R12 upgrade, initiate the annual Statement on Standards for Attestation Engagements (SSAE 16) assertion packages, and sustain the system.</p> <p>The benefits of DAI are:</p> <ul style="list-style-type: none"> - Common business processes and data standards; - Access to real-time financial data transactions; - Significantly reduced data reconciliation requirements; - Enhanced analysis and decision support capabilities; Standardized line of accounting with the use of SFIS; and - Use of United States Standard General Ledger (USSGL) Chart of Accounts to resolve DoD material weaknesses and deficiencies. <p>The DAI PMO will provide the R12 Upgrade system integration services that include: acquisition management, project management; blueprinting; design, build, and unit test; developing required Reports, Interfaces, Conversions, Extensions, Forms and Workflows (RICEFW) objects; testing (information assurance, integration, functional, performance, conversion, security, user acceptance, operational); end-user training (train the trainer/change management preparing the users for the cross functional skills and awareness needed to perform well with an integrated enterprise resource planning system); system deployment; conversion; information assurance; sustainment; data service; help desk support; as well as studies and analysis support.</p>		

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency				Date: March 2014		
Appropriation/Budget Activity 0400 / 5		R-1 Program Element (Number/Name) PE 0605080S / Defense Agency Initiatives (DAI) - Financial System		Project (Number/Name) 1 / Defense Agency Initiatives (DAI) - Financial System		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Title: Defense Agency Initiatives (DAI) - Financial System		-	46.489	41.465	-	41.465
FY 2013 Accomplishments: N/A						
FY 2014 Plans: In FY 2014, the PMO will do the following. * Upgrade DAI to the Oracle E-Business Suite (EBS) Release 12 (R12) software in a new Test and Development (T&D) environment at the DISA DECC in Mechanicsburg, PA. No new Agencies will be deployed in FY 2014 and existing Agencies will migrate in FY 2015. * Obtain the hardware, software and services necessary to establish a T&D environment at DISA DECC Mechanicsburg, PA for the R12 Upgrade on Sun Solaris. * Identify and track the Statement on Standards for Attestation Engagements No. 16 (SSAE 16) audit's Notices of Finding (NOFs) in the Federal Information Systems Controls Audit Manual (FISCAM), Federal Financial Management Improvement Act (FFMIA) and other compliance areas. * Configure DAI to incorporate changes to the BEA SFIS in view of the Government-Wide Treasury Account Symbol Adjusted Trial Balance System Requirements. * Develop updates to the DAI portion of the DLA component plan to update the Department of Defense Standard Financial Information Structure (SFIS) and Standard Line of Accounting (SLOA)/Account Classification in accordance with the joint Under Secretary of Defense, Comptroller/Deputy Chief Management Officer Memo of September 14, 2012. The target date for SLOA implementation (with data stored as discrete data elements) is September 2014. This effort will affect the underlying COTS configuration of the system and several RICEFW objects in the current environment. * Incorporate additional changes to interfaces as Enterprise systems adopt the SLOA/Account Classification and System for Award Management (SAM) absorbs the functionality of other target Federal Integrated Acquisition Environment Systems. * Develop any material and non-material resolutions to SSAE 16 NOFs and other compliance areas. * Develop the following for Increment 2: * Project Management Process including Project Performance Plan and reporting; * R12 Initial Baseline Review; * PMO R12 Upgrade staffing plan; * R12 Concept of Operations; * Integrated Master Plan (IMP) update; * Integrated Master Schedule (IMS) update;						

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency				Date: March 2014		
Appropriation/Budget Activity 0400 / 5		R-1 Program Element (Number/Name) PE 0605080S / Defense Agency Initiatives (DAI) - Financial System		Project (Number/Name) 1 / Defense Agency Initiatives (DAI) - Financial System		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
<div>* Program Milestone Briefs, Bi-Weekly Status Reports, Quarterly Executive Project Status Briefing; * PMO Risk Management Plan including Issues & Risk Management Process; * Position Papers/Whitepapers; * Monitor efforts by Contractors Quality Assurance Surveillance Plans (QASP); * DAI Internal Controls Guide; * DAI Data Management Plan; * R12 detailed templates – blueprinting & related deliverables with linkage to Business Enterprise Architecture (BEA) version 11, the SLOA and SFIS; * R12 Scenarios, Test Scripts, Regression Testing tool updates, and final status of testing; * R12 Baseline Configuration including functional, technical, and configuration documentation matured, reviewed, and approved in the Configuration Management (CM) tool; * CM plan update; * DISA DECC Hosting Plan including an operating & tested Sandbox/Test & Development Environment in the Hosting Environment; * Application, database and server configuration management process including the instance management process & plan; * Continuity of Operations (COOP) plan to address production in both an R11 production baseline and a new R12 production baseline (at DECC Mechanicsburg) for an extended period; * R12 baseline instance available for use as a demonstration and sandbox; * R12 Global Model Development Strategy and Plan; * R12 Quality Assurance Plan and Materials; * Cybersecurity Plan update; * DIACAP POA&M; * R12 Requirements Management & Traceability Plan (GOLD Requirements Traceability Matrix (RTM) with cross reference to BEA, SFIS, FFMIA, and FISCAM requirements; * Compliance Management Plan and process updates; * Change Management process, plan, & materials updates; * PMO Communications Plan & materials updates; * Workforce Preparation (training) Plan/Strategy updates for the core team, current users and new agency staff including schedules, materials and media; * DAI Lifecycle Sustainment Plan update; * DAI R12 Global Workflows; * DAI R12 EBS Configuration Settings Documents;</div>						

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency				Date: March 2014		
Appropriation/Budget Activity 0400 / 5		R-1 Program Element (Number/Name) PE 0605080S / Defense Agency Initiatives (DAI) - Financial System		Project (Number/Name) 1 / Defense Agency Initiatives (DAI) - Financial System		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
<p>* DAI R12 RICEFW Inventory identifying the existing current R11 and R12 version of the identifying artifact and/ or that the DAI R11 RICEFW object will be retired in the upgrade;</p> <p>* R12 Internal Controls/Segregation of Duties testing;</p> <p>* Overarching test plan (formerly the Test & Evaluation Master Plan (TEMP)) update and other test plans for System Integration Testing (SIT), Information Assurance (IA) Testing, User Acceptance Testing (UAT) and System Acceptance Testing (SAT);</p> <p>* Develop Test Reports;</p> <p>* Develop any R12 Upgrade related documentation for certifications and compliances;</p> <p>* Develop a data conversion plan if the Oracle upgrade tool does not work sufficiently to certify the migrated data from DAI in R11 to DAI in R12; and</p> <p>* R12 Information Support Plan (ISP) update including signed copies of revised user Agency agreements and Interface support agreements;</p> <p>Conduct:</p> <p>•A review or exercise an intrusion test in concert with the Office of the Secretary of Defense staff; •BEA Version 11.0 compliance review; •Section 508 Compliance review; •Production Readiness Review; •In-Service Review; •Preliminary Design Review; •Critical Design Review; •Test Readiness Reviews; and •System Verification Review.</p> <p>Acquire and integrate:</p> <p>•New Oracle EBS modules that are not currently included in DAI in R11; and •Any required third party tools to facilitate the upgrade from R11 to R12.</p> <p>FY 2015 Base Plans:</p> <p>In FY2015, the PMO will:</p> <p>• Conduct Business Process Re-engineering.</p> <p>• Resolve critical software errors and critical statutory/regulatory enhancements that impact operations and incorporate changes identified during BPR and the Audit generated corrective action plans.</p> <p>• Conduct BEA version 12.0 compliance assessment.</p> <p>• Support the DIACAP process maintaining activity to support actions included in the DAA required POA&M resulting in a decision to award an Authority to Operate.</p> <p>• Conduct testing to include: unit testing on developed items; monthly release testing that includes regression; annual release development testing that includes a SIT and UAT; Oracle R12 upgrade developmental testing</p>						

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency			Date: March 2014				
Appropriation/Budget Activity 0400 / 5		R-1 Program Element (Number/Name) PE 0605080S / Defense Agency Initiatives (DAI) - Financial System	Project (Number/Name) 1 / Defense Agency Initiatives (DAI) - Financial System				
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
including a SIT and UAT; as well as an operational test event in conjunction with DOT&E following the annual release at using Defense Agencies. • Develop ability to send/receive the Department’s Purchase Request and Procurement Data Standards (PRDS/ PDS). • Conduct contract renewal competitions and exercise options on existing contracts and monitor contractor performance and billing. • Migrate all existing DAI users and their data to the DAI Increment 2 DAI production baseline in 2Q FY 2015. • Complete migration of some of the October 2016 deploying Defense Agencies users to DAI Time and Labor. • Conduct October 2016 deploying Defense Agencies implementation activities including data conversion. • Conduct development lifecycle for internal controls automation and Treasury Disbursing. • Develop, test and release Electronic Funds Distribution (EFD) to DAI production. • Support the Audit Readiness Office in developing service provider assertion packages supporting the SSAE 16 Service SOC 1 Report and resolve any NOFs pertaining to DAI. • Configure Grants Financial Management capability; • Conduct new Agencies implementation activities including data conversion. • Conduct development lifecycle for internal controls automation and Treasury Disbursing. • Prepare to migrate and stabilize DAI user base during upgrade to Oracle R12. • Monitor the operations of the DISA DECCs at Ogden, UT (Production and T&D to include training); Columbus, OH (COOP) and Mechanicsburg (T&D). The PMO operates database servers, application servers and web servers, leveraging the DECC for infrastructure support and host site related IA and internal controls. DECC services are governed by an annually negotiated SLA. The DAI PMO will use the DECC SSAE 16 SOC 1 Report as the basis for its input for the annual DLA SOC 1 Report that Agencies will use in their audits. DECCs maintain all the operations software and hardware in the suite. • Maintain currency with existing Federal, DFAS and target Enterprise systems including the SAM web services, as SAM assumes the functionality of the Federal Integrated Acquisition Environment (IAE) systems. • Maintain the DAI master data leveraging feeds from the authoritative data sources. • Maintain a sufficient Information Assurance posture and support the DIACAP process maintaining activity to support actions included in the Designated Approval Authority required actions included in the POA&M including maintaining currency of documentation in EMASS and the VMS. This includes maintaining the operational and application software currency and security patches. • Maintain the program’s DODAF views in accordance with DLA guidance and in DLA systems. • Administer all of the databases: production; T&D/training; and COOP. • Maintain the system configuration leveraging the best of DLA’s Gold Standard for documentation.							

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency				Date: March 2014		
Appropriation/Budget Activity 0400 / 5		R-1 Program Element (Number/Name) PE 0605080S / <i>Defense Agency Initiatives (DAI) - Financial System</i>		Project (Number/Name) 1 / <i>Defense Agency Initiatives (DAI) - Financial System</i>		
B. Accomplishments/Planned Programs (\$ in Millions)						
		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
<ul style="list-style-type: none"> • Maintain currency with functional policy with regard to function and data standards. • Maintain the technical side of the system including the internal processes and the operation of several interfaces with external systems leveraging DLA Transaction Services as well as established Federal Enterprise system web services. • Maintain and monitor user roles and responsibilities at the system level and guide using Agencies at the Component level. <p>FY 2015 OCO Plans: N/A</p>						
Accomplishments/Planned Programs Subtotals		-	46.489	41.465	-	41.465
C. Other Program Funding Summary (\$ in Millions) N/A						
Remarks						
D. Acquisition Strategy						
<p>DAI is being developed and implemented using an evolutionary/incremental strategy including major annual software releases to accommodate upgrades as required by changes to the Department's BEA including new laws, regulations and policies as governed by its Functional Sponsor and Milestone Decision Authority (MDA). DAI anticipates receiving an Acquisition Decision Memorandum establishing DAI as a MAIS in the DoD Acquisition Lifecycle. The DAI PMO will establish an Acquisition Program Baseline with the Program Executive Officer (PEO) and MDA. The PMO will also prepare for an Acquisition Milestone B review.</p> <p>The PMO is responsible for all aspects of program control and execution. The DAI PMO will use a combination of contract types to support the development of required capabilities. Since the DAI PMO serves as the system integrator, the PMO will use a collaborative team of support contractors that will provide expertise in critical/functional areas. The PMO will re-compete services as they expire. The PMO will seek to increase small business involvement. The PMO does not intend to bundle services or obtain a system integrator.</p>						
E. Performance Metrics						
<p>The following performance metrics will be performed on the DAI system:</p> <p>Functionality: Financial system performance. PEO will determine substantial compliance with the annual Investment Review of PMO assertion of compliance with the latest version of the Department's BEA in scope requirements for Defense Financial Management Improvement Guidance (DFMIG) and other laws regulations and policy. Objective: Substantial compliance.</p>						

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014
Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0605080S / <i>Defense Agency Initiatives (DAI) - Financial System</i>	Project (Number/Name) 1 / <i>Defense Agency Initiatives (DAI) - Financial System</i>
<p>Program Conformance to BEA Processes, Data Standards, and Business Rules. The PEO will determine substantial compliance with the annual Investment Review of PMO assertion of compliance with the latest version of the Department's BEA. Objective: Substantial compliance.</p> <p>Net Ready Key Performance Parameter (NR-KPP) Attribute (Att) A - Support net-centric DoD military operations Mission: Transform the budget, finance, and accounting operations of the DoD Agencies to achieve accurate and reliable financial information in support of financial accountability and effective and efficient decision making throughout the Defense Agencies in support of the missions of the warfighter.</p> <p>A.1. Budget to Report (B2R). DAI provides General Ledger, Trial Balance, Budget Execution, and Financial Reporting Capabilities. DAI will measure the percentage of successful attempts to: * Generate and transmit Trial Balance Reports. Objective-95%; * Receive budget information from agency-specific systems, to support budget execution. Objective-95%; and * Generate and transmit reports to support period end processing procedures. Objective-95%</p> <p>A.2 Procure to Pay (P2P). DAI provides the capability to Order Materials and Services (Commitments), Record Purchases and Contract Information (Obligations) Pay Bills (Accounts Payable), and Create Ready to Pay File. DAI will measure the percentage of successful attempts to: * Exchange contract, obligation, receipt and invoice information with external systems to support procurement processes. Objective-95%; * Receive Purchase Card information from external systems to manage government purchase cards (P-Cards). Objective-95%; * Exchange data across agencies to support intergovernmental Purchase Request (PR) processes. Objective-95%; * Receive travel related data from external systems to support travel financial accounting events. Objective-95%; and * Exchange miscellaneous payment information with trading partners. Objective-95%.</p> <p>A.3. Order to Cash (O2C). DAI provides the capability to Receive Customer Orders, Record Work Performed on the orders, Bill Customers, and Track Accounts Receivable. DAI will measure the percentage of successful attempts to: * Exchange data with external systems to support management of customer orders. Objective-95%; * Exchange receivables data with external systems. Objective-95%; and * Manage exchange collections data with external systems. Objective-95%.</p> <p>A.4. Acquire to Retire (A2R). DAI provides the capability to record Asset Acquisition, Depreciation, and Disposal DAI will measure the percentage of successful attempts to: * Receive asset creation information from external systems. Objective-95%; * Accumulate and transmit costs incurred for Capital Assets on Construction in Progress (CIP) and Work in Progress (WIP) projects. Objective-95%; * Generate and transmit property accounting information. Objective-95%;</p>		

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014
Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0605080S / <i>Defense Agency Initiatives (DAI) - Financial System</i>	Project (Number/Name) 1 / <i>Defense Agency Initiatives (DAI) - Financial System</i>
<p>* Receive property maintenance data from external systems. Objective-95%; and</p> <p>* Receive disposal of assets information from external systems. Objective-95%.</p> <p>A.5. Cost Management (formerly Cost Accounting). DAI provides Cost Accounting and Allocation Capabilities DAI will measure the percentage of successful attempts to:</p> <p>* Receive Project Budgets from external systems. Objective-95%; and</p> <p>* Receive cost data to support cost collection processes. Objective-95%.</p> <p>A. 6. Hire to Retire (H2R). DAI provides Civilian, Military, and Contractor Time and Labor capabilities DAI will measure the percentage of successful attempts to:</p> <p>* Exchange employee and timekeeping information with external systems. Objective-95%; and</p> <p>* Process and send payroll data to external systems. Objective-95%.</p> <p>NR-KPP Att B - Managed in the Network</p> <p>1) Type of Networks that are connected:</p> <p>- The DAI application supports multiple Defense Agencies, and thus is accessible from multiple network points. A typical user accesses the application via the web browser from his/her agency specific LAN/WAN and/or local site firewall configurations, traversing through the Non-Classified Internet Protocol Routing Network (NIPRNet) to reach the secure DAI application hosted within the DoD Demilitarized Zone (DMZ) which is controlled and managed by DISA.</p> <p>- The DAI production application is hosted in a DISA DECC environment located in Ogden, UT and is managed by DAI Program Management Office</p> <p>2) MOPs to measure network entrance and management performance:</p> <p>a) Network related (DISA) – as per DISA Catalog of Services</p> <p>-Interactive Availability - Portion of network/system controlled by DISA CSD available to the partner during the interactive window</p> <p>-Batch Throughput – Completion rate and delivery by specified time during batch window specified in SLA</p> <p>b) Database related (DAI Program Management Office)</p> <p>-System Availability</p> <p>-On Line user system response</p> <p>3) Network Management:</p> <p>-The Agency (user) being supported is responsible for the communications infrastructure necessary for leaving their location to connect users to the NIPRNet</p> <p>-DISA is responsible for communications on NIPRNet between the end user and the main DAI environment</p> <p>-DAI Program Management Office is responsible for activities occurring within the application and the Oracle Database</p> <p>4) Systems Management</p>		

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014
Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0605080S / <i>Defense Agency Initiatives (DAI) - Financial System</i>	Project (Number/Name) 1 / <i>Defense Agency Initiatives (DAI) - Financial System</i>
<p>-NIPRNet and Infrastructure - Centralized within DISA CSD</p> <p>-DAI System – centralized within DAI Program Management Office</p> <p>5) Network Configuration Parameters – N/A (within the realm of DISA management) DAI will measure the percentage of success for:</p> <ul style="list-style-type: none"> * Supports secure Internet/NIPRNET access to solution. Interactive Availability. Objective-98.5%; * Supports secure Internet/NIPRNET access to solution. Batch Throughput. Objective-95%; * Provides adequate system response and availability to support operations. System Availability. (Condition: 5000 users/hour) Objective-95%; and * Provides adequate system response and availability to support operations. On-line system response. (Condition: 5000 users/hour) Objective-95%. <p>NR-KPP Att C - Effectively Exchange Information.</p> <p>DAI will satisfy all top-level critical Information Exchange Requirements (IERs) with all required DoD Enterprise, DFAS, Defense Agencies, and Federal Systems, as documented in SV-6. There are 47 data exchanges with other systems. The objectives are 100% for accuracy and ten seconds to 1 day for timeliness. Additional details available upon request.</p> <p>Major Performers</p> <p>DISA</p> <p>DECC Ogden, Utah</p> <p>Production Support</p> <p>DISA</p> <p>DECC Columbus, OH</p> <p>Test and Development, and COOP Hosting Support</p> <p>DISA</p> <p>DECC Mechanicsburg, PA</p> <p>Test and Development</p> <p>DISA, Joint Interoperability Test Command (JITC)</p> <p>Indian Head, MD and Fort Huachuca, AZ</p> <p>Test Management and ITT Lead Services, Test tool, Information Exchange/Interfaces, DLA Transaction Services Instance and limited Operational Assessment Support.</p> <p>Northrop Grumman</p> <p>McLean, VA</p> <p>Interface management and oversight</p>		

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014
Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0605080S / <i>Defense Agency Initiatives (DAI) - Financial System</i>	Project (Number/Name) 1 / <i>Defense Agency Initiatives (DAI) - Financial System</i>
<p>DLT Solutions Herndon, VA Application and database management support (FY 2012- 2nd Quarter (Q2) FY 2013)</p> <p>IBM Bethesda, MD Global Model Development-Procure to Pay; Budget to Report; and Order to Cash</p> <p>CACI Inc., Federal Chantilly, VA Global Model Development-Cost Accounting; Time and Labor; Acquire to Retire; and Infrastructure Support (Application and database management support (Q2 FY 2013 and beyond).</p> <p>Computer Sciences Corp Falls Church, VA Global Model Development-Reports, Interfaces, Conversions and Information Assurance</p>		

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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Logistics Agency **Date:** March 2014

Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide / BA 5: System Development & Demonstration (SDD)	R-1 Program Element (Number/Name) PE 0605090S / Defense Retired and Annuitant Pay System 2 (DRAS)
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COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	-	-	-	10.135	-	10.135	13.116	8.229	3.010	1.749	Continuing	Continuing
1: Defense Retired and Annuitant Pay System 2 (DRAS)	-	-	-	10.135	-	10.135	13.116	8.229	3.010	1.749	Continuing	Continuing

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

The primary objective of Defense Retired and Annuitant Pay System 2 (DRAS 2) is to establish and maintain a modernized retired military pay accounts. DRAS 2 will replace the current Defense Retiree and Annuitant Systems (DRAS) and selected manual processes with proven state of the market technology using Clinger-Cohen guidance for selection of the solution. Rapid fielding techniques will be used to close business process gaps by delivering incremental capability that provides clear financial benefits. This modernization will allow for the consolidation of disparate DRAS systems and processes, the reduction of system redundancies and inefficiencies, increased customer satisfaction and compliance to Department of Defense (DoD) and federally mandated Information Assurance (IA) requirements. The DRAS2 modernization is in keeping with the DoD Strategic Management Plan for FY2014-2015 goals and the White House CIO Council 2.0 initiatives.

B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	-	-	-	-	-
Current President's Budget	-	-	10.135	-	10.135
Total Adjustments	-	-	10.135	-	10.135
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Secretary of Defense Initiative	-	-	10.135	-	10.135

Change Summary Explanation

FY2015 Secretary of Defense Initiative - \$10.135M

The DRAS 2 PE is a new program element in FY2015 therefore there are no significant program changes and the increase is due to the establishment of this PE.

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014																														
Appropriation/Budget Activity 0400 / 5					R-1 Program Element (Number/Name) PE 0605090S / <i>Defense Retired and Annuitant Pay System 2 (DRAS)</i>				Project (Number/Name) 1 / <i>Defense Retired and Annuitant Pay System 2 (DRAS)</i>																															
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost																												
1: <i>Defense Retired and Annuitant Pay System 2 (DRAS)</i>	-	-	-	10.135	-	10.135	13.116	8.229	3.010	1.749	Continuing	Continuing																												
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-																														
<p># The FY 2015 OCO Request will be submitted at a later date.</p> <p>A. Mission Description and Budget Item Justification The primary objective of Defense Retired and Annuitant Pay System 2 (DRAS 2) is to establish and maintain a modernized retired military pay accounts. DRAS 2 will replace the current Defense Retiree and Annuitant Systems (DRAS) and selected manual processes with proven state of the market technology using Clinger-Cohen guidance for selection of the solution. Rapid fielding techniques will be used to close business process gaps by delivering incremental capability that provides clear financial benefits. This modernization will allow for the consolidation of disparate DRAS systems and processes, the reduction of system redundancies and inefficiencies, increased customer satisfaction and compliance to Department of Defense (DoD) and federally mandated Information Assurance (IA) requirements. The DRAS2 modernization is in keeping with the DoD Strategic Management Plan for FY2014-2015 goals and the White House CIO Council 2.0 initiatives.</p> <p>B. Accomplishments/Planned Programs (\$ in Millions)</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td></td> <td align="center">FY 2013</td> <td align="center">FY 2014</td> <td align="center">FY 2015</td> </tr> <tr> <td>Title: Defense Retired and Annuitant Pay System (DRAS) 2</td> <td align="center">-</td> <td align="center">-</td> <td align="center">10.135</td> </tr> <tr> <td colspan="4">FY 2015 Plans:</td> </tr> <tr> <td>-DRAS2 will issue a Task Order for Requirements Analysis, Gap Analysis, Data Management and Initial Design</td> <td></td> <td></td> <td></td> </tr> <tr> <td>-DRAS2 will obtain the appropriate COTS software licensing and begin the establishment of hosting and transport services</td> <td></td> <td></td> <td></td> </tr> <tr> <td>-DRAS2 will begin initial Information Assurance (Cybersecurity) activities and system architecture development.</td> <td></td> <td></td> <td></td> </tr> <tr> <td align="right">Accomplishments/Planned Programs Subtotals</td> <td align="center">-</td> <td align="center">-</td> <td align="center">10.135</td> </tr> </table> <p>C. Other Program Funding Summary (\$ in Millions) N/A</p> <p>Remarks</p> <p>D. Acquisition Strategy During FY14, a System Development Task Order Delivery contract will be established for DRAS2 in order to begin system development activities. Acquisition activities will follow the Business Capabilities Lifecycle (BCL) and system development will be in an incremental approach.</p>														FY 2013	FY 2014	FY 2015	Title: Defense Retired and Annuitant Pay System (DRAS) 2	-	-	10.135	FY 2015 Plans:				-DRAS2 will issue a Task Order for Requirements Analysis, Gap Analysis, Data Management and Initial Design				-DRAS2 will obtain the appropriate COTS software licensing and begin the establishment of hosting and transport services				-DRAS2 will begin initial Information Assurance (Cybersecurity) activities and system architecture development.				Accomplishments/Planned Programs Subtotals	-	-	10.135
	FY 2013	FY 2014	FY 2015																																					
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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014
Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0605090S / <i>Defense Retired and Annuitant Pay System 2 (DRAS)</i>	Project (Number/Name) 1 / <i>Defense Retired and Annuitant Pay System 2 (DRAS)</i>
<u>E. Performance Metrics</u> N/A		

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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Logistics Agency **Date:** March 2014

Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide / BA 6: RDT&E Management Support	R-1 Program Element (Number/Name) PE 0605502S / Small Business Innovative Research (SBIR)
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COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	3.569	2.407	-	-	-	-	-	-	-	-	Continuing	Continuing
1: Small Business Innovative Research (SBIR)	3.569	2.407	-	-	-	-	-	-	-	-	Continuing	Continuing

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

Defense Logistics Agency's (DLA's) ability to deliver Americans the right logistics solution in every transaction requires more than successful management of the Department's wholesale supplies and suppliers. It requires supply chain excellence. Our military's ability to generate and sustain combat readiness indefinitely, anywhere on the globe requires that DLA-managed materiel flow seamlessly and as needed from the nation's industrial base to where it is ultimately used.

DLA's Small Business Innovative Research (SBIR) program seeks to solicit high-risk research and development proposals from the small business community. All selections shall demonstrate and involve a degree of technical risk where the technical feasibility of the proposed work has not been fully established. Phase I proposals should demonstrate the feasibility of the proposed technology and the merit of a Phase II for a prototype or at least a proof-of-concept demonstration. Phase II selections will be strongly influenced on future market possibilities and commercialization potential demonstrated.

B. Program Change Summary (\$ in Millions)	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015 Base</u>	<u>FY 2015 OCO</u>	<u>FY 2015 Total</u>
Previous President's Budget	-	-	-	-	-
Current President's Budget	2.407	-	-	-	-
Total Adjustments	2.407	-	-	-	-
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	2.407	-			

Change Summary Explanation

FY 2013 Generic Logistics Research and Development Technology Demonstrations SBIR Transfer: \$0.182 million

FY 2013 Industrial Preparedness Manufacturing Technology SBIR Transfer: \$0.978 million

FY 2013 Deployment and Distribution Enterprise Technology & AT21 (USTRANSCOM) SBIR Transfer: \$0.126 million

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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Logistics Agency		Date: March 2014
Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide / BA 6: RDT&E Management Support	R-1 Program Element (Number/Name) PE 0605502S / Small Business Innovative Research (SBIR)	
FY 2013 Microelectronics Technology Development and Support (DMEA) SBIR Transfer: \$1.121 million		

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014																						
Appropriation/Budget Activity 0400 / 6					R-1 Program Element (Number/Name) PE 0605502S / <i>Small Business Innovative Research (SBIR)</i>				Project (Number/Name) 1 / <i>Small Business Innovative Research (SBIR)</i>																							
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost																				
1: <i>Small Business Innovative Research (SBIR)</i>	3.569	2.407	-	-	-	-	-	-	-	-	Continuing	Continuing																				
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-																						
<p># The FY 2015 OCO Request will be submitted at a later date.</p> <p>A. Mission Description and Budget Item Justification</p> <p>Defense Logistics Agency's (DLA's) ability to deliver Americans the right logistics solution in every transaction requires more than successful management of the Department's wholesale supplies and suppliers. It requires supply chain excellence. Our military's ability to generate and sustain combat readiness indefinitely, anywhere on the globe requires that DLA-managed materiel flow seamlessly and as needed from the nation's industrial base to where it is ultimately used.</p> <p>DLA's Small Business Innovative Research (SBIR) program seeks to solicit high-risk research and development proposals from the small business community. All selections shall demonstrate and involve a degree of technical risk where the technical feasibility of the proposed work has not been fully established. Phase I proposals should demonstrate the feasibility of the proposed technology and the merit of a Phase II for a prototype or at least a proof-of-concept demonstration. Phase II selections will be strongly influenced on future market possibilities and commercialization potential demonstrated.</p> <p>B. Accomplishments/Planned Programs (\$ in Millions)</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td></td> <td align="center">FY 2013</td> <td align="center">FY 2014</td> <td align="center">FY 2015</td> </tr> <tr> <td>Title: SBIR Accomplishments/Plans</td> <td align="center">2.407</td> <td align="center">-</td> <td align="center">-</td> </tr> <tr> <td colspan="4"> FY 2013 Accomplishments: SBIR continued the execution of active Phase I and Phase II Projects. There were 6 SBIR Phase I proposals selected and executed. Four support the BATTNET MANTECH Program and two support the Forging (PRO-FAST) MANTECH Program. Through the use of Rapid Initiative Funding, DLA SBIR supported two prior SBIR projects into Phase III of the SBIR Process. </td> </tr> <tr> <td colspan="4"> FY 2014 Plans: To continue execution of all active Phase I and Phase II SBIR Projects. Plan to select three new Phase I proposals and 3 new Phase II proposals in FY 14. The SBIR program is plans to include the BATTNET topic in the DOD-wide 2014.2 Broad Agency Announcement. All six phase I projects have the opportunity to compete for Phase II awards in FY2014. </td> </tr> <tr> <td align="right" colspan="2">Accomplishments/Planned Programs Subtotals</td> <td align="center">2.407</td> <td align="center">-</td> </tr> </table> <p>C. Other Program Funding Summary (\$ in Millions)</p> <p>N/A</p> <p>Remarks</p>														FY 2013	FY 2014	FY 2015	Title: SBIR Accomplishments/Plans	2.407	-	-	FY 2013 Accomplishments: SBIR continued the execution of active Phase I and Phase II Projects. There were 6 SBIR Phase I proposals selected and executed. Four support the BATTNET MANTECH Program and two support the Forging (PRO-FAST) MANTECH Program. Through the use of Rapid Initiative Funding, DLA SBIR supported two prior SBIR projects into Phase III of the SBIR Process.				FY 2014 Plans: To continue execution of all active Phase I and Phase II SBIR Projects. Plan to select three new Phase I proposals and 3 new Phase II proposals in FY 14. The SBIR program is plans to include the BATTNET topic in the DOD-wide 2014.2 Broad Agency Announcement. All six phase I projects have the opportunity to compete for Phase II awards in FY2014.				Accomplishments/Planned Programs Subtotals		2.407	-
	FY 2013	FY 2014	FY 2015																													
Title: SBIR Accomplishments/Plans	2.407	-	-																													
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Accomplishments/Planned Programs Subtotals		2.407	-																													

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014
Appropriation/Budget Activity 0400 / 6	R-1 Program Element (Number/Name) PE 0605502S / <i>Small Business Innovative Research (SBIR)</i>	Project (Number/Name) 1 / <i>Small Business Innovative Research (SBIR)</i>
D. Acquisition Strategy Small Business Innovative Research (SBIR).		
E. Performance Metrics N/A.		

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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Logistics Agency **Date:** March 2014

Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide / BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0708011S / Industrial Preparedness Manufacturing Technology (IP ManTech)							
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	43.601	24.191	22.291	22.366	-	22.366	22.729	23.137	23.543	24.197	Continuing	Continuing
1: <i>Combat Rations (CORANET)</i>	3.269	1.735	1.880	1.593	-	1.593	1.621	1.654	1.681	1.739	Continuing	Continuing
2: <i>Customer Driven Uniform Manufacturing (CDUM) (Previously called Apparel Research Network)</i>	7.199	4.032	4.039	3.421	-	3.421	3.481	3.553	3.612	3.735	Continuing	Continuing
3: <i>Procurement Readiness Optimization-Advanced System Technology (PRO-ACT)</i>	4.835	2.447	2.506	2.139	-	2.139	2.176	2.220	2.257	2.333	Continuing	Continuing
4: <i>Procurement Readiness Optimization-Forging Advanced System Technology (PRO-FAST)</i>	2.288	1.172	1.201	1.026	-	1.026	1.043	1.064	1.082	1.119	Continuing	Continuing
5: <i>Material Acquisition Electronics (MAE)</i>	23.341	13.002	10.789	12.185	-	12.185	12.373	12.576	12.804	13.112	Continuing	Continuing
6: <i>Battery Network (BATTNET)</i>	2.669	1.803	1.876	2.002	-	2.002	2.035	2.070	2.107	2.159	Continuing	Continuing

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

The Defense Logistics Agency (DLA) Industrial Preparedness Manufacturing Technology (IP ManTech) Program supports the development of a responsive, world-class manufacturing capability to affordably meet the warfighters' needs throughout the defense system life cycle. IP ManTech: Provides the crucial link between invention and product application to speed technology transitions. Matures and validates emerging manufacturing technologies to support low-risk implementation in industry and Department of Defense (DoD) facilities, e.g. depots and shipyards. Addresses production issues early by providing timely solutions. Reduces risk and positively impacts system affordability by providing solutions to manufacturing problems before they occur.

DLA ManTech includes Combat Rations Network for Technology Implementation (CORANET), Customer Driven Uniform Manufacturing (CDUM), Procurement Readiness Optimization—Advanced Casting Technology (PRO-ACT), Procurement Readiness Optimization—Forging Advance System Technology (PRO-FAST), and Material Acquisition Electronics (MAE) and Battery Network (BATTNET). As well as, Other Congressional Add (OCA) programs that are Congressionally Directed efforts.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Logistics Agency	Date: March 2014
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Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide / BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0708011S / <i>Industrial Preparedness Manufacturing Technology (IP ManTech)</i>
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B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	27.044	24.691	25.021	-	25.021
Current President's Budget	24.191	22.291	22.366	-	22.366
Total Adjustments	-2.853	-2.400	-2.655	-	-2.655
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-2.400			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.067	-			
• SBIR/STTR Transfer	-0.978	-			
• Other Program Changes	-0.036	-	-2.655	-	-2.655
• Sequestration	-1.772	-	-	-	-

Change Summary Explanation

Other Program Changes (Budget Control Act 2011):
FY2015 - \$2.655M

Lower funding will cause a significant disruption and delay for critical DLA Manufacturing Technology projects. Reductions to the Combat Rations Program means microwave technology processing which more efficiently processes combat rations will not be ready for industrial implementation driving up support costs. Reductions to the Customer Driven Uniform Manufacturing means the needed collaboration capability the GAO identified among the Services, DLA and the industrial base not be in place leading to non-conforming products and excess costs. Casting Program reductions will result in cancellation of efforts that lowers costs and improves environmental compliance. Other casting projects' schedules will be extended which will increase DOD costs. The reduction to the forging program means new forging technology will not be implemented in the industrial base causing weapon systems' support costs to increase and readiness levels reduced. Reductions to the Battery Network project means that new battery technology vital to operational forces may not be available in the quantities needed for emergencies at a reasonable cost.

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0708011S / Industrial Preparedness Manufacturing Technology (IP ManTech)				Project (Number/Name) 1 / Combat Rations (CORANET)			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
1: Combat Rations (CORANET)	3.269	1.735	1.880	1.593	-	1.593	1.621	1.654	1.681	1.739	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
A. Mission Description and Budget Item Justification												
In FY 2010, DLA Troop Support Subsistence sold \$4.7 billion in subsistence goods and services to the Department of Defense and other customers. The Rations portion of this business was \$702M in FY 2010. The Combat Rations R&D funding request is .002% of sales. The Combat Rations Program is focused on improving the manufacturing technologies related to the production and distribution of the combat rations that are at the forefront of these operations, including Meals Ready to Eat (MREs) as well as Unitized Group Rations (UGR). The objectives are increased readiness, improved quality, optimum sizing for transportation and storage; and better ration variety. CORANET research efforts also help control the cost of the combat rations. The CORANET program engages all elements of the supply chain including the producers, military Services, Army Natick Soldier Research Development and Engineering Center, United States Department of Agriculture (USDA), US Army Veterinary Command, US Army Public Health Command, DLA Logistics R&D, DLA Troop Support Subsistence and academia to research and transition improved technologies for operational rations.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015	
Title: Combat Rations Accomplishments/Plans									1.735	1.880	1.593	
FY 2013 Accomplishments: Transitioned STPs 3009, Temperature Sensitivity of Frozen Foods; 3012, Knurled Seat Bar Implementation; 3013, Test Methodology Directional Tear; and 3014, Non-destructive Test for Measuring Tray Compressibility. Developed new Short Term Projects for MRE Menu Bag Assembly Line Automation, Process Validation projects for tray pack food, institutional-sized and individual-sized packages using Microwave Assisted Thermal Sterilization (MATS); and energy conservation for manufacturing.												
FY 2014 Plans: Transition STPs 3006, MRE Assembly Improvement: Optimization Model for Packaging; Transition STP 3008, Improved Thermal Processing of Foods Sealed in Polymeric Trays; and 3015, Continuous Retort Processing. STP 3012, Implementation Knurled Heat Seal Bar and Destructive Test Protocol; STP 3013, Test Methodology Directional Tear; STP 3014, Measuring Tray Compressibility during Non-Destructive Seal Strength Test.												

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014	
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0708011S / <i>Industrial Preparedness Manufacturing Technology (IP ManTech)</i>	Project (Number/Name) 1 / <i>Combat Rations (CORANET)</i>	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014
Develop new Short Term Projects for MRE Menu Bag Assembly Line Automation, Process Validation projects for tray pack food, institutional-sized and individual-sized packages using Microwave Assisted Thermal Sterilization (MATS); and focus on energy conservation for manufacturing.			
FY 2015 Plans: Complete Phase II of STP 3015, Continuous Retort Processing. Supply Chain Process Validation and Efficiency Improvement projects, incorporation of new USDA regulations into process improvement or enhancement projects, and evaluate energy reduction project options for reducing manufacturing costs. Develop innovated packaging and packaging methods and reduce production lead times and improve production capacity.			
Accomplishments/Planned Programs Subtotals		1.735	1.880
C. Other Program Funding Summary (\$ in Millions) N/A			
Remarks			
D. Acquisition Strategy N/A			
E. Performance Metrics Performance metrics include improved quality, decreased cost and improved acceptance of military combat rations. The performance objective is to transition 50% of completed projects to the industrial base. Cost benefit analysis is performed on the CORANET portfolio annually.			

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0708011S / Industrial Preparedness Manufacturing Technology (IP ManTech)				Project (Number/Name) 2 / Customer Driven Uniform Manufacturing (CDUM) (Previously called Apparel Research Network)			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
2: Customer Driven Uniform Manufacturing (CDUM) (Previously called Apparel Research Network)	7.199	4.032	4.039	3.421	-	3.421	3.481	3.553	3.612	3.735	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
A. Mission Description and Budget Item Justification												
The Department of Defense, through the Defense Logistics Agency, purchased over \$1.9 billion of clothing and textile items in FY 2012. The lead-time is up to 15 months for these items. The MUST Program will form a community of practice to research and develop knowledge based technologies for a common approach that could be used by the Services, DLA and Industry in the development of item requirements, and production of military uniform and individual equipment items. Starting in FY 15, the MUST program will be initiated. The major focus will be to develop knowledge based capability to access and collaborate on requirements among Services, DLA and Industrial Base. The objective is to reduce the lead time and cost of developing and fielding new combat uniforms and individual equipment.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015	
Title: Customer Driven Uniform Manufacturing Accomplishments/Plans									4.032	4.039	3.421	
FY 2013 Accomplishments:												
• DLA Troop Support Clothing & Textiles continued to implement the CDUM developed Item level RFID technology at the Navy and Army Recruit Training centers through 2014.												
• Item RFID Technology for Government Furnished Material (GFM) successfully completed at and transitioned to Peckham 3PL.												
• GFM Reconciliation Module for audit readiness completed and transitioned to Troop Support Clothing & Textiles.												
FY 2014 Plans:												
CDUM II transition to MUST with the continuation of the TDP project. This new initiative, MUST, addresses gaps in product specifications by exploring a flexible environment that integrates multiple input and output formats to improve management, configuration control and communication between the Government and Defense Industrial Base manufacturers. Technical initiatives include developing a semantic data driven product data environment. Data mining will be adapted to populate the data models. The primary benefit will be a significant reduction in TDP errors and improved data access by the multiple tiers of industrial base.												

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014	
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0708011S / <i>Industrial Preparedness Manufacturing Technology (IP ManTech)</i>	Project (Number/Name) 2 / <i>Customer Driven Uniform Manufacturing (CDUM) (Previously called Apparel Research Network)</i>	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014
The MUST BAA closed in early FY 14. Contract actions are underway and awards to MUST Partners are anticipated by the third quarter of 2014. The MUST Roadmap is being developed.			
FY 2015 Plans: MUST will initiate new projects with MUST Partners as defined by the MUST Roadmap.			
Accomplishments/Planned Programs Subtotals		4.032	4.039
C. Other Program Funding Summary (\$ in Millions) N/A			
Remarks			
D. Acquisition Strategy N/A			
E. Performance Metrics The CDUM program focus is on clothing and individual equipment (CIE). The cost benefit analysis for the RFID initiative has demonstrated improvements in inventory accuracy through reductions in adjustments. Cost benefit analyses are performed on CDUM initiatives on an ongoing basis.			

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0708011S / Industrial Preparedness Manufacturing Technology (IP ManTech)				Project (Number/Name) 3 / Procurement Readiness Optimization- Advanced System Technology (PRO-ACT)			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
3: Procurement Readiness Optimization-Advanced System Technology (PRO-ACT)	4.835	2.447	2.506	2.139	-	2.139	2.176	2.220	2.257	2.333	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

Weapon system spare parts which use castings are responsible for a disproportionate share of backorders. Cast parts are 2% of National Stock Numbered parts but represent 4% of all backorders, and when only the oldest backorders are considered, up to 10% of them are castings. This program develops innovative technologies and processes to improve the procurement, manufacture, and design of weapon system spare parts that use castings. The Procurement Readiness Optimization-Advanced Casting Technology (PRO-ACT) program takes a systems view and considers not only the Defense Logistics Agency (DLA) perspective but also the Military Service Engineering Support Activities (ESA) which DLA works with to solve technical issues, as well as the industrial supply base. The program has three components: Rapid Acquisition, Quality, and Cost Effectiveness.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2013	FY 2014	FY 2015
Title: Procurement Readiness Optimization-Advanced Casting Technology Accomplishments/Plans	2.447	2.506	2.139
FY 2013 Accomplishments: Continued development of the new projects under the three major R&D initiatives for castings: 1) improved castings inspection methods such as Digital Radiography for magnesium & copper based castings; 2) improved casting materials & processes such as rapid tooling & prototyping using on demand melting and lightweight high strength cast alloys process; additive manufacturing of airfoil investment casting cores by ceramic stereolithography; and 3) process modeling for lube-free die casting, steel casting performance and refinement of cast part performance in the presence of discontinuities. Conducted technical review in conjunction with the annual JDMTP Metals Subpanel review of all ManTech projects.			
FY 2014 Plans: Continue work on projects, reviewing progress. Conduct technical review in conjunction with the annual JDMTP Metals Subpanel review of all ManTech projects.			
FY 2015 Plans: Continue work on projects, reviewing progress. Complete work on Ceramic Sterolithography to build Casting cores for jet engine airfoil such as blades and vanes. Conduct technical review in conjunction with the annual JDMTP Metals Subpanel review of all ManTech projects.			
Accomplishments/Planned Programs Subtotals	2.447	2.506	2.139

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0708011S / <i>Industrial Preparedness Manufacturing Technology (IP ManTech)</i>	Project (Number/Name) 3 / <i>Procurement Readiness Optimization-Advanced System Technology (PRO-ACT)</i>
C. Other Program Funding Summary (\$ in Millions) N/A		
Remarks		
D. Acquisition Strategy Awarded two base task order contracts competitively through a Broad Agency Announcement (BAA). Task order contracts for projects have also been awarded.		
E. Performance Metrics This program has a business case that justifies the investment in terms of economic and readiness benefits.		

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0708011S / Industrial Preparedness Manufacturing Technology (IP ManTech)				Project (Number/Name) 4 / Procurement Readiness Optimization- Forging Advanced System Technology (PRO-FAST)			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
4: Procurement Readiness Optimization-Forging Advanced System Technology (PRO-FAST)	2.288	1.172	1.201	1.026	-	1.026	1.043	1.064	1.082	1.119	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
A. Mission Description and Budget Item Justification												
Weapon system spare parts that use forgings are responsible for a disproportionate share of DLA backorders. Forged parts are ~2% of National Stock Numbered parts but represent ~4% of all backorders, and when only the oldest backorders are considered, up to 10% of them are forgings. This program develops methods and technology to improve the supply of forged parts. This program takes a holistic view of the problem and attacks root causes inside DLA, at DLA's engineering support activity partners in the Services, and at DLA forging suppliers. The program has three thrusts: Business Enterprise Integration to improve supply support approaches; FORGE-IT to develop and improve technical problems; and R&D which develops new technology for forging suppliers, including new methods for making forge dies (typically the longest lead time item) and for simulation of metal flow inside the forge die (to eliminate trial and error development of the die).												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015	
Title: Procurement Readiness Optimization-Forging Advanced System Technology Accomplishments/Plans									1.172	1.201	1.026	
FY 2013 Accomplishments: Finalized projects under current initiative, such as software for lean six sigma process improvements at forges; deployed theMaterial Process Optimization software, which is a multi-material, multi-method evaluation tool. Posted new Broad Agency Announcement (BAA) in FedBizOps on August 20, 2013 requesting proposals for new R&D projects for next tasks and projects. Conducted a technical review in conjunction with the annual JDMTP Metals Subpanel review of all ManTech projects.												
FY 2014 Plans: The open Broad Agency Announcement (BAA) requesting proposals for new R&Dprojects closed October 7, 2013. On December 23, 2013 the BAA was re-opened with an Area of Interest added and one deleted. The BAA closed again on February 6, 2014. Will evaluate proposals and award contract(s) for any promising and appropriate projects. Plan to begin work on new projects as soon as they're awarded. Will conduct a technical review in conjunction with the annual JDMTP Metals Subpanel review of all new ManTech projects.												
FY 2015 Plans:												

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014	
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0708011S / <i>Industrial Preparedness Manufacturing Technology (IP ManTech)</i>	Project (Number/Name) 4 / <i>Procurement Readiness Optimization-Forging Advanced System Technology (PRO-FAST)</i>	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014
Continue work on projects, reviewing progress. Conduct technical review in conjunction with the annual JDMTP Metals Subpanel review of all ManTech projects.			
Accomplishments/Planned Programs Subtotals		1.172	1.026
C. Other Program Funding Summary (\$ in Millions) N/A			
Remarks			
D. Acquisition Strategy A Broad Agency Announcement (BAA) is planned.			
E. Performance Metrics This program has a business case which justifies the investment in terms of economic and readiness benefits.			

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0708011S / Industrial Preparedness Manufacturing Technology (IP ManTech)				Project (Number/Name) 5 / Material Acquisition Electronics (MAE)			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
5: Material Acquisition Electronics (MAE)	23.341	13.002	10.789	12.185	-	12.185	12.373	12.576	12.804	13.112	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

Develop a capability to emulate most obsolete digital integrated circuits (ICs) in the Federal catalog using a single, flexible manufacturing line. DoD has estimated \$2.9 billion is spent every five years redesigning circuit card assemblies. Many of these circuit card redesigns are performed to mitigate IC obsolescence. Commercial ICs have short Product Life Cycles (often only 18 months). IC Manufacturers subsequently move on to later generations of ICs, leaving little to no sources for their previous IC products. DoD maintains weapons systems much longer than IC lifecycles, resulting in an obsolescence problem. In order to avoid costs and potential readiness issues associated with buying/carrying excess inventories acquired before commercial availability ceases, or redesigning the next higher assembly to mitigate the obsolete IC, DLA (as the manager of 88% of the IC Federal Stock Class) must have the capability to manufacture needed IC devices.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2013	FY 2014	FY 2015
Title: Material Acquisition Electronics Accomplishments/Plans	13.002	10.789	12.185
FY 2013 Accomplishments: MAE has transitioned additional fully-developed and verified high speed emitter-coupled logic production capability to source critical high demand NSNs lacking supply. MAE continued to formulate device family targets for a Linear Emulation thrust. It continued a 250 nanometer Emulation fabrication process (High Performance (speed) and Density) development providing additional FSC 5962 coverage. It continued 350 nanometer Emulation fabrication process development, bringing new capabilities to the Customers and Agency. It incorporated more advanced Integrated Circuit Characterization tool advancements into the Emulation flow, enabling supply for non-procurables. The tool also provided a value-added capability for our Customers' technical data packages.			
FY 2014 Plans: MAE will continue specific process, design, and test verification developments in its new Linear Emulation thrust, augmenting our span of FSC 5962. MAE will transition additional A flexible NMOS/PMOS Digital Microcircuit Emulation capability into full-scale production increasing DLA's ability to re-establish sourcing of non-procurable microcircuit NSNs. MAE will also transition higher density Read-Only and Random-Access Memory Emulation capability into full-scale production further increasing DLA's ability to re-establish sourcing of non-procurable microcircuit NSNs. The newly transitioned Emulation capabilities will address several discontinued device families and will increase the potential Emulation production envelope by several hundred NSNs. MAE will			

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014	
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0708011S / <i>Industrial Preparedness Manufacturing Technology (IP ManTech)</i>	Project (Number/Name) 5 / <i>Material Acquisition Electronics (MAE)</i>	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014
continue 350 and 250 nanometer Emulation fabrication process development, bringing new capabilities to the Customers and Agency. <i>FY 2015 Plans:</i> MAE will continue specific process, design, and test verification developments in its Linear Emulation thrust. It will continue planning for the specific Emulation technology implementations to support specific device family groups in consonance with Customer and Agency requirements. It will continue prototyping 350 nanometer Emulation circuitry, bringing Emulation capability that re-establishes sources for additional NSNs. It will continue 250 nanometer Emulation fabrication process development providing additional FSC 5962 coverage in its Digital Emulation thrust.			
Accomplishments/Planned Programs Subtotals		13.002	10.789
C. Other Program Funding Summary (\$ in Millions)			
N/A			
Remarks			
D. Acquisition Strategy			
N/A			
E. Performance Metrics			
Transition of one technology implementation (base array) to low-rate initial production or full-scale production.			

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0708011S / Industrial Preparedness Manufacturing Technology (IP ManTech)				Project (Number/Name) 6 / Battery Network (BATNET)			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
6: Battery Network (BATNET)	2.669	1.803	1.876	2.002	-	2.002	2.035	2.070	2.107	2.159	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
A. Mission Description and Budget Item Justification												
BATNET is focused on improving the supply and reducing the cost of procured batteries used in fielded weapon systems, such as communication radios and armored vehicles. Batteries exhibit dynamic challenges for military logistics. BATNET is a community of practice of battery supply chain members, engineering support activities, researchers, and users. BATNET conducts R&D to address sustainment gaps and bridge technical solutions into higher MRLs for specific groups of batteries. For FY2013, DLA received 130,600 orders for 2.76 million batteries at \$177M net value - compared to FY12 \$216M and FY11 \$234M.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015	
Title: BATNET Accomplishments/Plans									1.803	1.876	2.002	
FY 2013 Accomplishments: BATNET developed production capabilities in higher performance Li-CFx soldier batteries with Ultralife (Newark, NY), BCF Solutions (Hollywood, MD) and EaglePicher (Joplin, MO); partnered with IBIF program for advanced military lithium-ion battery production capabilities at Quallion LLC (Sylmar, CA) and Saft America (Cockeysville, MD); started initiatives with US Army to extend lead-acid battery life and conduct lithium-ion battery manufacturing study at Navitas Systems LLC (Woodridge, IL and Ann Arbor, MI); pursued battery manufacturing advances with DLA SBIR projects.												
FY 2014 Plans: BATNET has identified several Short Term Projects: Expanding low cost electrode production capabilities (Eskra Technical Products, Saukville, WI) and innovative manufacturing methods for low cost battery materials. A new BAA will be issued to refresh partnerships.												
FY 2015 Plans: R&D will continue to be performed through identification and awards of new Short Term Projects (STP) with an expected duration of 18-24 months and an average funding of \$200K-\$500K per year. STP proposals are required to include a business case with specific metrics and transition plan for success. BATNET will also pursue additional battery manufacturing advances from successful DLA SBIR projects.												
Accomplishments/Planned Programs Subtotals									1.803	1.876	2.002	
C. Other Program Funding Summary (\$ in Millions)												
N/A												

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0708011S / <i>Industrial Preparedness Manufacturing Technology (IP ManTech)</i>	Project (Number/Name) 6 / <i>Battery Network (BATNET)</i>
C. Other Program Funding Summary (\$ in Millions) Remarks D. Acquisition Strategy <p>The BATNET R&D partners were established by contract September 2009 through a competitive Broad Area Announcement (BAA) allowing for maximum competition. Partner Contracts were based upon proposals that demonstrated knowledge, experience, and expertise in the following areas of interest: Automation, Battery Maintenance, Competition & Contracting Requirements, Diminishing Manufacturing & Supply, Lithium Battery Safety, Reducing Acquisition Costs, Shelf Life, Supply Chain Logistics, Surge/Sustainment, and Technology Transition/Insertion. The BATNET, which includes a Government Steering Group (GSG) of power source technical experts from the military services R&D groups, is informed of general R&D requirements for supply chain improvement. The partners develop among themselves related R&D projects, which are then formally evaluated by the GSG. Selected projects are then chartered within DLA and planned for contract STP awards when funds are available.</p> E. Performance Metrics <p>Each Short Term Project (STP) will have performance metrics appropriate to its scope. Also all STPs will include a business case to demonstrate return on investment, or a readiness case to calculate warfighter impact versus costs.</p>		

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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Logistics Agency	Date: March 2014
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Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide / BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0708012S / <i>Logistics Support Activities (LSA)</i>
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COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	5.250	4.328	4.659	1.574	-	1.574	1.531	1.649	1.587	1.690	Continuing	Continuing
1: <i>Logistics Support Activities (LSA)</i>	5.250	2.678	2.889	-	-	-	-	-	-	-	Continuing	Continuing
2: <i>Pacific Disaster Center</i>	0.000	1.650	1.770	1.574	-	1.574	1.531	1.649	1.587	1.690	Continuing	Continuing

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

The Pacific Disaster Center (PDC) has been in operation since February 1996. The PDC is a public/private partnership managed by the University of Hawaii (UH) under a cooperative agreement with the Department of Defense. It is functionally within the organization of the USD(P), ASD(HD&ASA), and DASD(DCCM). The PDC is a world-recognized authority and leader in science and information technology applications relating to humanitarian assistance and disaster relief (HA/DR).

B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	4.711	4.659	4.710	-	4.710
Current President's Budget	4.328	4.659	1.574	-	1.574
Total Adjustments	-0.383	-	-3.136	-	-3.136
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Program Transfers	-	-	-2.500	-	-2.500
• Sequestration	-0.383	-	-	-	-
• Other Program Changes	-	-	-0.636	-	-0.636

Change Summary Explanation

FY2013 Sequestration: -\$0.383

FY2015 Other Program Changes (Budget Control Act 2011): -\$0.636M

This proposed cuts are cumulative and long-term. RDT&E funds program engineering support and system integration activities. The proposed reduction will slow the current level of operations and delay required system upgrades.

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0708012S / Logistics Support Activities (LSA)				Project (Number/Name) 1 / Logistics Support Activities (LSA)			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
1: Logistics Support Activities (LSA)	5.250	2.678	2.889	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

This program is reported in accordance with Title 10, United States Code, Section 119 (a)(1) in the Special Access Program Annual Report to Congress. The staff cognizance and oversight was transferred to the Defense Logistics Agency (DLA) in 1994. In accordance with DoD Directive 5111.1, Defense Continuity & Crisis Management (DCCM) was established to consolidate continuity-related policy and oversight activities within DoD in order to ensure the Secretary of Defense can perform his mission essential functions under all circumstances. DCCM provides the secretary of Defense policy, plans, crisis management, and oversight of the Department of Defense continuity related program activities. The DCCM's primary mission is to support the continued execution of the Department's mission essential functions across the full spectrum of threats. The threats range from major natural disasters to weapons of mass destruction in major metropolitan areas, as well as large-scale terrorist attacks.

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0708012S / Logistics Support Activities (LSA)				Project (Number/Name) 2 / Pacific Disaster Center			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
2: Pacific Disaster Center	-	1.650	1.770	1.574	-	1.574	1.531	1.649	1.587	1.690	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
A. Mission Description and Budget Item Justification												
The Pacific Disaster Center (PDC) has been in operation since February 1996. The PDC is a public/private partnership managed by the University of Hawaii (UH) under a cooperative agreement with the Department of Defense. It is functionally within the organization of the USD(P), ASD(HD&ASA), and DASD(DCCM). The PDC is a world-recognized authority and leader in science and information technology applications relating to humanitarian assistance and disaster relief (HA/DR). PDC's applications and information products enhance preparedness, situational awareness, and civil-military communications for humanitarian missions worldwide, while its national-level socio-economic Risk and Vulnerability Assessments help inform strategies by measuring indicators for national resiliency using scientific methods.												
The PDC Program Office's (USD(P), ASD(HD&ASA), and DASD(DCCM)) primary responsibility is for management and stewardship of governmental funds provided in Defense Department appropriations for DoD missions associated with DoD CrM, HA/DR, Theater Security Cooperation, and DSCA. In doing this, the Program Office develops and provides policy, oversight and guidance, and jointly develops strategic guidelines, programmatic content and priorities with the UH and PDC. The PDC Program Office also serves as a support element of the Hawaii-based organization especially in the area of gaining Federal agency support and resources, as well as business opportunities.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015	
Title: Pacific Disaster Center (PDC)									1.650	1.770	1.574	
Description: Accept the transfer of the Pacific Disaster Center (PDC) per (OUSD(AT&L direction (OPS-6471-Pacific Disaster Transfer):												
The March 14, 2011 Secretary of Defense memorandum, subject: Track Four Efficiency Initiatives Decisions, directed the Under Secretary of Defense (Policy) (USD(P)) to transfer the Pacific Disaster Center (PDC) function, manpower, and budget resources to the Office of the Under Secretary of Defense (Acquisition, Technology, and Logistics) (OUSD(AT&L)) and the Defense Logistics Agency (DLA).												
Major FY 2013 programmatic and technical accomplishments of the Center include:												
• Enhanced DisasterAWARE disaster monitoring and situational awareness platforms, including DoD's RAPIDS application, operationally used by DoD, DHS/FEMA, USAID/OFDA, and national and international disaster management agencies around the world. Released new web and mobile apps reaching more than 1.3M users.												

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014	
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0708012S / <i>Logistics Support Activities (LSA)</i>	Project (Number/Name) 2 / <i>Pacific Disaster Center</i>	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014
<ul style="list-style-type: none"> Increased coverage, themes, and analytical capabilities of global information services, including automated situational assessment and impact assessments reports. Supported OSD and COCOMs in over 30 major events and exercises, producing hundreds of analytical products, and delivering more than a dozen training programs. Received competitive grants and funding to support DM/DRR projects for USG and other international clients in US, ASEAN and LAC regions. <p>FY 2013 Accomplishments: Accept the transfer of the Pacific Disaster Center (PDC) per (OUSD(AT&L direction (OPS-6471-Pacific Disaster Transfer):</p> <p>The March 14, 2011 Secretary of Defense memorandum, subject: Track Four Efficiency Initiatives Decisions, directed the Under Secretary of Defense (Policy) (USD(P)) to transfer the Pacific Disaster Center (PDC) function, manpower, and budget resources to the Office of the Under Secretary of Defense (Acquisition, Technology, and Logistics) (OUSD(AT&L)) and the Defense Logistics Agency (DLA).</p> <p>FY 2014 Plans: Pacific Disaster Center's (PDC) mission and plan is to continually enhance disaster risk reduction (DRR) concepts and practices through application of science, information and technology for more effective evidence-based decision making. PDC's products and services are used in major disaster response and civil-military humanitarian assistance operations by the US Military and US agencies, state agencies, United Nation agencies, ASEAN, national governments, and International/Non-Governmental Organizations (I/NGO). Many of the Center's services are also available to the public via the internet, social networks, and apps for mobile devices.</p> <p>Emphasis areas in FY 2014 include:</p> <ul style="list-style-type: none"> Improve Situational Awareness and Decision Support Applications, including planned release of internet-based and mobile applications. Expand national socio-economic risks and vulnerability assessment, and resilience indicators. Provide location-based notifications, information, and analytical support to DoD and other HA/DR stakeholder during major disasters in the US and around the globe. Maintain and expand content and capabilities of global information services to increase situational awareness and to address humanitarian relief operational needs. Build capacity in stakeholder agencies through exercise and training, and enhance partnerships with USG agencies, their counterparts in key partner nations, and within I/NGOs to improve outcomes of 			

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Logistics Agency		Date: March 2014	
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0708012S / <i>Logistics Support Activities (LSA)</i>	Project (Number/Name) 2 / <i>Pacific Disaster Center</i>	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014
<p>of HA/DR and related activities.</p> <p>FY 2015 Plans:</p> <p>For the past 18 years, Pacific Disaster Center (PDC) has been at the forefront of improving disaster-reduction decision-support capabilities through the application of science and technology. PDC's products and services enhance foundational and global services supporting civil-military humanitarian assistance operations by the US Military and US agencies, state agencies, United Nation agencies, ASEAN, national governments, and International/Non-Governmental Organizations (I/NGO). Foundational and Global Services include projects supporting development, analysis, and delivery of relevant and actionable information. These activities fall into three categories: Global Information Services; Anticipatory Sciences and Socio-Economic Risk and Vulnerability Assessment; and Decision Support Platforms and Applications.</p> <p>Emphasis areas in FY 2015 include:</p> <ul style="list-style-type: none"> • Implement uniform communication, expanding operational utility of mobile applications • Improve automated damage and needs assessment and other analytical reports • Expand bio/health related monitoring capabilities (in partnership with Navy). • Continue to grow competitive grants and proposals as a mean to grow the center's capabilities, and leverage these new capabilities in support of DoD missions. • Build capacity in stakeholder agencies through exercise and training, and enhance partnerships with USG agencies, their counterparts in key partner nations, and within I/NGOs to improve outcomes of HA/DR and related activities 			
Accomplishments/Planned Programs Subtotals		1.650	1.770
C. Other Program Funding Summary (\$ in Millions)			
N/A			
Remarks			
D. Acquisition Strategy			
<p>PDC projects beyond the baseline Situational Awareness & Decision Support Applications/Tools architecture (Atlas/EMOPS/RAPIDS) undertaken in support of the DoD Cooperative Agreement (CA) with the University of Hawaii (UH) are from PDC customers (e.g., DoD, NGOs, other nations, academia, and industry). The PDC prepares the public, disaster managers, governments, and others to mitigate the effects of disasters. The goal is to have people and technology work together to preserve life, safeguard livelihoods, protect property to foster disaster-resilient communicates. Projects obtained and funded from this customer base serve as a means to determine PDC product and services relevancy.</p>			

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<p><u>E. Performance Metrics</u></p> <p>Projects objectives and tasks are designed to build upon the previous year's successes and are consistent with the framework and direction provided by the 2011-2015 PDC Strategic Plan. At the beginning of each calendar year, an Annual Plan is in-place to guide the program and enable a framework for performance feedback to the DoD PDC Program Manager, the PDC Executive Director, WHS CA Contracting Office, and the UH. At the end of each calendar year, these stakeholders meet to review the past year performance and finalize a new Annual Plan for the next calendar year. This plan details a set of specific objectives to further capabilities and capacities supporting the PDC's mission and increasing operational value to the stakeholders.</p>		