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Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Defense Information Systems Agency **DATE:** April 2013

APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0303126K: <i>Long-Haul Communications - DCS</i>
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COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	92.965	27.003	26.164	36.565	-	36.565	26.501	19.902	16.027	16.198	Continuing	Continuing
PC01: <i>Presidential and National Voice Conferencing</i>	3.553	3.140	18.902	16.051	-	16.051	5.866	3.266	3.303	3.303	Continuing	Continuing
T82: <i>DISN Systems Engineering Support</i>	89.412	23.863	7.262	20.514	-	20.514	20.635	16.636	12.724	12.895	Continuing	Continuing

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Note

*The FY 2012 total includes \$10.500 million in OCO funding.

A. Mission Description and Budget Item Justification

The Defense Information Systems Network (DISN) is the Department of Defense (DoD)'s consolidated worldwide telecommunications capability that provides secure, end-to-end information transport for DoD operations. It also provides the warfighter and the Combatant Commands (COCOMs) with a robust Command, Control, Communications, Computing, and Intelligence infrastructure to support DoD net-centric missions and business requirements. The Defense Red Switch Network (DRSN) is a DoD Secure Voice, Command and Control Network that is controlled and directed by the Joint Staff and the Office of the Secretary of Defense. It provides multi-level secure, rapid, ad hoc, voice calling and conferencing capability to the President, Secretary of Defense, Services, COCOMs, subordinate organizations (military and civilian) and coalition allies. DRSN also supports the National Emergency Action Decision Network (NEADN)/Presidential and National Voice Conferencing (PNVC) and the Enhanced Pentagon Capability/Survivable Emergency Conferencing Network. These funds support three major efforts:

DISN Systems Engineering Support: This effort includes: engineering for Internet Protocol and optical transport capabilities to ensure the essential operations of a robust and secure DISN; refreshing the systems that instrument and automate the operations, administration, maintenance and provisioning functions and creating a single DISN-wide view for network managers and operators; other activities in support of the DRSN communications capabilities.

NEADN/PNVC: The NEADN provides selected system engineering for continued development and testing of the PNVC equipment for senior leaders. The PNVC system provides a military satellite-based, survivable, secure, and near toll-quality voice conferencing capability for the President, Secretary of Defense, Chairman, Joint Chiefs of Staff, and other senior national/military leaders anywhere in the world as needed. Funding supports the acquisition activities for the PNVC baseband equipment, including critical and essential engineering required to develop new vocoder and cryptographic and audio-summing equipment.

Distributed Tactical Communications System (DTCS): The DTCS is a variation of the Iridium satellite phone used by the warfighter under the Enhanced Mobile Satellite Service. DTCS improves Iridium's capability to network and sub-network users to improve performance, reduce end-to-end latency and improve data handling to the handset. New handsets and software modifications will be required to utilize the improved service and allow Iridium satellites to "relay" information between the

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APPROPRIATION/BUDGET ACTIVITY

0400: *Research, Development, Test & Evaluation, Defense-Wide*
 BA 7: *Operational Systems Development*

R-1 ITEM NOMENCLATURE

PE 0303126K: *Long-Haul Communications - DCS*

satellites. Funding provides engineering, development and testing resources for continued improvement to the Naval Surface Weapons Center's Technology Prototype to a fully fielded operational capability. Handsets are already fielded as part of a Central Command Joint Urgent Operational Needs Statement.

B. Program Change Summary (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	21.619	26.164	21.694	-	21.694
Current President's Budget	27.003	26.164	36.565	-	36.565
Total Adjustments	5.384	0.000	14.871	-	14.871
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustment	5.384	-	14.871	-	14.871

Change Summary Explanation

The FY 2012 increase of +\$5.384 provided systems engineering, test and evaluation, and program support for DoD Mobility and transition of Integrated SATCOM Operational Management (ISOM) software and hardware into the Defense Information Systems Network (DISN) Operational Support System. The increase was partially offset by reduction in conference audio requirements for the Presidential and National Voice Conferencing (PNVC).

The FY 2014 increase of +\$14.871 will fund the development of Advanced Extremely High Frequency (AEHF) conference management software, additional hardware for the baseband enclosure for PNVC and implementation of Secure Mobile Infrastructure for DoD's Mobility program.

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Defense Information Systems Agency										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide BA 7: Operational Systems Development					R-1 ITEM NOMENCLATURE PE 0303126K: Long-Haul Communications - DCS				PROJECT PC01: Presidential and National Voice Conferencing			
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
PC01: Presidential and National Voice Conferencing	3.553	3.140	18.902	16.051	-	16.051	5.866	3.266	3.303	3.303	Continuing	Continuing
Quantity of RDT&E Articles												
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
A. Mission Description and Budget Item Justification												
The National Emergency Action Decision Network (NEADN) provides system engineering, development and testing of the Presidential and National Voice Conferencing (PNVC) equipment for senior leaders. The PNVC system provides a military satellite-based, world-wide, survivable, secure, and near toll-quality voice conferencing capability for the President, Secretary of Defense, Chairman, Joint Chiefs of Staff, and other senior national/military leaders. By implementing new technology capabilities (e.g. Ethernet-Framing and higher data rate), this project provides improved performance to the survivable voice conferencing capability. This project supports the acquisition activities for the PNVC baseband equipment, including engineering required to develop new vocoder and cryptographic and audio-summing equipment.												
B. Accomplishments/Planned Programs (\$ in Millions)										FY 2012	FY 2013	FY 2014
Title: National Emergency Action Decision Network (NEADN)										3.140	18.902	16.051
Description: NEADN/PNVC Systems Engineering - Conducts analyses for continuity of NEADN voice conferencing for national/military leaders through the PNVC deployment. Continues engineering, technical analysis, development and coordination to ensure terminal, baseband, and satellite synchronization for voice conferencing amongst senior leaders.												
FY 2012 Accomplishments: Developed the final Concept of Operations (CONOPS). Continued development of the Multi-stream Summing Device (MSD)-III and other conference audio equipment, which continues into FY 2013. Delivered PNVC Baseband Interface Group (BIG) updated technical specifications. Continued contract preparations, with the National Security Agency (NSA) as the acquisition agent, including the technical and acquisition documentation leading to a PNVC BIG contract.												
FY 2013 Plans: Award the two year development contract for the BIG in January 2013. Initiate development testing and evaluation of the DRSN equipment to support FY 2013 procurement decisions. Specify a single High-Altitude Electro-Magnetic Pulse (HEMP) hardened enclosure for containing all PNVC baseband equipment to be utilized by the PNVC special users. Coordinate platform integration and developmental test events for the end to end PNVC capability with the Advanced Extremely High Frequency (AEHF) system.												

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B. Accomplishments/Planned Programs (\$ in Millions)	FY 2012	FY 2013	FY 2014
<p>The increase of +\$15.762 from FY 2012 to FY 2013 supports the contract award for the BIG and continues development of the DRSN interface equipment.</p> <p><i>FY 2014 Plans:</i> Hardware development of the conference audio equipment and baseband enclosure will continue, along with the software development of the AEHF conference management features of the PNVC capability. PNVC development models will continue to be tested for verification of the evolving PNVC phased capabilities. PNVC system testing in conjunction with other joint AEHF assets will be coordinated and conducted.</p> <p>The decrease of -\$2.851 from FY 2013 to FY 2014 is due to completing the BIG contract award, and reduced cost for audio equipment development activities.</p>			
Accomplishments/Planned Programs Subtotals	3.140	18.902	16.051

C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
• Procurement, DW/PE 0303126K: <i>Procurement, Defense-Wide</i>	0.000	3.100	5.300		5.300	9.100	1.800	1.820	1.820	Continuing	Continuing
Remarks											
D. Acquisition Strategy											
Engineering support for the NEADN is provided by existing DoD contracts and Federally Funded Research and Development Contracts (FFRDC) support. For DISA, NSA will perform an assisted acquisition for the development of the BIG cryptographic device, using a competitively awarded fixed price contract.											
E. Performance Metrics											
<p>PNVC project metrics track the development status of program acquisition documents, as required by the component executive. These documents include: Project Execution Plan, Concept of Operations Acquisition Strategy, Capability Production Document, System Engineering Plan and other documents required by the DISA's Component Acquisition Executive. Additionally, for management and system engineering support vendors, monthly reports are critical to tracking overall programmatic and engineering progress and the percent of total deliverables received on time.</p> <p>For product development activities, effective progress is measured based upon the task order milestones in the form of development reviews and weekly progress meetings. As end items (hardware and software) become available for test, additional measures will be available. Specifically, the percentage of successfully verified requirements out of the number tested and the number of critical trouble reports outstanding longer than six months, will be tracked.</p>											

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APPROPRIATION/BUDGET ACTIVITY		R-1 ITEM NOMENCLATURE		PROJECT
0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i>		PE 0303126K: <i>Long-Haul Communications</i>		PC01: <i>Presidential and National Voice</i>
BA 7: <i>Operational Systems Development</i>		- DCS		<i>Conferencing</i>
Performance Metrics:		FY 2012	FY 2013	FY 2014
PNVC	plan/achieve	(target)	(target)	(target)
Proj Supt Deliverables rec'd on time	100%/100%	100%	100%	100%
Product Dev Milestones completed on time	100%/100%	100%	100%	100%
Successfully Tested Requirements	N/A	95%	95%	95%
Critical Trouble Reports > 6 months old	N/A	≤4	≤4	≤4

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Defense Information Systems Agency												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide BA 7: Operational Systems Development						R-1 ITEM NOMENCLATURE PE 0303126K: Long-Haul Communications - DCS						PROJECT PC01: Presidential and National Voice Conferencing			
Product Development (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
BIG Development Preparation	MIPR	NSA:Various	0.180	-		12.400	Feb 2013	5.800	Nov 2013	-		5.800	Continuing	Continuing	N/A
MSD-III Development	C/T&M	Raytheon:Largo, FL	2.900	1.701	Oct 2011	3.878	Oct 2012	5.600	Jan 2014	-		5.600	Continuing	Continuing	N/A
PNVC Baseband Equipment	TBD	Various:Various	-	0.000		0.000		2.600	Sep 2014	-		2.600	Continuing	Continuing	N/A
Systems Engineering	C/CPFF	Booz Allen, Hamilton:McLean, VA	-	0.600	Oct 2011	0.600	Oct 2012	-		-		-	Continuing	Continuing	N/A
Systems Engineering	FFRDC	Mitre:McLean, VA	0.223	0.100	Oct 2011	0.100	Oct 2012	-		-		-	Continuing	Continuing	N/A
Subtotal			3.303	2.401		16.978		14.000		0.000		14.000			
Support (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Engineering	C/CPFF	Booz Allen Hamilton:McLean, VA	-	0.539	Oct 2011	-		0.600	Oct 2013	-		0.600	Continuing	Continuing	N/A
Systems Engineering	FFRDC	Mitre:McLean, VA	-	-		-		0.120	Sep 2014	-		0.120	Continuing	Continuing	N/A
Subtotal			0.000	0.539		0.000		0.720		0.000		0.720			
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Certification Testing	MIPR	Various:Various	-	-		1.624	Oct 2013	1.031	Sep 2014	-		1.031	Continuing	Continuing	Continuing
Subtotal			0.000	0.000		1.624		1.031		0.000		1.031			

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Management Services (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Management Services	FFRDC	Aerospace Corporation:Falls Church, VA	0.250	0.200	Nov 2011	0.300	Oct 2012	0.300	Nov 2013	-		0.300	Continuing	Continuing	Continuing
Subtotal			0.250	0.200		0.300		0.300		0.000		0.300			
			All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			3.553	3.140		18.902		16.051		0.000		16.051			
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2014 Defense Information Systems Agency										DATE: April 2013			
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										PROJECT PC01: <i>Presidential and National Voice Conferencing</i>			

	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Systems Engineering for NEADN/PNVC																												
Systems Engineering for NEADN/PNVC																												
Acquisition Documentation for PNVC																												
Acquisition Documentation for PNVC																												
PNVC CONOPS																												
PNVC CONOPS																												
PNVC Capabilities Production Doc																												
PNVC Capabilities Production Doc																												
PNVC/DRSN Specification Development																												
PNVC/DRSN Spec Dev																												
Baseband Enclosure																												
PNVC/DRSN Interface Equip Dev																												
PNVC/DRSN Interface Equip Dev																												
Conference Mgt Software																												
PNVC System Testing																												
PNVC System																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2014 Defense Information Systems Agency			DATE: April 2013
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Systems Engineering for NEADN/PNVC</i>				
Systems Engineering for NEADN/PNVC	1	2012	4	2018
<i>Acquisition Documentation for PNVC</i>				
Acquisition Documentation for PNVC	1	2012	2	2013
<i>PNVC CONOPS</i>				
PNVC CONOPS	1	2012	1	2013
<i>PNVC Capabilities Production Doc</i>				
PNVC Capabilities Production Doc	1	2012	1	2013
<i>PNVC/DRSN Specification Development</i>				
PNVC/DRSN Spec Dev	1	2012	4	2013
Baseband Enclosure	2	2013	1	2014
<i>PNVC/DRSN Interface Equip Dev</i>				
PNVC/DRSN Interface Equip Dev	4	2012	4	2014
Conference Mgt Software	3	2014	4	2016
<i>PNVC System Testing</i>				
PNVC System	4	2014	4	2018

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COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
T82: DISN Systems Engineering Support	89.412	23.863	7.262	20.514	-	20.514	20.635	16.636	12.724	12.895	Continuing	Continuing
Quantity of RDT&E Articles												
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
A. Mission Description and Budget Item Justification												
The project encompasses four activities:												
Internet Protocol (IP) and Optical Transport Technology Refresh: Provides engineering technical expertise to support and integrate newer, more efficient technologies required to replace end of lifecycle equipment and to achieve more efficient IP and optical technologies. These new technologies provide protected and assured services for mobility and critical support to the warfighter as well as other DoD and federal customers.												
Element Management System (EMS): Provides operational and network operating systems that instrument and automate the operations, administration, maintenance and provisioning functions creating a single DISN-wide view for network managers and operators. EMS is a component of the DISN Operational Support Systems (OSS).												
Secure Voice Switches: This equipment satisfies unique military requirements for multi-level security (i.e., extensive conferencing/conference management capabilities and features, and gateway functions) that are not available in commercial products.												
Distributed Tactical Communications System (DTCS): A tactical and scalable over-the-horizon, on-the-move, and beyond line of sight voice communications system for the small unit disadvantaged user.												
• Phase 1 supported US Central Command (CENTCOM) Joint Urgent Operational Needs (JUON) CC-0278 by fielding 500 radios with basic functionality for 100 mile communications in an austere environment. This provided basic functionality with the initial development and fielding of the Radio Only handset.												
• Phase 2 supported basic CENTCOM JUON CC-0368 requirements by fielding more than 5,000 handsets to the CENTCOM Area of Operation. Improvements to DTCS Phase 2 include an increase in range from 100 miles to 250 miles, improved network capacity from 250 to 16,000, a user operated management tool, and tactical vehicle integration.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2012	FY 2013	FY 2014	
Title: IP & Optical Transport (a component of Tech Refresh)									9.485	3.883	16.997	

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2012	FY 2013
<p><i>FY 2012 Accomplishments:</i> Completed engineering analysis that identified shortcomings in the system that supports large, multi-node distributed secure voice conferences for critical Homeland Defense/National Security missions with Award of Phase I. Provided Sspiral 1 conference management improvements and completion of overall project design and coordination through Critical Design Review. High-Altitude Electromagnetic Pulse (HEMP) Phone completed technology review and design alternatives identification and start of Phase I of the phone development which accomplished finalization of software and hardware design, testing requirements. Continued effort to IP Enable the Defense Red Switch Network (DRSN) DSS-2A secure voice switch, completed efforts through Code and Unit test and delivery of demonstration software build and preproduction Voice over Internet Protocol (VoIP) Media cards (switch cards).</p> <p>Transitioned the ISOM JCTD into the Defense Information Systems (DISN). Funding enabled seamless management of Satellite Communications transport within the overall DISN Management System.</p> <p>Provided the initial systems engineering, testing and evaluation, and program support for the Mobility pilot programs integration. Conducted capability and limitation assessments, focusing on the end-to-end user experience for Mobile Device users, NETOPs Operational Support Systems users, and Business Support Systems users. Technical support was provided for the performance of network, system, server, and email administration.</p>			
<p><i>FY 2013 Plans:</i> Complete the effort to IP Enable the DRSN DSS-2A switch. This includes delivering the final version of switch software, production ready VoIP media cards, and completing all test and accreditation activities (i.e. Software Qualification Test, Integration and Verification, delivery and support to Joint Interoperability Testing Command certification). Complete the HEMP Phone development with delivery of preproduction units and successful completion of HEMP testing. Continue developing and testing the secure voice conference management improvements solution for identified shortcomings in the system that supports large, multi-node distributed secure voice conferences for critical Homeland Defense/National Security missions, with spiral 2 roll out to selected locations.</p> <p>The net decrease of-\$5,602 from FY 2012 to FY 2013 is due to increased development and testing efforts necessary to complete IP Enabling of the Defense Red Switch Network (DRSN) and completing the major engineering and development phases of the ISOM JCTD as defined by STRATCOM in FY 2012, and completing the initial Mobility testing and capability and limitation assessments.</p>			
<i>FY 2014 Plans:</i>			

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2012	FY 2013
Will complete the secure voice conference management improvements with the spiral 3 roll out to final deployment of the management capability infrastructure.			
Will field infrastructure to allow secure classified mobile connections from the commercial network to multiple consolidated entry points into the DoD/DISN network. Funding will enable DoD to stay current on technology in the commercial market for small mobile devices that can provide unclassified communications to the end user. Funding will also support testing emerging technologies for new devices.			
The increase of +\$13.114 from FY 2013 to FY 2014 is due to a programmatic increase associated with spiral 3 improvements for secure voice conference management, and provides the initial infrastructure and management required to support the global operation of approximately 50,000 secure mobile devices.			
Title: Elements Management System (a component of DISN OSS)		1.950	1.338
FY 2012 Accomplishments: Modified the end-to-end processes and interfaces to support Order Management. In addition, developed a management platform. providing network management interfaces for equipment on the DISN that supports Voice and Video Services over Internet Protocol (VVoIP).			1.356
Funding provided development support for one-click trouble ticketing, a capability that integrates trouble management reporting with the Operational Support System (OSS) architecture and provides a status of reported issues in support of all DISN services. Access and support to network management tools for multinational partners was also developed. Tasks included accreditation and approval activities, user access, web security, creation of specialized views and reports, and testing and user acceptance.			
FY 2013 Plans: Provide Information Sharing Services to internal and external users through web services that allow users to consume the information through their preferred method. Activities include the development of web procedures and other web services through the OSS Central web site for the presentation of data based on user requirements. Information provided includes status of alarms, inventory, trouble ticketing, customer orders and service quality management.			
Provide continued support for the network management evolution of Real-Time Services. These activities include support for DISA emerging technologies and capabilities to enable warfighters to consume data and services. Areas include service assurance for DISA catalogue services and requirements as they converge across a collaborative environment in support of a full spectrum of operations. From a network management standpoint, this includes providing a full set of services, end-to-end across an infrastructure that includes voice, video and data through Unified Capabilities.			

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2012	FY 2013	FY 2014
The decrease of -\$0.612 from FY 2012 to FY 2013 is due to completing the order management updates. FY 2014 Plans: Funding will provide continued development of web procedures and other web services in support of Information Sharing Services described in the FY 2013 plans above. Web procedures developed throughout FY 2014 will be more focused on external customers based on Service Level Agreements defined and developed in FY 2013. Critical aspects of the OSS Central will also be fully implemented such as Role-Based Access Control and Attribute-Based Access Control gateway to provide a solid security foundation for internal and external users. Funding will provide continued support for real-time services with an emphasis with support for order entry, provisioning workflow and integration with other key OSS components such as the Network Change and Configuration Management System. The increase of +\$.018 from FY 2013 to FY 2014 supports expanded network management requirements for the OSS.				
Title: Peripheral and Component Design (formerly Engineering Change Proposals (ECP) DRSN Components) FY 2012 Accomplishments: Completed preliminary and critical design reviews for replacing the Secure Telephone Equipment Remote (STE-R) based Channel Encryption Unit which will complete in FY 2013. Initiated improvements to the command center consoles to refresh the user interface and incorporate usability updates. FY 2013 Plans: Continue to support command center Console User Interface refresh and usability improvements. Funds also support engineering change proposals to update several peripheral devices used to extend DRSN phones at distances from the switch. These peripherals have obsolete/no longer available parts that require reengineering the mainboards. The increase of +\$.113 from FY 2013 to FY 2014 is due to contractual escalation associated with the engineering design support contracts and planned program increases needed for tech refresh on the command center console user interface. FY 2014 Plans: FY 2014 funding will continue the efforts initiated in FY 2013 including initiating an ECP for refreshing obsolete parts and end of life software. The increase of +\$.120 from FY 2013 to FY 2014 is due to planned program increases to support the tech refresh and re-engineering efforts on a number of legacy peripheral devices interfacing with DRSN switches.		1.928	2.041	2.161
Title: Distributed Tactical Communications System		10.500	0.000	0.000

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Defense Information Systems Agency										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0303126K: Long-Haul Communications - DCS				PROJECT T82: DISN Systems Engineering Support				
B. Accomplishments/Planned Programs (\$ in Millions)										FY 2012	FY 2013	FY 2014
FY 2012 Accomplishments: Improved Joint Staff and COCOM requirements including software updates to the gateway infrastructure and Radio Only device, as well as fielding of the command and control handset. Over 6,000 DTCS Radio Only devices were fielded to Iraq and Afghanistan and the tethered command and control device was fielded thereby completing the requirements. The decrease of -\$10.500 from FY 2012 to FY 2013 results from the drawdown of CENTCOM's Joint Staff requirements for the contingency operations in Southwest Asia.												
Accomplishments/Planned Programs Subtotals										23.863	7.262	20.514
C. Other Program Funding Summary (\$ in Millions)												
Line Item	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost	
• O&M/PE0303126K: Operation & Maintenance, Defense-Wide	157.778	153.019	73.766		73.766	75.015	70.604	72.480	74.029	Continuing	Continuing	
• Procurement/PE0303126K: Procurement, Defense-Wide	84.932	116.801	120.557		120.557	98.640	97.879	111.963	133.499	Continuing	Continuing	
Remarks												
D. Acquisition Strategy												
Products acquired for EMS requirements are professional services, network management software, supporting hardware, and development tools. Professional services will be procured through existing contracts available to DISA. The DISA Computing Services will be used for hardware and software leased managed services, as well as the NASA enterprise equipment contracting vehicle when necessary and applicable.												
The IP enabling of the DRSN DSS-2A switch, Secure voice conference management improvements, HEMP Phone and related DRSN components will use an existing Air Force Command and Control Switching Systems (CCSS) Depot Support contract with the Secure Voice Switch systems manufacturer (Raytheon) to perform the development and modification work, system integration and testing support.												
The Mobility initiative supports systems engineering and development of a DoD Mobility solution. The focus is on acquisitions to support the program across the DoD to include scheduling, delivery approach, and risk management. This also includes the vision and phased approach to unified capabilities for classified and unclassified wireless capabilities to meet DoD needs by FY 2014.												
E. Performance Metrics												
DISN OSS funding supports the IP convergence of voice services at ADIMSS Hub Sites as follows –												

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Defense Information Systems Agency		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0303126K: <i>Long-Haul Communications</i> - DCS	PROJECT T82: <i>DISN Systems Engineering Support</i>
<p>FY 2012 – 5 Remaining Sites Out of 22. 17 Sites where completed utilizing funds from prior years. This activity supports the capability of ADIMSS Hub Sites providing VoIP capability for DISN customers at edge sites.</p> <p>Funding provides development in DISN information sharing services that will be provided by the OSS Central web site. The objective is to develop OSS Central as the predominate interface for information sharing services for DISN customers. As a result of the development of information sharing capabilities, there will be an increase in OSS Central users. The following estimates provide the development of OSS Central Service Support procedures and the growth in OSS Central users.</p> <p>FY 2012 – 3 info sharing procedures completed, 9 info sharing procedures in development, 2,600 users (19% of estimated user base complete) FY 2013 – 14 info sharing procedures, 5,200 users (37% of estimated user base complete) FY 2014 – 14 info sharing procedures, 10,000 users (71% of estimated user base complete)</p> <p>The development of web procedures supports Information Sharing Services for both internal and external DISN users based on defined user group requirements. This metric supports the evolution of DISN users to OSS Central by providing Information Sharing Services.</p> <p>DTCS tracks performance through competition of requirements for JUON CC-0368</p> <ul style="list-style-type: none"> • FY 2012 increase the number of PLI global broadcast nets from 300 to 16,000 • FY 2012 Develop the tethered Command and Control Handset <p>Tech Refresh: On time and on budget performance of contracted development at least 95% of the time. Meets acquisition milestones and agreed to schedule for delivery and testing. Component replacement development: Meets acquisition milestones and agreed schedule for delivery and testing at least 95% of the time. Measured using Earned Value Management with CPI > 1 and SPI >1.</p> <p>FY 2012:</p> <ul style="list-style-type: none"> • IP Enabling the DRSN DSS-2A Switch (135 functional requirements): CPI 1.14 SPI 1.01 • Secure Voice Conference management improvements: tracking the performance of 39 functional requirements. • HEMP phone total requirements: TBD <p>DRSN: On time and on budget performance of contracted development at least 95% of the time. Meets acquisition milestones and agreed schedule for delivery and testing. Component replacement development: Meets acquisition milestones and agreed schedule for delivery and testing at least 95% of the time. Measured using Earned Value Management with CPI > 1 and SPI >1.</p> <p>FY 2012:</p> <ul style="list-style-type: none"> • Ectocryp development: On time/On budget 98% 		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Defense Information Systems Agency												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY						R-1 ITEM NOMENCLATURE				PROJECT					
0400: Research, Development, Test & Evaluation, Defense-Wide BA 7: Operational Systems Development						PE 0303126K: Long-Haul Communications - DCS				T82: DISN Systems Engineering Support					
Product Development (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Engineering for DSRN Components & Peripherals	Various	Raytheon:Florida	3.729	1.928	Feb 2012	2.041	Apr 2013	2.161	Mar 2014	-		2.161	Continuing	Continuing	Continuing
Systems Engineering for IP Enabling DSS-2A Secure Voice Switch	C/CPFF	Raytheon:Florida	21.440	-		-		-		-		-	Continuing	Continuing	Continuing
Engineering &Technical Services for Information Sharing Services for Voice	C/T&M	SAIC:VA	2.128	0.546	Jan 2012	0.546	Jan 2013	0.726	Apr 2014	-		0.726	Continuing	Continuing	Continuing
Engineering & Technical Services for Network Mgmt Solutions for New DISN Element Technologies	C/T&M	Various:VA	0.795	0.790	Jun 2012	0.792	Jun 2013	-		-		-	Continuing	Continuing	Continuing
Single Sign On	C/T&M	SAIC:Various	1.397	-		-		-		-		-	Continuing	Continuing	Continuing
System Engineering for VoSIP	C/T&M	Various:Various	1.218	-		-		-		-		-	Continuing	Continuing	Continuing
Space Vehicle Upload	SS/CPFF	Iridium:McLean, VA	11.585	1.050	Jan 2012	-		-		-		-	Continuing	Continuing	Continuing
Gateway Improvement	SS/CPFF	Iridium:McLean, VA	9.810	3.755	Jan 2012	-		-		-		-	Continuing	Continuing	Continuing
Field Application Tool	MIPR	NSWC:Dahlgren	5.015	1.620	Jun 2012	-		-		-		-	Continuing	Continuing	Continuing
DTCS Handset	SS/CPFF	Iridium:McLean, VA	5.700	0.150	Jan 2012	-		-		-		-	Continuing	Continuing	Continuing
Command and Control Handset	SS/CPFF	Iridium:McLean, VA	6.750	0.525	Jun 2012	-		-		-		-	Continuing	Continuing	Continuing
Alt. Supplier Development	MIPR	NSWC:Dahlgren, VA	2.900	0.550	Jun 2012	-		-		-		-	Continuing	Continuing	Continuing
Radio Only Interface	MIPR	NSWC:Dahlgren, VA	2.180	0.345	Jun 2012	-		-		-		-	Continuing	Continuing	Continuing
Remote Control Unit	SS/CPFF	Iridium:McLean, VA	2.100	-		-		-		-		-	Continuing	Continuing	Continuing
Type 1 Security	SS/CPFF	Iridium:McLean, VA	6.100	0.355	Jan 2012	-		-		-		-	Continuing	Continuing	Continuing
Vehicle Integration	MIPR	NSWC:Dahlgren, VA	2.255	0.930	Jun 2012	-		-		-		-	Continuing	Continuing	Continuing
Engineering & Technical Services for Unified Capabilities	C/T&M	SAIC:VA	-	-		-		0.630	Mar 2014	-		0.630	Continuing	Continuing	

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Defense Information Systems Agency												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY						R-1 ITEM NOMENCLATURE				PROJECT					
0400: Research, Development, Test & Evaluation, Defense-Wide BA 7: Operational Systems Development						PE 0303126K: Long-Haul Communications - DCS				T82: DISN Systems Engineering Support					
Product Development (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Engineering for IP and Optical Technology Refresh	Various	DITCO:Various	1.912	3.474	Feb 2012	3.883	Feb 2013	3.997	Aug 2014	-		3.997	Continuing	Continuing	
Engineering & Technical Services for Web Based Mediation	C/T&M	Apptis:VA	1.168	-		-		-		-		-	Continuing	Continuing	
System Engineering and Technical Services for ISOM	Various	DITCO:Various	-	2.500	Sep 2012	-		-		-		-	Continuing	Continuing	
Serialized Asset Management - OSS	C/T&M	SAIC:VA	-	0.614	Dec 2012	-		-		-		-	Continuing	Continuing	
Gateways - Mobility	TBD	TBD:TBD	-	-		-		5.090	Jan 2014	-		5.090	Continuing	Continuing	
Thin Client Solution - Mobility	TBD	TBD:TBD	-	0.300	Jul 2012	-		1.000	Nov 2013	-		1.000	Continuing	Continuing	
New Field Communications	C/FFP	TBD:TBD	-	-		-		0.550	Jan 2014	-		0.550	Continuing	Continuing	
Applicatoins for Testing	C/FFP	TBD:TBD	-	-		-		0.030	Nov 2013	-		0.030	Continuing	Continuing	
Testing Devices	C/FFP	TBD:TBD	-	-		-		0.400	Oct 2013	-		0.400	Continuing	Continuing	
Subtotal			88.182	19.432		7.262		14.584		0.000		14.584			
Support (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
IT Support - Mobility	TBD	Arieds, LLC:Ft. Meade	-	2.300	Sep 2012	-		-		-		-	Continuing	Continuing	
NS2 SE Support - Mobility	TBD	APPTIS:Ft. Meade	-	0.311	Sep 2012	-		-		-		-	Continuing	Continuing	
IT Support - Mobility	Various	TBD:TBD	-	-		-		3.000	Jan 2014	-		3.000	Continuing	Continuing	
Subtotal			0.000	2.611		0.000		3.000		0.000		3.000			

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Defense Information Systems Agency												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY						R-1 ITEM NOMENCLATURE				PROJECT					
0400: Research, Development, Test & Evaluation, Defense-Wide BA 7: Operational Systems Development						PE 0303126K: Long-Haul Communications - DCS				T82: DISN Systems Engineering Support					
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Certification Testing	MIPR	JITC:Various	1.230	1.220	Jun 2012	-		-		-		-	Continuing	Continuing	Continuing
Test & Evaluation Support - Mobility	WR	JITC:Ft. Meade	-	0.600	Jul 2012	-		0.930	Oct 2013	-		0.930	Continuing	Continuing	
Integration, Test adn Modification - Mobility	Various	TBD:TBD	-	-		-		2.000	Nov 2013	-		2.000	Continuing	Continuing	
Subtotal			1.230	1.820		0.000		2.930		0.000		2.930			
Management Services (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000	0.000
			All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			89.412	23.863		7.262		20.514		0.000		20.514			
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2014 Defense Information Systems Agency										DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>					R-1 ITEM NOMENCLATURE PE 0303126K: <i>Long-Haul Communications</i> - DCS					PROJECT T82: <i>DISN Systems Engineering Support</i>			

	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
DRSN																												
Systems Engineering for DRSN Components and Peripherals																												
OSS																												
Data Integration for Real Time Services																												
Web Procedures for Information Sharing																												
Network Management for Real Time Services/Unified Capabilities																												
Serialized Asset Management																												
DTCS Range Extension																												
Range Extension																												
Increase number of networks to 16K																												
Technology Refresh																												
IP Enabling the DRSN DSS-2A Switch																												
Secure Voice Conference Management Improvements																												
High Altitude Electromagnetic Pulse (HEMP) Phone Replacement Development																												
Mobility																												
Unclassified Pilot (End State: 5,000 Deployed Devices)																												
Unclassified Pilot -Phase1 Spiral 1 (100 deployed devices)																												
Unclassified Pilot -Phase1 Spiral 2 (600 deployed devices)																												

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Exhibit R-4, RDT&E Schedule Profile: PB 2014 Defense Information Systems Agency																				DATE: April 2013								
APPROPRIATION/BUDGET ACTIVITY										R-1 ITEM NOMENCLATURE										PROJECT								
0400: Research, Development, Test & Evaluation, Defense-Wide BA 7: Operational Systems Development										PE 0303126K: Long-Haul Communications - DCS										T82: DISN Systems Engineering Support								
	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Unclassified Pilot -Phase1 Spiral 3 (1500 deployed devices)																												
Unclassified Pilot -Phase 2 (5000 deployed devices)																												
Decommission of PIlot MDM Solution																												
Classified Pilot (End State: 1,500 Deployed Devices)																												
Classified Pilot 500 Deployed Devices)																												
Classified Pilot 1,000 Deployed Devices)																												
Classified Pilot 1,500 Deployed Devices)																												
Decommission of PIlot Solution																												
DoD Mobility Lab (Mirrors Operational Capability)																												
Lab Purchase (Gateways, NIPR, SIPR, TS Enclave)																												
Lab Set-up																												
Capability Demonstration (for Operational Deployment)																												
Operational Capability: DoD Mobility Gateways																												
CONUS Gateway Deployment (St Louis, SATX)																												
OCONUS Gateway Deployment (Stuttgart, Ford Island, Bahrain)																												
Operational Capability: NIPR Enclave (MDM, MAS) (end State 50,000 Deployed Devices)																												
MDM Deployment for up to 50,000 users																												
MAS Deployment for up to 50,000 users																												

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Exhibit R-4, RDT&E Schedule Profile: PB 2014 Defense Information Systems Agency **DATE:** April 2013

APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0303126K: <i>Long-Haul Communications</i> - DCS	PROJECT T82: <i>DISN Systems Engineering Support</i>
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	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Phase 1 Deployment: Transition of Pilot Users & Early Adopters (10,000)																												
Phase 2 Deployment: 20,000 Users Reached																												
Phase 3 Deployment: 30,000 Users Reached																												
Phase 4 Deployment: 40,000 Users Reached																												
Phase 5 Deployment: 50,000 Users Reached																												
Operational Capability: SIPR Enclave (MDM, MAS) End State 5,00 Deployed Devices																												
Device Procurement (5,000 Devices; device same as TS)																												
MDM Deployment for up to 5,000 users																												
MAS Deployment for up to 5,000 users																												
Phase 1 Deployment: Transition of Pilot Users (1,500 devices)																												
Phase 2 Deployment: 3,000 Users Reached																												
Phase 3 Deployment: 5,000 Users Reached																												
Operational Capability: TS Enclave (MDM, MAS) (End State: 500 Deployed Devices)																												
Device Procurement (500 Devices; device same as SIPR)																												
MDM Deployment for up to 500 users																												
MAS Deployment for up to 500 users																												
Deployment: 500 Users Reached																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2014 Defense Information Systems Agency			DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0303126K: <i>Long-Haul Communications</i> - DCS	PROJECT T82: <i>DISN Systems Engineering Support</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
DRSN				
Systems Engineering for DRSN Components and Peripherals	1	2012	4	2013
OSS				
Data Integration for Real Time Services	1	2012	4	2012
Web Procedures for Information Sharing	1	2012	4	2014
Network Management for Real Time Services/Unified Capabilities	1	2013	3	2013
Serialized Asset Management	1	2013	3	2013
DTCS Range Extension				
Range Extension	3	2012	2	2013
Increase number of networks to 16K	3	2012	1	2013
Technology Refresh				
IP Enabling the DRSN DSS-2A Switch	1	2012	3	2014
Secure Voice Conference Management Improvements	3	2012	3	2014
High Altitude Electromagnetic Pulse (HEMP) Phone Replacement Development	2	2012	4	2014
Mobility				
Unclassified Pilot (End State: 5,000 Deployed Devices)	3	2012	4	2014
Unclassified Pilot -Phase1 Spiral 1 (100 deployed devices)	3	2012	3	2012
Unclassified Pilot -Phase1 Spiral 2 (600 deployed devices)	4	2012	4	2012
Unclassified Pilot -Phase1 Spiral 3 (1500 deployed devices)	1	2014	1	2014
Unclassified Pilot -Phase 2 (5000 deployed devices)	2	2014	4	2014
Decommission of Pilot MDM Solution	4	2014	4	2014
Classified Pilot (End State: 1,500 Deployed Devices)	1	2014	4	2014

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Exhibit R-4A, RDT&E Schedule Details: PB 2014 Defense Information Systems Agency				DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide BA 7: Operational Systems Development		R-1 ITEM NOMENCLATURE PE 0303126K: Long-Haul Communications - DCS		PROJECT T82: DISN Systems Engineering Support	
		Start		End	
Events by Sub Project		Quarter	Year	Quarter	Year
Classified Pilot 500 Deployed Devices)		1	2014	1	2014
Classified Pilot 1,000 Deployed Devices)		1	2014	1	2014
Classified Pilot 1,500 Deployed Devices)		1	2014	1	2014
Decommission of Pilot Solution		4	2014	4	2014
DoD Mobility Lab (Mirrors Operational Capability)		1	2014	2	2014
Lab Purchase (Gateways, NIPR, SIPR, TS Enclave)		1	2014	1	2014
Lab Set-up		2	2014	2	2014
Capability Demonstration (for Operational Deployment)		2	2014	2	2014
Operational Capability: DoD Mobility Gateways		1	2014	3	2014
CONUS Gateway Deployment (St Louis, SATX)		1	2014	3	2014
OCONUS Gateway Deployment (Stuttgart, Ford Island, Bahrain)		1	2014	3	2014
Operational Capability: NIPR Enclave (MDM, MAS) (end State 50,000 Deployed Devices)		1	2014	4	2014
MDM Deployment for up to 50,000 users		1	2014	3	2014
MAS Deployment for up to 50,000 users		1	2014	3	2014
Phase 1 Deployment: Transition of Pilot Users & Early Adopters (10,000)		3	2014	3	2014
Phase 2 Deployment: 20,000 Users Reached		3	2014	3	2014
Phase 3 Deployment: 30,000 Users Reached		3	2014	3	2014
Phase 4 Deployment: 40,000 Users Reached		4	2014	4	2014
Phase 5 Deployment: 50,000 Users Reached		4	2014	4	2014
Operational Capability: SIPR Enclave (MDM, MAS) End State 5,00 Deployed Devices		1	2014	1	2014
Device Procurement (5,000 Devices; device same as TS)		1	2014	1	2014
MDM Deployment for up to 5,000 users		1	2014	1	2014
MAS Deployment for up to 5,000 users		1	2014	1	2014
Phase 1 Deployment: Transition of Pilot Users (1,500 devices)		3	2014	3	2014
Phase 2 Deployment: 3,000 Users Reached		3	2014	3	2014

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Exhibit R-4A, RDT&E Schedule Details: PB 2014 Defense Information Systems Agency			DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>		R-1 ITEM NOMENCLATURE PE 0303126K: <i>Long-Haul Communications</i> - DCS		PROJECT T82: <i>DISN Systems Engineering Support</i>
		Start		End
Events by Sub Project		Quarter	Year	Quarter
Phase 3 Deployment: 5,000 Users Reached		4	2014	4
Operational Capability: TS Enclave (MDM, MAS) (End State: 500 Deployed Devices)		1	2014	1
Device Procurement (500 Devices; device same as SIPR)		1	2014	1
MDM Deployment for up to 500 users		1	2014	3
MAS Deployment for up to 500 users		1	2014	3
Deployment: 500 Users Reached		3	2014	3