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Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Army **DATE:** February 2012

APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development				PE 0305208A: Distributed Common Ground/Surface Systems							
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
Total Program Element	125.404	31.649	40.876	-	40.876	25.655	14.962	0.354	31.911	Continuing	Continuing
956: Distributed Common Ground System (DCGS) (MIP)	124.805	31.649	40.876	-	40.876	25.655	14.962	0.354	31.911	Continuing	Continuing
D15: MUSE & TES TADSS (MIP)	0.599	-	-	-	-	-	-	-	-	Continuing	Continuing

A. Mission Description and Budget Item Justification

Distributed Common Ground System - Army (DCGS-A) is the Intelligence, Surveillance and Reconnaissance (ISR) System of Systems (SoS) for Joint, Interagency, Allied, Coalition, and National data analysis, sharing and collaboration. The core functions of DCGS-A are: the vertical and horizontal synchronization of ISR Processing, Exploitation and Dissemination (PED) efforts; operations in a networked environment at multiple security levels; the control of select Army and joint sensor systems; the fusion of all acquired data and information, and distribution of relevant red (threat), gray (non-aligned), and environmental (weather and terrain) information; and providing the Warfighters' early warning and targeting capability. DCGS-A provides a single integrated ISR ground processing system composed of common components that are interoperable with sensors, other information sources, all Warfighting Functions, and the Defense Information & Intelligence Enterprise (DI2E). DCGS-A is fielded in Fixed and Mobile configurations emphasizing the use of reach and split based operations by improving accessibility of data in order to reduce forward deployed footprint. As enhanced capabilities are developed and tested, annual software releases are integrated into Army Common/commodity hardware and fielded to units IAW the Army Force Generation (ARFORGEN) process.

FY13 Base funding in the amount of \$40.876 million will be used for development of the Command Post Computing Environment (CPCE) as the Lead for PEO IEW&S. As such, DCGS-A is currently aligning its architecture to fit within the Common Operating Environment (COE) as described by the ASA(ALT) COE Implementation Plan. This alignment is in accordance with the G-3/5/7 priority to align all Army networks, procurements, and enhancements under one COE and one vision.

DCGS-A software will be tailored by echelon and scalable to each unit's mission. DCGS-A provides commanders and staffs the ability to maintain an accurate and up to date understanding of the operational environment. DCGS-A's contributions to commanders' visualization and situational awareness, rapid planning, and the synchronization of all warfighting functions, enable Army units to operate within the enemy's decision cycle. This capability enhances tactical and operational maneuver and the conduct of full spectrum operations across the range of military operations from humanitarian to major combat operations.

The DCGS-A configurations range from laptops to systems integrated in tactical shelters and mounted on tactical vehicles to large commodity servers operating in a Cloud Processing Architecture. Main Cloud nodes will be placed in data centers strategically located across the globe, while tactical edge Cloud nodes will be integrated within select existing equipment currently on units Modified Tables of Organization & Equipment (MTOE). The fundamental intent and tenet of this approach is to reduce forward deployed equipment/footprint by co-locating the advanced analytics capabilities within the DCGS-A baseline with the regional data centers, where the data is stored. This infrastructure consolidation simultaneously reduces processor and communications requirements in tactical units by limiting the number of large data files transported across tactical communications systems. The first DCGS-A Cloud node reached its initial operating capability in Operation Enduring Freedom

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APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0305208A: <i>Distributed Common Ground/Surface Systems</i>
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(OEF) in FY11. The design, development, and initial deployment of prototype tactical edge nodes will be in 4QFY11. Following a successful operational assessment and Milestone C in 2QFY12/Full Deployment Decision in 4QFY12, DCGS-A Software Baseline (DSB) 1.0 capability will be deployed throughout the Army.

DCGS-A consolidates, enhances, and modernizes the tasking, processing, exploitation, and dissemination (TPED) capabilities formerly found in nine Army intelligence programs of record and two Quick Reaction Capabilities. DCGS-A provides these technologically advanced PED capabilities in tailored and scalable mobile and fixed configurations in all maneuver and maneuver support units from Company Intelligence Support Team to Army Service Component Command, and in select maneuver sustainment units battalion and above. The program also will develop software packages to be embedded in mission command and other select systems to provide required ISR/analytic capabilities. DCGS-A is a key component of the DoD ISR Task Force modernization efforts and a critical Army priority.

B. Program Change Summary (\$ in Millions)	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013 Base</u>	<u>FY 2013 OCO</u>	<u>FY 2013 Total</u>
Previous President's Budget	119.202	44.198	39.692	-	39.692
Current President's Budget	125.404	31.649	40.876	-	40.876
Total Adjustments	6.202	-12.549	1.184	-	1.184
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	6.202	-12.549	1.184	-	1.184

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Army									DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0305208A: Distributed Common Ground/ Surface Systems				PROJECT 956: Distributed Common Ground System (DCGS) (MIP)			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
956: Distributed Common Ground System (DCGS) (MIP)	124.805	31.649	40.876	-	40.876	25.655	14.962	0.354	31.911	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

Distributed Common Ground System - Army (DCGS-A) is the Intelligence, Surveillance and Reconnaissance (ISR) System of Systems (SoS) for Joint, Interagency, Allied, Coalition, and National data analysis, sharing and collaboration. The core functions of DCGS-A are: the vertical and horizontal synchronization of ISR Processing, Exploitation and Dissemination (PED) efforts; operations in a networked environment at multiple security levels; the control of select Army and joint sensor systems; the fusion of all acquired data and information, and distribution of relevant red (threat), gray (non-aligned), and environmental (weather and terrain) information; and providing the Warfighters' early warning and targeting capability. DCGS-A provides a single integrated ISR ground processing system composed of common components that are interoperable with sensors, other information sources, all Warfighting Functions, and the Defense Information & Intelligence Enterprise (DI2E). DCGS-A is fielded in Fixed and Mobile configurations emphasizing the use of reach and split based operations by improving accessibility of data in order to reduce forward deployed footprint. As enhanced capabilities are developed and tested, annual software releases are integrated into Army Common/commodity hardware and fielded to units IAW the Army Force Generation (ARFORGEN) process.

FY13 Base funding in the amount of \$40.876 million will be used for development of the Command Post Computing Environment (CPCE) as the Lead for PEO IEW&S. As such, DCGS-A is currently aligning its architecture to fit within the Common Operating Environment (COE) as described by the ASA(ALT) COE Implementation Plan. This alignment is in accordance with the G-3/5/7 priority to align all Army networks, procurements, and enhancements under one COE and one vision.

DCGS-A software will be tailored by echelon and scalable to each unit's mission. DCGS-A provides commanders and staffs the ability to maintain an accurate and up to date understanding of the operational environment. DCGS-A's contributions to commanders' visualization and situational awareness, rapid planning, and the synchronization of all warfighting functions, enable Army units to operate within the enemy's decision cycle. This capability enhances tactical and operational maneuver and the conduct of full spectrum operations across the range of military operations from humanitarian to major combat operations.

The DCGS-A configurations range from laptops to systems integrated in tactical shelters and mounted on tactical vehicles to large commodity servers operating in a Cloud Processing Architecture. Main Cloud nodes will be placed in data centers strategically located across the globe, while tactical edge Cloud nodes will be integrated within select existing equipment currently on units Modified Tables of Organization & Equipment (MTOE). The fundamental intent and tenet of this approach is to reduce forward deployed equipment/footprint by co-locating the advanced analytics capabilities within the DCGS-A baseline with the regional data centers, where the data is stored. This infrastructure consolidation simultaneously reduces processor and communications requirements in tactical units by limiting the number of large data files transported across tactical communications systems. The first DCGS-A Cloud node reached its initial operating capability in Operation Enduring Freedom (OEF) in FY11. The design, development, and initial deployment of prototype tactical edge nodes will be in 4QFY11. Following a successful operational assessment and Milestone C in 2QFY12/Full Deployment Decision in 4QFY12, DCGS-A Software Baseline (DSB) 1.0 capability will be deployed throughout the Army.

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Army			DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0305208A: Distributed Common Ground/ Surface Systems	PROJECT 956: Distributed Common Ground System (DCGS) (MIP)				
DCGS-A consolidates, enhances, and modernizes the tasking, processing, exploitation, and dissemination (TPED) capabilities formerly found in nine Army intelligence programs of record and two Quick Reaction Capabilities. DCGS-A provides these technologically advanced PED capabilities in tailored and scalable mobile and fixed configurations in all maneuver and maneuver support units from Company Intelligence Support Team to Army Service Component Command, and in select maneuver sustainment units battalion and above. The program also will develop software packages to be embedded in mission command and other select systems to provide required ISR/analytic capabilities. DCGS-A is a key component of the DoD ISR Task Force modernization efforts and a critical Army priority.						
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Title: Design and Development of DCGS-A enterprise level net-centric architecture		98.057	3.164	26.712	-	26.712
Articles:		0	0			
Description: Continue design and development of DCGS-A enterprise level net-centric architecture to include: Development & Integration of DCGS-A Software; DT/OT, Mobile Basic Contract Deliverables, and Program Management support costs. Global Unified Data Environment (Cloud) - development - to create direct Data Ingest of varying intelligence data types and development of analytical tools to exploit single -INT data, further enhancing Cloud Enterprise Account Management load distribution of enterprise level complex searches. Development of Cloud to Cloud Data Synchronization technologies and enhanced data management applications between Cloud and Edge nodes.						
FY 2011 Accomplishments: Continue design and development of DCGS-A enterprise level net-centric architecture to include: Development & Integration of DCGS-A Software; Limited User Test, Developmental Testing, Mobile Basic Data and Program Management support costs						
FY 2012 Plans: Continue and complete design and development of DCGS-A enterprise level net-centric architecture to include: Development & Integration of DCGS-A Software; IOT&E, Developmental Testing, DCGS-A and Program Management support costs						
FY 2013 Base Plans: Continue design and development of DCGS-A enterprise level net-centric architecture to include: Development & Integration of DCGS-A Software; DT/OT and Program Management support costs. Global Unified Data Environment (Cloud) - development - to create direct Data Ingest of varying intelligence data types and development of analytical tools to exploit single -INT data, further enhancing Cloud Enterprise Account Management load distribution of enterprise level complex searches. Development of Cloud to Cloud Data Synchronization technologies and enhanced data management applications between Cloud and Edge nodes.						
Title: Cloud development		13.200	21.500	-	-	-

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Articles: Description: Global Unified Data Environment (Cloud) development - creates near real-time multi-intelligence analytics environment, extends access and reduces analytic response time. FY 2011 Accomplishments: Global Unified Data Environment (Cloud) development - creates near real-time multi-intelligence analytics environment, extends access and reduces analytic response time. FY 2012 Plans: Global Unified Data Environment (Cloud) - development - to create near real time multi-intelligence analytics environment, extend Cloud Enterprise access and reduces Intelligence Product production time.		0	0			
Title: Human Terrain Teams Articles: Description: Human Terrain Teams - Completed development of software for the MAP-HT system for capabilities above the baseline 1.0 release. FY 2011 Accomplishments: Human Terrain Teams - Completed development of software for the MAP-HT system for capabilities above the baseline 1.0 release.		3.000 0	-	-	-	-
Title: Matrix Support including SIL S/W Support Articles: Description: Matrix Support including SIL S/W Support FY 2011 Accomplishments: Matrix Support including SIL S/W Support FY 2013 Base Plans: Matrix Support including SIL S/W Support		3.591 0	-	4.554	-	4.554
Title: Army and Joint Testing/Development/Operational Test Support Articles:		-	4.551 0	6.507	-	6.507

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Description: Ongoing Army and Joint interoperability testing and evaluation to include Operational Assessment (NIE Operational Assessment), JITC, and Operational Test FY 2012 Plans: Ongoing Army and Joint interoperability testing and evaluation to include Operational Assessment (NIE Operational Assessment), JITC, and Operational Test FY 2013 Base Plans: Development Test/Operational Test Support					
Title: Support Costs and Management Services Articles:	6.957 0	2.434 0	3.103	-	3.103
Description: Funding is provided for the following effort/Project Management Support FY 2011 Accomplishments: Provide matrix support and PMO efforts FY 2012 Plans: Provide matrix support and PMO efforts FY 2013 Base Plans: Provide matrix support and PMO efforts					
Accomplishments/Planned Programs Subtotals	124.805	31.649	40.876	-	40.876

C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
• DCGS-A (MIP): <i>DCGS-A (MIP)</i>	334.516	227.548	184.507	166.094	350.601		286.377	406.239	409.643	Continuing	Continuing

D. Acquisition Strategy
The Distributed Common Ground System-Army (DCGS-A) program was created in response to the Department of Defense (DoD) Distributed Common Ground/ Surface System (DCGS) Mission Area Initial Capabilities Document (MA ICD) dated 13 Aug 2004, which captured the overarching requirements for an Intelligence, Surveillance, and Reconnaissance (ISR) Family of Systems (FoS) that will contribute to Joint and combined Warfighter needs. That ICD was updated as the Distributed Common Ground/Surface System (DCG/SS) Enterprise ICD, and approved by the Joint Requirements Oversight Council (JROC) 27 Feb 2009. The Army

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requirements were refined in the DCGS-A Capabilities Development Document (CDD), and approved by the JROC 31 Oct 2005. The DCGS-A program is currently in the Engineering, Manufacturing and Development (EMD) phase and was designated as a Major Automated Information System (MAIS) in OSD (AT&L) Memorandum, 29 Mar 2010. DCGS-A is following an evolutionary acquisition approach to develop and field system capabilities over time to satisfy the requirements of the DCGS-A Capability Development Document (CDD). Following this approach, the first increment was defined and a Capability Production Document (CPD) was created with full consideration of all of the preceding supporting documents and analysis. As part of its initial staffing, a Cost Benefit Analysis was completed in support of the DCGS-A CPD. This analysis projected a significant cost avoidance/savings over the life cycle by not limiting the hardware configuration to a one size fits all unit types design but rather integrating the DCGS-A SW capabilities into common servers and other IT components fielded at that echelon. This approach was included in the CPD and updated DCGS-A Acquisition Strategy. The CPD was approved by the JROC on 20 Dec 2011. The DCGS-A System Engineering Plan (SEP) updated the current development plan and was approved by OASD (R&E) on 5 Dec 2011. The DCGS-A Revised Acquisition Strategy (AS) is awaiting approval by the Defense Acquisition Executive (DAE). It is anticipated the DCGS-A Acquisition Program Baseline will be approved in 2Q12. The DCGS-A program is currently preparing for a milestone C in 2Q12 and an operational test in 2Q-3Q12 and subsequent FDD decision in 4Q12. PM DCGS-A has been designated as the Command Post Computing Environment (CPCE) Lead for PEO IEW&S. As such, DCGS-A is currently aligning it's architecture to fit within the Common Operating Environment (COE) as described by the ASA(ALT) COE Implementation Plan. This alignment is in accordance with the G-3/5/7 priority to align all Army networks, procurements, and enhancements under one COE and one vision. Our acquisition strategy supports this initiative as we continue to collapse PORs and reduce footprint following our capability migration path and iterative development approach in support of an "IT Box" requirements prioritization process. As we continue the path to DSB 1.0 and beyond, each release will focus on the COE and continually align the Command Post activities with DCGS-A Cloud, Edge Node, and POR migration activities. <u>E. Performance Metrics</u> Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Army											DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0305208A: Distributed Common Ground/ Surface Systems				PROJECT 956: Distributed Common Ground System (DCGS) (MIP)					
Management Services (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Project Management	Various	PM, DCGS-A:APG, MD	22.552	2.434		3.103		-		3.103	Continuing	Continuing	Continuing
Subtotal			22.552	2.434		3.103		-		3.103			
Product Development (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Metadata Catalog	Various	MITRE,;various	17.865	-		-		-		-	Continuing	Continuing	Continuing
Design & Develop DCGS-A Architecture	Various	Northrup Grumman:Linthicum, MD	220.204	3.164		26.712		-		26.712	Continuing	Continuing	0.000
SCDL	Various	CUBIC:Orlando, Fla.	0.788	-		-		-		-	Continuing	Continuing	0.000
Global Unified Data Environment (Cloud) Development	Various	CERDEC/SEC:APG, MD	-	21.500		-		-		-	Continuing	Continuing	0.000
Subtotal			238.857	24.664		26.712		-		26.712			
Support (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Matrix Support Government Test & Integration Lab	Various	CECOM:CECOM	14.180	-		4.554		-		4.554	Continuing	Continuing	Continuing
Subtotal			14.180	-		4.554		-		4.554			
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Operational Test support for DCGS-A	Various	ATEC:ATEC	8.636	1.651		-		-		-	Continuing	Continuing	Continuing

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Army											DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 7: <i>Operational Systems Development</i>				R-1 ITEM NOMENCLATURE PE 0305208A: <i>Distributed Common Ground/ Surface Systems</i>				PROJECT 956: <i>Distributed Common Ground System (DCGS) (MIP)</i>					

Test and Evaluation (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost		Cost To Complete	Total Cost	Target Value of Contract
LUT	Various	ATEC:Various	5.381	-		-		-		-		Continuing	Continuing	Continuing
Operational Assessment	Various	Empire Challenge:CA.	-	1.800		-		-		-		0.000	1.800	0.000
Development Test/Operational Test Support for DCGS-A	Various	ATEC:ATEC	2.738	-		6.507		-		6.507		Continuing	Continuing	Continuing
JITC	Various	TBD:TBD	-	1.100		-		-		-		0.000	1.100	0.000
Subtotal			16.755	4.551		6.507		-		6.507				

		Total Prior Years Cost	FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals		292.344	31.649		40.876		-		40.876			

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2013 Army			DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 7: <i>Operational Systems Development</i>		R-1 ITEM NOMENCLATURE PE 0305208A: <i>Distributed Common Ground/ Surface Systems</i>		PROJECT 956: <i>Distributed Common Ground System (DCGS) (MIP)</i>	

	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017			
	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
Empire Challenge 11																												
Developmental Test/End User Test DSB 1.0																												
IOT&E DCGS-A Software Baseline (DSB)																												
Full Deployment Decision																												
Developmental Test/Operational Test DSB 1.1																												
Developmental Test/Operational Test DSB 1.2																												
Developmental Test/Operational Test DSB 1.3																												
Fielding & Training DSB 1.0																												
DSB 1.0 Initial Operational Capability																												
Fielding & Training DSB 1.1																												
Fielding & Training DSB 1.2																												
Fielding & Training DSB 1.3																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2013 Army			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0305208A: <i>Distributed Common Ground/ Surface Systems</i>	PROJECT 956: <i>Distributed Common Ground System (DCGS) (MIP)</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Empire Challenge 11	3	2011	4	2011
Developmental Test/End User Test DSB 1.0	4	2011	4	2011
IOT&E DCGS-A Software Baseline (DSB)	3	2012	4	2012
Full Deployment Decision	4	2012	4	2012
Developmental Test/Operational Test DSB 1.1	3	2013	3	2013
Developmental Test/Operational Test DSB 1.2	3	2014	3	2014
Developmental Test/Operational Test DSB 1.3	3	2015	3	2015
Fielding & Training DSB 1.0	1	2013	4	2013
DSB 1.0 Initial Operational Capability	3	2013	3	2013
Fielding & Training DSB 1.1	1	2014	1	2015
Fielding & Training DSB 1.2	2	2015	2	2016
Fielding & Training DSB 1.3	3	2016	4	2017

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COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
D15: <i>MUSE & TES TADSS (MIP)</i>	0.599	-	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles											

Note
Training Aids, Devices, Simulators and Simulations (TADSS) for the Tactical Exploitation System (TES), enables development and ingestion of sensors and battlespace updates into the moduling and simulation exercise tool (MUSE) for up-to-date pre-deployment training on the Tactical Exploitation System (TES), a Corps and Division multi-intelligence processor capability that has now transitioned into the Defense Common Ground System -Army (DCGS-A) program.

A. Mission Description and Budget Item Justification
funds Training Aids, Devices, Simulators and Simulations (TADSS) for the Tactical Exploitation System (TES). (Note: these funds and activities have transitioned to PM DCGS-A)

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Title: TADSS Articles: Description: Funding is provided for the following effort FY 2011 Accomplishments: Continue Training Aids, Devices, Simulators and Simulations (TADSS)	0.599 0	-	-	-	-
Accomplishments/Planned Programs Subtotals	0.599	-	-	-	-

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

D. Acquisition Strategy
Execute funds to support continued ingest of sensor and CONOPS changes to ensure modeling and simulation tools accurately reflect battlespace for optimal use in training and exercises.

E. Performance Metrics
Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.