Exhibit R-2, RDT&E Budget Item 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 0303150A: *WWMCCS/Global Command and Control System*					

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	12.606	23.899	14.443	-	14.443	13.995	13.290	12.950	9.687	Continuing	Continuing
C86: *ARMY GLOBAL C2 SYSTEM*	12.606	23.899	14.443	-	14.443	13.995	13.290	12.950	9.687	Continuing	Continuing

Note
Change Summary Explanation: No significant changes (+/-10%)

A. Mission Description and Budget Item Justification
Global Command and Control System-Army (GCCS-A): This project is the Army component system that directly supports the implementation of the Global Command and Control System Family of Systems. GCCS-A provides automated command and control tools for Army Strategic and Operational Theater Commanders to enhance warfighter capabilities throughout the spectrum of conflict during joint and combined operations in support of the National Security. The GCCS-A developed software systems dramatically improves the Army's ability to analyze courses of action; develop and manage Army Forces; and ensure feasibility of war plans. GCCS-A provides a client-server layered architecture and functional best-of-breed software applications to develop a totally integrated component of the Global Command and Control System Family of Systems that integrates the GCCS-Joint picture with the Army Battle Command Systems. The GCCS-A strategic tools have been modernized and replaced by Defense Readiness Reporting System - Army (DRRS-A), a suite of web based applications for Army Readiness, Force Registration and Force Projection.

B. Program Change Summary ($ in Millions)

	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Previous President's Budget	13.024	23.937	15.253	-	15.253
Current President's Budget	12.606	23.899	14.443	-	14.443
Total Adjustments	-0.418	-0.038	-0.810	-	-0.810
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-0.418	-0.038	-0.810	-	-0.810

PE 0303150A: *WWMCCS/Global Command and Control System*
Army

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 0303150A: *WWMCCS/Global Command and Control System* | | | | PROJECT
C86: *ARMY GLOBAL C2 SYSTEM* | | |

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
C86: *ARMY GLOBAL C2 SYSTEM*	12.606	23.899	14.443	-	14.443	13.995	13.290	12.950	9.687	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

Global Command and Control System-Army (GCCS-A): This project is the Army component of the Global Command and Control System Family of Systems (FoS). GCCS-A provides automated command and control tools, including Force readiness, planning and movement, and situational awareness, for Army Strategic and Operationa Theater commanders to enhance warfighter capabilities throughout the spectrum of conflict during Joint and combined operations in support of National Security. GCCS-A dramatically improves the Army's ability to analyze courses of action, develop and manage Army forces and execute war plans. GCCS-A links the GCCS-J Common Operating Picture with the Army Mission Command systems. GCCS-A will be modernized to meet evolving requirements to enterprise and web based architectures. GCCS-A strategic tools for readiness reporting have been modernized and replaced with the Defense Readiness Reporting System - Army (DRRS-A), a suite of web based applications for Army Readiness, Force Registration and Force Projection. Defense Readiness Report System - Army (DRRS-A) will implement the Global Force Management Data Initiative (GFM DI) for consumption of authoritative force structure data.

In response to the Congressional direction (Section 247 of Fiscal Year 2010 National Defense Authorization Act (NDAA)), GCCS-A will be included in the modernization of command and control systems within the Department of Defense (DoD) under the Joint Command and Control (JC2) framework. While sustaining and synchronizing current fielded operations, the Army will modernize and enhance current capabilities to support both the Service and Joint warfighter as part of a synchronized, orchestrated DoD wide effort that will transition the GCCS FoS into a more agile, net-centric, service oriented environment.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: GCCS-A/DRRS-A Software and System Engineering	0.248	0.317	0.317
Articles:	0	0	
Description: Software and System Engineering for GCCS-A and DRRS-A Modernization *FY 2011 Accomplishments:* Software and System Engineering for GCCS-A and DRRS-A Modernization *FY 2012 Plans:* Software and System Engineering for GCCS-A and DRRS-A Modernization *FY 2013 Plans:* Software and System Engineering for GCCS-A and DRRS-A Modernization			
Title: GCCS-A/DRRS-A Data Engineering	1.157	1.385	1.005
Articles:	0	0	

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 0303150A: *WWMCCS/Global Command and Control System*	PROJECT C86: *ARMY GLOBAL C2 SYSTEM*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Description: Data Engineering for GCCS-A and DRRS-A Modernization *FY 2011 Accomplishments:* Data Engineering for GCCS-A and DRRS-A Modernization *FY 2012 Plans:* Data Engineering for GCCS-A and DRRS-A Modernization *FY 2013 Plans:* Data Engineering for GCCS-A and DRRS-A Modernization			
Title: GCCS-A/DRRS-A Software Development of Automated Command and Control Tools *Articles:* *Description:* Software Development of Automated Command and Control Tools for GCCS-A and DRRS-A Modernization *FY 2011 Accomplishments:* Software Development of Automated Command and Control Tools for GCCS-A and DRRS-A Modernization *FY 2012 Plans:* Software Development of Automated Command and Control Tools for GCCS-A and DRRS-A Modernization *FY 2013 Plans:* Software Development of Automated Command and Control Tools for GCCS-A and DRRS-A Modernization	10.157 0	20.611 0	11.535
Title: GCCS-A/DRRS-A Test and Evaluation *Articles:* *Description:* Test and Evaluation for GCCS-A and DRRS-A Modernization *FY 2011 Accomplishments:* Test and Evaluation for GCCS-A and DRRS-A Modernization *FY 2012 Plans:* Test and Evaluation for GCCS-A and DRRS-A Modernization *FY 2013 Plans:* Test and Evaluation for GCCS-A and DRRS-A Modernization	0.133 0	0.643 0	0.643
Title: GCCS-A/DRRS-A Program Support and Management	0.911	0.943	0.943

Exhibit R-2A, RDT&E Project Justification: PB 2013 Army		DATE: February 2012
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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Articles:	0	0	
Description: Support and Management for GCCS-A and DRRS-A Modernization			
FY 2011 Accomplishments: Program Support and Management for GCCS-A and DRRS-A Modernization			
FY 2012 Plans: Program Support and Management for GCCS-A and DRRS-A Modernization			
FY 2013 Plans: Support and Management for GCCS-A and DRRS-A Modernization			
Accomplishments/Planned Programs Subtotals	12.606	23.899	14.443

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
• 373150: *Global Command & Control System-Army (GCCS-A)*	20.272	18.788	10.848		10.848					Continuing	Continuing

D. Acquisition Strategy

GCCS-A was slated for replacement by the future DoD Command and Control (C2) system, the Net Enabled Command Capability (NECC) program. The NECC program was cancelled by the Defense Acquisition Executive (DAE) on 2 November 2009. Under current plans, GCCS-A will be modernized to meet the requirements defined in the JC2 Capability Development Document (CDD), as well as align with the Joint and Army Enterprise architectures and Common Operating Environment (COE) standards.

GCCS-A must be maintained as a system until replaced by a new joint command and control capability. Based on the JC2 AoA determination, services are directed to transform the GCCS Family of Systems to a more agile, net-centric, service oriented environment. Post-AoA activities are on-going to determine the specific modernization efforts required to address the JC2 capabilities and the management and governance processes to implement them. Product Manager, Strategic Mission Command, remains actively engaged in the "Path Forward" planning activities. This provides an avenue to raise issues and make recommendations to assure that the Army's interests are protected and the GCCS-A program modernization is adequately defined and supported

In accordance with the Training and Doctrine Command (TRADOC) requirements document approved in 2008, entitled GCCS-A Mission Command Essential Capability, software capability will be developed in 2-year increments as capability sets designed to Collaborate, Collapse and Converge Mission Command products. The product development funded under this R-Form is an integral part of the Mission Command System of Systems, under a strategy designed to optimize opportunity

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 0303150A: *WWMCCS/Global Command and Control System*	**PROJECT** C86: *ARMY GLOBAL C2 SYSTEM*

for improved interoperability among the systems, to capture the benefits of competition where possible and to ensure the rapid integration of new capability into warfighter systems. This strategy is designed to reduce the physical footprint, logistics support requirements and increase operational efficiency.

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.

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 0303150A: *WWMCCS/Global Command and Control System*					**PROJECT** C86: *ARMY GLOBAL C2 SYSTEM*		

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
Program Office Management	Various	PM Mission Command:Aberdeen Proving Ground, Maryland	12.221	0.943		0.943		-		0.943	Continuing	Continuing	Continuing
		Subtotal	12.221	0.943		0.943		-		0.943			

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
Software Development (Completed Contracts)	Various	Lockheed Martin Corp (LMC):Springfield, VA	156.266	-		-		-		-	Continuing	Continuing	Continuing
GCCS-A and DRRS-A Modernization Software Development (Current Contract)	C/CPAF	Lockheed Martin Corp (LMC):Springfield, VA	9.457	13.096		-		-		-	Continuing	Continuing	0.000
Modernization Software Development (Future Contracts)	Various	To be determined:To be determined	-	6.142		10.162		-		10.162	Continuing	Continuing	0.000
Defense Readiness Reporting System-Army	Various	CACI Accenture:Eatontown, NJ	8.217	1.000		1.000		-		1.000	Continuing	Continuing	Continuing
Matrix	Various	CECOM:Aberdeen Proving Ground, MD	6.106	0.373		0.373		-		0.373	Continuing	Continuing	Continuing
System Engineering	Various	Various:Various	5.774	0.317		0.317		-		0.317	Continuing	Continuing	Continuing
		Subtotal	185.820	20.928		11.852		-		11.852			

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
Support Contractors	C/FP	Various:Various	12.880	1.385		1.005		-		1.005	Continuing	Continuing	Continuing

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 0303150A: *WWMCCS/Global Command and Control System*	PROJECT C86: *ARMY GLOBAL C2 SYSTEM*

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2012 Cost	Award Date	FY 2013 Base Cost	Award Date	FY 2013 OCO Cost	Award Date	FY 2013 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			12.880	1.385		1.005		-		1.005			

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2012 Cost	Award Date	FY 2013 Base Cost	Award Date	FY 2013 OCO Cost	Award Date	FY 2013 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
ATEC/JTIC/CTSF/SEC	MIPR	Various:Various	2.897	0.643		0.643		-		0.643	Continuing	Continuing	Continuing
Subtotal			2.897	0.643		0.643		-		0.643			

	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	213.818	23.899	14.443	-	14.443			

Remarks

Exhibit R-4, **RDT&E Schedule Profile:** 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 0303150A: *WWMCCS/Global Command and Control System*	**PROJECT** C86: *ARMY GLOBAL C2 SYSTEM*

	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
GCCS-A and DRRS-A Modernization Software Development COE 2											███	███	███	███														
GCCS-A and DRRS-A Modernization Software Development COE 3															███	███	███	███	███	███	███	███						

Exhibit R-4A, RDT&E Schedule Details: 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 0303150A: *WWMCCS/Global Command and Control System*	PROJECT C86: *ARMY GLOBAL C2 SYSTEM*

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
GCCS-A and DRRS-A Modernization Software Development COE 2	1	2013	4	2014
GCCS-A and DRRS-A Modernization Software Development COE 3	1	2015	4	2016