

# ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

May 2009

BUDGET ACTIVITY <b>7 - Operational system development</b>		PE NUMBER AND TITLE <b>0303150A - WWMCCS/Global Command and Control System</b>			
COST (In Thousands)	FY 2008 Actual	FY 2009 Estimate	FY 2010 Estimate	Cost to Complete	Total Cost
C86 ARMY GLOBAL C2 SYSTEM	24197	12879	12034		49110

**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 Command Authority (NCA). 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 DRRS-A, a suite of web based applications for Army Readiness, Force Registration and Force Projection. The DRRS-A applications are positioned for adoption into the future NECC joint program.

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<u><b>B. Program Change Summary</b></u>	FY 2008	FY 2009	FY 2010
Previous President's Budget (FY 2009)	24620	12922	14
Current BES/President's Budget (FY 2010)	24197	12879	12034
Total Adjustments	-423	-43	12020
Congressional Program Reductions		-43	
Congressional Rescissions			
Congressional Increases			
Reprogrammings	188		
SBIR/STTR Transfer	-611		
Adjustments to Budget Years			12020

Change Summary Explanation: Funding FY 10: +12020 increased funding to support continued GCCS-A interoperability with GCCS-J and ABCS.

# ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)

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<u><b>Accomplishments/Planned Program:</b></u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Perform Software and System Engineering Services	861	694	520
Accomplish Software Development of automated Command and Control tools	20272	9122	9007
Perform Data Engineering	491	1154	707
Conduct Test and Evaluation	1150	773	925
Perform Program Support and Management Efforts	1423	856	875
Small Business Innovative Research/Small Business Technology Transfer Programs		280	
<b>Total</b>	<b>24197</b>	<b>12879</b>	<b>12034</b>

<u><b>B. Other Program Funding Summary</b></u>	FY 2008	FY 2009	FY 2010	To Compl	Total Cost
BA8250 Global Command & Control System-Army (GCCSA)	30803	31420	22996	Continuing	Continuing

Comment:

**C. Acquisition Strategy** In accordance with the TRADOC requirements document approved in 2008, entitled GCCS-A Battle Command Essential Capability, software capability will be developed in 2-year increments as capability sets designed to Collaborate, Collapse and Converge Battle Command products. The product development funded under this

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PROJECT

**C86**

R-Form is an integral part of the Army Battle Command System (ABCS), a system of systems, under a strategy designed to optimize opportunity 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. DRRS-A strategy is based on annual release of software integrating HQDA (Office of Defense Readiness) directed changes.

# ARMY RDT&E COST ANALYSIS (R3)

May 2009

BUDGET ACTIVITY			PE NUMBER AND TITLE							PROJECT		
7 - Operational system development			0303150A - WWMCCS/Global Command and Control System							C86		
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Software Development	HYBRID	Lockheed Martin Corp, Springfield, VA	136391	14752	2-3Q	2000	1Q			Cont.	Cont.	Cont.
Software Development	HYBRID/Competitive	Follow-on Contracts TBD				2304	3Q	4841	1-2Q		7145	
Defense Readiness Reporting System-Army	PWD	Accenture, Camden, NJ	1748	3000	2Q	3100	2Q	2900	1-2Q		10748	
Developmental Hardware/Licensing	PWD	Various	5	851	1-4Q	255	1Q				1111	
Technical Management	In House	PM BC, Fort Monmouth, NJ	38101	1453	1-4Q	1152	1-4Q	940	1-2Q	Cont.	Cont.	Cont.
Matrix	MIPR	CECOM, Fort Monmouth, NJ & Fort Belvoir, VA	5189	216	1-2Q	311	1Q	326	1Q	Cont.	Cont.	Cont.
System Engineering	MIPR	Various	4777	861	1-4Q	694	1-4Q	520	1-2Q	Cont.	Cont.	Cont.
ABCS System Engineering & Integration Efforts	MIPR	PEO C3T, Fort Monmouth, NJ	1514								1514	1514
GFE	MIPR	Various	1464								1464	1465
Product Studies	MIPR	SAIC, VA	2391								2391	2391
COE Support	MIPR	Various	1766								1766	1766
Subtotal:			193346	21133		9816		9527		Cont.	Cont.	Cont.
II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract
FCBS/CSC	MIPR/Del Ord	Various	2389								2389	2389
INRI	MIPR	Various	200								200	200
Support Contractors			9347	491	2Q	1154	2Q	707	2Q	Cont.	Cont.	Cont.
Subtotal:			11936	491		1154		707		Cont.	Cont.	Cont.

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III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Government	MIPR	Various	4254	1079	2Q	573	2Q	600	2-3Q		6506	5106
EPG	MIPR	Various	786								786	786
ATEC	MIPR	Various	2602	71	1Q	200	1Q	325	1Q	Cont.	Cont.	Cont.
Subtotal:			7642	1150		773		925		Cont.	Cont.	Cont.

IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Program Office Management	In House	PM GC C2, NJ	8547	1423	1-4Q	856	1-4Q	875	1-4Q	Cont.	Cont.	Cont.
SBIR		PM BC NJ				280	2-4Q				280	
Subtotal:			8547	1423		1136		875		Cont.	Cont.	Cont.

<b>Project Total Cost:</b>	<b>221471</b>	<b>24197</b>		<b>12879</b>		<b>12034</b>		<b>Cont.</b>	<b>Cont.</b>	<b>Cont.</b>
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# Schedule Profile (R4 Exhibit)

May 2009

BUDGET ACTIVITY		PE NUMBER AND TITLE																PROJECT														
7 - Operational system development		0303150A - WWMCCS/Global Command and Control System																C86														
Event Name	FY 08				FY 09				FY 10				FY 11				FY 12				FY 13				FY 14				FY 15			
	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	1	2	3	4
Block 4.1 Software Development	Block 4.1																															
Block 4.2 Software Development					Block 4.2																											
Hardware Fielding					initial fielding and refresh hw																											
(1) NECC MS B									1																							

**Schedule Detail (R4a Exhibit)**

**May 2009**

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<u>Schedule Detail</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>
IT - IPT								
Software Development								
Block 4.1 Software Development	1Q - 4Q	1Q						
Block 4.2 Software Development	3Q - 4Q	1Q - 4Q	1Q - 4Q					
Hardware Fielding	1Q - 4Q	1Q - 4Q	1Q - 4Q	1Q - 3Q				
NECC MS B		4Q						
NECC MS C			4Q					