

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

February 2007

BUDGET ACTIVITY 7 - Operational system development		PE NUMBER AND TITLE 0305208A - Distributed Common Ground/Surface Systems (JMIP)								
COST (In Thousands)	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total Cost
Total Program Element (PE) Cost	92841	134313	81580	73974	17639	10270	15690	15690	Continuing	Continuing
956 Distributed Common Ground System (DCGS) (JMIP)	19516	24037	10941	11302	2020	2187	190	190	Continuing	Continuing
D06 DCGS-A FUSION INTEGRATION (JMIP)	17640	24290	24515	22896	4483	1107	7500	7500	Continuing	Continuing
D07 DCGS-A COMMON MODULES (JMIP)	45355	75231	34632	28201	6397	4319	7000	7000	Continuing	Continuing
D08 DCGS-A SENSOR INTEGRATION (JMIP)	9694	10093	10826	10907	4074	2003	1000	1000	Continuing	Continuing
D15 MUSE & TES TADSS (TIARA)	636	662	666	668	665	654				4590

A. Mission Description and Budget Item Justification: Distributed Common Ground System - Army (DCGS-A) will serve as the primary ground system of systems for airborne and ground sensor platforms. DCGS-A enables the commander to achieve situational understanding by leveraging multiple sources of data, information and intelligence to synchronize the elements of Joint and Combined Arms combat power to See First, Understand First, Act First and Finish Decisively. The core functions of DCGS-A are: receipt and processing of space, airborne, ground and maritime ISR sensor data; control of select Army and joint ISR sensor systems; intelligence synchronization; ISR planning, reconnaissance and surveillance (R&S) integration; fusion of sensor information, and direction and distribution/dissemination of sensor information. DCGS-A draws information from a wide variety of automated and manual sources; on-board sensors, space platforms and unattended air and ground vehicles to enable the land component commander to achieve situational understanding, execute battle command, synchronize fires and effects and rapidly shift battle focus to protect the force and employ his forces more effectively. DCGS-A allows commanders at all levels to visualize and understand the threat and environment, predict threat intentions, execute targeting through targeting support, conduct ISR integration and support Information Operations.

Project 956 provides the DCGS-A enterprise system level design, net-centric architecture and infrastructure, to include integration of the U.S. Air Force developed DCGS Integrated Backbone (DIB). Project D06 provides single and Multi-INT automated fusion capabilities. Project D07 funds Technology Insertion of DCGS-A capabilities into Current Force systems, and System Development and Demonstration (SDD), to include a common set of ISR analysis tools. D08 provides sensor integration to include sensor control, tasking and interoperability. Project D15 funds Training Aids, Devices, Simulators and Simulations (TADSS) for the Tactical Exploitation System (TES).

DCGS-A includes hardware for Fixed and Mobile configurations and common software that is scaleable and tailored by echelon and is interoperable with sensors, other Battlefield Operating Systems (BOS), and the DoD Distributed Common Ground/Surface System (DCG/SS) Family of Systems (FoS). Within the Brigade Combat Teams (BCTs), DCGS-A provides the Mobile ISR capability as well as an embedded software application on the Future Combat System (FCS) FoS and other select platforms. At the Corps, Division and Echelons Above Corps (EAC), DCGS-A is composed of hardware and software in Mobile and Fixed site configurations. As a system of systems, DCGS-A will consolidate and replace the capabilities found in the following Current Force systems: Joint Intelligence Operations Capability-Iraq (JIOC-I), All Source Analysis System (ASAS), CI/HUMINT Single Source Workstation, Tactical Exploitation System (TES), Guardrail Common Sensor (GRCS) Intelligence Processing Facility (IPF), Prophet Control, Common Ground Station (CGS), Digital Topographic Support System (DTSS) and Integrated Meteorological System (IMETS), sensor control and processing of select UAVs and Enhanced Trackwolf processing capabilities. DCGS-A is a key component of Transformation and a top Army priority.

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

February 2007

BUDGET ACTIVITY

7 - Operational system development

PE NUMBER AND TITLE

0305208A - Distributed Common Ground/Surface Systems (JMIP)

Empty justification box

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

February 2007

BUDGET ACTIVITY 7 - Operational system development	PE NUMBER AND TITLE 0305208A - Distributed Common Ground/Surface Systems (JMIP)
--	---

<u>B. Program Change Summary</u>	FY 2006	FY 2007	FY 2008	FY 2009
Previous President's Budget (FY 2007)	91859	120562	83369	75365
Current BES/President's Budget (FY 2008/2009)	92841	134313	81580	73974
Total Adjustments	982	13751	-1789	-1391
Congressional Program Reductions		-1499		
Congressional Rescissions				
Congressional Increases		15250		
Reprogrammings	982			
SBIR/STTR Transfer				
Adjustments to Budget Years			-1789	-1391

Conference Language:

- Project 956: + \$2.5 million for Asymmetric Threat Response and Analysis Project (ATRAP)
- Project 956: + \$2.150 million for Joint Visualization System (JVS)
- Project D08: + \$2.750 million for IMaG-ATC and Net-Centric Imagery Applications for Fixed and Mobile Sites of Multi-Services Distributed Common Ground System - Army (DCGS-A)
- Project 956: + \$4 million for Intelligence Data Exchange for Execution and Planning, Distributed Common Ground Systems
- Project 956: + \$1.050 million for Blast Risk Analysis and Mitigation Application
- Project 956: + \$1 million for Effects Based Approach to Operations
- Project 956: + \$1.8 million for National Defense Imagery Processing Program (NDIP).

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)

February 2007

BUDGET ACTIVITY 7 - Operational system development		PE NUMBER AND TITLE 0305208A - Distributed Common Ground/Surface Systems (JMIP)							PROJECT 956	
COST (In Thousands)	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total Cost
956 Distributed Common Ground System (DCGS) (JMIP)	19516	24037	10941	11302	2020	2187	190	190	Continuing	Continuing

A. Mission Description and Budget Item Justification: Distributed Common Ground System - Army (DCGS-A) will serve as the primary ground system of systems for Army airborne and ground sensor platforms defined as Future Force systems. DCGS-A enables the commander to achieve situational understanding by leveraging multiple sources of data, information, and intelligence to synchronize the elements of Joint and Combined Arms combat power (maneuver, maneuver support and maneuver sustainment support). The core functions of DCGS-A are: receipt and processing of space, airborne, ground and maritime ISR sensor data; control of select Army and joint ISR sensor systems; intelligence synchronization; ISR planning, reconnaissance and surveillance (R&S) integration; fusion of sensor information, and direction and distribution/dissemination of sensor information. It draws information from a wide variety of automated and manual sources; on-board sensors, space platforms, unattended air and ground vehicles, existing and new ISR capabilities, and an assortment of databases to enable the land component commander to execute battle command, synchronize fires and effects, rapidly shift battle focus, achieve situational understanding, protect the force, and employ forces more effectively. DCGS-A allows commanders at all levels to visualize, analyze and understand the threat and environment, predict threat intentions, execute targeting through targeting support, conduct ISR integration and support Information Operations.

This project establishes the DCGS-A Federated Network Centric Enterprise, facilitating system integration and network-enabled capability of existing and future intelligence, surveillance and reconnaissance (ISR) ground stations, eventually consolidating these capabilities into a single system of systems. An enterprise level approach based on a Service Oriented Architecture (SOA) will provide Commanders' and Staffs' access to various ISR ground station information from any ground station, and data exchange between Army ISR ground stations for improved intelligence sharing and understanding. DCGS-A will achieve joint, allied and coalition interoperability through implementation of the 10.2 DCGS Integration Backbone (DIB) to access other Services data and information that is critical to the Land Component Commander.

FY08 funds design, development and test of the DCGS-A enterprise level architecture supporting Fixed, Mobile and Interim Set configurations.

<u>Accomplishments/Planned Program:</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
Joint interoperability test and evaluation to include CTSF testing and FCS 1.1.	520	3497	3050	3410
Design and development of DCGS-A enterprise level net-centric architecture in support of Current and Future Force systems.	5965	7036	6706	6572
Evaluate, integrate and test new software applications and components for incorporation into the DCGS-A baseline.	5531	1004	1185	1320
Intelligence Data Exchange for Execution and Planning (IDEEP)	3400	4000		
National Defense Imagery Processing Program	4100	1800		
Asymmetric Threat Response and Analysis Project (ATRAP)		2500		
Joint Visualization System		2150		
Blast Risk Analysis and Mitigation Application		1050		

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)

February 2007

BUDGET ACTIVITY 7 - Operational system development	PE NUMBER AND TITLE 0305208A - Distributed Common Ground/Surface Systems (JMIP)	PROJECT 956
Effects Based Approach to Operations		1000
Total	19516	24037

<u>B. Other Program Funding Summary</u>	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Compl	Total Cost
PE 0604321 CI/HUMINT Software Products (B41) (TIARA)	918	3242	1644	1721	3017	3223	3500	3700	Continuing	Continuing
BK5275 CI HUMINT Info Management System	7592	19625	26310	35087	10215	12494	10500	10500	Continuing	Continuing
BZ7316	39327	65161	114842	112227	167228	150085	160177	164856	Continuing	Continuing

Comment:

C. Acquisition Strategy DCGS-A will be executed via an evolutionary acquisition approach, providing incremental capability through Technology Insertion of Current Force systems and system development and demonstration (SDD) of CDD requirements. Each increment will incorporate and validate select DCGS-A capabilities into the overall DCGS-A system baseline, emphasizing migration of current force capabilities through integrated testing and continuous evaluation opportunities.

ARMY RDT&E COST ANALYSIS (R3)

February 2007

BUDGET ACTIVITY			PE NUMBER AND TITLE									PROJECT		
7 - Operational system development			0305208A - Distributed Common Ground/Surface Systems (JMIP)									956		
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
SETA Support to Visualization/Data Sharing, Modeling & Simulation	T&M	Booz-Allen, Eatontown, NJ	8611	2417	1Q	1780	2Q	1850	2Q	1970	2Q	Cont.	Cont.	Cont.
DCGS-A Product Selection and Integration	MIPR	CERDEC/Battle Labs	11150	1580	2Q	2784	1-2Q	2265	1-2Q	2110	1-2Q	Cont.	Cont.	Cont.
SIL Software Integration	MIPR	CERDEC/RDCOM Ft. Monmouth, NJ	1125	3820	1-4Q	1520	1-4Q	1366	1-4Q	1652	1-4Q	Cont.	Cont.	Cont.
Metadata Catalog	T&M	MITRE, Eatontown, NJ		2363	1-3Q	2288	2Q	2460	2Q	2570	2Q	Cont.	Cont.	Cont.
Intelligence Data Exchange for Execution and Planning (IDEEP)	MIPR	Battle Labs		3400	2Q	4000	2Q						7400	
National Defense Imagery Processing Program	MIPR	Battle Labs		4100	2Q	1800	2Q						5900	
Asymmetric Threat Response and Analysis Project	MIPR	Battle Labs				2500	2Q						2500	
Joint Visualization System	MIPR	Battle Labs				2150	2Q						2150	
Blast Risk Analysis and Mitigation Application	MIPR	Battle Labs				1050	2Q						1050	
Subtotal:			20886	17680		19872		7941		8302		Cont.	Cont.	Cont.
II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Objective Doctrine/TTP Development	MIPR	Ft. Huachuca, AZ	6623	100	2Q	100	2Q	100	2Q	100	2Q	Cont.	Cont.	Cont.
Matrix Support	MIPR	CECOM, Fort Monmouth NJ	4374	500	1Q	600	1Q	600	1Q	600	1Q	Cont.	Cont.	Cont.
Subtotal:			10997	600		700		700		700		Cont.	Cont.	Cont.

ARMY RDT&E COST ANALYSIS (R3)

February 2007

BUDGET ACTIVITY **7 - Operational system development** PE NUMBER AND TITLE **0305208A - Distributed Common Ground/Surface Systems (JMIP)** PROJECT **956**

III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Joint Interoperability Test and Evaluation	MIPR	CTSF, Ft. Hood	2138	400	1-2Q	325	2Q	250	2Q	250	2Q		3363	
Operational Test support for DCGS-A	MIPR	ATEC		336	1Q	1997	2Q	1450	2Q	1350			5133	
Subtotal:			2138	736		2322		1700		1600			8496	

IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Project Management	In-House	PM, DCGS-A	4932	500	1Q	1143	1Q	600	1Q	700	1Q	Cont.	Cont.	Cont.
Subtotal:			4932	500		1143		600		700		Cont.	Cont.	Cont.

Project Total Cost: **38953** **19516** **24037** **10941** **11302** **Cont.** **Cont.** **Cont.**

Schedule Profile (R4 Exhibit)

February 2007

BUDGET ACTIVITY
7 - Operational system development

PE NUMBER AND TITLE
0305208A - Distributed Common Ground/Surface Systems (JMIP)

PROJECT
956

Event Name	FY 06				FY 07				FY 08				FY 09				FY 10				FY 11				FY 12				FY 13			
	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
(1) Fixed Site Initial Operational Capability (IOC)					▲ ₁ Fixed Site IOC																											
(2) Version 3 Intra-Army Interoperability Certification (IAIC)									▲ ₂ Version 3 IAIC																							
(3) Version 3 Operational Assessment (OA)									▲ ₃ Version 3 OA																							
(4) DCGS-A Participation in FCS Ex 1.1									▲ ₄ FCS Ex 1.1																							
(5) Version 3 Fielding to OIF/OEF (Displaces ASAS-L)									▲ ₅ Version 3 Fielding to OIF/OEF																							
(6) Version 4 IAIC									▲ ₆ Version 4 IAIC																							
(7) Version 4 Limited User Test (LUT for BCT Fielding)									▲ ₇ Version 4 LUT																							
(8) Version 4 Milestone C									▲ ₈ Version 4 MS C																							
(9) Version 4 First Unit Equipped (FUE)									▲ ₉ Version 4 FUE																							
(10) Version 5 Milestone B									▲ ₁₀ Version 5 MS B																							
(11) Version 4 Operational Assessment (OA Supports Interim Set Fielding)									▲ ₁₁ Version 4 OA for Interim Set																							

Schedule Profile (R4 Exhibit)

February 2007

BUDGET ACTIVITY
7 - Operational system development

PE NUMBER AND TITLE
0305208A - Distributed Common Ground/Surface Systems (JMIP)

PROJECT
956

Event Name	FY 06				FY 07				FY 08				FY 09				FY 10				FY 11				FY 12				FY 13			
	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
(12) Version 4 Initial Operational Test & Eval (IOT&E)																	▲ ₁₂ Version 4 IOT&E															

Schedule Detail (R4a Exhibit)

February 2007

BUDGET ACTIVITY 7 - Operational system development	PE NUMBER AND TITLE 0305208A - Distributed Common Ground/Surface Systems (JMIP)	PROJECT 956
---	--	------------------------------

<u>Schedule Detail</u>	<u>FY 2006</u>	<u>FY 2007</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>
Fixed Site Initial Operational Capability (IOC)	4Q							
Version 3 Intra-Army Interoperability Certification (IAIC)		2Q						
Version 3 Operational Assessment (OA)		2Q						
DCGS-A Participation in FCS Ex 1.1		2Q						
Version 3 Fielding to OIF/OEF (Displaces ASAS-L)		4Q						
Version 4 IAIC			1Q					
Version 4 Limited User Test (LUT for BCT Fielding)			2Q					
Version 4 Milestone C			3Q					
Version 4 First Unit Equipped (FUE)			4Q					
Version 5 Milestone B				2Q				
Version 4 Operational Assessment (OA Supports Interim Set Fielding)				3Q				
Version 4 Initial Operational Test & Eval (IOT&E)					2Q			

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)

February 2007

BUDGET ACTIVITY 7 - Operational system development			PE NUMBER AND TITLE 0305208A - Distributed Common Ground/Surface Systems (JMIP)						PROJECT D06	
COST (In Thousands)	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total Cost
D06 DCGS-A FUSION INTEGRATION (JMIP)	17640	24290	24515	22896	4483	1107	7500	7500	Continuing	Continuing

A. Mission Description and Budget Item Justification: Distributed Common Ground System - Army (DCGS-A) will serve as the primary ground system of systems for airborne and ground sensor platforms defined as Future Force systems. DCGS-A enables the commander to achieve situational understanding by leveraging multiple sources of data, information, and intelligence to synchronize the elements of Joint and Combined Arms combat power (maneuver, maneuver support and maneuver sustainment support). The core functions of DCGS-A are: collection and processing of space, airborne, ground and maritime ISR sensor data; control of select Army and joint ISR sensor systems; intelligence synchronization; ISR planning, reconnaissance and surveillance (R&S) integration; fusion of sensor information, and direction and distribution/dissemination of sensor information. It draws information from a wide variety of automated and manual sources; on-board sensors, space platforms, unattended air and ground vehicles, existing and new ISR capabilities, and an assortment of databases to enable the land component commander to execute battle command, synchronize fires and effects, rapidly shift battle focus, achieve situational understanding, protect the force, and employ his forces more effectively. DCGS-A allows commanders at all levels to visualize and understand the threat and environment, predict threat intentions, execute targeting through targeting support, conduct ISR integration and support Information Operations.

This project establishes DCGS-A sensor fusion and all source production capabilities, leveraging previously completed algorithm, on-going Future Combat System (FCS) and Science and Technology (S&T) developmental efforts to meet the requirements for battle management and situational awareness, intelligence preparation of the battlespace (battle damage assessments, course of action/predictive analysis, wargaming), target development (deliberate, time critical, high value/high payoff), collection/ISR management (requirement and mission), electronic warfare/countermeasures, force protection, indications and warnings, operational security, and battlefield visualization and presentation. The Sensor Fusion capability will address both traditional intelligence disciplines (signals intelligence, imagery intelligence, human intelligence, measurements and signatures intelligence) from organic, Theater, and National assets (systems and databases), and non-traditional sources (open source intelligence, fire support) to achieve a complete and universal understanding of the situation in support of the commander/warfighter, battle command databases, and the Common Operational Picture (COP). The sensor fusion capability will support all types of units across a broad spectrum of both traditional and non-traditional (e.g., SASO, SSC, NEO) operations, and improve interoperability with Joint, Allied, and Coalition forces.

FY08 funds the development and integration of traditional and non-traditional multi-intelligence sensor fusion products and technologies into the DCGS-A Fixed and Mobile configurations to produce a fully automated fusion capability.

<u>Accomplishments/Planned Program:</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
Normalization and integration of sensor fusion process and Multi-INT sources, geospatial and weather data.	6575	5855	5235	4875
Enhance controlled interface technology for improved product distribution at multiple security levels.	2439	2482	2059	2119
Studies, analysis, and prototyping for porting sensor fusion mission applications into the FCS environment.	1510	1899	1285	1065
Migration of sensor fusion processes and Current Force systems capabilities into DCGS-A architecture/SOA environment.	7116	14054	15936	14837
Total	17640	24290	24515	22896

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)

February 2007

BUDGET ACTIVITY

7 - Operational system development

PE NUMBER AND TITLE

0305208A - Distributed Common Ground/Surface Systems (JMIP)

PROJECT

D06

B. Other Program Funding Summary Not applicable for this item.

C. Acquisition Strategy DCGS-A will be executed via an evolutionary acquisition approach, providing incremental capability through Technology Insertion of Current Force systems and system development and demonstration (SDD) of CDD requirements. Each increment will incorporate and validate select DCGS-A capabilities into the overall DCGS-A system baseline, emphasizing migration of current force capabilities through integrated testing and continuous evaluation opportunities.

ARMY RDT&E COST ANALYSIS (R3)

February 2007

BUDGET ACTIVITY			PE NUMBER AND TITLE									PROJECT		
7 - Operational system development			0305208A - Distributed Common Ground/Surface Systems (JMIP)									D06		
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Enhancement of interfaces between sensor fusion processes and various INT domains	MIPR	PM IE, Ft. Belvoir	4237	7175	1Q	917	1Q	950	2Q	975	2Q	Cont.	Cont.	Cont.
Integrate FCS fusion capabilities into V3 baseline	MIPR	PM FCS BCT, Warren, MI	3156	500	2-3Q	500	2-3Q	1050	2Q	1275	2Q	Cont.	Cont.	Cont.
Transition of sensor fusion processes and Current Force systems capabilities to DCGS-A	MIPR	CERDEC/RDCOM		5749	1-4Q	3250	1-4Q	2575	1-2Q	2180	1-2Q	Cont.	Cont.	Cont.
Integration of sensor fusion processes into DCGS-A Mobile configuration	MIPR	ASPO, Ft. Belvoir		1216	3Q	15697	2Q	16390	2Q	15349	2Q	Cont.	Cont.	Cont.
Integration of Overwatch capability	MIPR	PM IE		1100	1-2Q	1026	1-2Q	1050	1-2Q	920	1-2Q	Cont.	Cont.	Cont.
Subtotal:			7393	15740		21390		22015		20699		Cont.	Cont.	Cont.
II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Matrix Support	MIPR	CECOM/RDCOM, Ft. Monmouth, NJ	500	620	1Q	620	1Q	650	1Q	680	1Q	Cont.	Cont.	Cont.
SETA Support	Competitive T&M	Sytex, Vienna, VA	2050	880	1Q	980	1Q	1020	1Q	1040	1Q	Cont.	Cont.	Cont.
Subtotal:			2550	1500		1600		1670		1720		Cont.	Cont.	Cont.
III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract

ARMY RDT&E COST ANALYSIS (R3)

February 2007

BUDGET ACTIVITY 7 - Operational system development			PE NUMBER AND TITLE 0305208A - Distributed Common Ground/Surface Systems (JMIP)								PROJECT D06			
Test & Evaluation	MIPR	ATEC/EPG		150	1Q	950	1Q	348	1Q			Cont.	Cont.	Cont.
Subtotal:				150		950		348				Cont.	Cont.	Cont.

IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Project Management	In House	PM I&E/DCGS-A	350	250	1-2Q	350	1-2Q	482		477		Cont.	Cont.	Cont.
Subtotal:			350	250		350		482		477		Cont.	Cont.	Cont.

Project Total Cost:	10293	17640		24290		24515		22896		Cont.	Cont.	Cont.
----------------------------	--------------	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--------------	--------------

Schedule Profile (R4 Exhibit)

February 2007

BUDGET ACTIVITY
7 - Operational system development

PE NUMBER AND TITLE
0305208A - Distributed Common Ground/Surface Systems (JMIP)

PROJECT
D06

Event Name	FY 06				FY 07				FY 08				FY 09				FY 10				FY 11				FY 12				FY 13			
	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
(1) Fixed Site Initial Operational Capability					▲ ₁ Fixed Site IOC																											
(2) DCGS-A Version 3 Intra-Army Interoperability Certification (IAIC)									▲ ₂ Version 3 IAIC																							
(3) Version 3 Operational Assessment (OA)									▲ ₃ Version 3 OA																							
(4) DCGS-A Participation in FCS Ex 1.1									▲ ₄ FCS Ex 1.1																							
(5) Version 3 Fielding to OIF/OEF (Displaces ASAS-L)									▲ ₅ Version 3 Fielding to OIF/OEF																							
(6) Version 4 IAIC									▲ ₆ Version 4 IAIC																							
(7) Version 4 Limited User Test (LUT for BCT Fielding)									▲ ₇ Version 4 LUT																							
(8) Version 4 Milestone C									▲ ₈ Version 4 MS C																							
(9) Version 4 First Unit Equipped (FUE)									▲ ₉ Version 4 FUE																							
(10) Version 5 Milestone B									▲ ₁₀ Version 5 MS B																							
(11) Version 4 Operational Assessment (OA Supports Interim Set Fielding)									▲ ₁₁ Version 4 OA for Interim Set																							

Schedule Profile (R4 Exhibit)

February 2007

BUDGET ACTIVITY
7 - Operational system development

PE NUMBER AND TITLE
0305208A - Distributed Common Ground/Surface Systems (JMIP)

PROJECT
D06

Event Name	FY 06				FY 07				FY 08				FY 09				FY 10				FY 11				FY 12				FY 13			
	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
(12) Version 4 Initial Operational Test & Eval (IOT&E)																	▲ ₁₂ Version 4 IOT&E															

Schedule Detail (R4a Exhibit)

February 2007

BUDGET ACTIVITY
7 - Operational system development

PE NUMBER AND TITLE
0305208A - Distributed Common Ground/Surface Systems (JMIP)

PROJECT
D06

<u>Schedule Detail</u>	<u>FY 2006</u>	<u>FY 2007</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>
Fixed Site Initial Operational Capability	4Q							
DCGS-A Version 3 Intra-Army Interoperability Certification (IAIC)		2Q						
Version 3 Operational Assessment (OA)		2Q						
DCGS-A Participation in FCS Ex 1.1		2Q						
Version 3 Fielding to OIF/OEF (Displaces ASAS-L)		4Q						
Version 4 IAIC			1Q					
Version 4 Limited User Test (LUT for BCT Fielding)			2Q					
Version 4 Milestone C			3Q					
Version 4 First Unit Equipped (FUE)			4Q					
Version 5 Milestone B				2Q				
Version 4 Operational Assessment (OA Supports Interim Set Fielding)				3Q				
Version 4 Initial Operational Test & Eval (IOT&E)					2Q			

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)

February 2007

BUDGET ACTIVITY 7 - Operational system development			PE NUMBER AND TITLE 0305208A - Distributed Common Ground/Surface Systems (JMIP)						PROJECT D07	
COST (In Thousands)	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total Cost
D07 DCGS-A COMMON MODULES (JMIP)	45355	75231	34632	28201	6397	4319	7000	7000	Continuing	Continuing

A. Mission Description and Budget Item Justification: Distributed Common Ground System - Army (DCGS-A) will serve as the primary ground system of systems for airborne and ground sensor platforms defined as Objective Force systems. DCGS-A enables the commander to achieve situational understanding by leveraging multiple sources of data, information, and intelligence to synchronize the elements of Joint and Combined Arms combat power (maneuver, maneuver support and maneuver sustainment support). The core functions of DCGS-A are: collection and processing of space, airborne, ground and maritime ISR sensor data; control of select Army and joint ISR sensor systems; intelligence synchronization; ISR planning, reconnaissance and surveillance (R&S) integration; fusion of sensor information, and direction and distribution/dissemination of sensor information. It draws information from a wide variety of automated and manual sources; on-board sensors, space platforms, unattended air and ground vehicles, existing and new ISR capabilities, and an assortment of databases to enable the land component commander to execute battle command, synchronize fires and effects, rapidly shift battle focus, achieve situational understanding, protect the force, and employ his forces more effectively. DCGS-A allows commanders at all levels to visualize and understand the threat and environment, predict threat intentions, execute targeting through targeting support, conduct ISR integration and support Information Operations.

This project provides for the design, development, integration and test of the DCGS-A system of systems at all echelons, from embedded DCGS-A up to Fixed Site operations. The effort includes system engineering, software integration and development, test & evaluation, and use of M&S to develop DCGS-A Mobile systems with common multi-function hardware and software combinations (i.e. user workstations) capable of performing all DCGS-A functions. Development will focus on common module hardware and software that is scalable to allow commanders increased flexibility in the intelligence force package deployed such that it can be tailored to the echelon, location, and mission that DCGS-A will be required to support. Included in the development will be the stand-up of a Federated Systems Integration Lab (SIL) to assess and implement existing and new candidate software applications and components into the DCGS-A baseline design. A common set of ISR Analysis Tools to support collaboration, exploitation, fusion and collection management will be developed that operate within the construct of distributed, reach operations within the DCGS-A enterprise in order to maximize data access and minimize forward footprint. This will ultimately result in a DCGS-A design that reduces physical and logistics footprint, eases training burden, and decreases sustainability requirements.

FY08 funds Technology Insertion of DCGS-A capabilities into Current Force systems (Interim Sets), common module multi-function hardware, and integration and test of the V4 Mobile configuration. The System Integration Lab (SIL) will evaluate candidate software applications for integration of Joint common components and interoperability amongst the Services.

Accomplishments/Planned Program:	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
SIL design, planning and implementation to include integration of 10.2 DIB and the JIOC-I Brain.	6550	3683		
Embedded DCGS-A design/analysis and FCS support.	2550	2950	3060	3140
Evaluate, integrate and test existing and new software applications. Integrate Best Value components from DoD wide systems into DCGS-A baseline.	19872	37743	6670	3350

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)

February 2007

BUDGET ACTIVITY 7 - Operational system development	PE NUMBER AND TITLE 0305208A - Distributed Common Ground/Surface Systems (JMIP)				PROJECT D07			
Two-way Battle Command to include Joint Command and Control (JC2) interoperability.	6033	8125	3175	2475				
Technology Insertion of integrated DCGS-A baseline into Current Force systems.	10350	22730	21727	19236				
Total	45355	75231	34632	28201				

<u>B. Other Program Funding Summary</u>	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Compl	Total Cost
BZ7316 DCGS-A Unit of Employment	38003	65424	96042	100227	155275	167162			Continuing	619466

Comment:

C. Acquisition Strategy DCGS-A will be executed via an evolutionary acquisition approach, providing incremental capability through Technology Insertion of Current Force systems and system development and demonstration (SDD) of CDD requirements. Each increment will incorporate and validate select DCGS-A capabilities into the overall DCGS-A system baseline, emphasizing migration of current force capabilities through integrated testing and continuous evaluation opportunities.

ARMY RDT&E COST ANALYSIS (R3)

February 2007

BUDGET ACTIVITY			PE NUMBER AND TITLE									PROJECT		
7 - Operational system development			0305208A - Distributed Common Ground/Surface Systems (JMIP)									D07		
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Embedded DCGS-A scalability design/analysis and FCS support	Competitive CPIF/CPAF	Boeing Corp, CA	5000	2550	2Q	2805	2Q	2850	2Q	2775	2Q	Cont.	Cont.	Cont.
System integration and test support for Spirals 1, 2 & 3	Sole Source CPIF/CPAF	Northrup Grumman, Linthicum, MD	5573											
Evaluate, integrate and test existing and new software applications and components into DCGS-A SOA	Sole Source CPIF/CPAF	Northrup Grumman, Linthicum, MD	3767	21460	2Q	30720	2Q	5640	2Q	3150	2Q	Cont.	Cont.	Cont.
Technology Insertion of integrated DCGS-A baseline into Current Force systems	Multiple FFP/CPFF	Program of Record Contractors		10050	2-3Q	23778	1-3Q	14895	1-3Q	12875	1-3Q	Cont.	Cont.	Cont.
SIL design, planning and implementation of 10.2 DIB, JIOC-I Brain, and V3/V4	Sole Source	CERDEC, Ft. Monmouth	5000	5950	1Q	5580	1Q	2162	1Q	576	1Q	Cont.	Cont.	Cont.
FIA/TES-M Migration to Fixed Site	Sole Source	ASPO/Northrop Grumman	16800										16800	
Subtotal:			36140	40010		62883		25547		19376		Cont.	Cont.	Cont.
II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Matrix Support	MIPR	RDCOM/CECOM, Ft. Monmouth, NJ	1124	950	1Q	1125	1Q	1240	1Q	1285	1Q	Cont.	Cont.	Cont.
SETA Support	Competitive T&M	Booz-Allen Hamilton	500	1138	1-2Q	1150	1-2Q						2788	
SETA Support	Competitive T&M	TBD				3870	1-2Q	4965		5150			13985	
Subtotal:			1624	2088		6145		6205		6435		Cont.	Cont.	Cont.

ARMY RDT&E COST ANALYSIS (R3)

February 2007

BUDGET ACTIVITY 7 - Operational system development	PE NUMBER AND TITLE 0305208A - Distributed Common Ground/Surface Systems (JMIP)	PROJECT D07
--	---	-----------------------

III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Test support	MIPR	ATEC	97	1480	2Q		2Q						1577	
Subtotal:			97	1480									1577	

IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Project Management	In House	PM DCGS-A	1875	1777	1Q	6203	1Q	2880		2390		Cont.	Cont.	Cont.
Subtotal:			1875	1777		6203		2880		2390		Cont.	Cont.	Cont.

Project Total Cost:			39736	45355		75231		34632		28201		Cont.	Cont.	Cont.
----------------------------	--	--	--------------	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--------------	--------------

Schedule Profile (R4 Exhibit)

February 2007

BUDGET ACTIVITY
7 - Operational system development

PE NUMBER AND TITLE
0305208A - Distributed Common Ground/Surface Systems (JMIP)

PROJECT
D07

Event Name	FY 06				FY 07				FY 08				FY 09				FY 10				FY 11				FY 12				FY 13			
	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
(1) Fixed Site Initial Operational Capability (IOC)					▲ ₁ Fixed Site IOC																											
(2) Version 3 Intra-Army Interoperability Certification (IAIC)									▲ ₂ Version 3 IAIC																							
(3) Version 3 Operational Assessment (OA)									▲ ₃ Version 3 OA																							
(4) DCGS-A Participation in FCS Ex 1.1									▲ ₄ FCS Ex 1.1																							
(5) Version 3 Fielding to OIF/OEF (Displaces ASAS-L)									▲ ₅ Version 3 Fielding to OIF/OEF																							
(6) Version 4 IAIC									▲ ₆ Version 4 IAIC																							
(7) Version 4 Limited User Test (LUT for BCT Fielding)									▲ ₇ Version 4 LUT																							
(8) Version 4 Milestone C									▲ ₈ Version 4 MS C																							
(9) Version 4 First Unit Equipped (FUE)									▲ ₉ Version 4 FUE																							
(10) Version 4 Operational Assessment (OA Supports Interim Set Fielding)									▲ ₁₀ Version 4 OA for Interim Set																							
(11) Version 4 Initial Operational Test & Eval (IOT&E)									▲ ₁₁ Version 4 IOT&E																							

Schedule Detail (R4a Exhibit)

February 2007

BUDGET ACTIVITY
7 - Operational system development

PE NUMBER AND TITLE
0305208A - Distributed Common Ground/Surface Systems (JMIP)

PROJECT
D07

<u>Schedule Detail</u>	<u>FY 2006</u>	<u>FY 2007</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>
Fixed Site Initial Operational Capability (IOC)	4Q							
Version 3 Intra-Army Interoperability Certification (IAIC)		2Q						
Version 3 Operational Assessment (OA)		2Q						
DCGS-A Participation in FCS Ex 1.1		2Q						
Version 3 Fielding to OIF/OEF (Displaces ASAS-L)		4Q						
Version 4 IAIC			1Q					
Version 4 Limited User Test (LUT for BCT Fielding)			2Q					
Version 4 Milestone C			3Q					
Version 4 First Unit Equipped (FUE)			4Q					
Version 4 Operational Assessment (OA Supports Interim Set Fielding)				3Q				
Version 4 Initial Operational Test & Eval (IOT&E)					2Q			

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)

February 2007

BUDGET ACTIVITY 7 - Operational system development			PE NUMBER AND TITLE 0305208A - Distributed Common Ground/Surface Systems (JMIP)						PROJECT D08	
COST (In Thousands)	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total Cost
D08 DCGS-A SENSOR INTEGRATION (JMIP)	9694	10093	10826	10907	4074	2003	1000	1000	Continuing	Continuing

A. Mission Description and Budget Item Justification: Distributed Common Ground System - Army (DCGS-A) will serve as the primary ground system of systems for airborne and ground sensor platforms defined as Future Force systems. DCGS-A enables the commander to achieve situational understanding by leveraging multiple sources of data, information, and intelligence to synchronize the elements of Joint and Combined Arms combat power (maneuver, maneuver support and maneuver sustainment support). The core functions of DCGS-A are: collection and processing of space, airborne, ground and maritime ISR sensor data; control of select Army and joint ISR sensor systems; intelligence synchronization; ISR planning, reconnaissance and surveillance (R&S) integration; fusion of sensor information, and direction and distribution/dissemination of sensor information. It draws information from a wide variety of automated and manual sources; on-board sensors, space platforms, unattended air and ground vehicles, existing and new ISR capabilities, and an assortment of databases to enable the land component commander to execute battle command, synchronize fires and effects, rapidly shift battle focus, achieve situational understanding, protect the force, and employ his forces more effectively. DCGS-A allows commanders at all levels to visualize and understand the threat and environment, predict threat intentions, execute targeting through targeting support, conduct ISR integration and support Information Operations.

This project addresses ISR sensor integration and interoperability with existing and new platforms and sensors to include a common data link solution.

FY08 funds transition, test, integration and training of new and Current Force sensors into the DCGS-A system design and architecture.

<u>Accomplishments/Planned Program:</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
Isolate and integrate Current Force Multi-INT sensor (HUMINT, IMINT, SIGINT, MASINT) modules into the DCGS-A network.	3640	3261	2859	2344
Planning and analysis of Future Force Multi-INT sensor modules for incorporation into the DCGS-A network.	950	1152	4276	4319
Refactor Current Force ISR capabilities in the DCGS-A infrastructure.	4579	2104	1606	1020
Develop training materials for V3, V4 Mobile and Interim Set systems.	525	826	2085	3224
IMaG-ATC and Net-Centric Imagery Applications for Fixed and Mobile Sites of Multi-Services DCGS-A		2750		
Total	9694	10093	10826	10907

<u>B. Other Program Funding Summary</u>	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Compl	Total Cost
BZ7316 DCGS-A Unit of Employment	38003	65424	96042	100227	155275	167162			Continuing	619466

Comment:

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)

February 2007

BUDGET ACTIVITY

7 - Operational system development

PE NUMBER AND TITLE

0305208A - Distributed Common Ground/Surface Systems (JMIP)

PROJECT

D08

C. Acquisition Strategy DCGS-A will be executed via an evolutionary acquisition approach, providing incremental capability through Technology Insertion of Current Force systems and system development and demonstration (SDD) of CDD requirements. Each increment will incorporate and validate select DCGS-A capabilities into the overall DCGS-A system baseline, emphasizing migration of current force capabilities through integrated testing and continuous evaluation opportunities.

ARMY RDT&E COST ANALYSIS (R3)

February 2007

BUDGET ACTIVITY			PE NUMBER AND TITLE									PROJECT		
7 - Operational system development			0305208A - Distributed Common Ground/Surface Systems (JMIP)									D08		
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Develop and Integrate DCGS-A Multi-INT Sensor Modules	MIPR	CERDEC, Ft. Monmouth	5827	3620	2Q	3493	1Q	3060	2Q	2666	2Q	Cont.	Cont.	Cont.
Analysis of Future Force Multi-INT sensor modules for DCGS-A network	MIPR	CERDEC, Ft. Monmouth		925	2Q	1900	2Q	3941	2Q	4100	2Q	Cont.	Cont.	Cont.
Develop and Integrate components for sensor data distribution in DCGS-A	Sole Source CPIF	SRE, Susquehanna, PA	2498	3000	2Q	2700	1Q					Cont.	Cont.	Cont.
Develop training materials	T&M	JHT, Orlando, FL		519		780	2Q	2575	2Q	2881	2Q	Cont.	Cont.	Cont.
Subtotal:			8325	8064		8873		9576		9647		Cont.	Cont.	Cont.
II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Matrix Support	MIPR	CECOM	225	150	1Q	200	1Q	200	1Q	200		Cont.	Cont.	Cont.
Subtotal:			225	150		200		200		200		Cont.	Cont.	Cont.
III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Integration and test of Current Force sensor modules into DCGS-A Spirals.	Competitive CPIF/CPAF	Northrop Grumman, Linthicum, MD	833										833	
Subtotal:			833										833	

ARMY RDT&E COST ANALYSIS (R3)

February 2007

BUDGET ACTIVITY 7 - Operational system development	PE NUMBER AND TITLE 0305208A - Distributed Common Ground/Surface Systems (JMIP)	PROJECT D08
---	--	------------------------------

IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Program Management	In House	PM DCGS-A	1029	1480	1Q	1020	1Q	1050		1060		Cont.	Cont.	Cont.
Subtotal:			1029	1480		1020		1050		1060		Cont.	Cont.	Cont.
Project Total Cost:			10412	9694		10093		10826		10907		Cont.	Cont.	Cont.

Schedule Profile (R4 Exhibit)

February 2007

BUDGET ACTIVITY
7 - Operational system development

PE NUMBER AND TITLE
0305208A - Distributed Common Ground/Surface Systems (JMIP)

PROJECT
D08

Event Name	FY 06				FY 07				FY 08				FY 09				FY 10				FY 11				FY 12				FY 13			
	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
(1) Fixed Site Initial Operational Capability (IOC)					▲1 Fixed Site IOC																											
(2) Version 3 Intra-Army Interoperability Certification (IAIC)									▲2 Version 3 IAIC																							
(3) Version 3 Operational Assessment (OA)									▲3 Version 3 OA																							
(4) DCGS-A Participation in FCS Ex 1.1									▲4 FCS Ex 1.1																							
(5) Version 3 Fielding to OIF/OEF (Displaces ASAS-L)									▲5 Version 3 Fielding to OIF/OEF																							
(6) Version 4 IAIC									▲6 Version 4 IAIC																							
(7) Version 4 Limited User Test (LUT for BCT Fielding)									▲7 Version 4 LUT																							
(8) Version 4 Milestone C									▲8 Version 4 MS C																							
(9) Version 4 First Unit Equipped (FUE)									▲9 Version 4 FUE																							
(10) Version 5 Milestone B									▲10 Version 5 MS B																							
(11) Version 4 Operational Assessment (OA Supports Interim Set Fielding)									▲11 Version 4 OA for Interim Set																							

Schedule Profile (R4 Exhibit)

February 2007

BUDGET ACTIVITY
7 - Operational system development

PE NUMBER AND TITLE
0305208A - Distributed Common Ground/Surface Systems (JMIP)

PROJECT
D08

Event Name	FY 06				FY 07				FY 08				FY 09				FY 10				FY 11				FY 12				FY 13			
	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
(12) Version 4 Initial Operational Test & Eval (IOT&E)																	▲ Version 4 IOT&E															

Schedule Detail (R4a Exhibit)

February 2007

BUDGET ACTIVITY 7 - Operational system development		PE NUMBER AND TITLE 0305208A - Distributed Common Ground/Surface Systems (JMIP)						PROJECT D08	
<u>Schedule Detail</u>	<u>FY 2006</u>	<u>FY 2007</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>	
Fixed Site Initial Operational Capability (IOC)	4Q								
Version 3 Intra-Army Interoperability Certification (IAIC)		2Q							
Version 3 Operational Assessment (OA)		2Q							
DCGS-A Participation in FCS Ex 1.1		2Q							
Version 3 Fielding to OIF/OEF (Displaces ASAS-L)		4Q							
Version 4 IAIC			1Q						
Version 4 Limited User Test (LUT for BCT Fielding)			2Q						
Version 4 Milestone C			3Q						
Version 4 First Unit Equipped (FUE)			4Q						
Version 5 Milestone B				2Q					
Version 4 Operational Assessment (OA Supports Interim Set Fielding)				3Q					
Version 4 Initial Operational Test & Eval (IOT&E)					2Q				