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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Information Systems Agency	Date: March 2014
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Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide / BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0305208K / <i>Distributed Common Ground/Surface Systems</i>
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COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	37.007	3.216	3.348	3.400	-	3.400	3.400	3.438	3.491	3.491	Continuing	Continuing
NF1: <i>Distributed Common Ground/Surface Systems</i>	37.007	3.216	3.348	3.400	-	3.400	3.400	3.438	3.491	3.491	Continuing	Continuing

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

As the sole joint interoperability certification agent, the Joint Interoperability Test Command established and maintains a Distributed Development and Test Enterprise for the Department of Defense (DoD) Distributed Common Ground/Surface System (DCGS) program, as directed by the Office of the Under Secretary of Defense (Intelligence). DCGS is an integral and critical component of the overall DoD Intelligence, Surveillance, and Reconnaissance interoperability and data integration strategy which provides world-wide capabilities to receive, process, exploit, and disseminate data from airborne and national reconnaissance sensors/platforms and commercial sources.

<u>B. Program Change Summary (\$ in Millions)</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015 Base</u>	<u>FY 2015 OCO</u>	<u>FY 2015 Total</u>
Previous President's Budget	3.247	3.348	3.403	-	3.403
Current President's Budget	3.216	3.348	3.400	-	3.400
Total Adjustments	-0.031	-	-0.003	-	-0.003
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments	-0.031	-	-0.003	-	-0.003

Change Summary Explanation

The FY 2013 decrease of -\$0.031 is directly attributable to Budget Control Act (BCA) and caused reduced availability of customer support, required testing events to be held in alternate locations, delayed DCGS T&E Strategy and expansion of specific analytic software.

The FY 2015 decrease of -\$0.003 is due a reduction to travel as a part of the Departments travel efficiencies.

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Information Systems Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0305208K / Distributed Common Ground/Surface Systems				Project (Number/Name) NF1 / Distributed Common Ground/Surface Systems			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
NF1: Distributed Common Ground/Surface Systems	37.007	3.216	3.348	3.400	-	3.400	3.400	3.438	3.491	3.491	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

Joint Interoperability Test Command (JITC) coordinates with the Military Services and Defense Intelligence Agencies to conduct Joint/Distributed Common Ground/Surface System (DCGS) testing and analysis, including event coordination, configuration, instrumentation and integration functions on the Distributed Development and Test Enterprise (DDTE). Under the DCGS Governance, this effort, referred to as the DCGS Test and Evaluation (T&E) Focus Team (FT), is composed of three parts: the DDTE Focus Group, providing and sustaining a distributed development network; the Strategy Focus Group, looking at current and future net-enabled enterprise T&E methods; and the Execution Focus Group, which leverages the Strategy Focus Group's methodologies in executing DCGS Enterprise assessment events, such as the annual DCGS demonstration, ENTERPRISE CHALLENGE. These efforts improve systems engineering and T&E throughout all phases of the DCGS life-cycle, resulting in improved capabilities to share net-centric data and services between the DCGS Programs of Record (PoRs) and the overarching Defense Intelligence Information Enterprise (DI2E).

Operates and maintains the DDTE, providing DCGS PoRs a virtual operationally relevant assessment environment maintaining connectivity between Service facilities, National Agency capabilities, and Coalition partners. DDTE allows robust integration of modeling and simulation T&E capabilities across Joint DCGS events without introducing vulnerabilities to operational Command and Control networks and has enabled improvements in systems engineering, instrumentation and T&E throughout all phases of the DCGS life cycle.

DCGS PoRs and Coalition partners use the DDTE network, which supports the net-centric maturity assessment of the DCGS Enterprise under the DCGS Governance, to integrate architecture, standards, and capabilities for implementation of the DCGS Integration Backbone and support the migration to net-centricity, including DCGS Enterprise services for the Military Departments, DCGS-Special Operations Forces and the DCGS Intelligence Community. National Agency capabilities supporting DCGS include Geospatial Intelligence, Signals Intelligence, Measurement and Signature Intelligence and Human Intelligence, which are integrated and tested in the DDTE domain.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2013	FY 2014	FY 2015
Title: Distributed Common Ground/Surface Systems (DCGS)	3.216	3.348	3.400
FY 2013 Accomplishments: Supported Distributed Development and Test Enterprise (DDTE) and provided enhanced automated assessment capabilities of net-centric data and web services. Continued to determine the extent the DCGS data assets and services comply with the visible, accessible, understandable, secure and interoperable (VAUSI) metrics, and to ensure these metrics are captured by the			

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B. Accomplishments/Planned Programs (\$ in Millions)		
Enterprise Maturity Model (EMM.) Provided Enterprise Test and Evaluation (T&E) support by continued measurement of the net-centric maturity of the DCGS Enterprise in accordance with the EMM criteria by conducting Enterprise-level assessments for the DCGS Programs of Record (PoRs), National Agencies and Coalition Partners. Developed instrumentation for data collection and testing support on the 15 DCGS network domains and enclaves.		
FY 2014 Plans: Continue to support DDTE and provide enhanced functionality with expanding T&E capability, with a focus on increasingly automated evaluations of net-centric data and web services. Determine the extent DCGS Enterprise capabilities comply with established visible, accessible, understandable, and interoperable (VAUSI) standards that make them available and accessible in a "storefront" that enhances the sharing of net-centric data and services. Host or provide access to a T&E framework that provides validated, automated test tools for compliance testing, and will support reciprocity with other T&E organizations using accepted T&E environments and tools to provide data for DCGS Enterprise maturity assessments. Enterprise T&E support will continue to include Enterprise-level assessment events for the DCGS PoRs, National Agencies and Coalition Partners. Continue development and instrumentation for data collection and testing support on the 15 DCGS network domains and enclaves. These efforts will be measured by the EMM and documented in an annual DCGS T&E FT Enterprise Assessment Report.		
The increase of +\$0.132 from FY 2013 to FY 2014 is due to the net effect of adjustments for inflation, program cost growth and decreases to FY 2013 for reduced availability of customer support, testing events being held in alternate locations, delay of DCGS T&E Strategy and expansion of specific analytic software.		
FY 2015 Plans: Will continue to support DDTE and provide enhanced functionality with expanding T&E capability, with a focus on increasingly automated evaluations of net-centric data and web services. To further DCGS Enterprise capabilities, will establish procedures and conduct compliance testing of services against established standards prior to making them available and accessible in a "storefront" that enhances the sharing of net-centric data and services and promotes reuse of capabilities. Will establish and host initial "Testing as a Service" capabilities that will enable DCGS entities to test for standards compliance early and often during the development and acquisition processes. Enterprise T&E support will continue to include Enterprise-level assessment events such as Enterprise Challenge and Unified Vision for the DCGS PoRs, National Agencies and Coalition Partners. Will continue development and instrumentation for data collection and testing support on the DCGS network domains and enclaves; the number of active DDTE nodes is projected to increase as mission-based testing starts to span other communities of interest such as command and control. Data collected by these assessment efforts will continue to be reflected in the EMM and documented in an annual DCGS Enterprise Assessment Report.		

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014
The increase of +\$0.052 from FY 2014 to FY 2015 is for advancement of DCGS T&E Focus Team (FT) Strategy and expansion of specific analytic software.			
Accomplishments/Planned Programs Subtotals		3.216	3.348
C. Other Program Funding Summary (\$ in Millions) N/A			
Remarks			
D. Acquisition Strategy A T&E Mission Support Services (MSS) cost plus and firm fixed price contract provides T&E support by performing a wide range of non-personal services to encompass testing, scientific, engineering, logistic, administrative, and ancillary support of the DISA T&E missions.			
E. Performance Metrics The DCGS T&E FT performs a minimum of six DCGS Enterprise assessments per year. At the end of each year, assessment results are consolidated into the T&E FT Enterprise Assessment Report. The T&E FT also provides input to the DCGS Enterprise Focus Team's State of the Enterprise (SoE) Report, which includes the EMM. A comparison of multi-year SoE Reports shows measurable DCGS Enterprise net-centric maturity progress over time. The T&E FT also leverages Joint Interoperability Certification testing to support the evaluation of DCGS Enterprise maturity. In FY 2013, Of the six DCGS PoR systems, three hold current Joint Staff (JS), Command, Control, Communications, & Computers/Cyber (J6) Interoperability (IOP) Certifications and continue to conduct IOP testing on emerging releases. The remaining three PoRs are not JS J6 certified, the T&E FT leverages data collected while these programs perform periodic IOP assessments. Due to increased automation for data collection and reduction, in addition to advances in PoR and Enterprise maturity, the T&E FT increases the cumulative number of net-centric capability evaluations each year and this trend is expected to continue in FY14 and FY15. This effort provides the basis for the DCGS Enterprise Assessment, allowing the Office of the Under Secretary of Defense (Intelligence) to measure the level of maturity of the DCGS Enterprise supported by the DCGS Governance.			

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Defense Information Systems Agency												Date: March 2014			
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Support (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
In-House Contracts	Various	N/A : N/A	17.116	0.943	Oct 2012	1.004	Oct 2013	1.000	Oct 2014	-		1.000	Continuing	Continuing	Continuing
Subtotal			17.116	0.943		1.004		1.000		-		1.000	-	-	-
Test and Evaluation (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Engineering/Technical Services 1	C/T&M	Interop : Ft. Hua, AZ	3.690	0.073	Oct 2012	-		-		-		-	-	3.763	3.376
Engineering/Technical Services 2	C/T&M	NGMS : Ft. Hua, AZ	12.589	0.338	Oct 2012	-		-		-		-	-	12.927	12.927
Engineering/Technical Services 3	C/T&M	NGIT : Ft. Hua, AZ	3.612	-		-		-		-		-	-	3.612	3.612
Engineering/Technical Services 4	C/Various	Various : Various	0.000	0.157	Oct 2012	0.586	Oct 2013	0.600	Oct 2014	-		0.600	-	-	-
Engineering/Technical Services 5	C/CPFF	TASC, Inc : Andover, MA	0.000	1.705	Oct 2012	1.758	Oct 2013	1.800	Oct 2014	-		1.800	-	-	-
Subtotal			19.891	2.273		2.344		2.400		-		2.400	-	-	-
			Prior Years	FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			37.007	3.216		3.348		3.400		-		3.400	-	-	-
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Defense Information Systems Agency										Date: March 2014				
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	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	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
DCGS T&E IPT																												
Connectivity to Other Testbeds & Test Event Conduct																												
Operation and Maintenance Support																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2015 Defense Information Systems Agency			Date: March 2014
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Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
DCGS T&E IPT	1	2013	4	2019
Connectivity to Other Testbeds & Test Event Conduct	1	2013	4	2019
Operation and Maintenance Support	1	2013	4	2019