Exhibit R-2, RDT&E Budget Item Justification: PB 2015 United States Special Operations Command											Date: March 2014	
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*					**R-1 Program Element (Number/Name)** PE 0305208BB *I 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
Total Program Element	13.969	7.083	5.195	5.286	-	5.286	5.340	5.449	5.564	6.413	Continuing	Continuing
S400A: *Distributed Common Ground/Surface Systems*	13.969	7.083	5.195	5.286	-	5.286	5.340	5.449	5.564	6.413	Continuing	Continuing

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

A. Mission Description and Budget Item Justification

This program element is part of the Military Intelligence Program (MIP) that provides for the identification, development, and testing of the Distributed Common Ground/ Surface System Special Operations Forces (DCGS-SOF). The mission tailored infrastructure interconnects the warfighter and sensor data to find and fix enemy combatants and/or terrorists. The DCGS-SOF program is a network-enabled, interoperable construct allowing continual, unimpeded sharing of intelligence data, information and services within SOF and between the Services, other national intelligence agencies, combatant commands and Multi-National partners in support of a Joint Task Force. It connects the SOF warfighter with essential intelligence information and provides situational awareness information to SOF leadership at all echelons. The primary functions of DCGS-SOF are to conduct processing, exploitation and dissemination (PED) for all SOF Intelligence Surveillance and Reconnaissance (ISR) sensors, permit the collection of SOF data from collection sensors and intelligence databases, share across the DCGS Integration Backbone and provide timely, tailored, all-source, fused intelligence reporting to the SOF warfighter. This program will employ non-development commercial and government off-the-shelf hardware and software and will leverage from existing technology to the greatest degree possible.

B. Program Change Summary ($ in Millions)

	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	7.114	5.195	5.286	-	5.286
Current President's Budget	7.083	5.195	5.286	-	5.286
Total Adjustments	-0.031	-	-	-	-
• Congressional General Reductions	-0.621	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-0.010	-			
• Congressional Adds	0.600	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			

Congressional Add Details ($ in Millions, and Includes General Reductions)

	FY 2013	FY 2014
Project: S400A: *Distributed Common Ground/Surface Systems*		
Congressional Add: *DCGS-SOF High Definition-Full Motion Video Quality of Service (HD-FMV QoS)*	0.600	-

Exhibit R-2, **RDT&E Budget Item Justification:** PB 2015 United States Special Operations Command		**Date:** March 2014
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 0305208BB I *Distributed Common Ground/Surface Systems*	

Congressional Add Details ($ in Millions, and Includes General Reductions)	**FY 2013**	**FY 2014**
Congressional Add Subtotals for Project: S400A	0.600	-
Congressional Add Totals for all Projects	0.600	-

Change Summary Explanation
Funding:

FY 2013: Net decrease of $0.031 million is due to sequestration reductions (-$0.621 million), congressional rescissions (-$0.010 million), and congressional add ($0.600 million).

Sequestration Impacts: Delayed integration and test of DCGS-SOF new tools, data sources/stores and services for backend Command, Control, Communications, and Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) PED framework used to support 38.8 Intelligence, Surveillance, and Reconnaissance (ISR) orbits provided by SOF and Services and 24 PED lines provided by SOF. Specifically, delayed analyst access to and exploitation of 22 SOF enterprise data stores by 6 months.

FY 2014: None.

FY 2015: None.

Schedule: None.

Technical: None.

Exhibit R-2A, RDT&E Project Justification: PB 2015 United States Special Operations Command										Date: March 2014	

Appropriation/Budget Activity 0400 I 7				R-1 Program Element (Number/Name) PE 0305208BB I Distributed Common Ground/Surface Systems				Project (Number/Name) S400A I 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
S400A: Distributed Common Ground/Surface Systems	13.969	7.083	5.195	5.286	-	5.286	5.340	5.449	5.564	6.413	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

This program element is part of the Military intelligence Program (MIP) that provides for the identification, development, and testing of the Distributed Common Ground/ Surface System Special Operations Forces (DCGS-SOF). The mission tailored infrastructure interconnects the warfighter and sensor data to find and fix enemy combatants and/or terrorists. The DCGS-SOF program is a network-enabled, interoperable construct allowing continual, unimpeded sharing of intelligence data, information and services within SOF and between the Services, other national intelligence agencies, combatant commands and Multi-National partners in support of a Joint Task Force. It connects the SOF warfighter with essential intelligence information and provides situational awareness information to SOF leadership at all echelons. The primary functions of DCGS-SOF are to conduct processing, exploitation and dissemination (PED) for all SOF Intelligence Surveillance and Reconnaissance (ISR) sensors, permit the collection of SOF data from collection sensors and intelligence databases, share across the DCGS Integration Backbone and provide timely, tailored, all-source, fused intelligence reporting to the SOF warfighter. This program will employ non-development commercial and government off-the-shelf hardware and software and will leverage from existing technology to the greatest degree possible.

B. Accomplishments/Planned Programs ($ in Millions)

	FY 2013	FY 2014	FY 2015
Title: DCGS FY 2013 Accomplishments: Integrated emerging technologies and capabilities for all source information fusion and initial development and integration of technology to enable disconnected operations into the DCGS-SOF baseline, commenced test and evaluation of these technologies into this baseline, and conducted DCGS-SOF limited objective events and Enterprise Challenge demonstrations. FY 2014 Plans: Continue to integrate emerging technologies and capabilities for all source information fusion and initial integration of technology to enable disconnected operations into the DCGS-SOF baseline, continue test and evaluation of these technologies into this baseline, and conduct DCGS-SOF limited objective events and Enterprise Challenge demonstrations. FY 2015 Plans: Continues to integrate emerging technologies and capabilities for all source information fusion and continues integration of technology to enable disconnected operations into the DCGS-SOF baseline, continues test and evaluation of these technologies into this baseline, and conducts DCGS-SOF limited objective events and Enterprise Challenge demonstrations.	6.483	5.195	5.286
Accomplishments/Planned Programs Subtotals	6.483	5.195	5.286

Exhibit R-2A, RDT&E Project Justification: PB 2015 United States Special Operations Command		Date: March 2014
Appropriation/Budget Activity 0400 I 7	R-1 Program Element (Number/Name) PE 0305208BB I Distributed Common Ground/Surface Systems	Project (Number/Name) S400A I Distributed Common Ground/ Surface Systems

	FY 2013	FY 2014
Congressional Add: DCGS-SOF High Definition-Full Motion Video Quality of Service (HD-FMV QoS)	0.600	-
FY 2013 Accomplishments: Initiated HD-FMV QoS testing and design improvement recommendation efforts for an enterprise-level HD-FMV distribution, storage, and analysis architecture for DCGS-SOF. Findings will be shared with OUSD(I), National Geo-spatial Intelligence Agency (NGA) and counterpart Service Program Management offices.		
Congressional Adds Subtotals	0.600	-

C. Other Program Funding Summary ($ in Millions)

Line Item	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
• PROC1: Distributed Common Ground/Surface System	14.704	14.906	17.323	-	17.323	11.611	13.735	10.781	10.097	Continuing	Continuing

Remarks

D. Acquisition Strategy

• DCGS-SOF will partner within DoD and with other government agencies to integrate mature technologies into the SOF information enterprise and enable more agile access to and sharing of data and services to meet SOF-peculiar documented requirements. The technology will allow for seamless integration with DoD, interagency, and coalition ISR tactical PED systems. The DCGS-SOF program office employs an agile development process with capability insertions into the development baseline for assessment and future deployment into the operational baseline. All development requirements are prioritized through the DCGS Requirements Working Group (DRWG) chaired by J2. Once approved the requirements are evaluated and scheduled by engineering. Using this methodology allows capabilities to be inserted in a fast and agile manner based on user requirements and priorities. All evolutionary technology insertions (ETIs) in the R-4 schedule are based on current program office projections. If requirement priorities change based on the DRWG, the ETI and version capabilities identified may change.

E. Performance Metrics

N/A

Exhibit R-4, **RDT&E Schedule Profile:** PB 2015 United States Special Operations Command | **Date:** March 2014

Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0305208BB *I Distributed Common Ground/Surface Systems*	**Project (Number/Name)** S400A *I Distributed Common Ground/ Surface Systems*

	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

Schedule bars (by activity):

- **Distributed Common Ground/Surface Systems (DGCS) Integration and Technology Insertions** — FY 2013 Q1 through FY 2019 Q4
- **DCGS-SOF Developmental Testing** — FY 2013 Q1 through FY 2019 Q3
- **SOF PED Enterprise Enhancements** — FY 2013 Q1 through FY 2019 Q4
- **DCGS v2.X Operational Test (OT) (User Interface, SOF Data Layer, Data Engine, Brokered Search, Combined Search Widget, Data Soure Integration)** — FY 2013 Q1 through FY 2014 Q1
- **DCGS v3.X OT (Brokered Search into IC Community, Scheduled Combined Search Widget, Data Source Integration)** — FY 2013 Q1 through FY 2014 Q1
- **DCGS v4.X OT (Redesigned User Interface, DIB 4.X, Distributed Data Framework, Enterprise Messaging, SIGINT Data Integration, Combat Assessment Disconnect/ Mobile Capability)** — FY 2015 Q1 through FY 2016 Q1
- **DCGS v5.X OT (Extend enterprise capability to the SSEP, Production Build For Disconnect/ Mobile, Additional Data Sources, Services, Analytical Tools)** — FY 2017 Q1 through FY 2018 Q4
- **DCGS High Definition-Full Motion Video Quality of Service Testing (Congressional Add)** — FY 2013 Q2
- **DCGS Limited Objective Event & Enterprise Challenge - FY 2013** — FY 2013 Q1 through Q2
- **DCGS Limited Objective Event & Enterprise Challenge - FY 2014** — FY 2014 Q1 through Q2
- **DCGS Limited Objective Event & Enterprise Challenge - FY 2015** — FY 2015 Q1 through Q2

Exhibit R-4, RDT&E Schedule Profile: PB 2015 United States Special Operations Command		Date: March 2014
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0305208BB *I Distributed Common Ground/Surface Systems*	**Project (Number/Name)** S400A *I Distributed Common Ground/ Surface Systems*

	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 Limited Objective Event & Enterprise Challenge - FY 2016												▬	▬	▬														
DCGS Limited Objective Events& Enterprise Challenge - FY 2017																▬	▬	▬										
DCGS Limited Objective Events & Enterprise Challenge - FY 2018																				▬	▬	▬						
DCGS Limited Objective Events & Enterprise Challenge - FY 2019																								▬	▬	▬		

Exhibit R-4A, RDT&E Schedule Details: PB 2015 United States Special Operations Command		Date: March 2014
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0305208BB *I Distributed Common Ground/Surface Systems*	**Project (Number/Name)** S400A *I Distributed Common Ground/ Surface Systems*

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Distributed Common Ground/Surface Systems (DGCS) Integration and Technology Insertions	1	2013	4	2019
DCGS-SOF Developmental Testing	1	2013	4	2019
SOF PED Enterprise Enhancements	1	2013	4	2019
DCGS v2.X Operational Test (OT) (User Interface, SOF Data Layer, Data Engine, Brokered Search, Combined Search Widget, Data Soure Integration)	1	2013	4	2014
DCGS v3.X OT (Brokered Search into IC Community, Scheduled Combined Search Widget, Data Source Integration)	1	2013	4	2014
DCGS v4.X OT (Redesigned User Interface, DIB 4.X, Distributed Data Framework, Enterprise Messaging, SIGINT Data Integration, Combat Assessment Disconnect/Mobile Capability)	4	2014	4	2016
DCGS v5.X OT (Extend enterprise capability to the SSEP, Production Build For Disconnect/Mobile, Additional Data Sources, Services, Analytical Tools)	4	2016	4	2018
DCGS High Definition-Full Motion Video Quality of Service Testing (Congressional Add)	3	2013	4	2013
DCGS Limited Objective Event & Enterprise Challenge - FY 2013	1	2013	4	2013
DCGS Limited Objective Event & Enterprise Challenge - FY 2014	1	2014	4	2014
DCGS Limited Objective Event & Enterprise Challenge - FY 2015	1	2015	4	2015
DCGS Limited Objective Event & Enterprise Challenge - FY 2016	1	2016	4	2016
DCGS Limited Objective Events& Enterprise Challenge - FY 2017	1	2017	4	2017
DCGS Limited Objective Events & Enterprise Challenge - FY 2018	1	2018	4	2018
DCGS Limited Objective Events & Enterprise Challenge - FY 2019	1	2019	4	2019