

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)	DATE MAY 2009
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APPROPRIATION / BUDGET ACTIVITY RDT&E, DEFENSE-WIDE / 7	R-1 ITEM NOMENCLATURE / PROJECT NO. PE 0305208BB Distributed Common Ground/Surface System/S400A
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COST (Dollars in Millions)	FY08 Supplemental	FY09	FY 2010 Baseline	FY 2010 Overseas Contingency Operations	FY 2010 Total Request				Cost to Complete	Total Cost
PE 0305208BB	2.921	0.763	1.407	.325	1.732				Cont.	Cont.
S400A, DCGS	2.921	0.763	1.407	.325	1.732				Cont.	Cont.

A. Mission Description and Budget Item Justification: This program element provides for the identification, development, and testing of the Distributed Common Ground/Surface System (DCGS). This architecture interconnects the warfighter and sensors to “find and fix” terrorists and/or individuals. The program integrates tactical processing, exploitation, and dissemination data into the Special Operations Forces (SOF) information enterprise. The program develops and integrates SOF networks providing U. S. Special Operations Command with unique decision capabilities to include: measurement and signature data, sensor exploitation, data compressions and man-portable workstations. The program provides the supporting architecture to link the global sensor network to those who will interpret the data for rapid transmission to collaborative partners via the SOF information enterprise. The program will initially provide SOF with capabilities to conduct exploitation of full motion video from unmanned aerial vehicle assets organic to SOF. The program will integrate and implement the department-level system’s integration backbone standards and architecture on the SOF information enterprise, which will support net-centric data sharing between SOF fixed, tactical capabilities and sensors. This program will employ non-developmental commercial and government off-the-shelf hardware and software and will leverage from existing technology as much as possible.

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PE 0305208BB Distributed Common Ground/Surface System/S400A

B. Program Change Summary:

	<u>FY08</u>	<u>FY09</u>	<u>FY10</u>
Previous President's Budget		3.165	3.627
Current President's Budget	2.921	0.763	1.407
Total Adjustments	2.921	-2.402	-2.220
Congressional Program Reductions		-2.400	
Congressional Increases			
Reprogrammings		-0.002	
Other Program Adjustments	2.921		-2.220

Funding:

FY08: Increase of \$2.921 million is due to FY08 Supplemental funding.

FY09: Decrease of -\$2.402 million is due to congressional mark (-\$2.400 million) and congressional reduction Section 8101 (-\$0.002 million).

FY10: Decrease of -\$2.220 million is due to realignment to higher command priorities (-\$2.200 million) and economic assumptions (-\$0.020 million).

Schedule: None.

Technical: None.

Exhibit R-2a, RDT&E Project Justification

Date: MAY 2009

Appropriation/Budget Activity
RDT&E BA # 7

Distributed Common Ground/Surface System (DCGS)/Project S400A

Cost (\$ in millions)	FY08 Supplemental	FY09	FY 2010 Baseline	FY 2010 Overseas Contingency Operations	FY 2010 Total Request			
DCGS	2.921	0.763	1.407	.325	1.732			
RDT&E Articles Quantity								

A. Mission Description and Budget Item Justification: This project provides for the identification, development, and testing of the Distributed Common Ground/Surface System (DCGS). This architecture interconnects the warfighter and sensors to “find and fix” terrorists and/or individuals. The program integrates tactical processing, exploitation, and dissemination data into the Special Operations Forces (SOF) information enterprise. The program develops and integrates SOF networks providing U. S. Special Operations Command with unique decision capabilities to include: measurement and signature data, sensor exploitation, data compressions and man-portable workstations. The program provides the supporting architecture to link the global sensor network to those who will interpret the data for rapid transmission to collaborative partners via the SOF information enterprise. The program will initially provide SOF with capabilities to conduct exploitation of full motion video from unmanned aerial vehicle assets organic to SOF. The program will integrate and implement the department-level system’s integration backbone standards and architecture on the SOF information enterprise, which will support net-centric data sharing between SOF fixed, tactical capabilities, and sensors. This program will employ non-developmental commercial and government off-the-shelf hardware and software and will leverage from existing technology as much as possible.

B. Accomplishments/Planned Program

	FY08 Supplemental	FY09	FY 2010 Baseline	FY 2010 Overseas Contingency Operations	FY 2010 Total Request
Distributed Common Ground/Surface System	2.921	0.763	1.407	.325	1.732
RDT&E Articles Quantity					

FY08 This initiative was funded with FY08 Supplemental. Designed distributed common ground/surface system enterprise architecture and unclassified test bed architecture integration.

FY09 Continue system development with test and evaluation of common ground/surface system enterprise architecture and unclassified test bed architecture.

FY10 Continues to integrate the SOF-unique systems and sensors into the service-common mobile system.

Exhibit R-2a, RDT&E Project Justification

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Distributed Common Ground/Surface System (DCGS)/Project S400A

FY10 Overseas Contingency Operations (OCO): Continues integration of processing exploitation and dissemination equipment.

C. Other Program Funding Summary:

	<u>FY08</u>	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>To Complete Cont.</u>	<u>Total Cost Cont.</u>
PROC, SOF Intelligence Systems	12.958	2.283	5.028							

D. Acquisition Strategy:

- DCGS will leverage available funds against ongoing efforts by other government agencies to meet SOF-peculiar documented requirements. The technology will allow for seamless integration with DOD, interagency, or coalition Intelligence Surveillance and Reconnaissance tactical processing, exploitation, and dissemination systems.

APPROPRIATION / BUDGET ACTIVITY Distributed Common Ground/Surface System (DCGS)/PE0305208BB
 RDT&E DEFENSE-WIDE / 7 Distributed Common Ground/Surface System/S400A

Actual or Budget Value (\$ in millions)											
Cost Categories (Tailor to WBS, or System/Item Requirements)	Contract Method & Type	Performing Activity & Location	Total PYs Cost	Budget Cost FY09	Award Date FY09	Budget Cost FY10	Award Date FY10	Budget Cost FY11	Award Date FY11	To Complete	Total Program
Product Development	Perf Based/Time & Material	L3 Communications, San Diego, CA									
Prime Mission Equipment/Integration						1.732	Dec-08			Cont.	Cont.
Subtotal Product Development							1.732				Cont.
Remarks:											
Support Costs	Perf Based/Time & Material	L3 Communications, San Diego, CA		0.300	Mar-09					Cont.	Cont.
Subtotal Support Costs					0.300					Cont.	Cont.
Remarks:											
Test & Evaluation	Perf Based/Time & Material	L3 Communications, San Diego, CA		0.300	Mar-09					Cont.	Cont.
Subtotal T&E					0.300					Cont.	Cont.
Remarks:											
Management Services	Perf Based/Time & Material	L3 Communications, San Diego, CA		0.163	Mar-09					Cont.	Cont.
Subtotal Management					0.163						
Remarks:											
Prior Years				2.921							
Total Cost			2.921	0.763		1.732				Cont.	Cont.
Remarks											

