

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)	DATE FEBRUARY 2008
---	-----------------------

APPROPRIATION / BUDGET ACTIVITY RDT&E, DEFENSE-WIDE / 7	R-1 ITEM NOMENCLATURE / PROJECT NO. PE 0305208BB Distributed Common Ground/Surface System (DCGS)/S400A
--	---

COST (Dollars in Millions)	FY07	FY08	FY09	FY10	FY11	FY12	FY13	Cost to Complete	Total Cost
PE 0305208BB			3.165	3.627	4.266	1.487	1.532	Cont.	Cont.
S400A, DCGS			3.165	3.627	4.266	1.487	1.532	Cont.	Cont.

A. Mission Description and Budget Item Justification: This program element provides for the identification, development, and testing of the Distributed Common Ground System (DCGS). The DCGS Special Operations Forces (SOF) architecture interconnects the warfighter and sensors to “find and fix” terrorist and/or individuals. DCGS-SOF provides SOF leadership with situational awareness for planning and executing SOF missions. DCGS-SOF integrates tactical processing, exploitation, and dissemination data into the SOF Information Enterprise (SIE). DCGS-SOF develops and integrates SOF networks providing USSOCOM with unique decision capabilities to include: measurement and signature data, sensor exploitation, data compressions and man-portable workstations. DCGS-SOF provides the supporting architecture to link the Global Sensor Network (GSN) to those who will interpret the data for rapid transmission to collaborative partners via the SIE. DCGS-SOF will initially provide SOF with capabilities to conduct exploitation of Full Motion Video from unmanned aerial vehicle assets organic to SOF. DCGS-SOF will integrate and implement the DCGS Integration Backbone standards and architecture on the SIE that will support net-centric data sharing between SOF fixed, tactical capabilities, and sensors. In coming years, DCGS-SOF will expand to incorporate connectivity to attended and unattended sensors via the GSN. DCGS-SOF will employ non-developmental commercial and government off-the-shelf hardware and software and will leverage from existing technology as much as possible.

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)		DATE																																						
		FEBRUARY 2008																																						
APPROPRIATION / BUDGET ACTIVITY RDT&E, DEFENSE-WIDE / 7		R-1 ITEM NOMENCLATURE / PROJECT NO. PE 0305208BB Distributed Common Ground/Surface System (DCGS)/S400A																																						
<p>B. Program Change Summary:</p> <table border="0"> <thead> <tr> <th></th> <th>FY07</th> <th>FY08</th> <th>FY09</th> </tr> </thead> <tbody> <tr> <td>Previous President's Budget</td> <td></td> <td></td> <td>3.170</td> </tr> <tr> <td>Current President's Budget</td> <td></td> <td></td> <td>3.165</td> </tr> <tr> <td>Total Adjustments</td> <td></td> <td></td> <td>-0.005</td> </tr> <tr> <td>    Congressional Program Reductions</td> <td></td> <td></td> <td></td> </tr> <tr> <td>    Congressional Increases</td> <td></td> <td></td> <td></td> </tr> <tr> <td>    Reprogrammings</td> <td></td> <td></td> <td></td> </tr> <tr> <td>    Other Program Adjustments</td> <td></td> <td></td> <td>-0.005</td> </tr> <tr> <td>    SBIR Transfer</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Funding:  FY07: No change.  FY08: No change.  FY09: Decrease of (-\$0.005 million) is due to economic inflation adjustments.</p> <p>Schedule: None.</p> <p>Technical: None.</p>						FY07	FY08	FY09	Previous President's Budget			3.170	Current President's Budget			3.165	Total Adjustments			-0.005	Congressional Program Reductions				Congressional Increases				Reprogrammings				Other Program Adjustments			-0.005	SBIR Transfer			
	FY07	FY08	FY09																																					
Previous President's Budget			3.170																																					
Current President's Budget			3.165																																					
Total Adjustments			-0.005																																					
Congressional Program Reductions																																								
Congressional Increases																																								
Reprogrammings																																								
Other Program Adjustments			-0.005																																					
SBIR Transfer																																								

**Exhibit R-2a, RDT&E Project Justification**

Date: FEBRUARY 2008

Appropriation/Budget Activity RDT&E BA # 7	Distributed Common Ground/Surface System (DCGS)/Project S400A
---	---

-Cost (\$ in millions)	FY07	FY08	FY09	FY10	FY11	FY12	FY13
DCGS			3.165	3.627	4.266	1.487	1.532
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 System (DCGS). The DCGS Special Operations Forces (SOF) architecture interconnects the warfighter and sensors to “find and fix” terrorist and/or individuals. DCGS-SOF provides SOF leadership with situational awareness for planning and executing SOF missions. DCGS-SOF integrates tactical processing, exploitation, and dissemination data into the SOF Information Enterprise (SIE). DCGS-SOF develops and integrates SOF networks providing USSOCOM with unique decision capabilities to include: measurement and signature data, sensor exploitation, data compressions and man-portable workstations. DCGS-SOF provides the supporting architecture to link the Global Sensor Network (GSN) to those who will interpret the data for rapid transmission to collaborative partners via the SIE. DCGS-SOF will initially provide SOF with capabilities to conduct exploitation of Full Motion Video from unmanned aerial vehicle assets organic to SOF. DCGS-SOF will integrate and implement the DCGS Integration Backbone standards and architecture on the SIE that will support net-centric data sharing between SOF fixed, tactical capabilities, and sensors. In coming years, DCGS-SOF will expand to incorporate connectivity to attended and unattended sensors via the GSN. DCGS-SOF 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**

	FY07	FY08	FY09
DCGS-SOF			3.165
RDT&E Articles Quantity			

FY09 Begins the development of resource connectors required to integrate the SOF unique systems and sensors into the service-common mobile DCGS.

**C. Other Program Funding Summary:**

	<u>FY07</u>	<u>FY08</u>	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	To <u>Complete</u>	Total <u>Cost</u>
PROC, SOF Intelligence Systems		12.358	2.290			9.318	6.295	Cont.	Cont.

Appropriation/Budget Activity  
RDT&E BA # 7

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

D. Acquisition Strategy:

- Distributed Common Ground/Surface System-Special Operations Forces (DCGS-SOF) will leverage available funds against ongoing efforts by other government agencies to meet SOF-peculiar documented requirements. DCGS-SOF technology will allow for seamless integration with DOD, interagency, or coalition Intelligence Surveillance and Reconnaissance tactical processing, exploitation, and dissemination systems.

Exhibit R-3 RDT&E Project Cost Analysis

DATE: FEBRUARY 2008

APPROPRIATION / BUDGET ACTIVITY RDT&E DEFENSE-WIDE / 7 Distributed Common Ground/Surface System (DCGS)/PE0305208BB Distributed Common Ground/Surface System (DCGS)/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 FY07	Award Date FY07	Budget Cost FY08	Award Date FY08	Budget Cost FY09	Award Date FY09	To Complete	Total Program
Prime Mission Equipment DCGS-SOF	Perf Based/ Time & Material	L3 Communications San Diego, CA						1.065	Dec-08	Cont.	Cont.
Subtotal Product Dev			0.000	0.000		0.000		1.065		Cont.	Cont.
Remarks:											
Support Costs	Perf Based/ Time & Material	L3 Communications San Diego, CA						0.300	Dec-08	Cont.	Cont.
Subtotal Support Costs			0.000	0.000		0.000		0.300		Cont.	Cont.
Remarks:											
Test & Evaluation	Perf Based/ Time & Material	L3 Communications San Diego, CA						0.300	Dec-08	Cont.	Cont.
Subtotal T&E			0.000	0.000		0.000		0.300		Cont.	Cont.
Remarks:											
Management Services	Perf Based/ Time & Material	L3 Communications San Diego, CA						1.500	Dec-08	Cont.	Cont.
Subtotal Management			0.000	0.000		0.000		1.500		Cont.	Cont.
Remarks:											
Total Cost			0.000	0.000		0.000		3.165		Cont.	Cont.
Remarks:											



