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Exhibit R-2, RDT&E Budget Item Justification: PB 2012 United States Special Operations Command **DATE:** February 2011

APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 1160405BB: <i>Special Operations Intelligence Systems Development</i>
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COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
Total Program Element	49.191	33.319	27.916	-	27.916	28.380	26.655	28.020	27.544	Continuing	Continuing
S400: <i>SO Intelligence Systems</i>	49.191	33.319	27.916	-	27.916	28.380	26.655	28.020	27.544	Continuing	Continuing

A. Mission Description and Budget Item Justification

This program element provides for the identification, development, and testing of Special Operations Forces (SOF) intelligence equipment to identify and eliminate deficiencies in providing timely intelligence to deployed forces. Sub-projects address the primary areas of intelligence dissemination, sensor systems, integrated threat warning to SOF mission platforms, and tactical exploitation of national system capabilities. USSOCOM has developed an overall strategy to ensure that Command, Control, Communications, Computers, and Intelligence (C4I) systems continue to provide SOF with the required capabilities into the 21st century. USSOCOM's C4I systems comprise an integrated network of systems providing positive command and control and timely exchange of intelligence and threat warning to all organizational echelons. The C4I systems that support this new architecture employ the latest standards and technology by transitioning from separate systems to full integration with the Global Information Grid (GIG). The GIG allows SOF elements to operate with any force combination in multiple environments.

B. Program Change Summary (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Previous President's Budget	41.223	33.319	27.760	-	27.760
Current President's Budget	49.191	33.319	27.916	-	27.916
Total Adjustments	7.968	-	0.156	-	0.156
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	-1.032	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustment	9.000	-	0.156	-	0.156

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

Project: S400: *SO Intelligence Systems*

Congressional Add: *Picoceptor and Processor for Manportable Threat Warning*
 Congressional Add: *Advanced Long Endurance Unattended Ground Sensor Technologies*
 Congressional Add: *Multi Spectral Lab and Analytical Services Center*
 Congressional Add: *Biometric Optical Surveillance System (BOSS)*

FY 2010	FY 2011
3.187	-
3.904	-
1.992	-
5.975	-

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<u>Congressional Add Details (\$ in Millions, and Includes General Reductions)</u>		FY 2010	FY 2011
Congressional Add: <i>Counter-Proliferation Analysis and Planning System</i>		3.984	-
Congressional Add: <i>USSOCOM SOCRATES High Assurance Program</i>		0.997	-
Congressional Add Subtotals for Project: S400		20.039	-
Congressional Add Totals for all Projects		20.039	-
<u>Change Summary Explanation</u>			
Funding:			
FY 2010 Net increase of \$7.968 million due to Overseas Contingency Operations (OCO) funding (\$9.000 million) to support a Single Card Solution for Combat Identification, a decrease of (-\$1.000 million) from the Omnibus reprogramming, and reprogramming to higher command priorities (-\$0.032 million).			
FY 2011 None.			
FY 2012 Increase \$0.156 million to SOCRATES to continue technology upgrades.			
Schedule: None.			
Technical: None.			

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APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE				PROJECT			
0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>				PE 1160405BB: <i>Special Operations Intelligence Systems Development</i>				S400: <i>SO Intelligence Systems</i>			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
S400: <i>SO Intelligence Systems</i>	49.191	33.319	27.916	-	27.916	28.380	26.655	28.020	27.544	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

This project provides for the identification, development, and testing of SOF intelligence equipment to identify and eliminate deficiencies in providing timely intelligence to deployed forces. Sub-projects address the primary areas of intelligence dissemination, sensor systems, integrated threat warning to SOF mission platforms, and tactical exploitation of national system capabilities. The systems developed in this line item are National Systems Support to SOF (NSSS); Joint Threat Warning System (JTWS); Counter-Proliferation Analysis and Planning System (CAPS); and Special Operations Command Research, Analysis and Threat Evaluation System (SOCRATES).

USSOCOM has developed an overall strategy to ensure that Command, Control, Communications, Computers, and Intelligence (C4I) systems continue to provide SOF with the required capabilities throughout the 21st century. USSOCOM's C4I systems comprise an integrated network of systems providing positive command and control and timely exchange of intelligence and threat warning to all organizational echelons. The C4I systems that support this new architecture employ the latest standards and technology by transitioning from separate systems to full integration with the Global Information Grid (GIG). The GIG allows SOF elements to operate with any force combination in multiple environments. The intelligence programs funded in this project will meet annual emergent requirements and are grouped by the level of organizational element they support: Operational Element (Team) and Above Operational Element (Garrison).

OPERATIONAL ELEMENT (TEAM)

- The National Systems Support to SOF (NSSS) is a research and development rapid prototyping program which functions as HQSOCOM's TENCAP (Tactical Exploitation of National Capabilities) program. NSSS improves the combat effectiveness of USSOCOM, its components, and the Theater Special Operations Commands (TSOCs) by leveraging National Agency and Service development efforts focused on improving space-based intelligence products and communications and special communications capabilities to tactical SOF units, to include GEOINT, SIGINT, Special Communications, and Intelligence Fusion, Reporting, Dissemination and Processing. The R&D efforts pursued by NSSS are of a rapid development, fielding and deployment character and focus on USSOCOM's manhunting mission. Though not exclusive, they are usually adjunct support efforts to USSOCOM's existing MIP programs, to include SOCRATES, Global Video Surveillance, HF-TTL, JTWS, DCGS-SOF, Friendly Force Tracking, and TACLAN.
- Joint Threat Warning System (JTWS) is an evolutionary acquisition (EA) program that provides threat warning, force protection, enhanced situational awareness, and target identification/acquisition information to SOF via signal intercept, direction finding and Signals Intelligence (SIGINT). JTWS will employ continuing technology updates to address the changing threat environment. SOF SIGINT operators are globally deployed and fully embedded within Special Operations (SO) teams and aircrews in every operational environment. This state-of-the-art technology enables SOF operators to provide critical time sensitive targeting and actionable intelligence to the operational commander during mission execution. Intelligence derived from operations supports campaign objectives and the National Military Strategy. This system has variants that utilize common technologies and interfaces allowing operators to task, organize, and scale equipment based on anticipated signal

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<p>environments and areas of operation. Variants will be modular; lightweight with minimal power requirements; and configurable to support body worn/mobile or static, air, maritime and precision geo-location operations in support of all SOF missions. Each variant, except static, will be capable of operation by a single trained operator. The four variants are Ground SIGINT Kit (GSK) Bodyworn/Mobile and Team Transportable GSK static, Air, Maritime, and Precision Geo-Location (Ground and Air).</p> <p>ABOVE OPERATIONAL ELEMENT (GARRISON)</p> <ul style="list-style-type: none"> Counter-Proliferation Analysis and Planning System (CAPS). Department of Defense (DoD) has a planning mission for counter-proliferation (CP) contingency operations. The Office of the Secretary of Defense (OSD) has identified CAPS as the standard CP planning toolset for DoD, and the Assistant to the Secretary of Defense for Nuclear and Chemical and Biological Defense Program has consolidated RDT&E funding at USSOCOM for overall program management. U.S. Strategic Command serves as the coordinator for CAPS production requirements and provides O&M funding. The Defense Threat Reduction Agency provides science and technology expertise and integration support to enhance CAPS capabilities. CAPS provides tools and assessments to DoD and SOF mission planners to aid in worldwide identification and analysis of suspected weapons of mass destruction and potential targets; assesses the associated effectiveness, costs and risks of various CP options and their collateral effects; and develops alternative plans. CAPS is a primary source of CP mission planning information for Combatant Commanders who are the principal customers. CAPS requires ongoing development, integration and testing of leading edge technology for operational planning and processes in order to provide the best possible engineering analysis and to support consequence engineering to meet changing threats. The Special Operations Command Research, Analysis and Threat Evaluation System (SOCRATES) is an umbrella program that acquires and supports the network and computing infrastructure for Special Operations Forces (SOF) intelligence information up to and including the Top Secret, Sensitive Compartmented Information (TS/SCI) level. SOCRATES integrates intelligence information from national, theater, Service and SOF-specific databases; provides news service and message traffic; automated imagery processing, dissemination, and archival; analyst-to-analyst electronic mail and collaborative tools; web interfaces/search capabilities and browse-down capability to Secret web servers; and secure voice and facsimile. It provides a seamless and interoperable interface enabling SOF-unique intelligence support to mission planning and intelligence preparation of the battlespace. Effective FY2010 the Joint Interagency Collaboration Center program became part of the SOCRATES program. Classified. Provided under separate cover. Projects also include the following Congressional adds: <ul style="list-style-type: none"> Multi-Spectral Laboratory & Services is a research effort concentrating on next-generation, multi-spectral sensors to support both the warfighter and first responder communities. Testing of biometrics and Psychological Operations efforts were conducted. Also performed testing, integration and commercialization of chemical, biological, radiological, nuclear and explosive (CBRNE) and command, control, communications computers intelligence surveillance, reconnaissance (C4ISR), sensor-related technologies. 		

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<ul style="list-style-type: none">Picoceptor and Processor for Manportable Threat Warning. This is a continuation of an FY2007 initiative for pico-processor development. The proof-of concept was tested in FY2008. FY09 continued development of Picoceptor and processor for Manportable Threat Warning for insertion into GSK as an Evolutionary Technology Insertion (ETI). FY10 completed prototype development and initiated conduct of operational and integration testing.Biometric Signature Research project developed 3-dimensional facial identification software and integrated it with existing Special Operations Tactical Video System collection platforms. This effort leveraged research gained from an ongoing project that is working to develop an independent (self-contained) system capable of collecting images from a distance and generating 3-dimensional images of subjects that can be stored and matched against full or partial facial images.The Advanced Long Endurance Unattended Ground Sensor development. This effort conducted research and development of advanced, low power unattended ground sensor (UGS) technologies that will provide the special operations warfighter with total, reliable and up-to-the minute situational awareness.SOCRATES High Assurance Program supported development of the High Assurance Platform (Trusted Virtual Environment) to provide the capability for a secure solution allowing the user to access multi-level information (TS/SCI) to unclassified, as well as, a multi-domain information (NATO, Coalition) on a single desktop/laptop. Significant cost savings will be realized by the DoD throughout the life cycle of this technology.Counter-Proliferation Analysis and Planning System (CAPS) will support military planners and intelligence analysts in identifying facilities and buildings that are critical nodes in the weapons of mass destruction manufacturing process.						
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Title: Counter-Proliferation Analysis and Planning System FY 2010 Accomplishments: Completed Spiral 9 and began Spiral 10 development of the CAPS database, intelligence support procedures, information technology systems planning, system integration and interface control, software development, and development of analytical tools and system interfaces. FY 2011 Plans: Complete Spiral 10 and begin Spiral 11 development of CAPS engineering assessments, analytical process tools, and network interfaces for product dissemination to DoD and Combatant Command mission planners. FY 2012 Base Plans: Completes Spiral 11 and begin Spiral 12 development of CAPS engineering assessments, analytical process tools, and network interfaces for product dissemination to DoD and Combatant Command mission planners.		14.931	17.501	21.230	-	21.230
Title: National Systems Support to SOF FY 2010 Accomplishments:		9.967	10.419	0.756	-	0.756

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B. Accomplishments/Planned Programs (\$ in Millions)				FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Developed Special Operations Force (SOF) required prototype capabilities, primarily through leveraging current or developing technologies and assets in the National Intelligence Community (NIC), while coordinating with other SOCOM and NIC Programs of Record for production and operational fielding of the successful capabilities. Emphasis areas included Intelligence, Surveillance, and Reconnaissance (ISR) support for Tagging, Tracking, and higher-accuracy Geolocating hostile forces as well as Blue-Force Tracking, especially in system-challenged environments. Developed a single card solution for combat identification. FY 2011 Plans: Develop SOF-required prototype capabilities, primarily through leveraging current or developing technologies and assets in the NIC, while coordinating with other SOCOM and NIC Programs of Record for production and operational fielding of the successful capabilities. Emphasis areas include ISR support for Tagging, Tracking, and higher-accuracy Geolocating hostile forces as well as Blue-Force Tracking, especially in system-challenged environments. FY 2011 OCO Plans: Conduct research and development of advanced, low power unattended ground sensor technologies. FY 2012 Base Plans: Develops SOF-required prototype capabilities, primarily through leveraging current or developing technologies and assets in the NIC, while coordinating with other SOCOM and NIC Programs of Record for production and operational fielding of the successful capabilities. Emphasis areas will include ISR support for Tagging, Tracking, and higher-accuracy Geolocating hostile forces as well as Blue-Force Tracking, especially in system-challenged environments.								
Title: Special Operations Command Research, Analysis, and Threat Evaluation System FY 2010 Accomplishments: Began Spiral 3 development of the SOF Intelligence Data Management System (SIDMS). Developed, integrated, and tested technology upgrades and experimental technologies to include advanced data automation; testing of techniques for integrating metadata into existing SOF data repositories; developed a Java-compliant machine language translation; protection level 3 integration; and multiple technology insertions. FY 2011 Plans: Integrate SIDMS to the SOF data layer to enable interoperability with the Defense Intelligence Information Enterprise to support net-centric data sharing with USSOCOM partners using the Distributed Common Ground				0.683	1.516	2.113	-	2.113

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
System Special Operations Forces (DCGS-SOF). Develop, integrate and test technology upgrades and experimental technologies to include advanced data automation; testing of techniques for integrating metadata into existing SOF data repositories; develop a Java-compliant machine language translation; protection level 3 integration; and develop a data warehousing capability. FY 2012 Base Plans: Continues to integrate SIDMS to the SOF data layer to enable interoperability with the Defense Intelligence Information Enterprise to support net-centric data sharing with USSOCOM partners using the DCGS-SOF. Develops, integrates and tests technology upgrades and experimental technologies to include advanced data automation; testing of techniques for integrating metadata into existing SOF data repositories; develops a Java-compliant machine language translation; protection level 3 integration; and develops a data warehousing capability.						
Title: Joint Threat Warning System FY 2010 Accomplishments: Funded integration of GSK bodyworn/mobile/static networking solution. Funded the purchase of three engineering development models for testing to satisfy the Air variant Direction Finding (DF) requirement. FY 2011 Plans: Complete ETI development and testing to integrate Picoceptor into GSK body worn/mobile and static systems. Integrate Precision Geo-location capabilities into Air Variant payloads. FY 2012 Base Plans: Completes networking and testing within the JTWS Family of Systems and implements Time Direction of Arrival. Completes Air Special Signals Processor integration and automation.		3.571	3.883	3.367	-	3.367
Title: JTWS Maritime Variant FY 2012 Base Plans: Completes networking and testing within the JTWS Family of Systems and implements Time Direction of Arrival. Completes Air Special Signals Processor integration and automation.		-	-	0.450	-	0.450
Accomplishments/Planned Programs Subtotals		29.152	33.319	27.916	-	27.916
		FY 2010	FY 2011			
Congressional Add: Picoceptor and Processor for Manportable Threat Warning		3.187	-			

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	FY 2010	FY 2011
FY 2010 Accomplishments: Completed Picoceptor prototype development and conducted operational and integration testing to JTWS GSK Bodyworn/Mobile and Static systems.		
Congressional Add: Advanced Long Endurance Unattended Ground Sensor Technologies FY 2010 Accomplishments: Conducted research and development of advanced, low power unattended ground sensor (UGS) technologies that will provide the special operations warfighter with total, reliable and up-to-the minute situational awareness.	3.904	-
Congressional Add: Multi Spectral Lab and Analytical Services Center FY 2010 Accomplishments: Performed testing, integration and commercialization of Chemical, Biological, Radiological, Nuclear, high-yield Explosives (CBRNE) and Command, Control, Communications, and Computers (C4) Intelligence, Surveillance, and Reconnaissance (ISR) sensor-related technologies.	1.992	-
Congressional Add: Biometric Optical Surveillance System (BOSS) FY 2010 Accomplishments: Enabled Biometric Optical Surveillance System (BOSS) to develop prototypes for the Department of Defense and provided new capability to use remote monitoring of unique biometric identifiers to increase national security.	5.975	-
Congressional Add: Counter-Proliferation Analysis and Planning System FY 2010 Accomplishments: Supported military planners and intelligence analysts in identifying facilities and buildings that are critical nodes in the weapons of mass destruction manufacturing process	3.984	-
Congressional Add: USSOCOM SOCRATES High Assurance Program FY 2010 Accomplishments: Supported development of the High Assurance Platform (Trusted Virtual Environment) to provide the capability for a secure solution allowing users to access multi-level information to unclassified on a single desktop/laptop.	0.997	-
Congressional Adds Subtotals	20.039	-

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C. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u> <u>Base</u>	<u>FY 2012</u> <u>OCO</u>	<u>FY 2012</u> <u>Total</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• PROC1: <i>SOF INTELLIGENCE SYSTEMS</i>	109.041	75.892	74.702	43.558	118.260	71.169	75.143	81.513	80.964	Continuing	Continuing

D. Acquisition Strategy

- National Systems Support to SOF is a project to introduce and integrate national systems capabilities into the SOF force structure and operations. Activities include increasing national and commercial systems awareness, demonstrating the tactical utility of national systems and commercial data, testing technologies and evaluating operational concepts in biennial Joint Staff Special Projects, and transitioning promising concepts and technologies to other SOF program offices for execution.
- Joint Threat Warning System is an EA program that provides threat warning, force protection, enhanced situational awareness, and target identification/ acquisition information to SOF via signals intercept, direction finding and signals intelligence (SIGINT). This program will employ continuing technology updates to address the changing threat environment.
- Counter-Proliferation Analysis and Planning System is an on-going developmental initiative chartered by the Assistant to the Secretary of Defense for Nuclear, Chemical and Biological Defense Programs, which was transferred to USSOCOM from the Defense Threat Reduction Agency to develop, integrate and test "leading edge technology" for operational planning to provide engineering analysis and support consequence engineering tools to meet changing threats.
- Special Operations Command Research, Analysis and Threat Evaluation System will integrate a SOF-peculiar cross-domain solution to support the seamless integration of intelligence data into mission planning and command and control capabilities in both a garrison and tactical environment. USSOCOM will leverage available funds against ongoing efforts by other government agencies to meet SOF-peculiar documented requirements.

E. Performance Metrics

N/A

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Product Development (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Joint Threat Warning System (JTWS)-Air Increment 2	MIPR	SPAWAR:Charleston, SC	2.045	0.945	Nov 2010	0.690	Nov 2011	-		0.690	Continuing	Continuing	
JTWS-Team Transportable - Ground Signal Intelligence Kit (GSK) Static	MIPR	SPAWAR:Charleston, SC	9.048	0.266	Dec 2010	0.266	Nov 2011	-		0.266	Continuing	Continuing	
JTWS-GSK, Inc 2	MIPR	SPAWAR:Charleston, SC	13.942	2.022	May 2011	1.761	May 2012	-		1.761	Continuing	Continuing	
JTWS-Maritime	MIPR	SPAWAR:Charleston, SC	0.198	-		0.450	Nov 2011	-		0.450	Continuing	Continuing	
JTWS-Advanced Tactical Warning Radio	WR	Agilent Technologies:Santa Clara, CA	2.786	-		-		-		-	0.000	2.786	
JTWS-Picoceptor and Processor for Manportable Threat Warning	WR	DRS Signal Solutions:Merrimack, NH	9.063	-		-		-		-	0.000	9.063	
JTWS-Signal Intel and Elec Warfare Dev	WR	SRC:Charleston, SC	1.596	-		-		-		-	0.000	1.596	
JTWS-NSA Intern Support	MIPR	NSA:Ft. Meade, MD	-	0.100	Apr 2011	0.100	Apr 2012	-		0.100	Continuing	Continuing	
Counter-Proliferation Analysis and Planning System	MIPR	Lawrence Livermore National Labs:Livermore, CA	116.904	16.800	Nov 2010	20.501	Nov 2011	-		20.501	Continuing	Continuing	
National Systems Support to SOF	MIPR	Various:Various	11.330	0.426	Dec 2010	0.406	Dec 2011	-		0.406	Continuing	Continuing	
Special Operations Command Research, Analysis, and Threat Evaluation System (SOCRATES)	WR	Various:Various	2.490	-		-		-		-	0.000	2.490	
SOCRATES	MIPR	OGA:Washington, DC	-	1.240	Dec 2010	-		-		-	Continuing	Continuing	
SOCRATES	SS/FFP	SITEC:TBD	-	-		1.823	Oct 2011	-		1.823	Continuing	Continuing	
Biometric Signature Research	WR	EWA:Bowling Green, KY	7.970	-		-		-		-	0.000	7.970	
University Multi Spectral Lab and Analytical Service Center	WR	OSU:Stillwater, OK	3.588	-		-		-		-	0.000	3.588	

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Product Development (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
National Systems Support to SOF	TBD	TBD:TBD	3.904	-		-		-		-	0.000	3.904	
FY 2011 OCO (Classified)	TBD	TBD:TBD	-	9.440	Apr 2011	-		-		-	0.000	9.440	
Subtotal			184.864	31.239		25.997		-		25.997			

Support (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
CAPS Support	MIPR	Lawrence Livermore National Labs:Livermore CA	4.426	0.701	Nov 2010	0.729	Nov 2011	-		0.729	Continuing	Continuing	
Subtotal			4.426	0.701		0.729		-		0.729			

Test and Evaluation (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Joint Threat Warning System	MIPR	JITC:Ft. Huachuca, AZ	1.287	0.550	Jun 2011	0.550	Jun 2012	-		0.550	Continuing	Continuing	
Special Operations Command Research, Analysis, and Threat Evaluation System - Independent Verification and Validation	MIPR	MITRE:Bedford, MA	-	0.276	Jan 2011	0.290	Jan 2012	-		0.290	Continuing	Continuing	
Subtotal			1.287	0.826		0.840		-		0.840			

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Management Services (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Joint Interagency Collaboration Center	MIPR	MITRE:Tampa, FL	9.382	-		-		-		-	0.000	9.382	
Joint Interagency Collaboration Center	C/CPAF	L3 Comms:Tampa, FL	3.309	-		-		-		-	0.000	3.309	
National Systems Support to SOF Program Support	C/CPAF	Jacobs:Tampa, FL	3.856	0.553	Oct 2010	0.350	Oct 2011	-		0.350	Continuing	Continuing	
Hostile Forces-Tagging, Tracking, and Locating	C/CPFF	AT&T:Various	2.992	-		-		-		-	0.000	2.992	
Subtotal			19.539	0.553		0.350		-		0.350			
Project Cost Totals			210.116	33.319		27.916		-		27.916			

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 United States Special Operations Command **DATE:** February 2011

APPROPRIATION/BUDGET ACTIVITY

0400: *Research, Development, Test & Evaluation, Defense-Wide*
BA 7: *Operational Systems Development*

R-1 ITEM NOMENCLATURE

PE 1160405BB: *Special Operations Intelligence Systems Development*

PROJECT

S400: *SO Intelligence Systems*

	FY 2010				FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016			
	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
Advanced Long Endurance Unattended Ground Sensor (Cong Add)																												
Advanced Long Endurance Unattended Ground Sensor (Cong Add)																												
Special Operations Command Research, Analysis, and Threat Evaluation																												
Special Operations Command, Research, Analysis, and Threat Evaluation																												
Picoceptor and Processor or Man-portable Threat Warning (Cong Add)																												
Picoceptor and Processor or Man-portable Threat Warning (Cong Add)																												
National Systems Support to SOF Participation in Space Technology Dev and Demo																												
National Systems Support to SOF Participation in Space Technology Dev and Demo																												
FY10 OCO - NSSS																												
Single Card Solution for CID																												
Multi-Spectral Laboratory and Services (Cong Add)																												
Multi-Spectral Laboratory and Services (Cong Add)																												
FY 2011 OCO																												
FY 2011 OCO - Advanced Long Endurance Unattended Ground Sensor																												

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 United States Special Operations Command										DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY					R-1 ITEM NOMENCLATURE					PROJECT			
0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i>					PE 1160405BB: <i>Special Operations Intelligence Systems Development</i>					S400: <i>SO Intelligence Systems</i>			
BA 7: <i>Operational Systems Development</i>													

	FY 2010				FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016			
	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
Counter-Proliferation Analysis and Planning System Integration																												
Counter-Proliferation Analysis and Planning System Integration																												
Counter-Proliferation Analysis and Planning System Integration - Cong Add																												
Biometric Optical Surveillance System (Cong Add)																												
Biometric Optical Surveillance System (Cong Add)																												
Special Operations Command, Research, Analysis, and Threat Evaluation High Assurance Platform (Cong Add)																												
Special Operations Command, Research, Analysis, and Threat Evaluation High Assurance Platform (Cong Add)																												
Joint Threat Warning System																												
Variant Development, Test and Eval																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2012 United States Special Operations Command			DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 1160405BB: <i>Special Operations Intelligence Systems Development</i>	PROJECT S400: <i>SO Intelligence Systems</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Advanced Long Endurance Unattended Ground Sensor (Cong Add)</i>				
Advanced Long Endurance Unattended Ground Sensor (Cong Add)	4	2010	3	2011
<i>Special Operations Command Research, Analysis, and Threat Evaluation</i>				
Special Operations Command, Research, Analysis, and Threat Evaluation	1	2010	4	2016
<i>Picoceptor and Processor or Man-portable Threat Warning (Cong Add)</i>				
Picoceptor and Processor or Man-portable Threat Warning (Cong Add)	4	2010	3	2011
<i>National Systems Support to SOF Participation in Space Technology Dev and Demo</i>				
National Systems Support to SOF Participation in Space Technology Dev and Demo	1	2010	4	2016
<i>FY10 OCO - NSSS</i>				
Single Card Solution for CID	4	2010	3	2011
<i>Multi-Spectral Laboratory and Services (Cong Add)</i>				
Multi-Spectral Laboratory and Services (Cong Add)	4	2010	3	2011
<i>FY 2011 OCO</i>				
FY 2011 OCO - Advanced Long Endurance Unattended Ground Sensor	4	2011	3	2012
<i>Counter-Proliferation Analysis and Planning System Integration</i>				
Counter-Proliferation Analysis and Planning System Integration	1	2010	4	2016
Counter-Proliferation Analysis and Planning System Integration - Cong Add	4	2010	3	2011
<i>Biometric Optical Surveillance System (Cong Add)</i>				
Biometric Optical Surveillance System (Cong Add)	4	2010	3	2011
<i>Special Operations Command, Research, Analysis, and Threat Evaluation High Assurance Platform (Cong Add)</i>				
	4	2010	3	2011

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Exhibit R-4A, RDT&E Schedule Details: PB 2012 United States Special Operations Command			DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 1160405BB: <i>Special Operations Intelligence Systems Development</i>	PROJECT S400: <i>SO Intelligence Systems</i>	

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Special Operations Command, Research, Analysis, and Threat Evaluation High Assurance Platform (Cong Add)				
<i>Joint Threat Warning System</i>				
Variant Development, Test and Eval	1	2010	4	2016

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