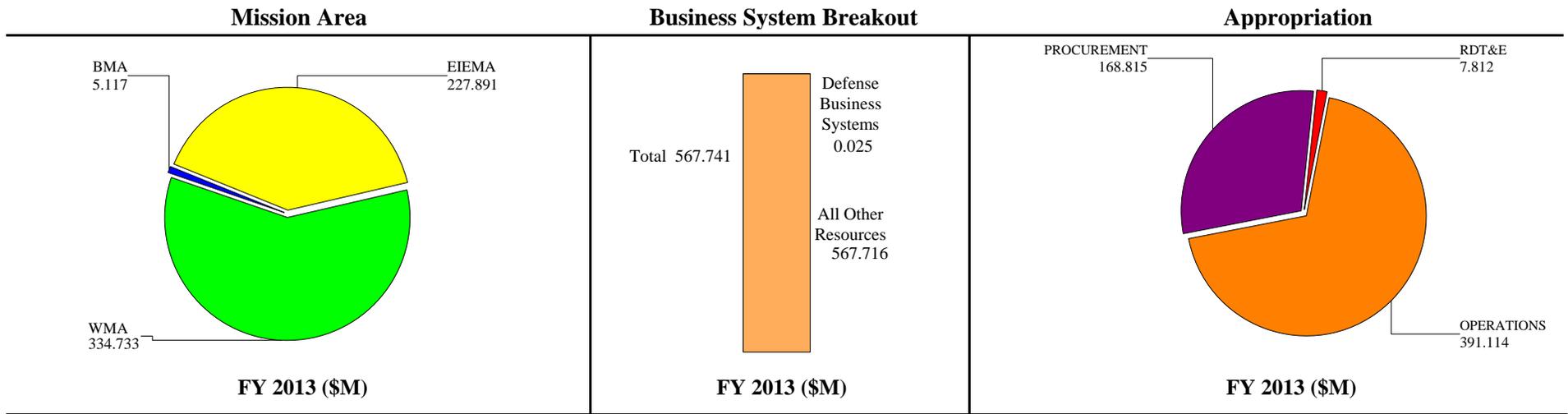


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FY12 to FY13 Comparison (\$M)	FY2012	FY2013	Delta	FY12/FY13PB Comparison (\$M)	FY2012	FY2013	Delta
PB FY2013:	597.518	567.741	-29.777	PB FY2012:	370.184	392.186	22.002
				PB FY2013:	<u>597.518</u>	<u>567.741</u>	-29.777
				Delta:	227.334	175.555	
Explanation:				Explanation:			
Completion in FY 2012 of appropriated Overseas Contingency (OCO)		-78.801		Shift of IA and PKI to classified reporting	-11.357	-10.966	
Transition of OCO to Baseline for enduring requirements		64.780		Nonprogrammatic Congressional reduction (O&M)	-8.000		
Completion of One-time Congressional Add (Procurement) SD Nodes		-77.000		Congressional Add (SDNode) Procurement	77.000		
Programmatic growth/inflation		61.244		Overseas Contingency Operation (OCO)	78.801		
Operations and Maintenance (\$24.424)				Transition of OCO to BASE-enduring requirements		64.780	
Procurement (\$32.616)				First time reporting in compliance with IT Registry (not new programs - SOMPE/JBS-RIS/SDN)	90.890	102.853	
RDT&E (\$4.204)				Program growth and Economic adjustments		18.888	

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Executive Summary

As United States Special Operations Command (USSOCOM) transforms to meet the ever-changing strategic environment of the 21st century, to include facing a wide variety of anticipated and unanticipated threats, we must develop an information environment that is effective, secure, robust, and adaptable in supporting our Special Operations Forces (SOF). This environment must support a Command whose increased speed, lethality, and degree of decisiveness can place them anywhere on the globe on short notice, ready to engage in decisive action. This responsibility requires an information environment and infrastructure that are as agile, responsive, and ubiquitous as the forces they support, and allow us to:

- Support direct and indirect SOF operations globally – defense, diplomacy, and development – as well as our Title 10 responsibilities.
- Provide, enable, or enhance our capabilities for command and control, universal situational awareness, collaboration, decision-making, and synchronization at the strategic, operational, and tactical levels among ourselves and with our mission partners.
- Treat mission and business information as a strategic resource, making it visible, accessible, and understandable to those that need it, when and where it is needed, within and beyond the USSOCOM enterprise.
- Reduce uncertainty and avoid miscommunications.
- Establish information dominance.

To position us for success with changing strategic environments and against future threats, we must maintain our current readiness while thoughtfully transforming our capabilities to meet the new realities. To that end, we must continue to invest in our world-class Information Technology (IT) environment – the SOF Information Environment (SIE).

The SIE is our cyberspace ‘weapons system’ supporting our need for information dominance and providing command and control, universal situational awareness, collaboration, decision-making, and synchronization at the strategic, operational, and tactical levels. Its unique focus on capabilities (what it does and can do to support SOF requirements), agility (how quickly it can expand and contract or adapt to changing circumstances), and responsiveness (global access supporting time sensitive requirements) provides an information environment that allows SOF to operate at the “speed of war.”

As such, the SIE is a critical enabler of both our direct and indirect operations and our Title 10 responsibilities. The SIE consists of the information infrastructure, systems, policies, processes, people, and knowledge that are required to support the full spectrum of special operations activities from staff functions to major combat operations (MCO). It enables or multiplies SOF’s abilities to meet mission needs, decreases the risk of unintended consequences, and increases effectiveness and efficiency across our operational and business domains.

Significant Changes

Significant Changes Between Years (Horizontal)
(Dollars in Thousands)

FY 2012 Current	\$597,518
Operations and Maintenance (O&M)	\$364,999

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Procurement	\$228,911
Research, Development, Test and Evaluation (RDT&E)	\$3,608

The Special Operation Mission Planning Environment (SOMPE) program develops, integrates, fields, trains and sustains a suite of common, digital mission planning software tools that make up the Mission Planning Environment (MPE) for Special Operations Forces (SOF). SOMPE ensures interoperability between components and is customized to enable platform and operator specific utilization. Mission planning support engineers are co-located with the end user at 18 locations worldwide and as subject matter experts, maintain operational readiness and availability of application suites and hardware. O&M: \$3,851 total increase- Supports the transition of Overseas Contingency Operation (OCO) to baseline, totaling \$1,781 to provide essential contracted logistics and program management support to field training systems and provide an integrated software suite of tools. SOMPE provides forward deployed, on-site functional mission planning support engineers. Inflation and program growth totaling \$2,070 meets the requirement. Modification of software enables integration with and utilization of the Army's new mission planning software across the USSOCOM user community (\$1,813); funds threshold support and training of personnel co-located with component units (\$1,679); SOF aviation mission planning hardware refresh and integration of software application data transfer to equipment, aircraft and simulators (\$359). Total O&M support of \$14,510 develops and sustains applications for equipment including GPS, MH-6M, MH-47G, MH-60M, C130-H and EC130-J. RDT&E: \$3,349 increase supports development of software applications to address SOF unique aviation, ground and maritime mission planning. Implements data transfer from systems to platforms (helicopters, airplanes and simulators). Develops specific training capabilities to support the new mission design series. \$7,200

Command, Control, Communications, Computers and Intelligence Automation (C4IAS) provides support for 80,000 user accounts, software/hardware maintenance, life-cycle sustainment, technology refreshment and program management support. Procurement: \$17,139 increase supports the engineering and integration of distributed data centers, commences acquisition of data storage devices on the classified network, and video distribution of hubs supporting dissemination of Full Motion Video (FMV). Funding supports new capabilities, improvements and new functionalities to include enterprise management upgrades, customer service desk upgrades, server/storage virtualization and provides equipment and engineering for the stand up of a communication networking system to support Intelligence, Surveillance, Reconnaissance mission requirements at a Remote Operation Control Center (ROC-C). O&M: \$3,541 increase – Task order support totaling -\$4,852 was realigned to the centrally managed SOF Information Technology Enterprise Contract (SITEC) and consolidated under the HQC4I program. Inflation and program growth totaling \$8,393 supports sustainment of inventory, capital equipment replacement and licensing for the SIPR/NIPR infrastructure. \$20,680

SCAMPI (not an acronym) is the principal medium to SOF units for garrison and tactical systems. Procurement: -\$178 Decrease - FY 2013 procures 1 new node site, 1 media port, full motion video evolutionary technology insertion (ETI), and capital equipment replacement for 11 node optimization/retrofits, and two tactical gateway SOF strategic entry points (SSEP). No major variance from prior year funding levels. O&M: -\$26,744 Decrease - Decrease of -\$24,509 reflects completion in FY 2012 of Overseas Contingency Operations (OCO) funded support. Program decrease of -\$3,662 reflects a realignment of task order labor to the centrally managed/consolidated SOF Information Technology Enterprise Contract (SITEC). This firm fixed-price, performance-based, service contract will be centrally managed and executed, with no loss of service to individual program

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requirements. Sustainment, capital equipment replacement, and Full Motion Video increased by \$1,427 to provide technical support. SOFC4IIN funds commercial leased and government provided long-haul, wideband communication circuits and airtime to support Special Operations Forces and operations to include tactical assured connectivity . O&M: \$26,300 increase reflects Overseas Contingency Operations (OCO) transition to baseline totaling \$36,790 to support bandwidth requirements for the deployed warfighter. Completion in FY 2012 of OCO funded airtime reflects a decrease of -\$20,200. Baseline increase of \$9,710 incorporates inflation and program growth for deployed and garrison circuits, airtime support for unmanned aerial operations, and Distributed Common Ground Systems (DCGS). Support is needed for the growing inventory of Tagging, Tracking and Locating (TTL) mission sets and DCGS equipment. Increased INMARSAT capability is provided for Theater Special Operations Commands (TSOCS) to meet mission requirements.

-\$26,922

\$26,300

HQC4I supports a variety of enterprise hardware, software and IT services. Effective FY 2012, USSOCOM realigned from existing programs and consolidated resources for the SOF Information Technology Enterprise Contract (SITEC) under this Initiative. This supports the command decision to centrally manage/execute the contract to ensure governance, accountability and efficiencies. In FY 2013, additional task orders totaling \$13,818 are identified and realigned. In addition, \$6,173 combined inflation and program growth supports data center server/storage/workstations, notebook and mobile devices. An \$814 increase supports the Knowledge Management tool for workforce training. Federal Support Program (FSP) increase of \$472 provides 24 x 7 in- theater maintenance for OCONUS requirements. Completion in FY 2012 of Overseas Contingency Operations (OCO) funded support reflects a decrease of -\$325. Decrease of -\$2,201 reflects completion of contracted efforts and realignment to SITEC (internal to HQC4I).

\$18,751

Video teleconferencing requirements are captured under the SCAMPI program effective FY 2012. O&M: -\$2,055 decrease reflects the curtailment of the VTC program. All networking will run through the SCAMPI system, with full compliancy.

-\$ 2,055

Tactical Local Area Network (TACLAN) consists of suites, mission planning kits, and field computing devices that provide SOF operational commanders and forward deployed forces advanced automated data processing and display capabilities. Procurement: -\$15,331 Decrease includes -\$13,387 for the completion in FY 2012 of Overseas Contingency Operations (OCO) executed for ten suites and single sign-on equipment/software acquisition. Net reduction to baseline procurement totals -\$1,944 to include: \$1.3 million for Advanced Special Operations Management System Integration and Test for 148 systems; \$0.2 million for the Full Motion Video; \$2.8 million for Theater Special Operations Command (TSOCs) and Marine Corps Forces Special Operations Command (MARSOC) primary support equipment upgrades. Drawdown of acquisition for suites and prime mission support equipment totaled -\$6.2 million. RDT&E: \$22 Increase reflects change in development scope for applications/evolutionary technology insertion (ETI). O&M: -\$4,764 Decrease - Transition of Overseas Contingency Operations (OCO) to baseline totaling \$2,405 supports unit training and sustainment of fielded equipment for Naval Special Warfare Command (NSWC). Program growth of \$1,176 supports Marine Corps Forces Special Operations Command (MARSOC) for fielded inventory of mission planning kits, suites and field computing devices. Reduction of -\$640 unit ancillary support is based on program projections. Completion in FY 2012 of OCO support reflects a reduction of -\$7,705.

-\$20,073

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SOF Deployable Node (SDN) is a family of satellite communication (SATCOM) assemblages that include Heavy, Medium, Lite, Evolutionary Technology Insertions (ETI), Intelligence system SATCOM transport as well as a capital equipment replacement program (CERP).

O&M: \$8,770 Net Increase - Completion of Overseas Contingency Operations (OCO) in FY 2012 totaling -\$8,602 reflects a decrease. In FY 2013, \$10,250 transitions from OCO to baseline to meet enduring requirements faced by SOF deployed components. Funding supports technical/trainers to allow quick reaction capability for maintenance and repair of variant systems. Inflation and programmatic growth of \$7,122 supports sustainment, spares and engineering technical support commensurate with fielded equipment inventory growth. Procurement: -\$63,072 Decrease - Congressional and Overseas Contingency Operations (OCO) supporting medium variants is executed in FY 2012 and reflects a decrease of -\$79,325. Baseline growth of \$16,253 incorporates equipment buys for Marine Corps Forces Special Operations Command (MARSOC) standup, deployed Theater Special Operations Commands (TSOCs) , and services to tactical operators leveraging hand-held 3G/4G technology. RDT&E: \$833 Increase - Development and testing of next generation capabilities to include line of sight enhancement, wideband SATCOM systems and encryption devices.

-\$53,469

A reduction of -\$189 thousand reflects the net impact of adjustments to a myriad of programs.

-\$189

FY 2013 Current	\$567,741
Operations and Maintenance (O&M)	\$391,114
Procurement	\$168,815
Research, Development, Test and Evaluation (RDT&E)	\$7,812

Business Defense Systems

United States Special Operations Command (USSOCOM) implemented its Planning, Programming, Budgeting and Execution System Management Information System (PPBESMIS) in 1991. This database has been steady state since 1997 with an annual maintenance cost of \$2.2 million. This system was originally identified as an Initiative during the FY 2007 program review cycle.

USSOCOM briefed an initiative to replace and/or integrate the PPBESMIS with the Special Operations Resource Business Information System (SORBIS) to the Business Transformation Agency (BTA) Financial Management (FM) Investment Review Board (IRB) in December 2006. The Defense Business Systems Management Committee (DBSMC) reviewed the proposal and it was certified in April 2007. The SORBIS contract was awarded in August 2009 and upon full operational capability (FOC), was intended to provide a single, integrated resource data management application within USSOCOM.

Operations and Maintenance resources for steady- state PPBESMIS sustainment is included in this submission and reflects a realignment from the SORBIS program. Research, Development, Test and Evaluation efforts for SORBIS were terminated in late FY 2011, with no capabilities being fielded.

Information Assurance Activities

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Strategic Goal – Protect Information. Public Key Infrastructure (PKI) implementation across the DOD with milestones for a phased deployment was initially directed in May 1999. United States Special Operations Command (USSOCOM) performed a front-end assessment identifying resources required to support this program. USSOCOM worked with the Services to leverage from their PKI Infrastructure. By FY 2003, Class 4 implementation was accomplished complete with certification and enterprise upgrades. In FY 2006, DOD directed that PKI be used to log onto all DOD unclassified networks and that access to network based resources be controlled through the use of PKI certificates on the Common Access Card (CAC). During FY 2010, the implementation of the Committee on National Security Systems (CNSS) PKI began on the Secret Internet Protocol Router Network (SIPRNET). During FY 2012, DOD directed CNSS Token issuance to all SIPRNET users and that SIPRNET resources begin requiring cryptographic logon and token-based authentication during FY 2012 and FY 2013.

Strategic Goal – Information Assurance Other/General Support. USSOCOM employs a systems engineering and technical assistance contract to support the command's efforts to protect Special Operations Forces Information Environment (SIE) systems and communications networks. The contract provides network security planning and assessment; program development and implementation; communication security (COMSEC) modernization; Information Assurance Systems (intrusion detection/firewalls/anti-virus); monitoring and configuration control; incident handling and response; C4I systems accreditation and compliance testing.

Strategic Goal – Defensive Network Protection Tools. USSOCOM's long-range vision is to achieve robust, reliable, layered and interoperable defenses of USSOCOM information and information systems. In order to achieve this goal, a defense-in-depth strategy is employed using layers of Information Assurance technology to enable information assurance dominance and ensure success in prosecuting Overseas Contingency Operations. Tools required to provide this defense include: firewalls, intrusion detection systems, anti-virus, anti-spy ware, web filtering, host based security systems, forensic investigation, penetration testing, auditing, and policy compliance. These capabilities will lead to more reliable, optimized and secure networks at all classification levels. FY 2011 improvements include continued build out of the DOD-directed Demilitarized Zone, including Reverse-Web Proxy capability, installation of policy compliance sensors, upgraded web filtering at gateways, and an automated certification and accreditation system for improved risk assessment. FY 2012 supports operation and maintenance costs for existing IA tools to include Cyber Threat Abatement. The reduction of contractor support teams, and the realignment of task order efforts under the centrally managed SOF Information Technology Enterprise Contract (SITEC) reflects a decrease in FY 2013. A sustainment effort for maritime component supports growth of monitoring and logging capability at regional nodes.

Major Accomplishments

C4IAS - The Command, Control, Communications, Computers and Intelligence Automation Systems (C4IAS) continues to provide Information Technology (IT) support for 79,000 user accounts, software/hardware maintenance, life-cycle sustainment/technology refreshment, and program management including travel, Independent Verification and Validation (IV&V) and component ancillary support. Investment resources procure campus transport capabilities, next-generation data storage, server technology upgrades, virtual server upgrades and web-centric solutions that support enabling the SOF warrior from the garrison environment to the tactical edge. Funding supports continued engineering and integration of services into the Distributed Data Centers (DDCs).

SCAMPI - SCAMPI (not an acronym) is a telecommunications system for the dissemination of information between USSOCOM, its components and their major subordinate units and selected government agencies and activities associated with the Special Operation Forces (SOF) community. FY 2011-2012 program initiated the migration plan for SCAMPI to transition off the long haul communications links by establishing Mobile SOF Strategic Entry Points (MSSEP) nodes at strategic locations. Relocation of the Washington Media Port to Georgia Media Port was completed. Upgrades to the servers and line cards at four USSOCOM Media Ports were accomplished. Initial fielding of the Full Motion Video capability was completed SSEP Europe and SSEP 2.

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TACLAN - Tactical Local Area Network (TACLAN) program procured six network suites, 18 Capital Equipment Replacement Program (CERP) suites, 533 Field Computing Devices (FCDs), 160 laptops, and 20 Mission Planning Kits (MPKs) to meet operational commanders and forward deployed forces mission requirements. A SOF voice communication software solution called Wide Area Voice Environment (WAVE) was implemented to remotely monitor two-way radio transmissions connected to the network. The procurement and integration of 14 TACLAN Coalition Segments enabled SOF forces to rapidly share information with current and future partners.

SDN - SOF Deployable Node (SDN) is a family of satellite communications assemblages that includes the following subprograms: Heavy(H), Medium (M) , Lite (L), Evolutionary Technology Insertions (ETI), Intelligence system satellite communications (SATCOM) transport as well as a capital equipment replacement program. Fielding of equipment completed during FY 2011: 102 new SDN-L vx; 6 new and 17 CERP SDN-M; 3 new SDN-H; 21 GATR inflatable antennas; and 8 Phoenix SOF Modifications. Initial upgrades for the Interim Mobile SOF Strategic Entry Point (IMSSEP) were completed. Maritime Wide-band SATCOM-on-the-move (WB SOTM-A) needs were addressed by fielding of a SDN-H variant onto the Maritime Support Vessel (MSV) and initial testing of WB SOTM-A integrated on the MK-V platform. New Equipment Training (NET) and the Joint Interoperability Test Command (JITC) Non-Traditional Assessment (NTA) for the new SDN-Lv3b variant was completed as part of the preparation for the Full-Rate Production (FRP) decision. A Defense Acquisition Challenge (DAC) test of the Tactical Beyond-Line-of-Sight (TBLOS) system was completed and will provide the ability to extend the Special Operations Forces Information Environment (SIE) up to forty seven miles with the goal to realize savings in satellite airtime costs.

Major Planned Activities

C4IAS - USSOCOM continues consolidation of dispersed and isolated resources into a robust, centrally managed and survivable data center construct in accordance with Chairman of Joint Chiefs of Staff (CJCS) guidance and the Office of Management and Budget Federal Data Center Consolidation Initiative. When realized, the Distributed Data Center construct will provide efficient, survivable data operations for the Command enabling continued operations in the event of an emergency or Continuity of Operations (COOP) scenario.

SCAMPI - SCAMPI (not an acronym) is the principal medium to Special Operations Forces (SOF) units for garrison and tactical systems. FY 2012 -2013 plan is to continue the SCAMPI migration of critical nodes and SSEPs from the long haul communication network to a more capable optical based transport environment. European and Pacific Metropolitan Area Network will be implemented to establish SSEP Europe and SSEP Pacific as regional network hubs for their respective theater components. Implementation of the Southwest Regional Hub Migration plan will consolidate the nodes in the Southwest region and Mid-Atlantic region. Planned upgrades to the three SOF Strategic Entry Points (SSEP) gateways, one media port replacement and one Full Motion Video evolutionary technology insertion (ETI) are included.

TACLAN - Tactical Local Area Network procures one new network suite, 10 Capital Equipment Replacements (CERPs), 10 Field Computing Devices, 6 Mission Planning Kits, 1 Full Motion Video Kit and 205 Advanced Special Operations Management (ASOM) workstations. Operations and Maintenance provide s life-cycle sustainment, configuration management and technical engineering support for fielded units.

SDN - SOF Deployable Node reflects FY 2012 plans to conduct design reviews and procure, integrate, test and field the baseline Mobile SOF Strategic Entry Point (MSSEP). Baseline funding supports fielding of two Phoenix Modifications; 109 SDN-L vx and 39 SDN-L v3b; 79 SDN-M ; 2 SDN-H and 20 SDN-H antenna upgrades; and 13 SDN-Extension Packages (EP). Congressional Plus-up funding is adding 30 SDN-M and 50 SDN-L v3b. It also supports Riverbed appliance deployment will be to all currently fielded SDN-H and SDN-M terminals to support the Command SOF Network initiative and kits for Ka and X band WGS and X band commercial access for the 1.2 M SDN-M antennas. An additional SDN-H variant for the Maritime Support Vessel will be fielded and testing will be completed with an initial operational capability provided. Technical solutions for a roll-on/roll-off (Satellite Communications On the Move) capability will be assessed and tested. Two Tactical Beyond Line of Sight Systems (TBLOS) will be

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provided for extended operational assessment. Cooperative Research and Development (R&D) assessments of Ground Mobile WB SOTM will be conducted with US Army Science and Technology Division (S&TCD). Testing and assessment of a common scalable baseband for SDN and Product Distribution System (PDS) will be conducted along with transport entry points for mobile computing.

JBS/RIS - The Joint Base Station Radio Integration Systems is a family of systems that provides fixed and deployable SOF base station tactical radio communications in the HF, VHF, UHF and UHF SATCOM frequency bands in support of SOF missions. RIS provides the ability to exchange secure/non secure voice, secure data, and remote communications with other deployed tactical SOF elements as well provide voice and data communications with higher headquarters. The RIS allows SOF operators in the field to expand and reconfigure the quantity and capability of individual radio nets, links and networks to accommodate up to 16 radios. RIS program will procure eight RIS-Lite systems and one RIS in FY13. Operations and Maintenance will provide life-cycle sustainment, configuration management, information assurance, and technical engineering support for fielded units.

IT Enterprise Strategy & Roadmap (ITESR) Implementation Activities

Consolidate Security Infrastructure (NS1)

In support of the DOD IT Strategy and Roadmap plan to consolidate security infrastructure, USSOCOM has focused its efforts to establish a Special Operations Forces (SOF) Information Environment (SIE) that is in line with this initiative. USSOCOM has developed an Information Assurance (IA) Master Plan with the intent of standardizing IA tools across the SIE, reducing duplication and complexity while improving efficiency and lowering cost to defend the network. The ultimate goal is to improve security through centralization of server computing; division of network into manageable and securable zones that enforce consistent policies; placement of sensors at the most efficient locations for traffic capture and inspection; and centralization and consolidation of the operations centers, tools, and personnel that monitor and defend the network. This will reduce the time, tools, and talent needed to perform the network security mission.

Implement Cross-Domain Solution as an Enterprise Service (NS3)

To assist in satisfying its substantial Cross Domain requirements, USSOCOM has implemented the following capabilities:

- Data Guard: The Information Support Server Environment (SSE) Guard is operational to pass information, bi-directionally, between the Joint Worldwide Intelligence Communications System (JWICS) and the Secret Internet Protocol Router Network (SIPRNet).
- Multi-Level Security End User Device(s): The Command, in conjunction with NSA, has been developing the High Assurance Platform (HAP). The HAP is currently being used to access information simultaneously from JWICS, SIPRNet, NSANet, multiple Coalition networks from a single workstation.
- Automated Data Review: To assist in minimizing the potential of a security compromise in passing information from JWICS to SIPRNet and/or SIPRNet to NIPRNet, the Command is utilizing the Desktop Dissemination Tool (DDT), which does an electronic scan of documents to identify potential words and content, some of which would be hidden from normal human review, that is not allowed to pass from JWICS to SIPRNet or SIPRNet to NIPRNet. Additionally, the Command has implemented the Workflow Enforcement Server (WES) that ensures documents are passed to the appropriate reviewing official for two person rule enforcement.

Joint Information Environment (JIE)/Joint Enterprise Network (JEN) (NS8)

USSOCOM currently employs the SIE as its Global network supporting SOF. This network is the fourth largest network within DOD. USSOCOM has built a robust, hi-bandwidth garrison and tactical SECRET level network infrastructure ((SCAMPI) – not an acronym) that enables SOCOM personnel unfettered data communications

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access across the globe, however shared data services (domain membership, email, portal, file sharing) has fallen short due to the decentralized implementation methodology that was used. SOFNET (SOF Network) is the effort that will correct this short fall by creating a single logical and physical construct for all SOCOM components (garrison and deployed) to house their users, workstations and servers. This singular construct will enable users to experience a sign-on user account/email account that is operational across the globe at any SOCOM component as well as have full access to all information stores created and housed within a SOCOM component. During FY11 actions were initiated to support implementation of SOFNET. During FY12, we have established an aggressive timeline, with anticipation to have this global network completed during the 3rd quarter of the FY. Consistent with the JIE concept, the network will provide for consolidated network services; joint NETOPS; and, integrated tactical services.

Data Center and Server Consolidation (CS1)

USSOCOM has two data centers, one at Fort Bragg, North Carolina, and the other at MacDill Air Force Base, Florida. The current data centers are not able to support 100% of the existing SIE services due to each location's physical space constraints. In the present configuration these two data centers offer site-unique or Component-unique and diverse data to the SIE. This current SIE data center environment provides limited replication for Disaster Recovery (DR)/Continuity of Operations (COOP), operates less efficiently in terms of operational cost and effectiveness, and represents significant, multiple "Single Points of Failure" within the SIE. A disaster to any single data center would cripple the ability of its supported units to perform their missions. Critical to support OMB and DOD CIO goals is the establishment of a third USSOCOM data center location with sufficient space and resources to create a true DDC and provide a consolidated SOF community COOP location. To this effort, Tinker Air Force Base, Oklahoma is being explored as a location for USSOCOM's third data center site. Tinker was approved for use by USSOCOM by the USAF. The requirement has been validated and will currently compete for MILCON funding in FY15. It is anticipated that the project could be completed in FY17. Cost avoidance and savings will be realized upon completion. Tinker AFB will be the first true DDC with the capacity to host 100% of SIE core services thus eliminating the potential for a single point of failure. DDC end-state will enable:

- a. Decreased existing lifecycle costs in relations to communications through reductions in hardware, facility (energy/footprint), licensing, and manpower.
- b. Once consolidation commences, existing SIE data centers will collapse into one of three DDCs.
- c. Increased performance and reliability – high availability of services.
- d. Promotion of Command-wide standardization, interoperability and maintain support to SOF-peculiar requirements.
- e. Increased operational responsiveness, mission effectiveness, and ability to meet surge and disaster scenarios.

During FY 2012-2013, USSOCOM will explore other alternatives, to include the utilization of commercial vendors to house DDC like services, and, utilization of PODS to support a containerized solution. All initiatives are consistent with the DOD guidance to reduce and/or consolidate data centers.

Enterprise Messaging and Collaboration (including email) (ADS1)

USSOCOM has asked to participate in the DISA sponsored Enterprise Email initiative, in limited quantities, to evaluate and determine suitability for SOF garrison, and, more importantly tactical/deployed forces. SOF requirements revolved around the warfighter at the tactical edge of the spear, and, it is essential that Enterprise initiatives provide the necessary capabilities, both on SIPRNet and NIPRNet to function in areas where communications connectivity is often low bandwidth and impacted by other elements.

Regarding collaboration, USSOCOM has already mandated that Defense Connect Online (DCO) is the standard, and, has recently implemented the Office Communications Suite (OCS) as a standard for chat due to its active directory relationships. We have relayed our requirements to DISA that the current version of DCO needs to be upgraded to ensure recent technology insertions are taken advantage of supporting effective and efficient collaboration techniques.

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Additionally, USSOCOM is providing for a Consolidated Web Environment (CWE). The CWE will allow an enterprise approach of seamless collaboration and sharing of data to the tactical edge through the portal. This capability will be transparent to the user. United States Army Special Operations Command (USASOC) was brought under this environment in November of Operations Command (MARSOC) over the next six months. The CWE will allow for centralized servers and system administration of USSOCOM Portal operations. Content Management will be remotely administered from each site.

Identity and Access Management (idAM) Services (ADS2)

The DOD CIO issued a memorandum on 14 October 2011 directing the implementation of DOD SIPRNet Public Key Infrastructure Cryptographic Logon and Public Key Enablement of SIPRNet Applications and Web Services. USSOCOM implemented pilot testing of approximately 100 users in the 1st quarter of FY10 and is currently working towards building a sound implementation strategy that will meet the dates outlined in the strategy memorandum.

Consolidate Software Purchasing (BP1)

USSOCOM, under its Program Execution Office (PEO) Command, Control, Communications and Computers (C4) division, manages Enterprise agreements, hardware and software, supporting Special Operations Forces. During FY11, the PEO addressed shortfall quantities and funding that had undergone “mission creep” over the previous four (4) years. For example, Microsoft products play a major role in the SIE, both in the infrastructure and desktop environments. Over the past several years, the PEO orchestrated multi-year contracts that allowed the Command to maintain our current licenses (software assurance) and also procure new licensing as expansion or implementation of next generation technologies impact daily operations. We had a single contract that addressed garrison requirements and a separate contract that addressed tactical requirements. Through a significant effort, and, identification of efficiencies, USSOCOM entered a consolidated agreement that saved the Command (and the Government) resources over the life of the contract. During FY 2012-2013, similar efforts were initiated to identify consolidation candidates (other than Microsoft) and reconcile savings across the Enterprise.

Consolidate Hardware Purchasing (BP2)

As stated under the software initiative, USSOCOM, under its PEO C4, manages Enterprise agreements, hardware and software, supporting Special Operations Forces. Exercising its Title 10 authorities and acquisition responsibilities, USSOCOM consolidates and coordinates all hardware purchases using existing Base Procurement Agreements (BPA). Accordingly, economy of scale and savings are realized in all significant procurement actions. When small quantities are purchased to support mission and/or other operational requirements, utilization of the BPA ensures discounted prices are achieved consistent with the agreement. This process also maximizes the benefit of an extended warranty negotiated as part of the agreement.

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Information Technology Budget Exhibit Resource Summary by Investment (IT-1)

----- Dollars in Thousands -----		
<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
472,293	597,518	567,741

RESOURCE SUMMARY:

1148 - Special Operations Resource Business Information System (SORBIS) (SORBIS (PPBES M))

Non-Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - INFORMATION MANAGEMENT

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
OPR & MAINT	BA 01 OPERATING FORCES	SPECIAL OPERATIONS COMMAND	492	0	0

Investment Resource Summary:

492	0	0
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1677 - SCAMPI (SCAMPI)

Non-Major

GIG Category:

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
OPR & MAINT	BA 01 OPERATING FORCES	SPECIAL OPERATIONS COMMAND	36,831	32,415	5,671

Procurement

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
PROCUREMENT	BA 02 SPECIAL OPERATIONS COMMAND	COMMUNICATIONS EQUIPMENT AND ELECTRONICS	13,680	16,340	16,162

Investment Resource Summary:

50,511	48,755	21,833
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1794 - STANDARD PROCUREMENT SYSTEM (SPS)

Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - ACQUISITION

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
OPR & MAINT	BA 01 OPERATING FORCES	SPECIAL OPERATIONS COMMAND	19	25	25

Investment Resource Summary:

19	25	25
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Information Technology Budget Exhibit Resource Summary by Investment (IT-1)

2045 - VIDEO TELECONFERENCING (VTC)

Non-Major

GIG Category:

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
OPR & MAINT	BA 01 OPERATING FORCES	SPECIAL OPERATIONS COMMAND	2,342	2,055	0

Procurement

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
PROCUREMENT	BA 02 SPECIAL OPERATIONS COMMAND	COMMUNICATIONS EQUIPMENT AND ELECTRONICS	1,373	0	0

Investment Resource Summary:	3,715	2,055	0
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2086 - COMMAND, CONTROL, COMMUNICATIONS, COMPUTING, AND INTELLIGENCE AUTOMATION (C4IAS)

Non-Major

GIG Category:

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
OPR & MAINT	BA 01 OPERATING FORCES	SPECIAL OPERATIONS COMMAND	126,271	52,049	55,590

Procurement

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
PROCUREMENT	BA 02 SPECIAL OPERATIONS COMMAND	AUTOMATION SYSTEMS	27,280	33,319	50,458

Investment Resource Summary:	153,551	85,368	106,048
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2088 - HQ. COMMAND, CONTROL, COMMUNICATIONS, COMPUTING, AND INFORMATION SYSTEMS (HQC4I)

Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING INFRASTR

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
OPR & MAINT	BA 01 OPERATING FORCES	SPECIAL OPERATIONS COMMAND	13,829	112,646	131,397

Investment Resource Summary:	13,829	112,646	131,397
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Information Technology Budget Exhibit Resource Summary by Investment (IT-1)

2821 - Special Operations Forces (SOF) Sustainment, Asset Visibility and Information Exchange (SSAVIE)

Non-Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - LOGISTICS - BUSINESS

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
OPR & MAINT	BA 01 OPERATING FORCES	SPECIAL OPERATIONS COMMAND	2,668	3,516	1,850

Investment Resource Summary:	2,668	3,516	1,850
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3813 - Special Operations Acquisition and Logistics (SOAL) Information System Integrated Financial Tool for SOAL (SOALIS-IFTS)

Non-Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - ACQUISITION

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
OPR & MAINT	BA 01 OPERATING FORCES	SPECIAL OPERATIONS COMMAND	653	781	803

Investment Resource Summary:	653	781	803
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3831 - Electronic Contract Information Transfer System (ECITS)

Non-Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - ACQUISITION

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
OPR & MAINT	BA 01 OPERATING FORCES	SPECIAL OPERATIONS COMMAND	1	0	0

Investment Resource Summary:	1	0	0
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3832 - Electronic Records Management System (ERMS)

Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - INFORMATION DISTRI

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
OPR & MAINT	BA 01 OPERATING FORCES	SPECIAL OPERATIONS COMMAND	530	657	597

Investment Resource Summary:	530	657	597
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Information Technology Budget Exhibit Resource Summary by Investment (IT-1)

3834 - Tactical Local Area Network (TACLAN)

Non-Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - COMMAND AND CONTROL

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
OPR & MAINT	BA 01 OPERATING FORCES	SPECIAL OPERATIONS COMMAND	36,814	36,565	31,801

Procurement

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
PROCUREMENT	BA 02 SPECIAL OPERATIONS COMMAND	AUTOMATION SYSTEMS	28,365	31,300	16,115
PROCUREMENT	BA 02 SPECIAL OPERATIONS COMMAND	COMMUNICATIONS EQUIPMENT AND ELECTRONICS	495	0	0
PROCUREMENT	BA 02 SPECIAL OPERATIONS COMMAND	INTELLIGENCE SYSTEMS	3,516	2,178	2,032

Sub Total: 32,376 33,478 18,147

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
RDT&E	BA 07 OPERATIONAL SYSTEMS DEVELOPMENT	1160404BB SPECIAL OPERATIONS TACTICAL SYSTEMS DEVELOPMENT	1,534	799	821

Investment Resource Summary: 70,724 70,842 50,769

3835 - Planning, Programming, Budgeting, Execution System - Management Information System (PPBES-MIS)

Non-Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - FINANCIAL MANAGEMENT

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
OPR & MAINT	BA 01 OPERATING FORCES	SPECIAL OPERATIONS COMMAND	3,285	2,308	2,439

Investment Resource Summary: 3,285 2,308 2,439

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Information Technology Budget Exhibit Resource Summary by Investment (IT-1)

3961 - Joint Base Station - Radio Integration System (Lite) (JBS-RIS)

Non-Major

GIG Category:

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
OPR & MAINT	BA 01 OPERATING FORCES	SPECIAL OPERATIONS COMMAND	1,982	1,975	2,013

Procurement

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
PROCUREMENT	BA 02 SPECIAL OPERATIONS COMMAND	TACTICAL RADIO SYSTEMS	5,979	2,111	3,457

Investment Resource Summary:	7,961	4,086	5,470
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3965 - Special Operations Mission Planning Environment (SOMPE)

Non-Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - COMMAND AND CONTROL

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
OPR & MAINT	BA 01 OPERATING FORCES	SPECIAL OPERATIONS COMMAND	10,458	10,659	14,510

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
RDT&E	BA 07 OPERATIONAL SYSTEMS DEVELOPMENT	1160427BB MISSION TRAINING AND PREPARATION SYSTEMS (MTPS)	3,408	1,417	4,766

Investment Resource Summary:	13,866	12,076	19,276
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Information Technology Budget Exhibit Resource Summary by Investment (IT-1)

3966 - Special Operations Forces Deployable Node - Lite, Medium, Heavy (SDN)

Non-Major

GIG Category:

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
OPR & MAINT	BA 01 OPERATING FORCES	SPECIAL OPERATIONS COMMAND	35,772	39,751	48,521

Procurement

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
PROCUREMENT	BA 02 SPECIAL OPERATIONS COMMAND	COMMUNICATIONS EQUIPMENT AND ELECTRONICS	56,216	143,663	80,591

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
RDT&E	BA 07 OPERATIONAL SYSTEMS DEVELOPMENT	1160474BB SOF COMMUNICATIONS EQUIPMENT AND ELECTRONICS SYSTEMS	894	1,392	2,225

Investment Resource Summary:

92,882	184,806	131,337
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5087 - SPECIAL OPERATIONS FORCES-C4 INFO INFRASTRUCTURE PROGRAM (SOF C4IIN)

Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING INFRASTR

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>
OPR & MAINT	BA 01 OPERATING FORCES	SPECIAL OPERATIONS COMMAND	57,606	69,597	95,897

Investment Resource Summary:

57,606	69,597	95,897
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