

DEFENSE INFORMATION SYSTEMS AGENCY (DISA)

FY 2009 Supplemental Request Operations and Maintenance, Defense Wide Budget Activity 04, Administrative and Service-Wide Activities

Detail by Subactivity Group

- I. **Description of Operations Financed:** The DISA is the combat support agency that plans, engineers, acquires, fields, and supports global net-centric solutions under all conditions of peace and war. The DISA provides telecommunications and information technology services common to the DoD components. In support of the DoD goals for net centricity and interoperability, the DISA provides products and leads activities that enable jointness. The DISA's responsibilities include:
- (1) Supporting contingency and wartime planning with the Joint Staff and the Combatant Commands (CoCOMs),
 - (2) Continuing support of the operations of Digital Video Broadcast-Return Channel Satellite (DVB-RCS) Hub and deployed suites in the Central Command (CENTCOM) Area of Responsibility (AOR),
 - (3) Maintaining effective communications for deployed elements in Afghanistan, Kuwait, Qatar, and Iraq in support of Operation Enduring Freedom (OEF) and Operation Iraqi Freedom (OIF), and
 - (4) Protecting the Global Information Grid (GIG), including telecommunications, information systems, and information technologies that process unclassified, sensitive and classified data.

The FY 2009 war-funding request will support:

- **DISN:** The sustainment of the Defense Information System Network (DISN) for the transport, data, voice, and video requirements from Central Command (CENTCOM), Special Operations Command (USSOCOM), and Europe Command (EUCOM) to provide continuous critical telecommunications capability in support of the OEF and OIF.
- **Commercial SATCOM:** The sustainment of direct, critical communication links for CENTCOM, USSOCOM, and warfighters operating in the CENTCOM AOR.
- **DVB-RCS system:** The operational sustainment and support of the DVB-RCS system for CENTCOM.

<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2009</u>	<u>FY 2009</u>
<u>Enacted</u>	<u>Request</u>	<u>Bridge</u>	<u>Remaining</u>

- **Field Office/Theater NetOps Center (TNC) Support:** Sustainment of NetOps support to CENTCOM by the DISA CENT Field Office and CENTCOM TNC to provide situational awareness (SA) required by CoCOM/Component leadership.
- **Standardized Tactical Entry Point (STEP) Program OEF:** Sustainment of the STEP program in CENTCOM AOR.
- **STEP Program OIF:** Sustainment of the STEP program in CENTCOM AOR.
- **Net-Centric Enterprise Services (NCES) Information Dissemination Management/Content Staging (IDM/CS):** Sustainment of hardware and software and onsite subject matter expertise at the IDM/CS server sites fielded to the primary and supporting CENTCOM locations in the continental U.S. (CONUS) and the CENTCOM AOR.
- **Global Command and Control System – Joint (GCCS-J) Integrated Imagery and Intelligence (I3) OEF and OIF:** Software development and fielding in support of CENTCOM’s critical intelligence requirements.
- **IA Combatant Commander Review:** Information assurance (IA) support to the COCOMs within their AOR.
- **OEF TDY Support:** Travel for military/civilian government staff in the DISA-SOUTHCOM Field Command to coordinate Joint Task Force-Guantanamo (JTF-GTMO) requirements for DISA services in support of OEF.
- **OIF Support Civilian Pay:** Civilian Pay for DISA personnel performing OIF operational and administrative tasks.
- **OIF TDY Support:** Travel for military/civilian government staff to the DISA-CENT Field Command, the Global NetOps Support Center (GNSC), and CENTCOM TNC.
- **Gold Disks:** Development of new Gold Disks for web servers, UNIX platforms, databases, and other technologies in the CENTCOM AOR.

II. Force Structure Summary: N/A

III. Financial Summary (\$ in Thousands):

CBS No.	CBS Title				
2.0	Personnel Support	525	2,950	300	2,650
2.1	Temporary Duty/Additional	534	450	300	150
3.0	Operating Support	149,244	146,405	30,500	115,905
	SAG Totals	150,303	149,805	31,100	118,705

	<u>FY 2008 Enacted</u>	<u>FY 2009 Request</u>	<u>FY 2009 Bridge</u>	<u>FY 2009 Remaining</u>
A. <u>Subactivity Group – DISN OEF Support</u>				
1. 3.0 Operating Support Costs	24,864	23,418	3,200	20,218

Narrative Justification:

FY 2009 funding will sustain DISN capacity commercial bandwidth for voice, video, and internet protocol services (\$14.2M). There is an increase in video costs due to optempo above the baseline (out-of-hours) (\$6.5M). Funding supports contractor FTEs forward deployed at the Europe TNCs supporting the Defense Red Switch Network and the Southwest Asia (SWA) TNC to operate and maintain network management systems (\$1.9M) and the maintenance of one mobile voice switch (\$0.8M), both purchased with supplemental procurement funds.

Impact if not funded: Critical support to the warfighter will be reduced or curtailed resulting in increased network congestion and decreased class and quality of service.

B. Subactivity Group – DISN OIF Support

1. 3.0 Operating Support Costs	32,164	49,467	2,000	47,467
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Narrative Justification:

FY 2009 funding will sustain terrestrial fiber bandwidth required to add network diversity and for transport backbone links from Victory Base to Kuwait and Bahrain (\$40.5M). The operation of the Video hub established in Bahrain (\$4.2M). Funding supports contractor FTEs deployed to the SWA TNCs to provide NIPRNet and SIPRNet 24X7 network management, Defense Red Switch Network field engineering at the SWA TNC, and two on-site field engineers to sustain DISN transport equipment at Victory Base (\$3.0M). In addition, the maintenance of digital voice equipment purchased with supplemental procurement funds that allow reduced bandwidth via compression (\$1.8M).

Impact if not funded: Critical support to the warfighter will be reduced or curtailed resulting in increased network congestion and decreased class and quality of service.

C. Subactivity Group – Commercial Satellite Communication (SATCOM)

1. 3.0 Operating Support Costs	22,031	24,000	11,410	12,590
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Narrative Justification: Funds pay for network management and commercial SATCOM leases for direct communication links to CENTCOM, US SOCOM, and warfighters operating in the CENTCOM AOR. Funds will provide equipment and personnel to operate the additional network management workstations in the DISA-CENT Field

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Command, DISA-Europe, the DISA-CONUS Global NetOps Center (GNSC), and Central Region TNC to ensure that critical communication functions support the pace of operations.

Impact if not funded: DISA will not have funding to continue providing 576 MHz of commercial satellite bandwidth, which provides critical communications connectivity to isolated locations and redundancy to terrestrial transmission connectivity. The commercial bandwidth currently supports 19 key communications trunks carrying hundreds of critical circuits providing support to users such as Multinational Forces Iraq (MNF-I), Coalition Forces Land Component Command (CFLCC), Army Forces Central Command (ARCENT), U.S. Central Command Air Forces (CENTAF), and U.S. Naval Forces Central Command (NAVCENT).

D. Subactivity Group – DVB-RCS

1.	3.0 Operating Support Costs	19,598	6,441	4,000	2,441
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Narrative Justification: Funding sustains the CENTCOM DVB-RCS system that provides technical assistance to end users on integration of subscriber suite with Local Area Networks, staffing for the Landstuhl hub operation, equipment warranty renewals, software license renewals, refresher training, and Tiers 1-2-3 help desk support. Funding pays for system security updates, equipment sparing, hub and subscriber suites configuration management, lease renewal on the satellite transponder, integration of system status with INMS and TMS, and technical engineering assistance on the architecture. The architecture outlines the path for dissemination of the new video feeds through Langley and the design and development of a remote interface to provide detailed system status to USCENTCOM.

Impact if not funded: The requirements will not be met and the reachback of Tactical Unmanned Aerial Vehicle (UAV) Video will cease.

E. Subactivity Group – Field Office/TNC Support

1.	3.0 Operating Support Costs	11,909	11,300	5,190	6,110
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Narrative Justification: Funding sustains NetOps requirements for DISA CENT support to CENTCOM for OIF/OEF. Requirements exceed TNC CENT capabilities to provide the depth of situational awareness (SA) required by COCOM/Component leadership. The warfighter requires a theater-wide, real-time communications infrastructure to provide secure and timely access to the DISN, and SA of all levels of that infrastructure. DISA CENT and TNC CENT require the technical staff to provide that SA to ensure that critical communications services are positively managed and controlled down to the warfighter.

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Impact if not funded: Lack of funding to provide the SA degrades leadership confidence in the quality and reliability of the communications infrastructure throughout the CENTCOM AOR.

F. Subactivity Group –STEP Program OEF

1.	3.0 Operating Support Costs	2,871	3,240	0	3,240
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Narrative Justification: The STEP provides interfaces for multi-media connectivity to DISN Service Delivery Nodes (SDNs) and the GIG. Funds are required for incremental sustainment costs of \$2.2M for equipment maintenance of six suites, \$0.75M for STEP systems and contingency exercise (CONEX) training, \$0.25M for utilization/planning tools, and less than \$0.1M for leased tail circuits.

Impact if not funded: DISA moves large amounts of fused intelligence and operational data down to the “first tactical mile.” Without funding, there will be no DISN data services down to the lowest tactical echelons, critical command and control (C2) support functions to the Warfighter, theater management of DOD networks, operational standards, and Information Systems security, information technology planning and technical support to the COCOMs, or network management and control functions performed on the GIG in the AOR.

G. Subactivity Group – STEP Program OIF

1.	3.0 Operating Support Costs	7,416	4,050	0	4,050
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Narrative Justification: The STEP also supports the extension of the DISN services to OIF deployed Warfighters. Funds are required for incremental sustainment costs of \$2.4M for equipment maintenance of nine suites, \$1.3M for Multiplexer Integration DCSS Automation System (MIDAS) and Compact Digital Switch/Switch Multiplex Unit (CDS/SMU) training and configuration management, and \$0.4M for utilization/planning tools.

Impact if not funded: Same impact as stated above for STEP OEF.

H. Subactivity Group – NCES IDM/CS

1.	3.0 Operating Support Costs	8,894	9,200	5,000	4,200
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Narrative Justification: IDM/CS is an integrated set of software tools for network-centric information awareness, access, and smart pull of raw, refined, and finished information holdings at the COCOMs and information producer locations. IDM provides improved delivery of critical information, including imagery, intelligence, and Microsoft files

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supporting split-based (concurrent Tampa-Qatar) operations. IDM/CS also provides improved ability to search information using the integrated search tool at the local and enterprise networks.

Funding sustains IDM/CS hardware, software, and onsite subject matter expertise at the IDM/CS server sites fielded to the primary and supporting CENTCOM locations in the CONUS and the CENTCOM AOR. The program consists of a combination of software resources that require licensing to sustain and improve the Content Staging program. Software and updates to the Content Staging program must comply with the DoD security and testing requirements, which require extensive testing to ensure that system is compatible with the SIPRNET and is able to withstand countermeasures from unauthorized users through its lifecycle.

Impact if not funded: CENTCOM will not be operational due to lack of updated hardware/software and on-site support to assist in maintenance, training and staging of information. CENTCOM uses IDM/CS across the AOR for efficient delivery and access to information. Recent activity showed IDM/CS moved 1GB of data per hour and maintained capability to transfer over 34MB of data per hour to maintain and synchronize information status and mission essential products, such as the Commanders Update Brief, Daily Intelligence Summary, imagery, replicated Joint Staff Operations (J3) web pages, and COOP contingency support, between Tampa and Qatar. IDM/CS capabilities are required for efficient movement of large files and large quantities of data across the CENTCOM AOR.

I. Subactivity Group –GCCS-J Integrated Imagery and Intelligence (I3) OEF

1.	3.0 Operating Support Costs	9,566	6,732	0	6,732
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Narrative Justification: Funding will sustain, operate, and maintain GCCS-J systems deployed in Afghanistan and the Horn of Africa in support of CENTCOM’s critical intelligence requirements. This task supports key software enhancements to GCCS-J I³ from requirements for the Joint Chiefs of Staff System of Record to interoperate and share information with coalition and service deployed systems. GCCS-J I³ system administrators and trainers provide full-time, on-site support at CJTF-101-Bagram AB, JIOC-A/ISAF HQ-Kabul; rotational support at CJTF-HOA-Djibouti; and mobile training teams that deploy to Kandahar and tactical forward operating bases (FOB) as directed. The funding supports pre-deployment training for deploying units/personnel in garrison and during training events to assure that they are ready to operate and effectively use the GCCS-J I³ applications immediately upon arrival in theater. Software enhancements include the DIA Persons and Organizations of Interest–Tracking (POINT) counter terrorism global database to support secure information sharing and access. GCCS-J I³ Cross-domain security features will enable near-real time data exchange among U.S. and coalition forces and agencies for force protection and counter

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terrorism operations. Costs include system administrators, technical and functional trainers, and travel and other direct costs (\$4.5M); software enhancements/software sustainment (\$1.482M); and hardware refresh (\$.75M).

Impact if not funded: Support to OEF-deployed units cannot be sustained. There will be no support for the Joint Chiefs' validated operational asymmetric warfare and cross-domain security requirements. The termination of this support infrastructure would disrupt the U.S./Coalition command, control, and intelligence capability to support operations in Afghanistan and the Horn of Africa.

J. Subactivity Group – GCCS-J I3 OIF

1. 3.0 Operating Support Costs	9,347	7,950	0	7,950
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Narrative Justification: Funds sustain, operate, and maintain GCCS-J I³ systems in Iraq, Camp Arifjan, Kuwait, CENTCOM Fwd HQ in Qatar, and III Corps HQ in support of CENTCOM's critical intelligence requirements. Highly skilled full-time personnel in Iraq maintain GCCS-J I³ systems and provide functional and technical training critical to the CENTCOM theater intelligence picture. Accelerated fielding of software enhancements supports the integration of counter terrorism data on individuals, events, and organizations with Army and Marines deployed systems. System administration and training personnel are deployed full time in-theater at MNC-I/MNF-I (Camp Victory) and mobile training teams deploy to tactical and remote sites as directed. Funds support OIF pre-deployment training for forces in CONUS, Europe, and the CENTCOM AOR. Costs include personnel, travel and other direct costs (\$6M); software enhancements/sustainment (\$1.4M); and hardware refresh (\$.5M).

Impact if not funded: There will be no support for Joint Chiefs' validated operational asymmetric warfare and cross-domain security requirements. The termination of this support infrastructure would disrupt the U.S./Coalition command, control, and intelligence capability to support security and stability operations in Iraq.

K. Subactivity Group – IA Combatant Commander Review

1. 3.0 Operating Support Costs	584	649	0	649
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Narrative Justification: DISA provides information assurance (IA) support to the COCOMs within their AOR. DISA is supporting the COCOMs' request to accelerate both the volume and the pace of the IA support provided. OIF increased the number of sites, complexity (due to coalition operations), and frequency (due to changing infrastructure), and accelerated coverage (due to the greater priority of the mission) of CENTCOM sites that would not have been supported if not for the contingency operation.

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Impact if not funded: The warfighters in theater will be more vulnerable due to a greater risk of compromised data and the denial of needed systems' services.

L. Subactivity Group – OEF TDY Support

1.	2.1	Temporary Duty/Additional Duty	6	50	0	50
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Narrative Justification: DISA personnel perform operational and technical tasks to combat support in current operations. This requires travel in CONUS and OCONUS to locations in and out of the USCENTCOM and USSOUTHCOM AORs. These funds allow DISA to support operations, attend planning meetings, and provide technical support to the mission. This initiative funds travel for DISA employees to deploy to COCOM's AOR to support operations in Afghanistan.

Impact if not funded: DISA will not have funds to continue providing travel for military/civilian personnel in support of OEF.

M. Subactivity Group – OIF Support /Civilian Pay

1.	2.0	Personnel Support	525	2,500	0	2,500
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Narrative Justification: Civilian Pay funds DISA-Central Field Command, the GNSC, and CENTCOM TNC civilian government personnel augmentees who support the pace of operations in the CENTCOM AOR, ensuring sustainment of critical communications support functions.

Impact if not funded: DISA baseline missions will be degraded as personnel will be diverted to support OIF.

N. Subactivity Group – OIF TDY Support

1.	2.1	Temporary Duty/Additional Duty	528	400	300	100
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Narrative Justification: The DISA-Central Field Command, the GNSC, and CENTCOM TNC military/civilian government personnel must travel to Camp Victory to ensure sustainment of critical OIF communications support functions.

Impact if not funded: DISA will not have funding to continue providing the staff required for 24x7 operation of the Bahrain Theater NetOps Center which control/manages/defends the theater networks for CENTCOM, thus placing the

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theater at major risk for network outages on Non-Secure Internet Protocol Router Network (NIPRNET), Secure Internet Protocol Router Network (SIPRNET), Defense Switched Network (DSN), Video Teleconferencing (VTC) and Intel support circuits that impact the warfighters ability to accomplish its mission.

O. Subactivity Group – Gold Disks

1. 3.0 Operating Support Costs

0	408	0	408
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Narrative Justification: Gold Disks are being developed for Windows operating systems, UNIX-based operating systems, and applications such as Microsoft Office, Internet Explorer, Netscape, and Internet Information Server (ISS). Funds are required to develop new Gold Disks for web servers, UNIX platforms, databases, and other technologies. The acceleration of and enhancements to this project supports the CENTCOM AOR.

Impact if not funded: The wartime joint environment of CENTCOM dictates the need for an automated configuration load that can be used across the systems that are provided by the various services. Another distinctive CENTCOM characteristic is the rapid turnover of the system administrators who provide Information Assurance support. Automated configuration loads reduce the response time to emerging threats by reducing operational impact of incoming system administrators’ training curve. Without these Gold Disks it will take warfighters longer to rebuild damaged systems, because technical expertise will be required to reconfigure the systems manually. In addition, systems may remain vulnerable longer, due to the increased technical expertise necessary to fix vulnerabilities.

Funding Totals

150,303	149,805	31,100	118,705
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