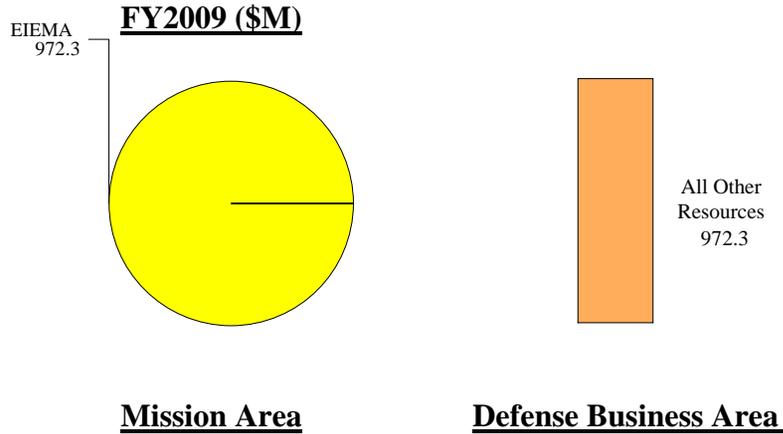


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FY08/09PB Comparison (\$M)

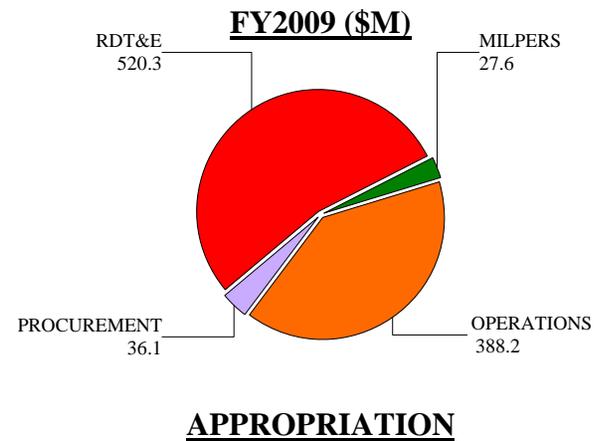
	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>
PB FY2008:	\$ 818.3	\$ 835.1	\$ 841.0
PB FY2009:	\$ 818.5	\$ 826.7	\$ 972.3
Delta:	\$ 0.1	\$ -8.3	\$ 131.2

Explain:
Refer to 'Significant Changes' section of the Overview

FY08 to FY09 Comparison (\$M)

	<u>FY2008</u>	<u>FY2009</u>	<u>Delta</u>
PB FY2009:	\$ 826.7	\$ 972.3	\$ 145.5

Explain:
Refer to 'Significant Changes' section of the Overview



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Executive Summary

The primary focus of the National Security Agency (NSA) Information Systems Security Program (ISSP) resources, after ensuring that the immediate Information Assurance (IA) needs of U.S. warfighters are met, is to transform IA capabilities and infrastructures. NSA products and services are developed and implemented to ensure that the fundamental tenets of IA (i.e., confidentiality, availability, integrity, authenticity, and non-repudiation) are assured for Net-centric operations.

Net-centricity is critical to transformation, and a secured Global Information Grid is the cornerstone of the process. To achieve security to the edge and make Joint Vision 2020 and full spectrum dominance a reality, it will require dedication and commitment by all. Information Assurance provides warfighters, commanders, and users the confidence and trust they demand.

To achieve the IA capabilities that will enable network-centric operations, Department of Defense (DoD) has developed an IA Strategic Plan. The plan provides a roadmap for DoD to successfully achieve the following goals: Protect Information, Defend Systems and Networks, Provide Integrated IA Situational Awareness/Command and Control (C2), Transform and Enable IA Capabilities, and Create an IA Empowered Workforce. NSA's FY2009 ISSP advances each of these goals.

Significant Changes

FY2007 to FY2008 Comparison Summary

The NSA ISSP top line increased approximately \$145.515M from FY2008 to FY2009. This augmentation reflects the increased focus on the Cyber Security Initiative beginning in FY2009. FY2009 funds will build on FY2008 activities to define the IA capabilities and technologies necessary to support the Global Information Grid (GIG), and to continue to evolve the IA component of the GIG Architecture. The programs that received funding under the Cyber Security Initiative are: Cross Domain Solutions; Mission and Network Systems; Vulnerability Analysis, Technology, and Integration; Operational Network Analysis and Vulnerability Mitigation; Cryptographic Key Management Operation and Sustainment; Information Systems Security Engineering Services; Network Encryption Products; Client Engagement and Community Outreach; Global Information Grid Information Assurance Portfolio Program Office, and Public Key Infrastructure Program Management Office.

Changes in FY2007, 2008, and 2009 between FY2008 PB submission and FY2009 PB submission.

FY2007 total increased approximately \$0.139M in PB09.

FY2008 total decreased approximately \$8.335M due to the Congressional pass-through reductions in FY2008.

FY2009 total increased approximately \$131.246M due to the addition of funding for the Cyber Security Initiative and adjustments made due to Economic Assumptions. Programs in receipt of additional funding for the Cyber Security Initiative include: Cross Domain Solutions; Mission and Network Systems; Vulnerability Analysis, Technology, and Integration; Operational Network Analysis and Vulnerability Mitigation; Cryptographic Key Management Operation and Sustainment; Information Systems Security Engineering Services; Network Encryption Products; Client Engagement and Community Outreach; Global Information Grid Information Assurance Portfolio Program Office, and Public Key Infrastructure Program Management Office.

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Defense Business Systems

A number of development activities will provide IA capabilities with applications for Defense Business Systems (DBS). However, no specific DBS are being developed with NSA ISSP dollars.

Information Assurance Activities

Summary of individual IA activities paid for by NSA ISSP dollars. These activities are organized according to DoD's IA Strategic Plan goals and objectives.

Protect Information - Example programs include: Cross Domain Solutions; Commercial Solutions and Releasable Products; Cryptographic Modernization Program Management Office and Warfighter Solutions; Custom Solutions for Special Operations, DoD Public Key Infrastructure; Edge System Solutions Engineering; Key Management Infrastructure (KMI) and KMI Operations and Sustainment; Microelectronics; Mission and Network Systems; Nuclear Command and Control; Net-centric Security Technology; Network Encryption Products; Protective Technologies; and Space and Weapons Systems.

Defend Systems and Networks - Example programs include: Advanced Network Operations; Operational Network Analysis and Vulnerability Mitigation; and Technology Analysis and Vulnerability Mitigation.

Provide Integrated Situational Awareness/IA Command and Control - Example programs include: Mission Analysis and Vulnerability Mitigation; NSA/CSS Threat Operations Center; and Vulnerability Analysis, Technology and Integration.

Transform and Enable IA Capabilities - Example programs include: Advanced Computing Systems; Ubiquitous Secure Collaboration; Client Engagement and Community Outreach; National Information Assurance Partnership; and IA Center for Communications Research.

Create and IA Empowered Workforce - An example program is the National INFOSEC Education and Training Program.

General Support - Example programs include: IA Information Technology Services, IA Installations and Logistics Services, and IA Mission Support.

Major Accomplishments

For national security reasons, the majority of the products and services that The National Security Agency (NSA) engages in throughout the year are classified. To get additional and detailed descriptions of the major accomplishments achieved by the NSA during FY 2007, please refer to the FY 2009 Congressional Justification Book for Information Systems Security Program and Other Department of Defense Information Assurance.

Two NSA employees joined other award recipients from the Center for Internet Security (CIS), the United States Air Force (USAF), and the Office of Management and Budget (OMB) to accept the National Information Security Leadership Award at a special ceremony at the National Press Club. This award follows a recent memorandum from OMB

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to all federal agency chief information officers (CIO) to implement a standard desktop configuration for Microsoft XP or Vista. This mandate is a significant milestone in the history of information technology security that will help protect every desktop in the government. The OMB mandate was based directly on the configuration guidelines that NSA, in partnership with the Defense Information Systems Agency, National Institute of Standards and Technology, and Microsoft, developed as part of its support to the USAF.

As part of the overall Information Assurance mission that includes detecting, reporting, and responding to cyber threats, the Vulnerability Analysis group within NSA's Information Assurance Directorate was honored in the private sector with the prestigious SC Magazine Editor's Choice Award. The result of a number a number of large scale initiatives, to include working with the US Air Force and Microsoft to examine and provide security-setting recommendations for Microsoft's new Vista operating system; shaping the development of security standards for vulnerability naming and identification, such as the Open Vulnerability and Assessment Language (OVAL), Common Vulnerabilities and Exposures (CVE) and Common Weakness Enumeration (CWE) standards; promoting the use of vulnerability standards to make system vulnerability identification easier for government agencies; and providing leadership to other service providers in security analysis and testing. The Vulnerability Analysis group has set up tool and data sharing standards, organized and hosted community events, such as the Cyber Defense Exercise and the Red and Blue Symposium, and developed common training and certification programs.

The NSA Commercial Solutions Center (NCSC) High Assurance Network Security (HANS) I development (a.k.a. the SafeNet SafeXcel 3340) is the first-ever successful implementation of a dual-use strategy for cryptographic modules. The HANS I program delivers cost effective, cutting edge technology to our High Assurance Internet Protocol Encryptor (HAIZE) products with government-off-the-shelf algorithms, while allowing the same vendors to offer similar commercial-off-the-shelf Internet Protocol Security, virtual private network products for homeland defense, civil agencies, and critical infrastructure protection. The HANS I also offers the benefit of embedding Type 1 encryption into commercial information technology products such as routers, switches, and firewalls, as well as increasing the security of commercial products through the sharing of high assurance design techniques.

Culminating an unprecedented eight months of exercise planning and coordination, The United States Military Academy (USMA) beat the competition to win the NSA 2007 Information Assurance Directorate Cyber Defense Exercise (CDX). CDX 2007 tested and evaluated the information assurance knowledge of Cadets and Midshipmen enrolled in Computer Science programs at the armed forces service academies. The US Air Force Academy attempted to win the trophy for a third straight year, but fell short in their quest to "3-peat," as the USMA won for the first time since 2002. Because previous CDXs generated interest beyond the military service academies, this year the Air Force Institute of Technology (AFIT) asked to participate in a "non-scoring" capacity. AFIT split their Computer Science Department into two teams and competed against each other for bragging rights within the Department. Several high-level DoD and military officials visiting the exercise expressed interest in having the Naval Post-Graduate School participate in future CDXs and provide competition for AFIT.

Major Planned Activities

For national security reasons, the majority of the products and services that The National Security Agency (NSA) engages in throughout the year are classified. To get additional and detailed descriptions of the major planned activities for NSA, please refer to the FY 2009 Congressional Justification Book for Information Systems Security Program and Other Department of Defense Information Assurance.

The Mission and Network Systems program will provide guidance and support for Certification, Test, and Evaluation (CT&E) efforts, as well as ehlp with risk assessments and

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other information systems security engineering needs relating to Cross Domain Solutions (CDS). Provide for sustammnt of the Rist Decision Authority Criteria (RDAC), as well as CDS risk assessments for the Cross Domain Technical Advisory Board (CDTAB) and Defense Information Systems Network (DISN) Security Accreditation Working Group. Continue development, deployment, and sustainment of CASTER to support CT&E's, Cross Domain Appendices, and Risk Decision Authority Criteria risk assessment activities.

The Net-centric Security Technologies program will provide Information Assurance (IA) consulting services and guidance on the implementation of commercial networking products. Provide security assessment reports on commercial products. Investigate, analyze, and report on the IA technology trends for emerging commercial products/technologies. Develop recommended security standards and implementation guidance for commercial products supporting the collapse of coalition information sharing architectures. Identify and develop solutions using existing technology and support testing and deploymtn of those solutions in support of the Intelligence Community, the Department of Defense, and the Department of Homeland Security.

NSA's Public Key Infrastructure (PKI) program will continue the development of Robust Certificate Validation Services (RCVS) nodes to include protocols such as Server Certificate Validation Protocol (SCVP). Continue to develop an interoperability infrastructure to establish trust with external PKI's to include Federal Agencies, the Intelligence Community, and business partners. Continue to develop Second Source Certification Authority, Government developed PKI applets, Biometrics Integration, and distribute PKI root certificates. Continue to develop monitoring capability for Red Hat Certificate Management Systems and develop second phase monitoring system capabilities.

The Cryptographic Modernization Program Management Office will continue to support and oversee the entire Cryptographic Modernization (CM) Program, which includes the creation and modification of CM and Joint Staff policies and design guidance as well as ensure that the individual NSA and Service CM program offices follow CM design specifications. Continue to support the Global Information Grid (GIG) IA development.

The Commercial Solutions and Releasable Products program will design and develop foreign releasable cryptographic products that provide interoperability between the U.S. and allies. Continue to support the development of associated technologies that support foreign release, including protective techniques, electronic key distribution, embedded features, and public key exchanges.

The Edge Systems Solution Engineering program will complete High Assurance Platform (HAP) Release 2 reference implementation pilot with integrated single level data sharing and centralized management at Special Operation Command and Pacific Command under leader/follower contracts using commercial trusted computing technologies and standards. Continue work with industry to lead and influence trusted computing technology and solutions through participation in the Trusted Computing Group. Continue to enhance Secure Mobile Environment Portable Electronic Device. New capabilities could include new Radio Frequency modules, satellite communications, and HAP technology.

The Advanced Computing Research program will continue to promote ideation in the creation of new chop multiprocessors technologies that will benefit the missions of NSA in cryptology, digital signal processing, filtering and selection, intrusion detection, knowledge discovery, voice recognition, natural language machine translation, and event simulation. Continue to grow the reputation and capabilities of the interim Center for Exceptional Computing.

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The National Information Assurance Partnership (NIAP) will continue to maintain the NIAP Validated Products list. The NIAP Validated Products list is updated and maintained on an unclassified website by the NIAP office and is used by the entire U.S. Government community as a single U.S. government source for NIAP Common Criteria evaluated IA products. Per CNSS Acquisition policy #11 (commonly referred to as NSTISSP 11), National Security Community customers must purchase IA products that have been Common Criteria evaluated so this list is critical to Federal Government Acquisition agents to verify IA products that can be purchased for implementation on critical National Security Community networks.

Global Information Grid (GIG) / Net-Centricity

NSA's FY2009 IA Program provides for critical IA operations and development of IA capabilities to support the Global Information Grid (GIG) and Net-centric operations in the following areas: Assured Information Sharing; Highly Available Enterprise; Confidentiality; Defend the GIG; Assured Mission Management; and Foundational.

Assured Information Sharing (AIS) provides the ability to dynamically and securely share information at multiple classification levels. Enables the exchange of information within and between security domains and Communities of Interest (COIs). Also enables the timely, automated, and flexible creation and management of COIs. Programs enabling Assured Information Sharing include: Cross Domain Solutions; Security Enabled Applications and Operating Systems; Controlled Sharing and Mobility Research; and High Assurance Platform.

Highly Available Enterprise assures GIG computing and communications resources, services, and information are available and accessible to support net-centric operations. Allocation and prioritization of resources must be based on mission needs and situational awareness. FY2009 funding in this area is focused on the development of High Availability Networking components.

Confidentiality ensures information is not made available/disclosed to unauthorized individuals, entities, devices, or processes. Confidentiality within the GIG shall include data at rest, data in transit, and data in processing. Programs enabling Confidentiality include: High Assurance Internet Protocol Encryptor; Cryptographic Engines, Modules and Tokens; Network Encryption Products; Secure Wired/Wireless; Protective Technologies; and Media Encryptors (data at rest).

Defend the GIG monitors, analyzes, detects, and responds to unauthorized activity, as well as unintentional, non-malicious user errors within the DoD information systems and networks. Efforts include Mission and Technical Vulnerability and Systems and Network Analysis Center.

Assured Mission Management provides security management capabilities and infrastructures to support enterprise security functions. In addition, it ensures that attack responses and system configuration updates do not adversely affect prioritized mission operations. It also enables assured management and control of GIG communications and computer resources, services and information. Also provides Net-Centric provisioning for IA components across the Enterprise. Efforts encompass Electronic Key Management System and Key Management Infrastructure Operations and Sustainment.

Foundational Activities include initiatives that transcend all Capability Areas. Activities include: IA Education and Training; IA Solutions Support Infrastructure, Policy/Doctrine, Information Systems Security Engineering; Communications and Web Solutions; and managing the GIG IA Portfolio.

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

	----- Dollars in Thousands -----			
NATIONAL SECURITY AGENCY RESOURCE SUMMARY:	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
	818,482	826,741	972,256	993,060

0016 - PROTECT INFORMATION - COALITION INTEROPERABILITY (IA G1 CI)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 1: PROTECT INFORMATION

MILPERS

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
MIL PER, AF	BA 00 NONE	NONE	323	242	344	346
MIL PER,ARMY	BA 00 NONE	NONE	426	491	319	324
MIL PER,NAVY	BA 00 NONE	NONE	213	242	229	231

Operations

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M,DEF-WIDE	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	416	366	5,609	4,204

Procurement

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
PROC., DEF-WIDE	BA 01 MAJOR EQUIPMENT	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	0	0	10,800	1,000

RDT&E

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E,DEF-WIDE	BA 07 OPER SYS DEV	0303140G INFORMATION SYSTEMS SECURITY PROGRAM	38,433	39,285	29,305	25,462
RDT&E,DEF-WIDE	BA 07 OPER SYS DEV	0305103G CYBER SECURITY INITIATIVE	0	0	18,200	17,900
Sub Total:			38,433	39,285	47,505	43,362

Initiative Resource Summary:	39,811	40,626	64,806	49,467
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Information Technology Budget Exhibit Resource Summary by Initiative (IT-1)

0020 - SITUATIONAL AWARENESS/C2 - COMPUTER NETWORK DEFENSE (IA G3 CND)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 3: IA SITUATIONAL AWARENESS / C2

MILPERS

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	----- Dollars in Thousands -----			
			<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
MIL PER, AF	BA 00 NONE	NONE	624	1,287	1,725	1,750
MIL PER, MC	BA 00 NONE	NONE	103	206	229	231
MIL PER,ARMY	BA 00 NONE	NONE	412	819	690	702
MIL PER,NAVY	BA 00 NONE	NONE	1,443	1,324	1,610	1,635

Operations

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	----- Dollars in Thousands -----			
			<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M,DEF-WIDE	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	55,756	63,100	67,602	73,658

Procurement

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	----- Dollars in Thousands -----			
			<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
PROC., DEF-WIDE	BA 01 MAJOR EQUIPMENT	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	5,168	4,096	1,754	2,161

RDT&E

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	----- Dollars in Thousands -----			
			<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E ,DEF-WIDE	BA 07 OPER SYS DEV	0303140G INFORMATION SYSTEMS SECURITY PROGRAM	38,751	43,620	57,212	51,720
RDT&E ,DEF-WIDE	BA 07 OPER SYS DEV	0305103G CYBER SECURITY INITIATIVE	0	0	4,500	5,600
Sub Total:			38,751	43,620	61,712	57,320

Initiative Resource Summary:

102,257	114,452	135,322	137,457
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Information Technology Budget Exhibit Resource Summary by Initiative (IT-1)

0034 - IA SITUATIONAL AWARENESS/C2 (IA G3)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 3: IA SITUATIONAL AWARENESS / C2

Operations

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M,DEF-WIDE	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	4,728	6,183	4,024	4,278

RDT&E

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E ,DEF-WIDE	BA 07 OPER SYS DEV	0303140G INFORMATION SYSTEMS SECURITY PROGRAM	0	117	517	564

Initiative Resource Summary:	4,728	6,300	4,541	4,842
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0042 - IA GENERAL SUPPORT (IA GS)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA OTHER: GENERAL SUPPORT

MILPERS

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
MIL PER, AF	BA 00 NONE	NONE	938	1,470	1,731	1,734
MIL PER,ARMY	BA 00 NONE	NONE	318	532	699	697
MIL PER,NAVY	BA 00 NONE	NONE	103	103	115	115

Operations

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M,DEF-WIDE	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	54,993	60,294	63,524	64,238

Procurement

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

0042 - IA GENERAL SUPPORT (IA GS) (Continued)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA OTHER: GENERAL SUPPORT

Procurement (Continued)

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
PROC., DEF-WIDE	BA 01 MAJOR EQUIPMENT	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	2,135	0	0	0

RDT&E

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DEF-WIDE	BA 07 OPER SYS DEV	0303140G INFORMATION SYSTEMS SECURITY PROGRAM	8,615	1,214	2,557	3,625

Initiative Resource Summary:	67,102	63,613	68,626	70,409
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1030 - Key Management Infrastructure (KMI)

Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 1: PROTECT INFORMATION

Operations

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M, DEF-WIDE	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	0	0	0	0

RDT&E

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DEF-WIDE	BA 07 OPER SYS DEV	0303136G KEY MANAGEMENT INFRASTRUCTURE (KMI)	38,113	51,759	49,578	41,697

Initiative Resource Summary:	38,113	51,759	49,578	41,697
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Information Technology Budget Exhibit Resource Summary by Initiative (IT-1)

6401 - CREATE IA-EMPOWERED WORKFORCE - TRAINING (IA G5 TNG)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 5: CREATE IA-EMPOWERED WORKFORCE

MILPERS

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	----- Dollars in Thousands -----			
			<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
MIL PER,ARMY	BA 00 NONE	NONE	315	116	299	303
MIL PER,NAVY	BA 00 NONE	NONE	106	116	116	117

Operations

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	----- Dollars in Thousands -----			
			<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M,DEF-WIDE	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	14,149	16,104	18,334	19,539

RDT&E

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	----- Dollars in Thousands -----			
			<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E ,DEF-WIDE	BA 07 OPER SYS DEV	0303140G INFORMATION SYSTEMS SECURITY PROGRAM	109	234	647	705

Initiative Resource Summary:

14,679	16,570	19,396	20,664
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6404 - DEFEND SYSTEMS & NETWORKS - COMPUTER NETWORK DEFENSE (IA G2 CND)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 2: DEFEND SYSTEMS AND NETWORKS

MILPERS

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	----- Dollars in Thousands -----			
			<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
MIL PER, AF	BA 00 NONE	NONE	610	1,245	1,017	1,040
MIL PER,ARMY	BA 00 NONE	NONE	510	830	794	807
MIL PER,NAVY	BA 00 NONE	NONE	811	1,242	1,254	1,268

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

6404 - DEFEND SYSTEMS & NETWORKS - COMPUTER NETWORK DEFENSE (IA G2 CND) (Continued)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 2: DEFEND SYSTEMS AND NETWORKS

Operations

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M,DEF-WIDE	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	12,323	11,348	28,133	29,650

Procurement

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
PROC., DEF-WIDE	BA 01 MAJOR EQUIPMENT	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	309	393	90	89

RDT&E

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E,DEF-WIDE	BA 07 OPER SYS DEV	0303140G INFORMATION SYSTEMS SECURITY PROGRAM	3,416	6,756	8,217	8,597

Initiative Resource Summary:

17,979	21,814	39,505	41,451
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6405 - DEFEND SYSTEMS & NETWORKS (IA G2)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 2: DEFEND SYSTEMS AND NETWORKS

MILPERS

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
MIL PER, AF	BA 00 NONE	NONE	527	549	453	456
MIL PER,ARMY	BA 00 NONE	NONE	325	332	224	225
MIL PER,NAVY	BA 00 NONE	NONE	215	218	229	231

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6405 - DEFEND SYSTEMS & NETWORKS (IA G2) (Continued)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 2: DEFEND SYSTEMS AND NETWORKS

Operations

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M,DEF-WIDE	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	5,747	6,825	9,042	9,351

RDT&E

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E ,DEF-WIDE	BA 07 OPER SYS DEV	0303140G INFORMATION SYSTEMS SECURITY PROGRAM	25,047	46,510	45,961	49,210

Initiative Resource Summary:

31,861	54,434	55,909	59,473
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6407 - PROTECT INFORMATION - CRYPTOGRAPHIC MODERNIZATION (IA G1 CM)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 1: PROTECT INFORMATION

Operations

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M,DEF-WIDE	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	868	670	678	660

Procurement

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
PROC., DEF-WIDE	BA 01 MAJOR EQUIPMENT	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	373	0	0	0

RDT&E

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>

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6407 - PROTECT INFORMATION - CRYPTOGRAPHIC MODERNIZATION (IA G1 CM) (Continued)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 1: PROTECT INFORMATION

RDT&E (Continued)

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	----- Dollars in Thousands -----			
			<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E ,DEF-WIDE	BA 07 OPER SYS DEV	0303140G INFORMATION SYSTEMS SECURITY PROGRAM	59,952	76,501	37,464	33,171
Initiative Resource Summary:			61,193	77,171	38,142	33,831

6408 - PROTECT INFORMATION (IA G1)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 1: PROTECT INFORMATION

MILPERS

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	----- Dollars in Thousands -----			
			<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
MIL PER, AF	BA 00 NONE	NONE	6,989	6,479	6,525	6,588
MIL PER, MC	BA 00 NONE	NONE	309	208	229	234
MIL PER,ARMY	BA 00 NONE	NONE	3,704	2,783	2,855	2,776
MIL PER,NAVY	BA 00 NONE	NONE	1,951	1,338	1,485	1,507

Operations

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	----- Dollars in Thousands -----			
			<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M,DEF-WIDE	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	144,344	136,038	135,119	146,887

Procurement

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	----- Dollars in Thousands -----			
			<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
PROC., DEF-WIDE	BA 01 MAJOR EQUIPMENT	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	3,466	3,532	5,344	15,765

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6408 - PROTECT INFORMATION (IA G1) (Continued)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 1: PROTECT INFORMATION

RDT&E

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E ,DEF-WIDE	BA 07 OPER SYS DEV	0303140G INFORMATION SYSTEMS SECURITY PROGRAM	171,723	117,597	151,380	160,807
RDT&E ,DEF-WIDE	BA 07 OPER SYS DEV	0305103G CYBER SECURITY INITIATIVE	0	0	22,400	12,800
Sub Total:			171,723	117,597	173,780	173,607

Initiative Resource Summary:

332,486	267,975	325,337	347,364
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6413 - TRANSFORM & ENABLE IA CAPABILITIES (IA G4)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 4: TRANSFORM AND
ENABLE IA CAPABILITIES

MILPERS

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
MIL PER, AF	BA 00 NONE	NONE	2,480	2,597	2,517	2,520
MIL PER, MC	BA 00 NONE	NONE	103	105	117	117
MIL PER,ARMY	BA 00 NONE	NONE	1,133	1,150	1,145	1,145
MIL PER,NAVY	BA 00 NONE	NONE	618	731	685	683

Operations

			----- Dollars in Thousands -----			
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M,DEF-WIDE	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	28,710	37,833	46,503	54,580

Procurement

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6413 - TRANSFORM & ENABLE IA CAPABILITIES (IA G4) (Continued)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 4: TRANSFORM AND ENABLE IA CAPABILITIES

Procurement (Continued)

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	Dollars in Thousands			
			<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
PROC., DEF-WIDE	BA 01 MAJOR EQUIPMENT	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	637	69	18,117	32,717

RDT&E

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	Dollars in Thousands			
			<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DEF-WIDE	BA 07 OPER SYS DEV	0303140G INFORMATION SYSTEMS SECURITY PROGRAM	57,374	52,290	60,814	57,866
RDT&E, DEF-WIDE	BA 07 OPER SYS DEV	0305103G CYBER SECURITY INITIATIVE	0	0	16,000	19,300
Sub Total:			57,374	52,290	76,814	77,166

Initiative Resource Summary:

91,055	94,775	145,898	168,928
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6456 - PROTECT INFORMATION - PUBLIC KEY INFRASTRUCTURE (IA G1 PKI)

Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 1: PROTECT INFORMATION

Operations

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	Dollars in Thousands			
			<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M, DEF-WIDE	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	3,032	7,923	9,619	9,223

RDT&E

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	Dollars in Thousands			
			<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DEF-WIDE	BA 07 OPER SYS DEV	0303135G PUBLIC KEY INFRASTRUCTURE (PKI)	14,186	9,329	15,577	8,254

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

6456 - PROTECT INFORMATION - PUBLIC KEY INFRASTRUCTURE (IA G1 PKI) (Continued)

Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 1: PROTECT INFORMATION

RDT&E (Continued)

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	Dollars in Thousands			
			<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
Initiative Resource Summary:			17,218	17,252	25,196	17,477