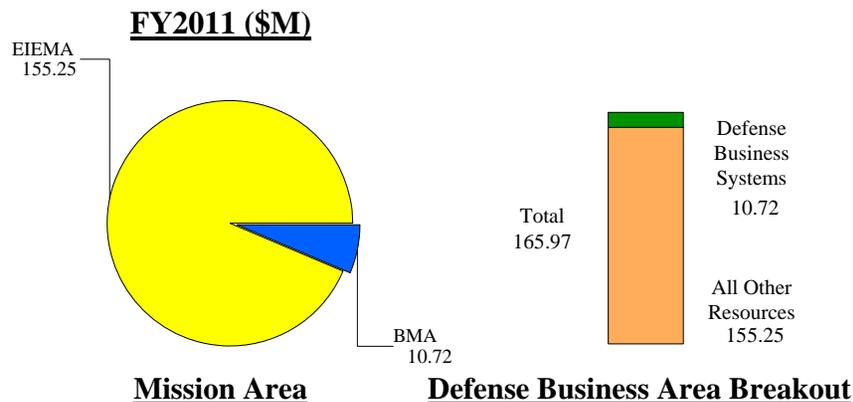


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FY10/11PB Comparison (\$M)

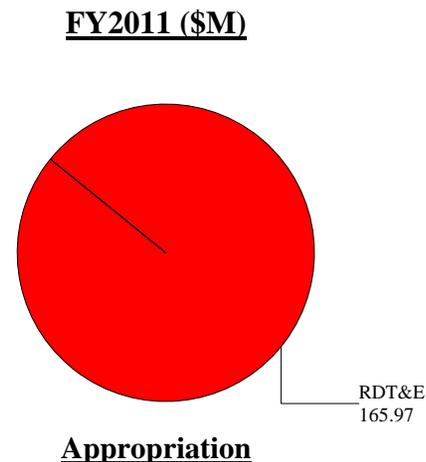
	<u>FY2010</u>	<u>FY2011</u>	<u>Delta</u>
PB FY2010:	\$ 203.64	\$ 163.59	-\$ 40.05
PB FY2011:	\$ 193.90	\$ 165.97	-\$ 27.93
Delta:	\$ -9.74	\$ 2.38	\$ 12.13

Explanation:
 For FY09 and FY10 - Deltas reflect fact of life changes in FY2010 Appropriation Language.
 FY 11 - Reflects Missile Defense Executive Board (MDEB) content adjustment.

FY10 to FY11 Comparison (\$M)

	<u>FY2010</u>	<u>FY2011</u>	<u>Delta</u>
PB FY2011:	\$ 193.90	\$ 165.97	\$ -27.93

Explanation:
 In FY10 MDA is utilizing BRAC dollars for Information Technology build-out and in FY11 no BRAC dollars for Information Technology build-out are being utilized.



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Executive Summary

Information Technology (IT) resources are a vital enabler to achieving the Missile Defense Agency (MDA) Goals of fielding a Ballistic Missile Defense System (BMDS) capability. MDA must ensure that the global communications, computing infrastructure and IT resources are in place to support the mission, test, and administrative environments required for information sharing among the Ballistic Missile Defense (BMD) community of operators, scientists, engineers and managers located across geographically dispersed locations such as Alaska, Japan, England, Israel and Greenland.

To ensure protection of Agency knowledge and research and development assets and capabilities, the MDA Office of the Chief Information Officer (CIO) established Information Technology and Information Management policies and procedures and implemented a robust Information Assurance (IA) Program. Within MDA, interoperability and integration of IA solutions within or supporting BMDS capabilities are achieved through adherence to an architecture that enables the evolution toward network-centric warfare by remaining consistent with the command, control, communications, computers, intelligence, surveillance, and reconnaissance (C4ISR) architecture framework and a layered defenses-in-depth approach. The MDA IA Architecture also recognizes the DoD IA policy framework, the IA Technical Framework (IATF), National Security Telecommunications and Information Systems Security Policy (NSTISSP) No. 11, and guidance from the Committee on National Security Systems (CNSS). The mission of the MDA CIO is to ensure that the administration, acquisition, management and operation of Information Management/Information Technology (IM/IT) assets meet the goals of existing statutes and DoD regulations, in particular the Clinger-Cohen Act, the E-Government Act of 2002, the Federal Information Security Management Act (FISMA), and the Office of Management and Budget (OMB) requirement to align IT investments with the Federal Enterprise Architecture while keeping the missile defense capabilities goals. To this end, the MDA CIO established four IT goals to support the Agency Goals:

- Become a strong mission partner
- Implement and operate the MDA information grid
- Protect and defend MDA information, systems and networks by ensuring their availability, integrity, authentication, confidentiality, and non-repudiation
- Optimize IT management processes to increase efficiency and mission contribution

MDA recently completed an organizational reengineering with the goal of achieving a more effective and efficient organization. IT resources provide critical research, engineering and management tools and capabilities required for the day-to-day functions of the Agency and were critical to the accomplishment of BMDS capabilities and the Director's reengineering goals. A significant investment in IT hardware, software, and services and IA efforts will be required over the next 3 years to accomplish the planning, engineering, implementation, transition and demolition of existing and new IT infrastructure assets and core applications to support the transition of the MDA workforce to Huntsville, Alabama and Fort Belvoir, Virginia based on the Base Realignment and Closure (BRAC) legislation.

Significant Changes

The decrease of \$27.927M from FY10 to FY11 comparison of the FY11 President's Budget is reflective of less Base Realignment and Closure (BRAC) dollars required and planned for the Agency. These changes are reflected specifically in the United States National Region Metropolitan Area Network (US NCR MAN) initiative and US South Metropolitan Area Network (US SOUTH MAN) which reflects the BRAC appropriation investments for IT infrastructure, communications, video conferencing and applications.

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The decrease of \$9.741M from the comparison of the FY10 President's Budget to the FY11 President's Budget reflects a business strategy and fact of life changes in FY2010 Appropriation Language. FY 11 - Reflects Missile Defense Executive Board (MDEB) content adjustment.

Defense Business Systems

In accordance with the Clinger Cohen Act, OMB Circular A130, DoD Directive 5000.15 DoD Records Management Program, the Core Enterprise Applications initiative provides for the implementation of enterprise information applications which are used to collect, analyze, display and share information. To meet these compliance requirements, enterprise applications such as web-based portals for integrated classified and unclassified information sharing, collaboration tools, electronic records management, financial management tools, data warehousing and mining, integrated program scheduling, and suspense and personnel action tracking, are being engineered and implemented across the enterprise.

MDA is one of the six "Wave 1" Agencies scheduled to implement the Defense Agencies Initiative (DAI). Currently the implementation is scheduled for FY 2010. However, there is a relatively high risk that the DAI software will not be ready to deploy. Given concerns about implementations the new implementation is not targeted.

MDA has no major defense business systems that meet the NDAA Section 332 definition. MDA is a user of other DoD sponsored defense business systems and reports the Agency's investment in the following business systems:

- Defense Agency Initiative (DAI)
- Standard Procurement System (SPS)
- MDA Standard Operation and Maintenance Army Research and Development System (SOMARDS)
- Command Information Management System Budget Execution Module (CIMS BE), and
- Program and Internet Data Enhancement (PRIDE)
- Comprehensive Cost and Requirement System (CCaR)

FY10-11 Planned Program:

- Implement the BMDS Integrated Master Schedule and continue upgrades of the BMD Asset Management Tool
- Continue implementation of the Software Asset Management Program
- Continue implementation of DoD mandated business management modernization applications
- Continue implementation of metadata taxonomy to standardize information storage and to facilitate data mining across MDA
- Continue Privacy Act assessments and conduct on-line training

Information Assurance Activities

Information Assurance is a vital program that supports the operational development of the Ballistic Missile Development System (BMDS) as well as the MDA Enterprise. The program has several initiatives including Computer Network Defense (CND), Certification and Accreditation (C&A) activities, and Computer Emergency Response Teams (CERT).

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MDA is incrementally building an end-to-end IA Architecture to layer cyber security into its IT infrastructure. MDA is developing an ambitious IA Architecture as it builds the infrastructure to support the agency mission and to integrate into the Global Information Grid (GIG). MDA is a constituent part of a Computer Network Defense (CND) capability that quickly adapts to near-term changes, continuously evolves to meet long-range threat and technology trends, and unites all missile defense elements under the coordination and direction of a single lead—the United States Strategic Command (USSTRATCOM)—to conduct multi-component and Defense-wide CND operations. The information security framework will be integrated into the agency infrastructure in an effort to connect MDA systems throughout the country and, in the future, around the world.

MDA made significant progress in Information Assurance with the certification and accreditation of 150 mission, test and administrative networks in FY08 and 325 in FY09. Certification and accreditation will continue as systems require validation and review. MDA IA funding represents a focused effort to plan and execute system certifications and IA testing of BMDS Blocks. Continued certification and accreditation efforts are being accomplished while undergoing transition and consolidation to a GIG-Compliant secure corporate infrastructure. MDA implemented an Information Assurance Workforce Improvement Program (IAWIP) to train and certify Information Assurance professionals to comply with DoD Directive 8570.1 "Information Assurance Training, Certification, and Workforce Management," August 15, 2004. MDA maintains a Department goal of 70% trained of the IA workforce.

The Computer Network Defense portion of the MDA IA program includes the network security operations centers and supporting processes to protect and defend information and information systems. This ensures the availability, integrity, authentication, confidentiality and non-repudiation of the information on certified MDA mission, test and administrative systems. MDA CERT is an IA organization consisting operations center at the MDA Integration Operations Center (MDIOC) at Schriever Air Force Base, Colorado, and constituent response teams distributed across geographically separated IT operations (ITOs). The primary support functions of MDA CERT are to provide input and subject-matter expertise for a number of areas, including IA planning, IA Architecture, continuous evaluation of MDA network security. MDA CERT also provides guidance on IA procedures, event escalation and current situational awareness to the MDA enterprise network operations center and IA command structure as well as coordinated reporting to higher echelon commands as required. MDA CERT is the authority in MDA for implementation of JTF-GNO network task orders for IA vulnerability alert (IAVA) compliance, reporting and support.

Major Accomplishments

Major IT accomplishments are detailed in the categories of MDA Transitions and Relocations to Huntsville Alabama; Information Assurance and Defense Business Systems.

MDA Transitions and Relocations to Huntsville, Alabama and Dahlgren Virginia

FY09 Accomplishments:

- Supported IT planning and engineering activities for the MDA relocations to Huntsville, AL and Fort Belvoir for Base Realignment and Closure (BRAC)
- Supported IT planning and engineering activities for Von Braun III Complex.
- Begin build out of Von Braun III Complex
- Continued Vulnerability Assessments in the Huntsville region
- Performed continuous IA control improvements in accordance with established Plan of Action and Milestones
- Monitored networks for user compliance with DoD policies, and reported incidents

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- Maintained IT system configuration control
- Completed the migration of the MDA Portal from the National Capital Region to Huntsville
- Performed preventative maintenance on IT systems
- Tested and implemented software application upgrades
- Developed designs and implementation plans to expand MDA enterprise network capacity to support test data transfers and research collaboration
- Developed disaster recovery implementation plans for unclassified systems at Alexandria, Virginia and Albuquerque, New Mexico

Information Assurance (IA)

FY09 Accomplishments:

- Provided system security planning, engineering and test support to the spiral development of BMDS Blocks
- Provided assistance in development of the BMDS Block IA certification packages
- Sustained certification and accreditation for the IT systems reported to DoD and OMB
- Continued implementation of network situational awareness tools for the Enterprise Network Operations Security Center and the Alternate Network Operations Security Center
- Coordinated the implementation of Vulnerability Assessments across the MDA Enterprise
- Conducted certification evaluations of mission, test and administrative systems and assist in the development of the Plan of Actions and Milestones to correct IA deficiencies
- Continued implementation of the IA Workforce Improvement Program to certify IA professionals in compliance with DoD Manual 8570.1 and achieved the DoD certification goal
- Completed annual IA user training for the MDA workforce
- Provided IA engineering and planning guidance for all MDA IT acquisition programs
- Continued implementation of Public Key Infrastructure-enabled applications

Major Planned Activities

The major IT planned activities in FY 2010 and FY 2011 will be concentrated in the MDA transition to Huntsville, Alabama and Fort Belvoir, Virginia; Information Assurance Activities; Defense Business Systems and Core Enterprise Applications.

FY10-FY11 Planned Activities:

- Support the IT buildout of the IT infrastructure for Phases I and II of the Von Braun III facility in Huntsville, Alabama, implementing lessons-learned from Von Braun II.
- Implement Agency-wide collaboration environment for improved knowledge sharing
- Support the buildout of the IT infrastructure of the Headquarters Command Center in Fort Belvoir, Virginia
- Sustain recurring IT operations and maintenance for all MDA operations in Huntsville
- Sustain hardware and software licenses and maintenance

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- Continue to implement Business Applications to enhance business processes and improve efficiency
- Sustain IT classified and unclassified operations and support of MDA personnel at all MDA locations
- Sustain global classified and unclassified communications to support personnel at all MDA locations
- Sustain collaboration capabilities and support for Video Teleconferencing capabilities and MDA Knowledge On-Line

Information Assurance

FY10-FY11 Planned Activities:

- Continue implementation of the IA Workforce Improvement Program to certify IA professionals in compliance with DoD Manual 8570.1 and achieve the DoD certification goal of 70%
- Complete annual IA user training for the MDA workforce
- Provide IA engineering and planning guidance for all MDA IT acquisition programs
- Continue implementation of Public Key Infrastructure-enabled applications
- Upgrade network equipment to comply with DoD Instruction 8500.2 and DoD Global Information Grid architecture plan

Global Information Grid (GIG) / Net-Centricity

The MDA Enterprise Architecture design is compliant with the Global Information Grid/Net Centricity standards thus improving access to information throughout MDA as well as other DoD components. Efforts include the integration and consolidation of disparate networks and systems supporting the Ballistic Missile Defense System (BMDS) to improve knowledge sharing among the Ballistic Missile Defense (BMD) community of operators, scientists, engineers and managers located across geographically dispersed locations such as Alaska, Japan, England, Israel and Greenland.

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

MISSILE DEFENSE AGENCY RESOURCE SUMMARY:

----- Dollars in Thousands -----		
<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
206,145	193,897	165,970

0021 - SITUATIONAL AWARENESS/C2 - COMPUTER EMERGENCY RESPONSE TEAMS (IA G3 CERT)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - COMPUTER NETWORK DEFENSE

RDT&E

----- Dollars in Thousands -----					
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603890C BMD ENABLING PROGRAMS	3,524	2,047	3,321

Initiative Resource Summary:

3,524	2,047	3,321
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0282 - US National Capital Region MAN (USNCRMAN)

Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING INFRASTRUCTURE

MILCON

----- Dollars in Thousands -----					
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
FY 2005 BRAC - DW	BA 01 FY 2005 BRAC	H&SA-47: MISSILE AND SPACE DEF AGENCIES	6,435	2,463	0

RDT&E

----- Dollars in Thousands -----					
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603882C BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	1,468	0	0
RDT&E, DW	BA 04 ACD&P	0603890C BMD ENABLING PROGRAMS	12,706	9,732	10,608
RDT&E, DW	BA 04 ACD&P	0603892C AEGIS BMD	2,608	0	0
Sub Total:			16,782	9,732	10,608

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

Initiative Resource Summary:

23,217	12,195	10,608
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0291 - MDA General Service WAN (MDANET)

Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - OTHER
COMMUNICATION INFRASTRUCTURE ACTIVITIES

RDT&E

----- Dollars in Thousands -----

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 03 ADVANCED TECHNOLOGY DEV	0603175C BALLISTIC MISSILE DEFENSE TECHNOLOGY	1,956	0	0
RDT&E, DW	BA 04 ACD&P	0603881C BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT	265	0	0
RDT&E, DW	BA 04 ACD&P	0603884C BALLISTIC MISSILE DEFENSE SENSORS	28	28	28
RDT&E, DW	BA 04 ACD&P	0603888C BALLISTIC MISSILE DEFENSE TEST & TARGETS	7	7	19
RDT&E, DW	BA 04 ACD&P	0603890C BMD ENABLING PROGRAMS	12,906	11,362	11,376
RDT&E, DW	BA 04 ACD&P	0603896C BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATIONS (C2BMC)	10,038	10,248	10,469
RDT&E, DW	BA 04 ACD&P	0603913C ISRAELI COOPERATIVE PROGRAMS	0	265	1,083
Sub Total:			25,200	21,910	22,975

Initiative Resource Summary:

25,200	21,910	22,975
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0498 - US South MAN (USSOUTHMAN)

Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING INFRASTRUCTURE

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

0498 - US South MAN (USSOUTHMAN) (Continued)

Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING INFRASTRUCTURE

MILCON

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	-----Dollars in Thousands-----		
			<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
FY 2005 BRAC - DW	BA 01 FY 2005 BRAC	H&SA-47: MISSILE AND SPACE DEF AGENCIES	17,941	22,344	0

RDT&E

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	-----Dollars in Thousands-----		
			<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603881C BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT	218	0	0
RDT&E, DW	BA 04 ACD&P	0603884C BALLISTIC MISSILE DEFENSE SENSORS	0	12,372	0
RDT&E, DW	BA 04 ACD&P	0603888C BALLISTIC MISSILE DEFENSE TEST & TARGETS	4,121	0	0
RDT&E, DW	BA 04 ACD&P	0603890C BMD ENABLING PROGRAMS	14,951	28,999	32,176
RDT&E, DW	BA 04 ACD&P	0603893C SPACE TRACKING & SURVEILLANCE SYSTEM	3,953	0	0
RDT&E, DW	BA 04 ACD&P	0603913C ISRAELI COOPERATIVE PROGRAMS	0	219	221
		Sub Total:	23,243	41,590	32,397

Initiative Resource Summary:

41,184	63,934	32,397
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0508 - MDA VIDEO TELECONFERENCING (MDAVTC)

Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - OTHER COMMUNICATION INFRASTRUCTURE ACTIVITIES

RDT&E

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0508 - MDA VIDEO TELECONFERENCING (MDAVTC) (Continued)

Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - OTHER
COMMUNICATION INFRASTRUCTURE ACTIVITIES

RDT&E (Continued)

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	----- Dollars in Thousands -----		
			<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603882C BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	125	0	0
RDT&E, DW	BA 04 ACD&P	0603884C BALLISTIC MISSILE DEFENSE SENSORS	160	0	0
RDT&E, DW	BA 04 ACD&P	0603890C BMD ENABLING PROGRAMS	8,011	7,614	8,968
Sub Total:			8,296	7,614	8,968
Initiative Resource Summary:			8,296	7,614	8,968

1419 - Public Key Infrastructure - Service and Agency Implementation (PKI-I)

All Other

GIG Category: INFORMATION ASSURANCE ACTIVITIES - CYBER IDENTITY/ACCESS
MANAGEMENT

RDT&E

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	----- Dollars in Thousands -----		
			<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603890C BMD ENABLING PROGRAMS	568	694	743
Initiative Resource Summary:			568	694	743

1686 - Defense Agencies Initiative (DAI)

Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - FINANCIAL MANAGEMENT

RDT&E

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

1686 - Defense Agencies Initiative (DAI) (Continued)

Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - FINANCIAL MANAGEMENT

RDT&E (Continued)

----- Dollars in Thousands -----					
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603882C BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	3,500	1,400	1,400
Initiative Resource Summary:			3,500	1,400	1,400

1794 - STANDARD PROCUREMENT SYSTEM (SPS)

Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - ACQUISITION

RDT&E

----- Dollars in Thousands -----					
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603890C BMD ENABLING PROGRAMS	324	324	329
Initiative Resource Summary:			324	324	329

1928 - MDA SOMARDS Accounting System (MDA SOMARDS)

Non-Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - FINANCIAL MANAGEMENT

RDT&E

----- Dollars in Thousands -----					
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603882C BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	19	20	20

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

Initiative Resource Summary:

19	20	20
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2013 - USA PEO ASMD Technical Analyses (PEOASMDTA)

Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING INFRASTRUCTURE

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603890C BMD ENABLING PROGRAMS	125	0	0

Initiative Resource Summary:

125	0	0
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2019 - ADVANCED RESEARCH CENTER/SIMULATION CENTER (ARC/SC)

Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING INFRASTRUCTURE

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603890C BMD ENABLING PROGRAMS	12,900	13,400	13,900

Initiative Resource Summary:

12,900	13,400	13,900
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2023 - USA SMDC LAN (VB1) (SMDCLANVB1)

Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING INFRASTRUCTURE

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603881C BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT	381	0	0

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

2023 - USA SMDCLAN (VB1) (SMDCLANVB1) (Continued)

Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING
INFRASTRUCTURE

RDT&E (Continued)

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	----- Dollars in Thousands -----		
			<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603882C BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	723	0	0
RDT&E, DW	BA 04 ACD&P	0603888C BALLISTIC MISSILE DEFENSE TEST & TARGETS	896	0	0
RDT&E, DW	BA 04 ACD&P	0603890C BMD ENABLING PROGRAMS	2,700	0	0
Sub Total:			4,700	0	0
Initiative Resource Summary:			4,700	0	0

2032 - COMMAND INFORMATION MANAGEMENT SYSTEM (Budget Execution) (CIM BE)

Non-Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - FINANCIAL MANAGEMENT

RDT&E

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	----- Dollars in Thousands -----		
			<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 06 RDT&E MGMT SUPPORT	0901598C MANAGEMENT HQ - MDA	275	288	256
Initiative Resource Summary:			275	288	256

2745 - US West MAN (USWESTMAN)

All Other

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING
INFRASTRUCTURE

RDT&E

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

2745 - US West MAN (USWESTMAN) (Continued)

All Other

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING INFRASTRUCTURE

RDT&E (Continued)

			-----Dollars in Thousands-----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603890C BMD ENABLING PROGRAMS	396	449	458
Initiative Resource Summary:			396	449	458

3747 - Protect - Cyber Identity/Access Management (Protect Cyber)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - CYBER IDENTITY/ACCESS MANAGEMENT

RDT&E

			-----Dollars in Thousands-----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603904C MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC)	319	452	452
Initiative Resource Summary:			319	452	452

3934 - Protect - Cryptographic Key Management (Crypto Key)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - CRYPTOGRAPHIC KEY MANAGEMENT

RDT&E

			-----Dollars in Thousands-----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603890C BMD ENABLING PROGRAMS	365	606	613

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Initiative Resource Summary: **365** **606** **613**

3937 - Transform - IA Engineering and Deployment (IA Eng Depl)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA ENGINEERING AND DEPLOYMENT

RDT&E

----- Dollars in Thousands -----					
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603882C BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	5,758	0	0
RDT&E, DW	BA 04 ACD&P	0603884C BALLISTIC MISSILE DEFENSE SENSORS	126	0	0
RDT&E, DW	BA 04 ACD&P	0603890C BMD ENABLING PROGRAMS	2,707	5,161	5,234
Sub Total:			8,591	5,161	5,234

Initiative Resource Summary: **8,591** **5,161** **5,234**

3952 - MDA Comprehensive Cost and Requirements (CCaR) System (MDA CCaR)

Non-Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - INFORMATION MANAGEMENT

RDT&E

----- Dollars in Thousands -----					
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603882C BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	308	4,603	5,919

Initiative Resource Summary: **308** **4,603** **5,919**

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

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - WORKFORCE DEVELOPMENT

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

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - WORKFORCE DEVELOPMENT

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603890C BMD ENABLING PROGRAMS	1,368	607	536
RDT&E, DW	BA 04 ACD&P	0603904C MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC)	212	248	248
Sub Total:			1,580	855	784

Initiative Resource Summary:

1,580	855	784
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6404 - DEFEND SYSTEMS & NETWORKS - COMPUTER NETWORK DEFENSE (IA G2 CND)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - COMPUTER NETWORK DEFENSE

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603888C BALLISTIC MISSILE DEFENSE TEST & TARGETS	2,022	0	0
RDT&E, DW	BA 04 ACD&P	0603890C BMD ENABLING PROGRAMS	2,824	2,556	2,615
Sub Total:			4,846	2,556	2,615

Initiative Resource Summary:

4,846	2,556	2,615
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6572 - JOINT NATIONAL INTEGRATION CENTER TECH ACTIVITIES (JNIC TA)

Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING INFRASTRUCTURE

RDT&E

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

6572 - JOINT NATIONAL INTEGRATION CENTER TECH ACTIVITIES (JNIC TA) (Continued)

Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING INFRASTRUCTURE

RDT&E (Continued)

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603904C MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC)	2,633	750	750
Initiative Resource Summary:			2,633	750	750

6600 - PROGRAM RESOURCE INTERNET DATABASE ENVIRONMENT (PRIDE MDA)

Non-Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - INFORMATION MANAGEMENT

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603890C BMD ENABLING PROGRAMS	985	942	995
Initiative Resource Summary:			985	942	995

6601 - Core Enterprise Services (MDAAPPS)

Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING INFRASTRUCTURE

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603890C BMD ENABLING PROGRAMS	12,285	10,701	11,313

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

Initiative Resource Summary:

12,285	10,701	11,313
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6913 - ENTERPRISE PLANS, POLICIES AND ANALYSES (ENTPLANSPOL)

Non-Major

GIG Category: RELATED TECHNICAL ACTIVITIES - TECHNICAL ACTIVITIES

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603890C BMD ENABLING PROGRAMS	5,192	6,362	5,931

Initiative Resource Summary:

5,192	6,362	5,931
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6914 - US Central LAN (USCENTRALLAN)

Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING INFRASTRUCTURE

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603904C MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC)	14,584	16,153	16,213

Initiative Resource Summary:

14,584	16,153	16,213
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6916 - MDA Knowledge On-Line (MDAKNOWLEDGE)

Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - OTHER COMMUNICATION INFRASTRUCTURE ACTIVITIES

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603890C BMD ENABLING PROGRAMS	12,053	13,324	12,847

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6916 - MDA Knowledge On-Line (MDAKNOWLEDGE) (Continued)

Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - OTHER
COMMUNICATION INFRASTRUCTURE ACTIVITIES

Initiative Resource Summary:	12,053	13,324	12,847
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6917 - ENTERPRISE IM/IT ARCHITECTURE AND ENGINEERING (ENTARCHENG)

Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING
INFRASTRUCTURE

RDT&E

----- Dollars in Thousands -----					
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603882C BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	1,835	0	0
RDT&E, DW	BA 04 ACD&P	0603884C BALLISTIC MISSILE DEFENSE SENSORS	125	0	0
RDT&E, DW	BA 04 ACD&P	0603890C BMD ENABLING PROGRAMS	10,003	4,393	4,106
RDT&E, DW	BA 04 ACD&P	0603894C MULTIPLE KILL VEHICLE	153	0	0
RDT&E, DW	BA 04 ACD&P	0603908C BMD EUROPEAN INTERCEPTOR SITE	1,825	0	0
		Sub Total:	13,941	4,393	4,106

Initiative Resource Summary:	13,941	4,393	4,106
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6920 - DATA CENTER (MDDC)

Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING
INFRASTRUCTURE

RDT&E

----- Dollars in Thousands -----					
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>

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

6920 - DATA CENTER (MDDC) (Continued)

Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING
INFRASTRUCTURE

RDT&E (Continued)

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	----- Dollars in Thousands -----		
			<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603888C BALLISTIC MISSILE DEFENSE TEST & TARGETS	1,163	965	1,022
Initiative Resource Summary:			1,163	965	1,022

6998 - SECURITY MANAGEMENT (SECURITYMGMT)

Non-Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - SECURITY ACTIVITIES (NON IA)

RDT&E

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	----- Dollars in Thousands -----		
			<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 04 ACD&P	0603883C BALLISTIC MISSILE DEFENSE BOOST DEFENSE SEGMENT	204	217	0
RDT&E, DW	BA 04 ACD&P	0603890C BMD ENABLING PROGRAMS	0	0	218
RDT&E, DW	BA 04 ACD&P	0603904C MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC)	2,868	1,582	1,583
Sub Total:			3,072	1,799	1,801
Initiative Resource Summary:			3,072	1,799	1,801