Department of Defense
Fiscal Year (FY) 2013 IT President's Budget Request
Missile Defense Agency Overview

Mission Area	**Business System Breakout**	**Appropriation**

BMA
5.268

EIEMA
139.300

FY 2013 ($M)

Total 144.568

Defense Business Systems 5.268

All Other Resources 139.300

FY 2013 ($M)

RDT&E
144.568

FY 2013 ($M)

FY12 to FY13 Comparision ($M)	FY2012	FY2013	Delta
PB FY2013:	157.333	144.568	-12.765

Explanation:
The decrease in the horizontal change from FY 2012 to FY 2013 reflects internal realignments to meet the MDA mission requirements and priorities.

FY12/FY13PB Comparision ($M)	FY2012	FY2013	Delta
PB FY2012:	166.901	165.195	-1.706
PB FY2013:	157.333	144.568	-12.765
Delta:	-9.568	-20.627	

Explanation:
The decrease in the vertical changes from President's Budgets for FY 2012 to FY 2013 reflects internal realignments to meet MDA mission requirements and priorities.

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Executive Summary

Information Technology (IT) resources are a vital enabler to achieving the Missile Defense Agency (MDA) mission to develop and deploy a layered Ballistic Missile Defense to defend the United States, its deployed forces, allies and friends from ballistic missile attacks of all ranges and in all phases of flight. 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, Romania, Poland, Turkey and Greenland.

The MDA Director has defined the FY 2012 MDA Goals to include:
• Prove the power of missile defense through successful testing
• Enable fielding of European Phased Adaptive Approach Phase 1
• Provide a professionally rewarding work environment for a highly skilled and diverse workforce
• Enhance leadership and management skills
• Efficient use of taxpayer's investment in missile defense
• Provide DoD enterprise solutions to the Services and Combatant Commanders
• Complete BMDS and element Phased Adaptive Approach Phase 3 / 4 Systems Engineering Trades to maximize effectiveness and minimize cost
• Implement National Security Strategy through international cooperation in Missile Defense
• Centralize on the creativity and innovation of the Nation's universities and small business community to enhance missile defense Science and Technology

To ensure protection of vital Ballistic Missile Defense assets, and research and development knowledge, the MDA Office of the Chief Information Officer (CIO) established policies and procedures for Information Technology Management and Information Assurance (IA) Programs. Interoperability and integration of IT and IA solutions 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 defense-in-depth approach. The MDA IA Architecture 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.

For FY 2012 the MDA CIO established seven IT priorities to support the Agency Goals:

• Empower mobile users with lighter, smarter devices and applications
• Broaden operational excellence supporting world-wide RDT&E
• Deliver even stronger cyber security for BMDS and MDA
• Streamline hardware/software IT commodity delivery for customers
• Transform our data and computing centers for cloud services

• Expand network and storage capacities for speed to the user
• Boost users productivity with intelligent systems and targeted training

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.

Significant Changes

FY 2013: The decrease between FY 2012 and FY 2013 eliminates planned IT recapitalization efforts in FY 2013.

Business Defense Systems

In accordance with the Clinger Cohen Act, OMB Circular A130, DoD Directive 5000.15 DoD Records Management Program, the Portal and Data Services 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.

In FY 2011 MDA transitioned to the Defense Agency Initiative (DAI) enterprise resource planning environment to achieve accurate, timely and reliable financial information for reporting and to allow more effective and efficient decision-making throughout MDA.
MDA has no major defense business systems that meet the NDAA Section 332 definition. MDA uses the following DoD sponsored defense business systems and legacy support systems:

• Defense Agency Initiative (DAI)
• Standard Procurement System (SPS)
• MDA Standard Operation and Maintenance Army Research and Development System (SOMARDS)
• Program and Internet Data Enhancement (PRIDE)
• Comprehensive Cost and Requirement System (CCaR)

Information Assurance Activities

Information Assurance (IA) is a vital program that supports the operational development of the Ballistic Missile Development System (BMDS) as well as the MDA General Service systems. The program has several initiatives including Computer Network Defense (CND), Certification and Accreditation (C&A) activities, and Computer Emergency Response Teams (CERT). MDA continues to build an end-to-end IA Architecture to layer cyber security into its IT infrastructure. MDA is continuing to enhance 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 mulit-tiered 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 mission, test and administrative networks. 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. 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 is current at 100% for IA certifications and 100% for computing environment certifications against a required 100% by 31 December 2011. MDA maintains a Department goal of 100% employed trained on IA awareness.

The Computer Network Defense portion of the MDA IA program includes the security operations center 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 located at the MDA Integration Operations Center (MDIOC) at Schriever Air Force Base, Colorado, and works with CND professionals geographically distributed to key support locations in order to analyze and respond to evolving global cyber threats. 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 United States Cyber Command network task orders for IA vulnerability alert (IAVA) compliance, reporting and support.

Major Accomplisments

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

FY11 Accomplishments:

• Supported IT planning, engineering, and implementation activities for the final MDA relocations to Huntsville, AL and Fort Belvoir for Base Realignment and Closure (BRAC)
• Supported IT planning, engineering, and implementation activities for Von Braun III Complex in Huntsville, AL
• Finalized build out, move in, and support of Von Braun III Complex
• Continued Vulnerability Assessments in the Huntsville region
• Monitored networks for user compliance with DoD policies, and reported incidents
• Maintained IT system configuration control
• 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
• Implemented a Disaster Recovery Continuity of Operations (DR/COOP) Recovery Time Objective (RTO) of four hours for email and portal and data services

Information Assurance (IA) FY 2011 Accomplishments:

• Provided system security planning, engineering and test support to the development of the BMDS
• Provided assistance in development of the BMDS system level certification packages
• Sustained certification and accreditation for the IT systems reported to DoD and OMB
• Continued implementation of automated network management and cyber security tools for efficient service delivery and improved cyber threat awareness
• Conducted 75 certification validation testing (CVTs) of mission, test and administrative systems and assisted in the development of the Plan of Actions and Milestones to correct IA deficiencies
• Completed the 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

Major Planned Activities

The major MDA IT planned activities in FY 2012 and FY 2013 will be concentrated in IT services delivery and support, information assurance support, IT infrastructure recapitalization, and Defense business system migration efforts.

FY 2012-FY 2013 Planned Activities:

• Implement a more advanced applications interface for mobile devices
• Plan, engineer and buildout IT for the Von Braun IV facility in Huntsville and the P609 Building in Dahlgren, Virginia
• Operate and maintain the classified and unclassified IT infrastructure for all MDA locations
• Field a unified communications collaboration capability that integrates voice, video and documents into a single environment
• Sustain hardware, software and maintenance licenses while focusing on consolidating procurements
• Continue to implement web-based applications to enhance MDA business processes and improve efficiency
• Sustain global classified and unclassified communications to support personnel at all MDA locations
• Operate and maintain general purpose conference rooms and auditoriums Video Teleconferencing (VTC) capabilities in order to minimze travel costs

Information Assurance

FY 2012-FY 2013 Planned Activities:

• Actively monitor MDA test and administrative IT systems via the MDA Computer Emergency Response Center (CERT)
• Continue to test and certify all MDA systems in accordance with DoD Information Assurance policy and instructions
• Provide IA engineering and planning guidance for all MDA IT acquisition programs
• Continue implementation of classified Public Key Infrastructure (PKI)
• Upgrade network equipment to comply with DoD Instruction 8500.2 and DoD Global Information Grid architecture plan

• Continue the IA Workforce Improvement Program to maintain certification of IA professionals in compliance with DoD Manual 8570.1
• Complete annual IA user training for the MDA workforce

IT Enterprise Strategy & Roadmap (ITESR) Implementation Activities

Consolidate Security Infrastructure (NS1)

MDA employs a multi-tiered architecture framework consisting of 116 controls to defend distributed information systems. This architectural framework optimizes boundary protection schema and minimizes infrastructure investment.

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

MDA has implemented multiple Defense Systems Architecture Working Group (DSAWG) approved cross-domain solutions as required to comply with DoD and BMDS mission requirements.

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

For the environment, MDA complies with DoD architecture framework standards and we participate in DoD shared applications and comply with metadata standards for data sharing. For networks, MDA General Services reside on the Defense Research and Engineering Network (DREN) and complies with the applicable Global Information Grid (GIG) standards of the DREN.

Data Center and Server Consolidation (CS1)

MDA consolidated several facility-unique data centers into two regional Data Centers reducing environmental and labor costs by 40%.

Enterprise Messaging and Collaboration (including email) (ADS1)

MDA consolidated into a single enterprise messaging system as part of the Data Center and server consolidation initiatives.
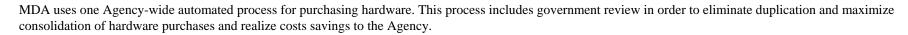
Identity and Access Management (idAM) Services (ADS2)

MDA fully fielded Public Key Enabling / Public Key Infrastructure and Common Access Card (PKI/PKE/CAC) for unclassified systems and is prototyping the classified capability in concert with DoD for FY 2012.

Consolidate Software Purchasing (BP1)

Beginning in 2005, MDA implemented a 3-year Microsoft Enterprise Agreement using the DoD Enterprise Software Initiative (ESI) to consolidate server and desktop licenses and software assurance which resulted in cost savings of over $2 million dollars. A follow-on 3-year Agreement was competitively awarded through ESI vendors and put in place in 2008 and the current 3-year agreements was awarded in June 2011. MDA uses one Agency-wide automated process for purchasing software. This process includes government review in order to eliminate duplication and maximize consolidation of software purchases and realize costs savings to the Agency.

Consolidate Hardware Purchasing (BP2)

MDA uses one Agency-wide automated process for purchasing hardware. This process includes government review in order to eliminate duplication and maximize consolidation of hardware purchases and realize costs savings to the Agency.

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

	---------- Dollars in Thousands ----------		
	FY2011	*FY2012*	*FY2013*
RESOURCE SUMMARY:	175,470	157,333	144,568

0291 - MDA Communications (MDACOMS)   Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - OTHER COMMUNICAT
RDT&E

			---------- Dollars in Thousands ----------		
Appropriation	*Budget Activity*	*Program Element*	*FY2011*	*FY2012*	*FY2013*
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603890C BMD ENABLING PROGRAMS	9,764	9,389	9,375
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603896C BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATIONS (C2BMC)	10,399	10,627	10,861
		Sub Total:	20,163	20,016	20,236
		Investment Resource Summary:	20,163	20,016	20,236

0498 - MDA End User Support (MDAENDUSER)   Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING INFRAST
MILCON

			---------- Dollars in Thousands ----------		
Appropriation	*Budget Activity*	*Budget Line Item*	*FY2011*	*FY2012*	*FY2013*
MIL CON	BA 01 FY 2005 BRAC	H&SA-47: MISSILE AND SPACE DEF AGENCIES	2,393	0	0

RDT&E

			---------- Dollars in Thousands ----------		
Appropriation	*Budget Activity*	*Program Element*	*FY2011*	*FY2012*	*FY2013*
RDT&E	BA 03 ADVANCED TECHNOLOGY DEVELOPMENT (ATD)	0603175C BALLISTIC MISSILE DEFENSE TECHNOLOGY	9	2	0
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		83	44	0
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603175C BALLISTIC MISSILE DEFENSE TECHNOLOGY	2	0	0
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603881C BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT	23	6	0
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603882C BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	15,083	44	0

Department of Defense
Fiscal Year (FY) 2013 IT President's Budget Request
Missile Defense Agency Overview

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

RDT&E

			---------- Dollars in Thousands ----------		
Appropriation	*Budget Activity*	*Program Element*	*FY2011*	*FY2012*	*FY2013*
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603884C BALLISTIC MISSILE DEFENSE SENSORS	33	3	0
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603888C BALLISTIC MISSILE DEFENSE TEST & TARGETS	161	15	0
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603890C BMD ENABLING PROGRAMS	51,923	52,468	53,538
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603892C AEGIS BMD	15,092	0	0
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603896C BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATIONS (C2BMC)	286	0	0
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603898C BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT	108	0	0
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603904C MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC)	6	0	0
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603913C ISRAELI COOPERATIVE PROGRAMS	3	0	0
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0604880C LAND-BASED SM-3 (LBSM3)	3	0	0
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0604884C AIRBORNE INFRARED (ABIR)	2	0	0
RDT&E	BA 06 RDT&E MANAGEMENT SUPPORT	0901598C MANAGEMENT HQ - MDA	1	2,530	0
		Sub Total:	82,818	55,112	53,538
		Investment Resource Summary:	85,211	55,112	53,538

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

0508 - MDA Unified Comms - Video Teleconferencing (MDAVTC)   Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - OTHER COMMUNICAT
RDT&E   ---------- Dollars in Thousands ----------

Appropriation	Budget Activity	Program Element	FY2011	FY2012	FY2013
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603890C BMD ENABLING PROGRAMS	5,604	6,034	6,990
		Investment Resource Summary:	5,604	6,034	6,990

1686 - Defense Agencies Initiative (DAI)   Non-Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - FINANCIAL MANAGEMENT
RDT&E   ---------- Dollars in Thousands ----------

Appropriation	Budget Activity	Program Element	FY2011	FY2012	FY2013
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603882C BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	1,400	1,400	1,400
		Investment Resource Summary:	1,400	1,400	1,400

1794 - STANDARD PROCUREMENT SYSTEM (SPS)   Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - ACQUISITION
RDT&E   ---------- Dollars in Thousands ----------

Appropriation	Budget Activity	Program Element	FY2011	FY2012	FY2013
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603890C BMD ENABLING PROGRAMS	357	371	378
		Investment Resource Summary:	357	371	378

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

1928 - MDA SOMARDS Accounting System (MDA SOMARDS) — Non-Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - FINANCIAL MANAGEMENT

RDT&E

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

Appropriation	*Budget Activity*	*Program Element*	*FY2011*	*FY2012*	*FY2013*
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603882C BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	20	20	20
		Investment Resource Summary:	20	20	20

2019 - ADVANCED RESEARCH CENTER/SIMULATION CENTER (ARC/SC) — Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING INFRAST

RDT&E

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

Appropriation	*Budget Activity*	*Program Element*	*FY2011*	*FY2012*	*FY2013*
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603890C BMD ENABLING PROGRAMS	13,900	14,500	15,100
		Investment Resource Summary:	13,900	14,500	15,100

2032 - Information Management Program Activity Control Tool (IMPACT) — Non-Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - FINANCIAL MANAGEMENT

RDT&E

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

Appropriation	*Budget Activity*	*Program Element*	*FY2011*	*FY2012*	*FY2013*
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603882C BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	401	416	345
		Investment Resource Summary:	401	416	345

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

4086 - Missile Defense Agency Decision Support System (MDA DSS)   Non-Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - INFORMATION MANAGEMENT

RDT&E

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

Appropriation	Budget Activity	Program Element	FY2011	FY2012	FY2013
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603890C BMD ENABLING PROGRAMS	425	0	0
		Investment Resource Summary:	425	0	0

6572 - MDIOC Technical Activities (MDIOCTECH)   Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING INFRAST

RDT&E

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

Appropriation	Budget Activity	Program Element	FY2011	FY2012	FY2013
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603904C MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC)	2,825	3,918	2,764
		Investment Resource Summary:	2,825	3,918	2,764

6600 - MDA PROGRAM RESOURCE INTERNET DATABASE ENVIRONMENT (MDA PRIDE)   Non-Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - INFORMATION MANAGEMENT

RDT&E

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

Appropriation	Budget Activity	Program Element	FY2011	FY2012	FY2013
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603890C BMD ENABLING PROGRAMS	1,361	630	995
		Investment Resource Summary:	1,361	630	995

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

6601 - MDA Business Automation (MDABUSAUTO)   Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING INFRASTI
RDT&E

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

Appropriation	Budget Activity	Program Element	FY2011	FY2012	FY2013
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603882C BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	561	631	506
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603890C BMD ENABLING PROGRAMS	5,702	6,550	6,587
		Sub Total:	6,263	7,181	7,093
		Investment Resource Summary:	6,263	7,181	7,093

6913 - MDA IT Planning and Solutions (ENTPLANSSOL)   Non-Major

GIG Category: RELATED TECHNICAL ACTIVITIES - TECHNICAL ACTIVITIES
RDT&E

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

Appropriation	Budget Activity	Program Element	FY2011	FY2012	FY2013
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603890C BMD ENABLING PROGRAMS	6,828	12,510	8,713
		Investment Resource Summary:	6,828	12,510	8,713

6914 - US Central LAN (USCENTRALLAN)   Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING INFRASTI
RDT&E

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

Appropriation	Budget Activity	Program Element	FY2011	FY2012	FY2013
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603904C MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC)	14,472	20,075	14,162
		Investment Resource Summary:	14,472	20,075	14,162

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

6916 - MDA Portal and Data Services (MDAPORTALDATASV)   Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - OTHER COMMUNICAT
RDT&E

			----------- Dollars in Thousands -----------		
Appropriation	*Budget Activity*	*Program Element*	*FY2011*	*FY2012*	*FY2013*
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603890C BMD ENABLING PROGRAMS	6,795	8,323	6,163
		Investment Resource Summary:	6,795	8,323	6,163

6917 - MDA Network and Infrastructure Services (MDANETINFRSVC)   Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING INFRAST
RDT&E

			----------- Dollars in Thousands -----------		
Appropriation	*Budget Activity*	*Program Element*	*FY2011*	*FY2012*	*FY2013*
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603890C BMD ENABLING PROGRAMS	519	2,790	2,798
		Investment Resource Summary:	519	2,790	2,798

6920 - MDDC Data Center (MDDC)   Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING INFRAST
RDT&E

			----------- Dollars in Thousands -----------		
Appropriation	*Budget Activity*	*Program Element*	*FY2011*	*FY2012*	*FY2013*
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603888C BALLISTIC MISSILE DEFENSE TEST & TARGETS	3,834	0	0
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603914C BALLISTIC MISSILE DEFENSE TEST	0	1,644	1,743
		Sub Total:	3,834	1,644	1,743
		Investment Resource Summary:	3,834	1,644	1,743

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

6998 - SECURITY MANAGEMENT (SECURITYMGMT)   Non-Major

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

RDT&E   ----------- Dollars in Thousands -----------

Appropriation	Budget Activity	Program Element	FY2011	FY2012	FY2013
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603904C MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC)	644	893	630
		Investment Resource Summary:	644	893	630

8142 - COMPREHENSIVE COST AND REQUIREMENT SYSTEM - Legacy (CCARS Legacy)   Non-Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - ACQUISITION

RDT&E   ----------- Dollars in Thousands -----------

Appropriation	Budget Activity	Program Element	FY2011	FY2012	FY2013
RDT&E	BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	0603882C BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	4,448	1,500	1,500
		Investment Resource Summary:	4,448	1,500	1,500