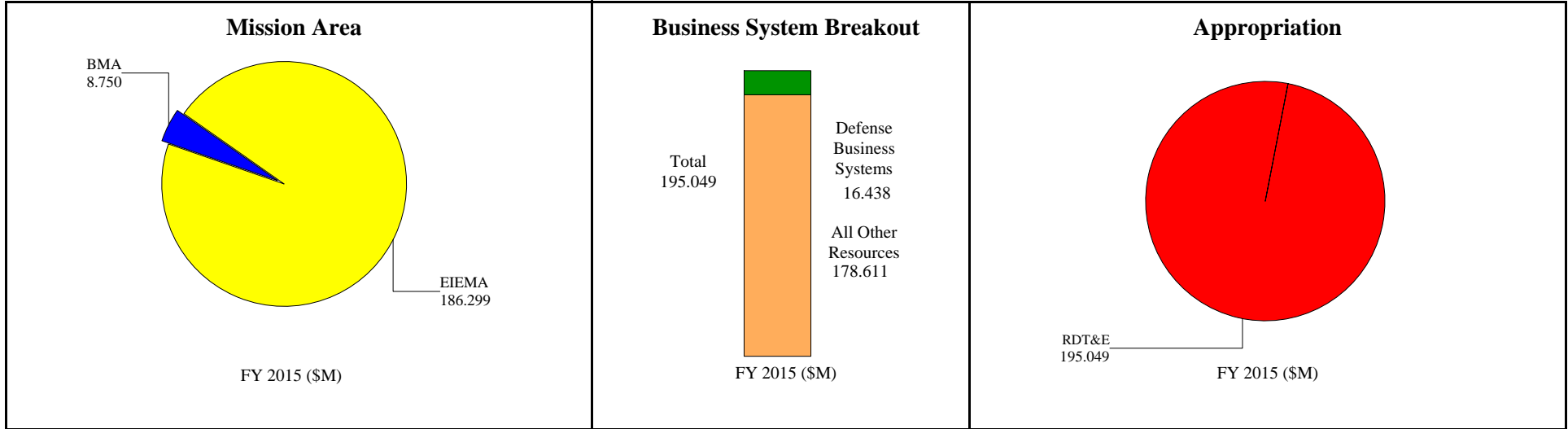


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| FY14 to FY15 Comparison (\$M)                                     |         |           |                   |         | FY14PB/FY15PB Comparison (\$M)                  |         |         |  |
|---|---------|-----------|-------------------|---------|---|---------|---------|--|
|   | FY2014  | Inflation | Program<br>Change | FY2015  | FY2014  | FY2015  | Delta   |  |
| <b>PB FY2015:</b>   | 176.283 | 2.997     | 15.769            | 195.049 | 160.613   | 164.119 | 3.506   |  |
| See Significant Changes section for explanation of Program Change |         |           |                   |         | <b>PB FY2014:</b>                               | 176.283 | 195.049 |  |
|   |         |           |                   |         | <b>Delta:</b>                                   | 15.670  | 30.930  |  |
|   |         |           |                   |         | See Significant Changes section for explanation |         |         |  |
| Inflation includes a 1.7% growth factor                           |         |           |                   |         |   |         |         |  |

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**Executive Summary**

The Missile Defense Agency (MDA) is responsible for developing and fielding an integrated Ballistic Missile Defense System (BMDS) weapon system, integrating land, sea, air and space based assets to defend the United States, Allies and Deployed Forces from ballistic missile attack.

The MDA Director has defined the FY 2014 MDA Goals to include:

- Support the warfighter
- Prove the power of missile defense through testing
- Continue development and fielding of the integrated BMDS for Homeland and Regional Defense
- Team approach to Agency operations
- Optimize available resources
- Inspire professional excellence
- Foster a supportive environment for a diverse and professional workforce
- Implement National Security Strategy through international cooperation
- Capitalize on the creativity and innovation of the Nation's universities and small business community

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. 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 world-wide locations.

Interoperability and integration of IT and Cybersecurity 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.

To ensure protection of vital Ballistic Missile Defense research and development knowledge and assets, the MDA Office of the Chief Information Officer (CIO) established policies and procedures for Information Technology Management and Cyber Operations Programs.

The MDA CIO established the following FY14 IT priorities to support the Agency Goals:

- Deliver even stronger cybersecurity for BMDS and MDA

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- Maintain operational excellence supporting world-wide RDT&E
- Streamline hardware/software commodity IT for Customers
- Transform our data and computing centers for cloud services
- Provide efficient network & storage capacities for speed to the user
- Empower mobile users with smarter devices and applications
- Boost users productivity with collaboration capabilities 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 are critical to the accomplishment of BMDS capabilities.

**Significant Changes** (Explanations of Change by Appropriation Group. Dollars are in thousands unless otherwise noted.)

**RDT&E**

**Horizontal Change** (Delta 15,769)

The increase of \$18.766 million from FY 2014 to FY 2015 consists of new communications requirements at global locations to support MDA's mission; IT costs for a new facility in Fort Belvoir; FY15 MDA Data Center IT hardware/software recapitalization; and an increase in IT operations and sustainment requirements to support the MDA enterprise.

**Vertical Change** (Delta 30,930)

The FY14 increase of \$15.670 million consists of costs associated with MDA Data Center transient systems and Isolated Local Area Networks that were not captured and reported in prior submissions.

The increase in FY15 consists of new communications requirements at global locations to support MDA's mission; IT costs for a new facility in Fort Belvoir; the MDA Data Center costs identified in FY14 that will continue across the FYDP; and an increase in IT operations and sustainment requirements to support the MDA enterprise.

**Defense Business 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.

MDA uses several DoD-wide systems to accomplish its mission on a daily basis. These systems include the following major business systems:

- Defense Agency Initiative (DAI)

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- Standard Procurement System (SPS)
- Defense Travel System (DTS)
- Defense Enrollment Eligibility Reporting System, Real-Time Automated Personnel Identification System, and Common Access Card (DEERS/RAPIDS/CAC)

MDA also reported resources in the following non-major business systems:

- Program and Internet Data Enhancement (PRIDE)
- Comprehensive Cost and Requirement System (CCaR)
- Project Management Resource Tools (PMRT) (follow-on to CCaR)
- Human Resource Tracking System / Personnel Tracking System (HRTS/PTS)
- Electronic Learning Management System (E-LMS)

DoD Components were tasked through DoD AT&L memorandum dated 21 October 2011 to replace the legacy contract writing Standard Procurement System (SPS) by FY2017. MDA is coordinating with OSD on SPS replacement options and will begin to transition to a new system beginning in FY15.

In accordance with the FY2012 National Defense Authorization Act, MDA coordinates with the OSD Defense Business Systems Management Committee (DBSMC) yearly to obtain approval to obligate funds for defense business systems.

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**Information Assurance Activities**

The MDA Cyber Operations Program 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 multi-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- United States Cyber Command 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 around the world.

Certification and accreditation will continue as systems require validation and review. MDA Cyber Operations funding represents a focused effort to plan and execute system certifications and information assurance testing of BMDS. Continued certification and accreditation efforts are being accomplished while undergoing transition and consolidation to a GIG-Compliant secure corporate infrastructure. MDA has consistently achieved a 99.5% completion rate for annual user IA training, is 100% compliant with the Federal Information Security Management Act (FISMA), and DoD Directive 8570.1 "Information Assurance Training, Certification, and Workforce Management," August 15, 2004.

The Computer Network Defense portion of the MDA Cyber Operations 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 active monitoring, Tier II risk analysis, event escalation and 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 Accomplishments**

Major IT accomplishments are detailed in the categories of MDA IT support to the Agency at world-wide locations, Information Assurance and Defense Business Systems.

FY13 Accomplishments:

- Sustained the BMDS Integrated Master Schedule and the Ballistic Missile Defense (BMD) Asset Management Tool
- Completed Phase I Agency-wide implementation of Voice over Internet Protocol (VOIP)
- Implemented a robust hardware/software asset management program
- Supported IT planning, design and engineering for Von Braun IV Complex in Huntsville, AL
- Supported IT planning, design and engineering for Building 247 at Fort Belvoir, VA
- Established communication circuits at world-wide locations
- Monitored networks for user compliance with DoD policies, and reported incidents

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- Maintained IT system configuration control
- Performed preventative maintenance on IT systems
- Tested and implemented software application upgrades

Information Assurance (IA) FY 2013 Accomplishments:

- Provided system security planning, engineering and test support to the development of the BMDS
- The MDA CERT assessed over 500 million computer events, addressed over 685 incidents and completed 40 computer forensics investigations
- Achieved an “Excellent” rating during the DISA-conducted Command Cyber Readiness Inspection (CCRI) in Huntsville, AL
- Developed system level certification packages for the BMDS
- Continued Vulnerability Assessments for all MDA networks in all locations
- 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 60 certification validation testing (CVTs) of mission, test and administrative systems and provided Plan of Actions and Milestones to correct IA deficiencies
- Implemented 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 2015 will be concentrated in IT services delivery and support, cybersecurity, and Defense business system migration efforts.

FY 2015 Planned Activities: address mission first, then CIO activities

- Sustain global classified and unclassified communications to support personnel at all MDA locations
- Activate communications globally to include Romania and Poland
- Operate and maintain general purpose conference rooms and auditoriums Video Teleconferencing (VTC) capabilities in order to minimize travel costs
- Build out IT for Building 247 at Fort Belvoir, Virginia
- Complete full implementation of Voice-over-Internet Protocol (VOIP) in all MDA
- Operate and maintain the classified and unclassified IT infrastructure for all MDA enterprise locations
- Sustain hardware, software and maintenance licenses while focusing on consolidating procurements
- Implement streamlined approach to hardware, software and commodity IT procurements for MDA users
- Provide efficient network and storage capacities for speed to the user
- Transform our data and computing centers for cloud services
- Begin the implementation and transition to follow-on of the Standard Procurement System
- Continue to implement web-based applications to enhance MDA business processes and improve efficiency

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Information Assurance

FY 2015 Planned Activities:

- Transition from DoD Information Assurance Certification and Accreditation Program (DIACAP) to Risk Management Framework (RMF) to comply with NIST 800-53A Deliver stronger Cyber Security for the BMDS and MDA
- 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
- Manage data-at-rest encryption to ensure compliance with DoD Global Information Grid mandated policies
- Implement network equipment upgrades to comply with DoD Instruction 8500.2 and DoD Global Information Grid architecture plan
- Provide IA engineering and planning guidance for all MDA IT acquisition programs
- Continue implementation of classified Public Key Infrastructure (PKI) SIRNET Tokens
- 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)**

In FY2014, MDA began implementation of the DOD Information Enterprise Architecture to include compliance with Internet Protocol (IP)-based enterprise Unified Capabilities requirements documented in DOD CIO memorandum dated 11 July 2013, titled Department of Defense Joint Information Environment: Unified Capabilities Implementation Plan.

MDA adheres to the DoD Unified Capabilities Operational Framework and has tied together multiple mission areas into a singular, integrated framework. This facilitates Joint Information Environment (JIE) efficiencies without sacrificing the ability to meet special purpose information technology requirements for the development and test enclaves necessary for timely BMDS development and fielding. MDA data centers are registered in the Characterization and Dependency Analysis Tool (CADAT), as Special Purpose Processing Nodes. MDA's Special Purpose Processing Nodes support unique requirements (e.g. ROT & E enclaves residing on the OREN) that have varying levels of security, access requirements, development requirements and controls IA W DISA Enclave STIG Zones A through D. MDA follows the JIE standards to the maximum extent possible



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to facilitate information sharing. MDA's capabilities-based acquisition model demands collaboration services across multiple government and contractor sites that are interconnected via the OREN infrastructure and the DISN. This network infrastructure is highly integrated, supporting a wide range of scientific research, missile defense development, and business operations. It supports the day-to-day collaboration required to bring the BMDS from concept to reality. The following diagram depicts the MDA Unified Capabilities (UC) Operational Framework and the interconnectivity with DoD service providers.

MDA must meet the National Command Authority (NCA) directives for rapid deployment of the BMDS while conforming to the key principles of the JIE and UC Framework across the multiple zoned environments maintained within the Agency. The goal is to implement end-to-end UC at a pace consistent with mission requirements and available resources. MDA coordinates with Defense Information Systems Agency (DISA) on UC implementation schedules to ensure synchronization across the DoD GIG. MDA has completed several efforts over the last decade which resulted in significant progress toward an integrated DoD UC Operational Framework.

**Data Center and Server Consolidation (CS1)**

MDA has three Special Purpose Processing Node (SPPN) centers located on military installations to meet physical security (access controls) along with redundant power and HVAC commodity requirements.

- MDIOC SPPN center is located on Schriever Air Force Base, Colorado
- Trotti SPPN center is located on Redstone Arsenal, Alabama
- VBIII SPPN center is located on Redstone Arsenal, Alabama

The MDA data center configurations are both DoD Architecture Framework and Global Information Grid compliant and provide processing, storage, and transport of information, human interaction, systems and network management, information dissemination management, and information assurance functions. MDA is using the SPPN data centers to the maximum extent possible, providing all other computing needs within the organization to achieve economy of scale,

MDA actively implements the DoD Federal Data Center Consolidation Initiative goals to:

- Promote the use of Green IT by reducing the overall energy and real estate footprint of government data centers
- Reduce the cost of data center hardware, software and operations
- Increase the overall IT security posture of the government; and
- Shift IT investments to more efficient computing platforms and technologies

MDA's historical responses to FDCCI Progress Reports and FY2012 NDAA Efficiencies have also reflected our compliance with:

- Data center implementation of Commodity IT Procurements to DODI 5200.44 ensuring Trusted Vendor Supply Chain and agency bulk purchases;
- Data center Roles Based Administration (RBA) Crew concept implement Privileged Access Management controls and a robust Release, Control, Validation Management (RCVM) change process;
- Agency wide implementation of DODI 8520.02 and X.509 Public Key Infrastructure (PKI) on our unclassified and classified networks with limited exception for some DOD Contractor and University accesses;
- Agency wide implementation of Voice over Internet Protocol (VOIP);

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- Agency wide implementation of Records Management;
- Data centers implementation of Security Technical Implementation Guidance (STIG) requirements; and
- Data center implementation of Federal Information Security Management Act (FISMA) for a robust Boundary Protection implementation of our unclassified and classified networks with CND including MDA Computer Emergency Response Team (CERT) and Controls Validation Test (CVT) inspections.

MDA has integrated the end user's ability to access Voice, Video, and Data services. Our MDA Microsoft Enterprise Level Agreement for the Admin/GENSER provides us with Email (Exchange); Collaboration Voice, Video, and Data (Lync); and Data Services (Word, PowerPoint, Excel, and SharePoint).

MDA CIO's Internal Controls monitor MDA SPPN Data Center networks and systems availability, service availability, service request fulfillments, break/fix incident resolutions, physical vs virtual server status, rack power status, MDA CERT and BMDS C&A status, MDA CVT inspections, service desk response times and customer satisfaction, VOIP status, and end-user training metrics.

MDA has transitioned legacy services and applications to run in virtualized environments; thereby reducing the number of physical servers that are needed.

MDA reduced our data center count from twelve major and six minor data centers to three MDA SPPN data centers. Thus, MDA has executed an 83% reduction in data centers, from 18 to 3 data centers. The Characterization and dependency Analysis Tool (CADAT) data reflects the data center reduction from 8 to 3, reflecting a 62.5% reduction. Therefore, MDA has supported DoD's data center reduction target of 60% by FY18.

MDA data center server inventories are also maintained in the CADAT. Our current application hosted servers' virtualization metrics total 72.5%, thereby supporting DoD's goal to exceed 80% server virtualization by FY18.

MDA's progress over the last two years in meeting all DoD CIO direction and guidance implementations and efficiencies has been hampered by financial realities. MDA always diligently strives to comply with DoD guidelines within stipulated timelines.

**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)**

To comply with DOD Instruction 8520.02 and X.509 Public Key Infrastructure (PKI) MDA will continue to transition to classified SIPRNET Token access and complete the remaining 10% migration of unclassified user community to Defense Manpower Data Center (DMDC) PKI identification. This migration is planned to complete by FY2016.

**Consolidate Software Purchasing (BP1)**

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In FY 2014 MDA will recompet a follow-on 3 year Microsoft Enterprise License Agreement using the DoD Enterprise Software Initiative (ESI) to consolidate server and desktop licenses and software assurance. MDA has realized over \$2M in software license cost avoidance by using a multi-year ELA.

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 cost savings to the Agency. MDA is aggressively consolidating servers through virtualization migration efforts achieving a 52% success rate which will result in some server license cost savings.

**Consolidate Hardware Purchasing (BP2)**

MDA IT Enterprise procures only Energy Star certified / EPEAT-registered products. Today, more than 95% of energy consuming IT assets are Energy Star certified or Electronic Product Environmental Assessment Tool (EPEAT) registered to comply with Executive Order 13423. Additionally, MDA participated in the Environmental Protection Agency's Federal Electronics Challenge (which ended in August 2013 and was replaced with the Federal Green Challenge). Using the EPEAT standards, MDA purchased in 2013 only Gold and Silver rated (Gold exceeds standard by 75% and Silver by 50%) desktop and laptop computers, monitors, servers, printers, and copiers.

While MDA made a decision to implement Energy Star and/or EPEAT products, the inability to monitor internal facility power consumption by room has limited our power saving metric submission. However, we have published guidelines for energy conservation to have employees turn off monitors when leaving for the day. We are currently revising/updating the MDA Directive 8400.01, Sustainable Electronics Management Program. This directive establishes the Missile Defense Agency's (MDA) sustainable electronics management policies and procedures in order to reduce energy consumption and associated greenhouse gas emissions, divert landfill waste, reduce waste toxicity and toxin disposal, save money through reduced energy consumption, and increase electronics' life expectancy.

MDA has also consolidated tools in both its classified and unclassified environments. In the classified environment, MDA implemented a Zero Client (Virtual Desktop) Initiative – supporting Executive Order 13589 – Promoting Efficient Spending, Section 4, "... not paying for unused or underutilized information technology (IT) equipment, installed software, or services." by using concurrent utilization counts instead of individual user client licenses to reduce software licensing costs as well as improve the agency's overall security posture.

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

|                          | ----- Dollars in Thousands ----- |               |               |
|--------------------------|----------------------------------|---------------|---------------|
| <b>RESOURCE SUMMARY:</b> | <i>FY2013</i>                    | <i>FY2014</i> | <i>FY2015</i> |
|                          | \$207,773                        | \$176,283     | \$195,049     |

**007-00000291 - MDA Communications (MDACOMS)**

Non-Major

DoD Segment: DoD IT Infrastructure

**RDT&E**

|                      |   |  | ----- Dollars in Thousands ----- |               |               |
|----------------------|---|--|----------------------------------|---------------|---------------|
| <i>Appropriation</i> | <i>Budget Activity</i>                            | <i>Program Element</i>   | <i>FY2013</i>                    | <i>FY2014</i> | <i>FY2015</i> |
| RDT&E, DW            | BA 03 ADVANCED TECHNOLOGY DEVELOPMENT             | 0603177C DISCRIMINATION SENSOR TECHNOLOGY  | 0                                | 12            | 24            |
| RDT&E, DW            | BA 03 ADVANCED TECHNOLOGY DEVELOPMENT (ATD)       | 0603178C WEAPONS TECHNOLOGY  | 0                                | 3             | 3             |
| RDT&E, DW            | BA 03 ADVANCED TECHNOLOGY DEVELOPMENT (ATD)       | 0603901C DIRECTED ENERGY RESEARCH  | 3                                | 0             | 0             |
| RDT&E, DW            | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603881C BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT  | 93                               | 124           | 126           |
| RDT&E, DW            | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603882C BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT   | 994                              | 410           | 417           |
| RDT&E, DW            | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603884C BALLISTIC MISSILE DEFENSE SENSORS   | 221                              | 221           | 0             |
| RDT&E, DW            | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603890C BMD ENABLING PROGRAMS   | 7,553                            | 6,530         | 7,517         |
| RDT&E, DW            | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603892C AEGIS BMD   | 418                              | 697           | 725           |
| RDT&E, DW            | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603893C SPACE TRACKING & SURVEILLANCE SYSTEM  | 477                              | 0             | 271           |
| RDT&E, DW            | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603896C BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATIONS (C2BMC) | 10,302                           | 11,133        | 10,608        |
| RDT&E, DW            | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603898C BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT  | 33                               | 0             | 0             |
| RDT&E, DW            | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603913C ISRAELI COOPERATIVE PROGRAMS  | 48                               | 100           | 103           |
| RDT&E, DW            | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603914C BALLISTIC MISSILE DEFENSE TEST  | 594                              | 241           | 607           |
| RDT&E, DW            | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603915C BALLISTIC MISSILE DEFENSE TARGETS   | 70                               | 71            | 73            |

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

**RDT&E**

| <i>Appropriation</i> | <i>Budget Activity</i>                               | <i>Program Element</i>              | ----- Dollars in Thousands ----- |               |               |
|----------------------|--|-------------------------------------|----------------------------------|---------------|---------------|
|                      |  |                                     | <i>FY2013</i>                    | <i>FY2014</i> | <i>FY2015</i> |
| RDT&E, DW            | BA 04 ADVANCED COMPONENT<br>DEVELOPMENT & PROTOTYPES | 0604880C LAND-BASED SM-3 (LBSM3)    | 882                              | 1,375         | 3,840         |
|                      |  | <b>Sub Total:</b>                   | 21,685                           | 20,902        | 24,287        |
|                      |  | <b>Investment Resource Summary:</b> | 21,688                           | 20,917        | 24,314        |

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

**007-00000498 - MDA End User Support (MDAENDUSER)**

Non-Major

DoD Segment: DoD IT Infrastructure

**RDT&E**

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

| <i>Appropriation</i>                | <i>Budget Activity</i>                            | <i>Program Element</i>   | <i>FY2013</i> | <i>FY2014</i> | <i>FY2015</i> |
|-------------------------------------|---|--|---------------|---------------|---------------|
| RDT&E, DW                           | BA 03 ADVANCED TECHNOLOGY DEVELOPMENT             | 0603177C DISCRIMINATION SENSOR TECHNOLOGY  | 0             | 429           | 527           |
| RDT&E, DW                           | BA 03 ADVANCED TECHNOLOGY DEVELOPMENT (ATD)       | 0603178C WEAPONS TECHNOLOGY  | 0             | 343           | 350           |
| RDT&E, DW                           | BA 03 ADVANCED TECHNOLOGY DEVELOPMENT (ATD)       | 0603901C DIRECTED ENERGY RESEARCH  | 527           | 0             | 0             |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603177C DISCRIMINATION SENSOR TECHNOLOGY  | 0             | 369           | 370           |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603881C BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT  | 13,426        | 236           | 4,890         |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603882C BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT   | 76            | 286           | 290           |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603890C BMD ENABLING PROGRAMS   | 29,922        | 33,395        | 36,872        |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603892C AEGIS BMD   | 362           | 649           | 675           |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603896C BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATIONS (C2BMC) | 53            | 0             | 50            |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603898C BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT  | 49            | 0             | 5             |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603907C SEA BASED X-BAND RADAR (SBX)  | 342           | 0             | 0             |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603913C ISRAELI COOPERATIVE PROGRAMS  | 27            | 35            | 52            |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603914C BALLISTIC MISSILE DEFENSE TEST  | 3,492         | 417           | 3,476         |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603915C BALLISTIC MISSILE DEFENSE TARGETS   | 55            | 56            | 57            |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0604886C ADVANCED REMOTE SENSOR TECHNOLOGY (ARST)  | 1             | 0             | 0             |
| <b>Sub Total:</b>                   |   |  | 47,805        | 35,443        | 46,737        |
| <b>Investment Resource Summary:</b> |   |  | 48,332        | 36,215        | 47,614        |

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

**007-00000508 - MDA Unified Comms - Video Teleconferencing (MDAVTC)**

Non-Major

DoD Segment: DoD IT Infrastructure

**RDT&E**

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

| <i>Appropriation</i> | <i>Budget Activity</i>                            | <i>Program Element</i>         | <i>FY2013</i> | <i>FY2014</i> | <i>FY2015</i> |
|----------------------|---|--------------------------------|---------------|---------------|---------------|
| RDT&E, DW            | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603890C BMD ENABLING PROGRAMS | 6,723         | 6,576         | 7,325         |

**Investment Resource Summary:**

|       |       |       |
|-------|-------|-------|
| 6,723 | 6,576 | 7,325 |
|-------|-------|-------|

**007-00000595 - DEFENSE INFORMATION SYSTEM NETWORK (DISN)**

Major

DoD Segment: DoD IT Infrastructure

**RDT&E**

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

| <i>Appropriation</i> | <i>Budget Activity</i>                            | <i>Program Element</i>   | <i>FY2013</i> | <i>FY2014</i> | <i>FY2015</i> |
|----------------------|---|--|---------------|---------------|---------------|
| RDT&E, DW            | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603896C BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATIONS (C2BMC) | 0             | 0             | 909           |

**Investment Resource Summary:**

|   |   |     |
|---|---|-----|
| 0 | 0 | 909 |
|---|---|-----|



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

**007-000001686 - Defense Agencies Initiative Increment 1 (DAI Inc 1)**

Major

DoD Segment: Financial Management

**RDT&E**

| <i>Appropriation</i>                | <i>Budget Activity</i>                            | <i>Program Element</i>   | ----- Dollars in Thousands ----- |               |               |
|-------------------------------------|---|--|----------------------------------|---------------|---------------|
|                                     |   |  | <i>FY2013</i>                    | <i>FY2014</i> | <i>FY2015</i> |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603175C BALLISTIC MISSILE DEFENSE TECHNOLOGY  | 3                                | 0             | 0             |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603882C BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT   | 1,298                            | 2,200         | 0             |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603890C BMD ENABLING PROGRAMS   | 156                              | 0             | 0             |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603896C BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATIONS (C2BMC) | 863                              | 0             | 0             |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603914C BALLISTIC MISSILE DEFENSE TEST  | 0                                | 0             | 2,113         |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0604881C AEGIS SM-3 BLOCK IIA CO-DEVELOPMENT   | 1,863                            | 0             | 0             |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0901598C MANAGEMENT HQ - MDA   | 60                               | 0             | 0             |
| <b>Sub Total:</b>                   |   |  | 4,243                            | 2,200         | 2,113         |
| <b>Investment Resource Summary:</b> |   |  | 4,243                            | 2,200         | 2,113         |

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

**007-000001794 - STANDARD PROCUREMENT SYSTEM (SPS)**

Major

DoD Segment: Acquisition

**RDT&E**

| <i>Appropriation</i>                | <i>Budget Activity</i>                            | <i>Program Element</i>                                       | ----- Dollars in Thousands ----- |               |               |
|-------------------------------------|---|--|----------------------------------|---------------|---------------|
|                                     |   |  | <i>FY2013</i>                    | <i>FY2014</i> | <i>FY2015</i> |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603881C BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT  | 0                                | 0             | 700           |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603882C BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT | 0                                | 1,273         | 0             |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603890C BMD ENABLING PROGRAMS                               | 380                              | 422           | 429           |
| <b>Sub Total:</b>                   |   |  | 380                              | 1,695         | 1,129         |
| <b>Investment Resource Summary:</b> |   |  | 380                              | 1,695         | 1,129         |

**007-000002019 - ADVANCED RESEARCH CENTER/SIMULATION CENTER (ARC/SC)**

Non-Major

DoD Segment: DoD IT Infrastructure

**RDT&E**

| <i>Appropriation</i>                | <i>Budget Activity</i>                            | <i>Program Element</i>                  | ----- Dollars in Thousands ----- |               |               |
|-------------------------------------|---|---|----------------------------------|---------------|---------------|
|                                     |   |   | <i>FY2013</i>                    | <i>FY2014</i> | <i>FY2015</i> |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603914C BALLISTIC MISSILE DEFENSE TEST | 11,400                           | 14,000        | 12,041        |
| <b>Investment Resource Summary:</b> |   |   | 11,400                           | 14,000        | 12,041        |

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

**007-000002032 - CIMS/ Information Management Program Activity Control Tool (CIMS/IMPACT)**

Non-Major

DoD Segment: Financial Management

**RDT&E**

| <i>Appropriation</i>                | <i>Budget Activity</i>                            | <i>Program Element</i>   | ----- Dollars in Thousands ----- |               |               |
|-------------------------------------|---|--|----------------------------------|---------------|---------------|
|                                     |   |  | <i>FY2013</i>                    | <i>FY2014</i> | <i>FY2015</i> |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603882C BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT   | 0                                | 351           | 0             |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603896C BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATIONS (C2BMC) | 245                              | 0             | 0             |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603914C BALLISTIC MISSILE DEFENSE TEST  | 0                                | 0             | 163           |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0604881C AEGIS SM-3 BLOCK IIA CO-DEVELOPMENT   | 88                               | 0             | 0             |
| <b>Sub Total:</b>                   |   |  | 333                              | 351           | 163           |
| <b>Investment Resource Summary:</b> |   |  | 333                              | 351           | 163           |

**007-000003910 - Project Management Resource Tools (PMRT)**

Non-Major

DoD Segment: Acquisition

**RDT&E**

| <i>Appropriation</i>                | <i>Budget Activity</i>                            | <i>Program Element</i>                    | ----- Dollars in Thousands ----- |               |               |
|-------------------------------------|---|---|----------------------------------|---------------|---------------|
|                                     |   |   | <i>FY2013</i>                    | <i>FY2014</i> | <i>FY2015</i> |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603177C DISCRIMINATION SENSOR TECHNOLOGY | 0                                | 0             | 391           |
| <b>Investment Resource Summary:</b> |   |   | 0                                | 0             | 391           |

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

**007-000003952 - MDA Comprehensive Cost and Requirements (CCaR) System (MDA CCaR)**

Non-Major

DoD Segment: Financial Management

**RDT&E**

| <i>Appropriation</i>                | <i>Budget Activity</i>                            | <i>Program Element</i>   | ----- Dollars in Thousands ----- |               |               |
|-------------------------------------|---|--|----------------------------------|---------------|---------------|
|                                     |   |  | <i>FY2013</i>                    | <i>FY2014</i> | <i>FY2015</i> |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603175C BALLISTIC MISSILE DEFENSE TECHNOLOGY  | 0                                | 984           | 0             |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603177C DISCRIMINATION SENSOR TECHNOLOGY  | 0                                | 0             | 1,200         |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603893C SPACE TRACKING & SURVEILLANCE SYSTEM  | 603                              | 0             | 0             |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603896C BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATIONS (C2BMC) | 63                               | 0             | 0             |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0604881C AEGIS SM-3 BLOCK IIA CO-DEVELOPMENT   | 42                               | 0             | 0             |
| <b>Sub Total:</b>                   |   |  | 708                              | 984           | 1,200         |
| <b>Investment Resource Summary:</b> |   |  | 708                              | 984           | 1,200         |

**007-000004035 - DEFENSE ENROLLMENT ELIGIBILITY REPORTING SYSTEM, REAL-TIME AUTOMATED PERSONNEL IDENTIFICATION SYSTEM, AND COMMON ACCESS CARD (DEERS,RAPIDS,CAC)**

Major

DoD Segment: Human Resource Management

**RDT&E**

| <i>Appropriation</i>                | <i>Budget Activity</i>                            | <i>Program Element</i>         | ----- Dollars in Thousands ----- |               |               |
|-------------------------------------|---|--------------------------------|----------------------------------|---------------|---------------|
|                                     |   |                                | <i>FY2013</i>                    | <i>FY2014</i> | <i>FY2015</i> |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603890C BMD ENABLING PROGRAMS | 29                               | 26            | 23            |
| <b>Investment Resource Summary:</b> |   |                                | 29                               | 26            | 23            |

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

**007-000005061 - DEFENSE ENTERPRISE COMPUTING CENTERS (DECC)**

Major

DoD Segment: DoD IT Infrastructure

**RDT&E**

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

| <i>Appropriation</i> | <i>Budget Activity</i>                            | <i>Program Element</i>   | <i>FY2013</i> | <i>FY2014</i> | <i>FY2015</i> |
|----------------------|---|--|---------------|---------------|---------------|
| RDT&E, DW            | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603896C BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATIONS (C2BMC) | 6,871         | 6,619         | 6,779         |

|                                     |       |       |       |
|-------------------------------------|-------|-------|-------|
| <b>Investment Resource Summary:</b> | 6,871 | 6,619 | 6,779 |
|-------------------------------------|-------|-------|-------|

**007-000005567 - BALLISTIC MISSILE DEFENSE SYSTEMS ASSET MANAGEMENT/BALLISTIC MISSILE DEFENSE INTEGRATED MASTER SCHEDULE (BAM/BIMS)**

Non-Major

DoD Segment: DoD IT Infrastructure

**RDT&E**

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

| <i>Appropriation</i> | <i>Budget Activity</i>                            | <i>Program Element</i>                                      | <i>FY2013</i> | <i>FY2014</i> | <i>FY2015</i> |
|----------------------|---|---|---------------|---------------|---------------|
| RDT&E, DW            | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603898C BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT | 373           | 692           | 763           |

|                                     |     |     |     |
|-------------------------------------|-----|-----|-----|
| <b>Investment Resource Summary:</b> | 373 | 692 | 763 |
|-------------------------------------|-----|-----|-----|

**007-000005854 - Human Resources Tracking System / Personnel Tracking System (HRTS/PTS)**

Non-Major

DoD Segment: Human Resource Management

**RDT&E**

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

| <i>Appropriation</i> | <i>Budget Activity</i>                            | <i>Program Element</i>         | <i>FY2013</i> | <i>FY2014</i> | <i>FY2015</i> |
|----------------------|---|--------------------------------|---------------|---------------|---------------|
| RDT&E, DW            | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603890C BMD ENABLING PROGRAMS | 1,319         | 717           | 729           |

|                                     |       |     |     |
|-------------------------------------|-------|-----|-----|
| <b>Investment Resource Summary:</b> | 1,319 | 717 | 729 |
|-------------------------------------|-------|-----|-----|

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

**007-000005856 - Electronic Learning Management System (E-LMS)**

Non-Major

DoD Segment: Human Resource Management

**RDT&E**

| <i>Appropriation</i>                | <i>Budget Activity</i>                            | <i>Program Element</i>   | ----- Dollars in Thousands ----- |               |               |
|-------------------------------------|---|--|----------------------------------|---------------|---------------|
|                                     |   |  | <i>FY2013</i>                    | <i>FY2014</i> | <i>FY2015</i> |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603882C BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT   | 140                              | 0             | 0             |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603884C BALLISTIC MISSILE DEFENSE SENSORS   | 0                                | 561           | 585           |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603896C BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATIONS (C2BMC) | 65                               | 0             | 0             |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603914C BALLISTIC MISSILE DEFENSE TEST  | 0                                | 367           | 350           |
| <b>Sub Total:</b>                   |   |  | 205                              | 928           | 935           |
| <b>Investment Resource Summary:</b> |   |  | 205                              | 928           | 935           |

**007-000006312 - DEFENSE TRAVEL SYSTEM (DTS)**

Major

DoD Segment: Human Resource Management

**RDT&E**

| <i>Appropriation</i>                | <i>Budget Activity</i>                            | <i>Program Element</i>                        | ----- Dollars in Thousands ----- |               |               |
|-------------------------------------|---|---|----------------------------------|---------------|---------------|
|                                     |   |   | <i>FY2013</i>                    | <i>FY2014</i> | <i>FY2015</i> |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603175C BALLISTIC MISSILE DEFENSE TECHNOLOGY | 0                                | 14            | 0             |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603177C DISCRIMINATION SENSOR TECHNOLOGY     | 0                                | 0             | 15            |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603907C SEA BASED X-BAND RADAR (SBX)         | 14                               | 0             | 0             |
| <b>Sub Total:</b>                   |   |   | 14                               | 14            | 15            |
| <b>Investment Resource Summary:</b> |   |   | 14                               | 14            | 15            |

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

**007-000006572 - MDIOC Technical Activities (MDIOCTECH)**

Non-Major

DoD Segment: DoD IT Infrastructure

**RDT&E**

| <i>Appropriation</i>                | <i>Budget Activity</i>                            | <i>Program Element</i>   | ----- Dollars in Thousands ----- |               |               |
|-------------------------------------|---|--|----------------------------------|---------------|---------------|
|                                     |   |  | <i>FY2013</i>                    | <i>FY2014</i> | <i>FY2015</i> |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603904C MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC) | 4,036                            | 3,284         | 3,296         |
| <b>Investment Resource Summary:</b> |   |  | 4,036                            | 3,284         | 3,296         |

**007-000006600 - MDA PROGRAM RESOURCE INTERNET DATABASE ENVIRONMENT (MDA PRIDE)**

Non-Major

DoD Segment: Financial Management

**RDT&E**

| <i>Appropriation</i>                | <i>Budget Activity</i>                            | <i>Program Element</i>                        | ----- Dollars in Thousands ----- |               |               |
|-------------------------------------|---|---|----------------------------------|---------------|---------------|
|                                     |   |   | <i>FY2013</i>                    | <i>FY2014</i> | <i>FY2015</i> |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603175C BALLISTIC MISSILE DEFENSE TECHNOLOGY | 0                                | 350           | 0             |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603914C BALLISTIC MISSILE DEFENSE TEST       | 0                                | 855           | 1,300         |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0604881C AEGIS SM-3 BLOCK IIA CO-DEVELOPMENT  | 879                              | 0             | 0             |
| <b>Sub Total:</b>                   |   |   | 879                              | 1,205         | 1,300         |
| <b>Investment Resource Summary:</b> |   |   | 879                              | 1,205         | 1,300         |

**007-000006601 - MDA Business Automation (MDABUSAUTO)**

Non-Major

DoD Segment: DoD IT Infrastructure

**RDT&E**

| <i>Appropriation</i>                | <i>Budget Activity</i>                            | <i>Program Element</i>         | ----- Dollars in Thousands ----- |               |               |
|-------------------------------------|---|--------------------------------|----------------------------------|---------------|---------------|
|                                     |   |                                | <i>FY2013</i>                    | <i>FY2014</i> | <i>FY2015</i> |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603890C BMD ENABLING PROGRAMS | 5,831                            | 5,319         | 5,919         |
| <b>Investment Resource Summary:</b> |   |                                | 5,831                            | 5,319         | 5,919         |

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

**007-000006913 - MDA IT Planning and Solutions (ENTPLANSSOL)**

Non-Major

DoD Segment: IT Management

**RDT&E**

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

| <i>Appropriation</i> | <i>Budget Activity</i>                            | <i>Program Element</i>         | <i>FY2013</i> | <i>FY2014</i> | <i>FY2015</i> |
|----------------------|---|--------------------------------|---------------|---------------|---------------|
| RDT&E, DW            | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603890C BMD ENABLING PROGRAMS | 7,874         | 9,138         | 10,361        |

|                                     |       |       |        |
|-------------------------------------|-------|-------|--------|
| <b>Investment Resource Summary:</b> | 7,874 | 9,138 | 10,361 |
|-------------------------------------|-------|-------|--------|

**007-000006914 - US Central LAN (USCENTRALLAN)**

Non-Major

DoD Segment: DoD IT Infrastructure

**RDT&E**

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

| <i>Appropriation</i> | <i>Budget Activity</i>                            | <i>Program Element</i>   | <i>FY2013</i> | <i>FY2014</i> | <i>FY2015</i> |
|----------------------|---|--|---------------|---------------|---------------|
| RDT&E, DW            | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603904C MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC) | 20,677        | 16,824        | 16,890        |

|                                     |        |        |        |
|-------------------------------------|--------|--------|--------|
| <b>Investment Resource Summary:</b> | 20,677 | 16,824 | 16,890 |
|-------------------------------------|--------|--------|--------|



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

007-000006916 - MDA Portal and Data Services (MDAPORTALDATASV)

Non-Major

DoD Segment: DoD IT Infrastructure

**RDT&E**

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

| <i>Appropriation</i>                | <i>Budget Activity</i>                            | <i>Program Element</i>   | <i>FY2013</i> | <i>FY2014</i> | <i>FY2015</i> |
|-------------------------------------|---|--|---------------|---------------|---------------|
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603881C BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT  | 85            | 359           | 239           |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603882C BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT   | 368           | 300           | 300           |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603884C BALLISTIC MISSILE DEFENSE SENSORS   | 152           | 125           | 160           |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603890C BMD ENABLING PROGRAMS   | 4,617         | 5,132         | 5,648         |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603896C BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATIONS (C2BMC) | 120           | 0             | 129           |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603904C MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC)                                     | 0             | 204           | 208           |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603915C BALLISTIC MISSILE DEFENSE TARGETS   | 125           | 128           | 131           |
| <b>Sub Total:</b>                   |   |  | 5,467         | 6,248         | 6,815         |
| <b>Investment Resource Summary:</b> |   |  | 5,467         | 6,248         | 6,815         |

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

**007-000006917 - MDA Network and Infrastructure Services (MDANETINFRSVC)**

Non-Major

DoD Segment: DoD IT Infrastructure

**RDT&E**

| <i>Appropriation</i>                | <i>Budget Activity</i>                            | <i>Program Element</i>   | ----- Dollars in Thousands ----- |               |               |
|-------------------------------------|---|--|----------------------------------|---------------|---------------|
|                                     |   |  | <i>FY2013</i>                    | <i>FY2014</i> | <i>FY2015</i> |
| RDT&E, DW                           | BA 03 ADVANCED TECHNOLOGY DEVELOPMENT             | 0603177C DISCRIMINATION SENSOR TECHNOLOGY  | 0                                | 1,118         | 1,230         |
| RDT&E, DW                           | BA 03 ADVANCED TECHNOLOGY DEVELOPMENT (ATD)       | 0603175C BALLISTIC MISSILE DEFENSE TECHNOLOGY  | 873                              | 0             | 0             |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603881C BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT  | 1,880                            | 0             | 0             |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603882C BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT   | 0                                | 28            | 0             |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603884C BALLISTIC MISSILE DEFENSE SENSORS   | 15,471                           | 566           | 568           |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603890C BMD ENABLING PROGRAMS   | 19,918                           | 22,026        | 21,268        |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603892C AEGIS BMD   | 358                              | 0             | 0             |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603893C SPACE TRACKING & SURVEILLANCE SYSTEM  | 2,836                            | 2,618         | 2,857         |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603896C BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATIONS (C2BMC) | 2,648                            | 0             | 0             |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603913C ISRAELI COOPERATIVE PROGRAMS  | 3,105                            | 2,777         | 3,398         |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603914C BALLISTIC MISSILE DEFENSE TEST  | 7,195                            | 7,411         | 7,633         |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603915C BALLISTIC MISSILE DEFENSE TARGETS   | 363                              | 370           | 378           |
| RDT&E, DW                           | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0604880C LAND-BASED SM-3 (LBSM3)   | 158                              | 242           | 0             |
| RDT&E, DW                           | BA 06 RDT&E MANAGEMENT SUPPORT                    | 0901598C MANAGEMENT HQ - MDA   | 7                                | 0             | 0             |
| <b>Sub Total:</b>                   |   |  | 7                                | 0             | 0             |
| <b>Investment Resource Summary:</b> |   |  | 54,812                           | 37,156        | 37,332        |

**Department of Defense  
Fiscal Year (FY) 2015 IT President's Budget Request  
Missile Defense Agency Overview**

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

**007-000006920 - MDDC Data Center (MDDC)**

Non-Major

DoD Segment: DoD IT Infrastructure

**RDT&E**

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

| <i>Appropriation</i> | <i>Budget Activity</i>                            | <i>Program Element</i>                  | <i>FY2013</i> | <i>FY2014</i> | <i>FY2015</i> |
|----------------------|---|---|---------------|---------------|---------------|
| RDT&E, DW            | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603914C BALLISTIC MISSILE DEFENSE TEST | 4,659         | 4,426         | 5,941         |

|                                     |       |       |       |
|-------------------------------------|-------|-------|-------|
| <b>Investment Resource Summary:</b> | 4,659 | 4,426 | 5,941 |
|-------------------------------------|-------|-------|-------|

**007-000006998 - SECURITY MANAGEMENT (SECURITYMGMT)**

Non-Major

DoD Segment: Installation Support

**RDT&E**

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

| <i>Appropriation</i> | <i>Budget Activity</i>                            | <i>Program Element</i>   | <i>FY2013</i> | <i>FY2014</i> | <i>FY2015</i> |
|----------------------|---|--|---------------|---------------|---------------|
| RDT&E, DW            | BA 04 ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | 0603904C MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC) | 920           | 749           | 752           |

|                                     |     |     |     |
|-------------------------------------|-----|-----|-----|
| <b>Investment Resource Summary:</b> | 920 | 749 | 752 |
|-------------------------------------|-----|-----|-----|