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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2015 Missile Defense Agency **Date:** March 2014

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide / BA 4: Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>
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COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	107.604	47.710	42.619	46.387	-	46.387	52.619	53.552	54.699	56.252	Continuing	Continuing
MD03: <i>Joint Warfighter Support</i>	105.974	45.208	40.128	14.569	-	14.569	17.144	17.285	17.517	17.912	Continuing	Continuing
MT03: <i>Joint Warfighter Support Test</i>	-	-	-	29.134	-	29.134	32.383	32.910	33.486	34.323	Continuing	Continuing
MD40: <i>Program-Wide Support</i>	1.630	2.502	2.491	2.684	-	2.684	3.092	3.357	3.696	4.017	Continuing	Continuing

**MDAP/MAIS Code:** 362

# The FY 2015 OCO Request will be submitted at a later date.

**Note**

Beginning in FY2015, Joint Warfighter Support transfers from Budget Project MD03 to Budget Project MT03.

**A. Mission Description and Budget Item Justification**

The Joint Warfighter Support Program (JWSP) is MDA's primary means for providing direct technical support to Combatant Commanders, the Military Services and the Joint Staff on Ballistic Missile Defense System (BMDS) developments. It enables delivery of BMDS capabilities to Warfighters and ensures their participation in the identification and development of new BMD capabilities via the Warfighter Involvement Process. The JWSP Program allows the Warfighter and Material Developer to work together to identify gaps, seams and needs in war fighting capability and develop enhancements to BMD System attributes through submission of Modification and Fielding Requests. The JWSP also provides for continuous, 'round the clock' BMD system-related support to Warfighters deployed across the globe on a 24/7/365 basis. The program enables rapid delivery of responses to Warfighter Requests for Information and Requests for Analyses, which is especially critical to mission success in protecting US forces and other defended assets during "Real World" threat events. The program supports delivery of product improvements to Warfighters through technical reviews allows employment of technical analyses to support development of shot doctrine and enables the inclusion of both Combatant Commander (COCOM) and Material Developer BMD-related objectives in COCOM/Joint Staff sponsored wargames and exercises, which are used to sharpen and enhance joint BMD warfighting skills.

MD40 Program-Wide Support (PWS) consists of essential non-headquarters management costs in support of the MDA functions and activities across the entire Ballistic Missile Defense System (BMDS). In keeping with congressional intent, Program Wide Support is allocated on a pro-rata basis and therefore, fluctuates by year based on the total MDA budget.

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<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>
Previous President's Budget	55.550	47.419	47.793	-	47.793
Current President's Budget	47.710	42.619	46.387	-	46.387
Total Adjustments	-7.840	-4.800	-1.406	-	-1.406
• Congressional General Reductions	-0.074	-			
• Congressional Directed Reductions	-	-4.800			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-2.636	-			
• SBIR/STTR Transfer	-0.651	-			
• Other Adjustment	-4.479	-	-1.406	-	-1.406

**Change Summary Explanation**

Decrease of \$1.406 in FY 2015 reflects realignment of Department of Defense priorities.

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COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
MD03: <i>Joint Warfighter Support</i>	105.974	45.208	40.128	14.569	-	14.569	17.144	17.285	17.517	17.912	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

# The FY 2015 OCO Request will be submitted at a later date.

**Note**

Funding in the All Prior Years column represents a summary of Prior Years Total Costs for active contracts, Military Interdepartmental Purchase Requests, and civilian salaries on the R-3.

**A. Mission Description and Budget Item Justification**

The Warfighter Strategic Integration in MD03 is comprised of five primary functions: (1) Combatant Commander (CCMD) Support including US Strategic Command (USSTRATCOM) and USNorthern Command (USNORTHCOM); (2) Joint Staff Engagement; (3) Military Services Engagement; (4) Current Operations Support; and (5) Warfighter Training Support.

Combatant Commander Support (USSTRATCOM and USNORTHCOM) entails: supporting the Warfighter Involvement Process; assisting Warfighters with the annual BMDS Prioritized Capabilities List (PCL) and Modification and Fielding Request List (MFRL); educating CCMD's in development of common BMDS operational procedures; coordinating with USSTRATCOM regarding the Operations Forces Standing Committee (OSFC) and Departmental Corporate Boards (such as the Missile Defense Executive Board); Supporting USSTRATCOM and USNORTHCOM Assistants to the Director (ATD)/LNOs in communications with CCMD staffs on BMDS capabilities and deployments; supporting Joint Functional Component Command Integrated Missile Defense (JFCC IMD) Integration efforts; and coordinating the CCMD inquiries into the Requests for Analysis and Requests for Information (RFA/RFI) process.

Joint Staff Engagement support includes: facilitating and coordinating Joint Staff interactions with the Agency; responding to BMDS Capability Delivery process inquiries and transition and transfer actions from the Services; maintaining daily, strategic-level interfaces with the Joint Staff, providing critical information required to plan for fielding and operation of BMDS capabilities and coordinating Joint Staff inquiries into the MDA RFA/RFI process.

Military Services Engagement includes: facilitate and coordinate Service Boards of Directors (BoDs); supporting the BMDS Capability Delivery process and transition and transfer to the Services; establishing and updating Annexes for transitioned and transitioning BMDS capabilities; maintaining daily, strategic-level interfaces with the Military Services to provide critical information required to plan for the delivery, fielding, and operation of respective Lead Service BMDS capabilities; and coordinating Military Service inquiries in the MDA RFA/RFI process.

The Current Operations Support function entails: Operating the MDA Operations Support Center (OSC) 24 hours per day, 7 days per week; staffing and operating two MDA Operations Centers (MOC) in VA and in AL (HMOC) five days per week; serving as the office of primary responsibility for MDA participation in the BMDS Asset

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Management (BAM) Scheduling and Execution Process; collecting and reporting BMDS operational availability and readiness data; leading the MDA operations support task force in support of real-world contingencies, crisis events and exercises; and leading the staffing and processing of Warfighter RFA/RFIs.

Warfighter Training Support includes: Providing technical and programmatic updates on BMD systems; providing Missile Defense Space Warning tool (MDST) support; coordinating C2BMC, Distributed Multi-Echelon Training System (DMETS), and other BMD training; and developing the BMDS Handbook.

**B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)**

	FY 2013	FY 2014	FY 2015
<p><b>Title:</b> Warfighter Operational Support / Wargames and Exercises</p> <p style="text-align: right;"><b>Articles:</b></p> <p><b>Description:</b> N/A</p> <p><b>FY 2013 Accomplishments:</b></p> <ul style="list-style-type: none"> <li>-Managed MDA and Combatant Command (CCMD) interface activities.</li> <li>-Provided support to the development and updated of Ballistic Missile Defense(BMD) portions of CCMD Operation Plans (OPLANS) and Contingency Plans (CONPLANS).</li> <li>-Provided support to the BMDS Capability Delivery process and transition and transfer to the Services.</li> <li>-Coordinated and integrated CCMD requirements into the BMDS Integrated Master Test Plan.</li> <li>-Integrated and provided information to the Global Deployment Program Office (GDPO).</li> <li>-Assisted the Warfighter in the development and execution of required MDA tasks with the Joint Functional Component Command</li> <li>- Integrated Missile Defense (JFCC-IMD) Force Preparation Campaign Plan (FPCP).</li> <li>-Synchronized MDA integrated fielding plans with Warfighter Operational Readiness and Acceptance (OR&amp;A) efforts.</li> <li>-Served as liaison between internal MDA organizations and JFCC-IMD across all functional areas (e.g. operations, plans and resources) to facilitate Geographic Combatant Command (GCC) participation in the BMDS capability definition, design, development, integration and delivery processes.</li> <li>-Engaged in MDA/GCC interface and synchronization of information regarding capabilities and security cooperation strategies.</li> <li>-Prepared MDA Senior Leadership for engagements with the GCCs. Supported MDA Senior Leadership Engagements including the Middle East Missile and Air Defense Conference (MEMAD), Fires Conference at Fort Sill, Kingdom of Saudi Arabia Air and Missile Defense Committee, 2012 Multinational Conference, European Command (EUCOM) Ballistic Missile Defense Upgrade Conference and multiple engagements in conjunction with flight tests.</li> <li>-Assisted with planning and developing GCC CCMD engagement strategy and attended Technical Interchange Meetings (TIMs). Provided FTI-01 Warfighter engagement support through assistance with Operational Mission Profile (OMP) development and TIMs.</li> <li>-Supported the GCC Assistants to the Director (ATDs)/Liaison Officers (LNOs).</li> <li>-Supported in developing responses and coordinating actions and taskings, including requests for information regarding BMDS operations and programmatic inquiries related to the programs.</li> </ul>	26.554	26.991	-
	-	-	-

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<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>		<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	
<p>-Conducted, coordinated, and participated in meetings and working groups in response to real world events and associated MDA tasks.</p> <p>-Planned and coordinated activities during real world contingencies to include senior level status briefings. Provided surge support to the Huntsville MDA Operation Center (HMOC) during Operation Dynamic View, enabling the HMOC to achieve 24x7 operations presence in support of Senior Leadership in Huntsville. Also provided surge support to the HMOC during the April/May Period of Interest.</p> <p>-Assisted with BMD planning, analysis, and activation of MDA assets for use in the operating force.</p> <p>-Supported multiple Flag Officer/General Officer (FOGO) and 0-6 level planning and execution engagements in support of AN/TPY-2 deployments in the Central Command (CENTCOM) and Pacific Command (PACOM) AORs.</p> <p>-Conducted an internal reorganization in May to maximize efficiency and leverage available personnel to improve support for Geographic Combatant Commands. Also conducted a reorganization that transferred the Wargames &amp; Exercises Division from Ground Test (DTG) to Warfighter Operational Support (DTW).</p> <p>Participated in multiple Wargames and Exercises Events during FY 2013. Reference MD03 R-4/R-4A for details.</p> <p><b>FY 2014 Plans:</b></p> <p>-Continue efforts as listed under FY 2013 plans</p> <p>-Requirement decrease result of approved Wargames and Exercises changes</p> <p>-Support of war games and exercises as listed in FY 2013</p> <p><b>FY 2015 Plans:</b></p> <p>N/A</p>					
<p><b>Title:</b> Strategic Warfighter Integration</p> <p><b>Description:</b> N/A</p> <p><b>FY 2013 Accomplishments:</b></p> <p>-Manned and operated MDA's Operations Support Center (OSC) 24 hours per day, 7 days per week, 365 days per year to gather, develop, maintain, communicate and fuse all BMDS situational awareness data concerning the current Health and Status of the BMDS, maintained operational and exercise configuration control of the BMDS architecture, reported operational readiness, conducted pre-fielding and fielding asset coordination responsibilities, provided real time BMDS information to all BMDS stakeholders and provided crisis action planning and support during exercises and real world contingencies</p> <p>-Manned and operated the MDA HQ Mission Operations Center (MOC) at MDA HQ 5 days per week to provide situational awareness and understanding, and operational and developmental support to the MDA HQ element located in the NCR and serve</p>		<b>Articles:</b>	18.654 -	13.137 -	14.569 -

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<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>
<p>as a fusion center for MDA Warfighter Strategic Integration Directorate efforts in support of OSD, Joint Staff and Service requests and tasking response</p> <ul style="list-style-type: none"> <li>-Planned, organized, resourced and managed BMD operations support functions to optimize mission performance</li> <li>-Maintained approved BMDS operational configuration and enabled on-site developmental operations, sustainment, and operational activities in a Concurrent Test, Training and Operations (CTTO) environment</li> <li>-Precisely aligned BMDS components in accordance with the currently approved Operational or Test Configuration. This required participation in the Integration Synchronization Group and the MDA Program Change Board, and real time management to ensure the BMDS is in the specific approved Operational Configuration</li> <li>-Served as the MDA BMDS Asset Management office of primary responsibility for coordinating and providing integrated MDA development, maintenance and training inputs into the Asset Management Process. Planning and coordination included long range planning (MDA Annual Plan), quarterly schedules, BMDS Operating Schedule (2-8 weeks of near term schedules), and Weekly Activity Message coordination and execution</li> <li>-Developed daily updates to the Combat Capabilities Assessment Schedule (CCAS) supporting 14th Air Force and the Combined Operating Schedules for EUCOM and CENTCOM</li> <li>-Monitored, collected, and analyzed BMDS operational readiness data to communicate past and present BMDS operational readiness and improve future performance</li> <li>-Maintained BMDS Operational Baseline documentation and associated BMDS Operational Configuration documentation to include the BMDS Handbook and technical library</li> <li>-Maintained BMDS applicable configuration documents for elements and Wargames Support Center (WSC)</li> <li>-Ensured BMDS Watch Officer (BWO) and Warfighter have situational awareness of current and proposed BMDS Operational Baseline requirements</li> <li>-Implemented BMDS Operational Readiness Reporting System (BORRS) Data for COCOMs</li> <li>-Monitored BMDS Readiness (Operations Capability Protection Capability, Reliability, Availability, Maintainability, BMDS Operational Capability Assessment, Maintenance Data)</li> <li>-Manned and operated the Crisis Planning Team (CPT) in support of COCOM contingencies, Exercises</li> <li>-Continued to enhance Operations Support Center (OSC) capabilities based on BMDS future capabilities</li> <li>-Continued improvement of situational awareness, technical reach-back and connectivity to MDA development, testing, and fielding organizations</li> <li>-Assisted the Joint Functional Component Command for Integrated Missile Defense in planning and executing Warfighter Trial Periods</li> <li>-Continued streamlining BMDS scheduling asset management process to support the warfighter</li> <li>-Continued improvements in overseeing the BMDS operational configuration and increased fidelity and technical detail in configuration specifications</li> <li>-Continued to coordinate and align BMDS scheduled maintenance to maximize availability</li> </ul>			

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<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>
<ul style="list-style-type: none"> <li>-Continued integration of Capability Demonstration-like objectives into the Ground Test Campaign</li> <li>-Continued to update the Handbook and created and published the BMDS Handbook for future BMDS capabilities</li> <li>-Continued quarterly BMDS System Operability Checks</li> <li>-Continued to improve the BMDS Operational Readiness Reporting System (BORRS)</li> <li>-Improved Operations Support Center and Asset Management Continuity of Operations capabilities</li> <li>-Integrated configuration management tool capabilities into the on-line asset management tools</li> <li>-Integrated situational awareness tool capabilities into the on-line asset management tools</li> <li>-Continued to improve the MDA-wide BMDS Operational Reporting process</li> <li>-Continued to provide the BMDS Update Briefing to MDA Leadership at Headquarters Command Center</li> <li>-Continued to provide direct support to MDA Leadership at Headquarters Command Center</li> <li>-Continued to perform Battle Staff and Crisis Action Team operations for MDA Headquarters Command Center at Fort Belvoir, VA</li> <li>-Continued to provide BMDS operational situational awareness and real-world crisis response for MDA Headquarters Command Center at Fort Belvoir, VA</li> <li>-Continued to coordinate MDA Warfighter Strategic Integration Directorate efforts in support of OSD, Joint Staff and Service requests and tasking response</li> <li>-Provided strategic-level interfaces between MDA and the Military Services, the Joint Staff (J39), and the Office of the Under Secretary of Defense for Policy (OSD (P)), with a focus on cross-Departmental initiatives (such as the transition of BMDS capabilities to the Services), as well as cross-COCOM forums Operations Forces Standing Committee (OSFC) Departmental Corporate Boards (such as the Missile Defense Executive Board)</li> <li>-Maintained daily, strategic-level interfaces with the Military Services and Joint Staff, provided them with the critical information they required to plan for the delivery, fielding, and operation of BMDS capabilities</li> <li>-Provided direct support to the Director's Action Group for MDA senior leadership projects</li> <li>-Supported MDA Senior Leadership participation in the OFSC, MDEB, the Joint Requirements Oversight Council, the Joint Capability Boards and other interdepartmental venues</li> <li>-Liaison with OSD Policy on affairs related to missile defense</li> <li>-Directly interfaced with the Services, Joint Staff and Combatant Command on missile defense policy issues</li> <li>-Ensured senior leadership is prepared for all external engagements (executive boards, testimony, Combatant Command visits, public engagements, etc) as relates to operational BMDS strategic planning and policy</li> <li>-Enabled BMDS operational situational awareness and real-world crisis response to the leadership through the MDAHQ Mission Operations Center</li> <li>-Provided MDA's planner level coordination for Combatant Command, Joint Staff, and inter-agency staff actions</li> <li>-Supported Component Command Tabletop Exercises and Experiments to facilitate the development of Regional Concepts of Operation and Operational Concepts development for Early Intercept concepts and other programs such as Nimble Fire 11</li> </ul>			

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<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>
<ul style="list-style-type: none"> <li>-Assisted Warfighters to update the annual BMDS Prioritized Capabilities List to reflect changes in Component Command priorities for needed BMDS enhancements</li> <li>-Assisted Strategic Command with its annual BMDS Military Utility Assessment</li> <li>-Continued to work with the Program Offices and the Warfighter to establish Concepts of Operation for transitioning BMDS capabilities</li> <li>-Continued to prepare the MDA leadership to represent the Agency to the OFSC Missile Defense Executive Board on critical BMDS related topics decisions</li> <li>-Supported Combatant Commanders in execution of real-world operations contingencies</li> <li>-Managed Warfighter Request for Analysis Request for Information (RFARFI) process within MDA</li> <li>-Operated the BMDS Joint Training and Education Center</li> <li>-Provided BMDS-Level Training and Education for the Joint Warfighters, Defense Officials and Services</li> <li>-Provided Training Transition support to the Services</li> <li>-Trained by the BMDS Training &amp; Education Center</li> <li>-Developed Asset Management training courses</li> <li>-Developed Combatant Command training courses</li> <li>-Operated the Joint BMDS Training and Education Center</li> <li>-Provided BMDS-Level Training and Education for the MDA personnel, Joint Warfighters, Department of Defense Officials, Services and selected US Allies (over 3,000 students per year)</li> <li>-Provide focal point for US Government personnel from the COCOMs and components to obtain BMDS information, education, and training (over 170 training and education events per year)</li> <li>-Provided a BMDS 101 to foster greater understanding of missile defense among a general audience</li> <li>-Provided COCOM Staffs with familiarization of the BMDS including capabilities and limitations</li> <li>-Provided DOD and COCOM executive personnel with familiarization of the BMDS including capabilities and limitations.</li> <li>-Provided COCOM Staffs with planning and employment in-depth training in the global ballistic missile defense planning processes, day-to-day operations, and current future systems and issues</li> <li>-Provided missile defense space warning tool (MDST) support for exercises and training for Combatant Commands and Services (up to 247365)</li> <li>-Provided simulated missile injects over the operational IBS and Satellite Theater Event System broadcast by using a constructive simulation, which models the detection, tracking, and reporting of ballistic missile launches using space-based Infrared (IR) sensors</li> <li>-Provide support for Component Command participants to attend numerous missile defense exercises and wargames</li> <li>-Support travel requirements to the Civilian and Military staff, to attend various exercises, wargames, planning conferences and technology conferences</li> </ul>			

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**B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)**

	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>
<ul style="list-style-type: none"> <li>-Provide Contractor Technical Support Services as required to enable the Warfighter to define, test, deploy and employ new missile defense capabilities</li> <li>-Train to maintain proficiency with current capabilities</li> <li>-Provide feedback and support involvement in MDA's BMDS development process</li> <li>-Support to the Joint Functional Component Commander for Integrated Missile Defense BMDS Table Top Exercise(s) to facilitate the Global Missile Defense Capability and to refine the European Capability Concept of Operations through low fidelity demonstration modeling simulations and MDA coordination</li> <li>-Develop Table Top evolutions to include future concepts (Early Intercept) and BMDS assets; conducting System Capability Reviews of new BMDS assets approaching the timeline to be fielded</li> <li>-Provide 24 hours a day, 7 days a week, 365 days a year MDA analysis support to Warfighter Exercises and to the Joint Staff, Services and Combatant Commands in order to document, validate, and prioritize new BMDS capabilities desired by the Warfighters, as well as enhancements to the characteristics of fielded capabilities through the Warfighter Involvement Process</li> <li>-Annual update of the BMDS Prioritized Capabilities List reflecting Combatant Command priorities for needed BMDS enhancements</li> <li>-Conduct Studies and Analyses, as required, to examine emergent Single Integrated Air Picture issues from a BMDS perspective and assess emerging technologies, studies, and theories for incorporation into future BMDS development</li> <li>-Conduct Studies and Analyses to support Joint Staff and Service BMDS Integration efforts required to ensure all aspects of the BMDS successfully transition from development to field use</li> <li>-Conduct BMDS Table Top exercises with low fidelity demonstrations for our friends and allies for International Programs and the Combatant Commanders</li> <li>-Work with the Terminal High-Altitude Area Defense, and other Program Offices and the Warfighter to establish Concepts of Operations that will support future MDA development</li> <li>-Manage MDA COCOM interfaces</li> <li>-Provide support to the development and update of BMD portions of COCOM OPLANS and CONPLANS</li> <li>-Provide support to the BMDS Capability Delivery process and transition and transfer to the services</li> <li>-Support USSTRATCOM with development of the annual BMDS Military Utility Assessment</li> <li>-Track the configuration and status of the BMDS through the execution of the BORRS and provide Life Cycle Sustainment Metrics in accordance with DOD and USDAT&amp;L policies</li> <li>-Provide BMDS Operational Readiness Reporting System (BORRS) operational availability (OA) and Warfighter Availability (Aw) to the COCOMS, MDA, in support of Congressional Requests for Information</li> <li>-Provide BORRS data to Operational Test Agency in support of their Military Utility Assessments</li> </ul> <p><b>FY 2014 Plans:</b></p>			

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<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MD03 / <i>Joint Warfighter Support</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>
<p>-Continue efforts as listed under FY 2013 plans with the exception of the Joint BMDS Training and Education Center (JBTEC) activities which transferred to USSTRATCOM beginning FY 2014.</p> <p><b>FY 2015 Plans:</b> The Agency will continue to make significant strides in Warfighter support by increasing its focus on providing strategic-level interface to USSTRATCOM, USNORTHCOM, the Joint Staff, Office of the Secretary of Defense and Services to facilitate increased Warfighter involvement in the transition and deployment of future ballistic missile defense capabilities. Several of the key Warfighter interface activities include:</p> <p>USSTRATCOM Engagement:</p> <ul style="list-style-type: none"> <li>-Support the Warfighter Involvement Process (WIP) and other MDA Warfighter engagement efforts by assisting Warfighters in their update to the annual BMDS Prioritized Capabilities List (PCL) and Modification and Fielding Request List (MFRL) reflecting changes in Combatant Command and Service priorities for needed BMDS enhancements to address full range of CCMD needs</li> <li>-Share BMDS operational information / educate CCMD's in development of common BMDS operational procedures</li> <li>-Plan and execute a quarterly tag-up between the MDA Deputy Director and the USSTRATCOM Deputy CDR regarding the Operations Forces Standing Committee (OSFC) and Departmental Corporate Boards (such as the Missile Defense Executive Board)</li> <li>-Coordinate the MDA process for responding to USSTRATCOM Requests for Analysis and Requests for Information (RFA/RFI)</li> <li>-Provide reach-back support to the USSTRATCOM ATD in all USSTRATCOM BMDS related activities requiring visibility by the MDA Director</li> <li>-Support Joint Functional Component Command Integrated Missile Defense (JFCC IMD) Integration efforts</li> </ul> <p>USNORTHCOM Engagement:</p> <ul style="list-style-type: none"> <li>-Assist MDA and USNORTHCOM Leadership in their efforts to broaden Homeland defense planning to address the full range of USNORTHCOM threats and integration of allies into BMD</li> <li>-Assist in the planning of incorporating additional BMDS related homeland defense capabilities</li> <li>-Leverage developmental and fielding expertise to support allied development of common operational procedures</li> <li>-Coordinate the MDA process for responding to NORTHCOM Requests for Analysis and Requests for Information (RFA/RFI)</li> <li>-Expand Service cooperation and influence acquisition and BMDS capability transfer decisions</li> <li>-Support BMD Senior Leader Forums as well as asset management, test, training, and exercises</li> </ul> <p>Joint Staff Engagement:</p> <ul style="list-style-type: none"> <li>-Facilitate/coordinate Joint Staff interactions with the Agency</li> <li>-Provide answers to the BMDS Capability Delivery process and transition and transfer actions to the Services</li> </ul>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2015 Missile Defense Agency		<b>Date:</b> March 2014
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MD03 / <i>Joint Warfighter Support</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>
<p>-Provide MDA`s planner level coordination for Joint Staff, and inter-agency staff actions</p> <p>-Maintain daily, strategic-level interfaces with the Joint Staff, providing critical information required to plan for the fielding, and operation of BMDS capabilities</p> <p>-Coordinate the MDA process for responding to Joint Staff Requests for Analysis and Requests for Information (RFA/RFI)</p> <p>Military Services Engagement:</p> <p>-Facilitate/coordinate Service Boards of Directors (BoDs)</p> <p>-Support the BMDS Capability Delivery process and transition and transfer to the Services via the Agency Program Offices and Services to establish transition Annexes for BMDS capabilities</p> <p>-Maintain daily, strategic-level interfaces with the Services to provide critical information required to plan for the delivery, fielding, and operation of respective Lead Service BMDS capabilities</p> <p>-Coordinate the MDA process for responding to Service RFA/RFIs.</p> <p>Current Operations Support</p> <p>-Staff / operate the MDA Operations Support Center (OSC) 24 hours per day, 7 days per week to: control the configuration of the operational Ballistic Missile Defense System (BMDS); coordinate the execution of daily scheduled BMDS activities through the Asset Management System; capture scheduled and unscheduled outage start and stop times through the BMDS Operational Readiness Reporting System; monitor the "Health and Status" of BMDS assets deployed worldwide; support MDA Senior Leadership with prompt and accurate Critical Information Reporting</p> <p>-Take rapid corrective action to remediate system and support equipment faults and thereby maximize system availability and effectiveness against threat missiles</p> <p>-Gather, develop, fuse, document, and communicate BMDS operational data to all BMDS stakeholders</p> <p>-Provide certification training to BWO, ABWO, BSO, and other Operations Support Center staff</p> <p>-Support MDA Continuity of Operations Program planning and execution activities</p> <p>-Staff and operate two MDA Operations Centers (MOC) in VA and in AL (HMOC) five days per week to provide MDA Senior Leadership with Agency command, control, and communications capability to worldwide MDA activities</p> <p>-Serve as the fusion center for MDA's Warfighter Strategic Integration efforts in support of OSD, Joint Staff, CCMD and Services</p> <p>-Serve as the office of primary responsibility for MDA participation in the BMDS Asset Management (BAM) Process defined by USSTRATCOM</p> <p>-Develop and maintain the Integrated Scheduling Tool, information technology infrastructure, and tailored applications which facilitate BMDS planning, scheduling, and execution management supporting Homeland and Theater / Regional BMDS</p> <p>-Coordinate with CCMDs to develop the BMDS Annual Plan, coordinate BMDS operating schedules, and synchronize BMDS execution schedules</p> <p>-Publish Asset Management user and system administrator guides and develop and conduct Asset Management training courses</p>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2015 Missile Defense Agency		<b>Date:</b> March 2014
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MD03 / <i>Joint Warfighter Support</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>
-Coordinate and align BMDS scheduled maintenance to maximize operational and developmental availability -Collect and report BMDS operational availability and readiness data through the network based BMDS Operational Readiness Reporting System (BORRS) -Lead the MDA Operations Support Planning Team (OSPT), an Agency-wide task force, in support of real-world contingencies, crisis events and exercises -Lead the staffing and processing of Warfighter Requests for Analysis/Requests for Information (RFA/RFI)			
Warfighter Training Support -Provide technical and programmatic updates on BMD systems in support of Warfighter training -Provide Missile Defense Space Warning tool (MDST) support for exercises and training for Combatant Commands and Services (up to 24/7) -Coordinate C2BMC, Distributed Multi-Echelon Training System (DMETS), and other BMD training with the Warfighter through the USSTRATCOM, Joint Staff (J-7), MDA co-chaired BMD Training and Education Working Group -Develop and promulgate the BMDS Handbook to enable Warfighter understanding of the capabilities and limitations of the fielded BMDS			
<b>Accomplishments/Planned Programs Subtotals</b>	45.208	40.128	14.569

**C. Other Program Funding Summary (\$ in Millions)**

<b>Line Item</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
• 0603882C: <i>Ballistic Missile Defense Midcourse Defense Segment</i>	923.506	910.852	1,003.768	-	1,003.768	1,131.060	937.998	690.524	628.342	Continuing	Continuing
• 0603884C: <i>Ballistic Missile Defense Sensors Enabling Programs</i>	306.896	366.590	392.893	-	392.893	462.030	448.763	403.272	368.125	Continuing	Continuing
• 0603890C: <i>BMD Enabling Programs</i>	336.763	372.309	410.863	-	410.863	412.264	400.813	531.752	637.123	Continuing	Continuing
• 0603895C: <i>Ballistic Missile Defense System Space Programs</i>	5.977	6.515	6.389	-	6.389	7.112	7.290	7.454	7.665	Continuing	Continuing
• 0603896C: <i>Ballistic Missile Defense Command and Control, Battle Management &amp; Communication</i>	344.431	405.319	443.484	-	443.484	456.182	462.525	452.937	465.638	Continuing	Continuing

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2015 Missile Defense Agency									<b>Date:</b> March 2014		
<b>Appropriation/Budget Activity</b> 0400 / 4				<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>				<b>Project (Number/Name)</b> MD03 / <i>Joint Warfighter Support</i>			

**C. Other Program Funding Summary (\$ in Millions)**

<u>Line Item</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u> <u>Base</u>	<u>FY 2015</u> <u>OCO</u>	<u>FY 2015</u> <u>Total</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• 0603904C: <i>Missile Defense Integration and Operations Center (MDIOC)</i>	61.684	52.095	58.530	-	58.530	51.738	61.594	53.885	55.414	Continuing	Continuing
• 0901598C: <i>Management HQ - MDA</i>	31.674	34.712	36.998	-	36.998	36.343	35.441	34.675	33.650	Continuing	Continuing

**Remarks**

**D. Acquisition Strategy**

Missile Defense Agency will continue to enable effective delivery of Ballistic Missile Defense System capabilities to the Warfighter by ensuring their participation in the identification and development of new capabilities via the Warfighter Involvement Process.

**E. Performance Metrics**

N/A

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Missile Defense Agency** **Date:** March 2014

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MD03 / <i>Joint Warfighter Support</i>
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<b>Product Development (\$ in Millions)</b>				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
<b>Subtotal</b>			-	-		-		-		-		-	-	-	-

**Remarks**  
N/A

<b>Support (\$ in Millions)</b>				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Warfighter Operational Support / Wargames and Exercises - Civilian Salaries/Operations Sustainment	Allot	MDA Headquarters : Colorado Springs, Huntsville, NCR	5.631	1.780		1.993		-		-		-	Continuing	Continuing	Continuing
Warfighter Operational Support / Wargames and Exercises - Combatant Commanders (COCOM) Support	C/CPAF	Joint National Integration Research & Development Center (JRDC)/ MIPR : Colorado Springs, Huntsville, NCR	66.443	19.457		15.018		-		-		-	Continuing	Continuing	Continuing
Warfighter Operational Support / Wargames and Exercises - Combatant Commanders (COCOM) Support A&AS	C/CPFF	Missile Defense Agency Engineering & Support Services (MiDAESS) : Colorado Springs, Huntsville, NCR	5.173	2.711		1.281		-		-		-	Continuing	Continuing	Continuing
Warfighter Operational Support / Wargames and Exercises - Government Travel & Training	Allot	MDA Headquarters : Colorado Springs, Huntsville, NCR	0.000	0.350		0.795		-		-		-	Continuing	Continuing	Continuing
Warfighter Operational Support / Wargames and Exercises - Support to MDA Leadership A&AS	C/CPFF	MiDAESS : Colorado Springs, Huntsville, NCR	4.506	0.978		3.755		-		-		-	Continuing	Continuing	Continuing

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Missile Defense Agency												Date: March 2014			
Appropriation/Budget Activity				R-1 Program Element (Number/Name)					Project (Number/Name)						
0400 / 4				PE 0603898C / Ballistic Missile Defense Joint Warfighter Support					MD03 / Joint Warfighter Support						
Support (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Warfighter Operational Support / Wargames and Exercises - Wargame Support	C/CPAF	JRDC/MIPR : Colorado Springs	0.000	1.278		4.149		-		-		-	Continuing	Continuing	Continuing
Strategic Warfighter Integration - Administrative HR	C/CPFF	MiDAESS : Colorado Springs NCR	0.359	0.208		0.350	Oct 2013	0.300	Oct 2014	-		0.300	Continuing	Continuing	Continuing
Strategic Warfighter Integration - Asset Management Server Maintenance	C/CPAF	JRDC : Colorado Springs, Huntsville	0.550	0.467		0.465	Nov 2013	0.800	Nov 2014	-		0.800	Continuing	Continuing	Continuing
Strategic Warfighter Integration - BMDS Training and Education/ MDST	C/CPAF	JRDC : Colorado Springs	5.000	6.239		0.497	Nov 2013	1.801	Nov 2014	-		1.801	Continuing	Continuing	Continuing
Strategic Warfighter Integration - Civilian Salaries/Operations Sustainment	Allot	MDA : Colorado Springs/Huntsville, NCR	11.680	3.828		4.300	Oct 2013	4.300	Oct 2014	-		4.300	Continuing	Continuing	Continuing
Strategic Warfighter Integration - Current Operations	C/CPAF	JRDC : Colorado Springs, NCR	2.121	3.847		3.000	Nov 2013	3.100	Nov 2014	-		3.100	Continuing	Continuing	Continuing
Strategic Warfighter Integration - Current Operations A&AS	C/CPFF	MiDAESS : Colorado Springs, Huntsville, NCR	1.800	1.748		1.910	Oct 2013	2.850	Oct 2014	-		2.850	Continuing	Continuing	Continuing
Strategic Warfighter Integration - Joint Staff and Service Interface	C/CPAF	MDA : Colorado Springs, Colorado	0.000	-		-		-		-		-	-	-	-
Strategic Warfighter Integration - Joint Staff and Service Interface A&AS	C/CPFF	MiDAESS : Colorado Springs, Huntsville, NCR	1.800	1.748		1.910	Oct 2013	0.950	Oct 2014	-		0.950	Continuing	Continuing	Continuing
Strategic Warfighter Integration - Training	C/CPFF	MiDAESS : Colorado Springs	0.700	0.404		0.450	Oct 2013	0.300	Oct 2014	-		0.300	Continuing	Continuing	Continuing

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Missile Defense Agency** **Date:** March 2014

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MD03 / <i>Joint Warfighter Support</i>
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<b>Support (\$ in Millions)</b>				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
and Education to the Warfighter															
Strategic Warfighter Integration - Travel and Training	Allot	MDA : Colorado Springs, Huntsville	0.211	0.165		0.255	Oct 2013	0.168	Oct 2014	-		0.168	Continuing	Continuing	Continuing
<b>Subtotal</b>			105.974	45.208		40.128		14.569		-		14.569	-	-	-

**Remarks**  
N/A

<b>Test and Evaluation (\$ in Millions)</b>				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
<b>Subtotal</b>			-	-		-		-		-		-	-	-	-

**Remarks**  
N/A

<b>Management Services (\$ in Millions)</b>				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
<b>Subtotal</b>			-	-		-		-		-		-	-	-	-

**Remarks**  
N/A

	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>	105.974	45.208	40.128	14.569	-	14.569	-	-	-

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2015 Missile Defense Agency							<b>Date:</b> March 2014		
<b>Appropriation/Budget Activity</b> 0400 / 4			<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>			<b>Project (Number/Name)</b> MD03 / <i>Joint Warfighter Support</i>			
	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>

**Remarks**  
 Funding in the All Prior Years column represents a summary of Prior Years Total Costs for active contracts, Military Interdepartmental Purchase Requests, and civilian salaries on the R-3.

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<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2015 Missile Defense Agency</b>		<b>Date:</b> March 2014
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MD03 / <i>Joint Warfighter Support</i>

Significant Event Complete ▲ Milestone Decision Complete ★ Element Test Complete ◆ System Level Test Complete ● Complete Activity ✦  
 Significant Event Planned △ Milestone Decision Planned ☆ Element Test Planned ◇ System Level Test Planned ○ Planned Activity ✧

	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
VIGILANT SHIELD 13 Exercise Event - 2013	▲																											
AIR MISSILE DEFENSE 13 CENTCOM Exercise 1 - 2013	▲																											
GLOBAL THUNDER 13 Event - 2013	▲																											
JOINT TACTICAL AIR PICTURE Event - 2013	▲																											
KEEN SWORD Exercise- 2013	▲																											
AUSTERE CHALLENGE - 2013	▲																											
BMDS WARGAME Event		▲																										
JOINT AIR DEFENSE Exercise Event 1 - 2013			▲																									
JOINT AIR DEFENSE Exercise Event 2 and 3 - 2013				▲																								
GLOBAL DEFENDER Exercise					▲																							
JOINT AIR DEFENSE Table Top Exercise Event 6 and 7 - 2013						▲																						
AIR MISSILE DEFENSE 13 EUCOM Exercise 2 - 2013							▲																					
GLOBAL LIGHTNING 13 Exercise Event PART A- 2013								▲																				
GLOBAL LIGHTNING 13 Exercise Planning PART B- 2013									▲																			
NIMBLE TITAN 13 Wargame Event - 2013										▲																		
KEEN EDGE 13 Exercise Planning- 2013											▲																	
PLANNING & EXERCISE Event - 2013												▲																
GLOBAL DEFENDER EXERCISE (GDEx 04e) Event - 2013													▲															
JOINT PROJECT OPTIC WINDMILL 2013														▲														
FLEET SYNTHETIC TRAINING Exercise - 2013															▲													
EAGLE RESOLVE 13 Exercise Event - 2013																▲												

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<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2015 Missile Defense Agency</b>		<b>Date:</b> March 2014
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MD03 / <i>Joint Warfighter Support</i>

Significant Event Complete ▲    Milestone Decision Complete ★    Element Test Complete ◆    System Level Test Complete ●    Complete Activity ✦  
 Significant Event Planned △    Milestone Decision Planned ☆    Element Test Planned ◇    System Level Test Planned ○    Planned Activity ☆

	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
ULCHI FREEDOM GUARD 13 Event - 2013				▲																								
NIMBLE FIRE Exercise - 2013				▲																								
KEY RESOLVE Planning Exercise - 2014				△																								
GLOBAL THUNDER 15 Exercise Planning - 2014				△																								
EUROPEAN AIR and MISSILE DEFENSE Exercise Alliance 14- 2014				△																								
GLOBAL LIGHTNING 14 Exercise Event - 2014				△																								
RAMSTEIN ALLIANCE EXERCISE - 2014				△																								
EAGLE RESOLVE Exercise 14 - 2014				△																								
NIMBLE TITAN Year 2 14 Wargame Event - 2014				△																								
VIGILANT SHIELD 15 Exercise Planning - 2014				△																								
MISSILE DEFENSE CONFERENCE Wargame Event - 2014				△																								
ULCHI FREEDOM GUARD 14 Event - 2014				△																								
AIR and MISSILE DEFENSE Exercise CENTCOM Event 1 - 2014				△																								
NIMBLE FIRE Exercise Event 3- 2014					△																							
NIMBLE FIRE Exercise Event 2 - 2014					△																							
FLEET SYNTHETIC TRAINING Exercise - 2014					△																							
BMDS WARGAME 2015 Event - 2014					△																							
JOINT AIR DEFENSE CENTCOM Exercise Event 2 - 2014					△																							
KEEN EDGE 14 Exercise Event - 2014					△																							
ARABIAN GULF SHIELD Exercise Event 2 - 2014					△																							

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**Exhibit R-4, RDT&E Schedule Profile: PB 2015 Missile Defense Agency** **Date:** March 2014

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MD03 / <i>Joint Warfighter Support</i>
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Significant Event Complete ▲ Milestone Decision Complete ★ Element Test Complete ◆ System Level Test Complete ● Complete Activity ✦  
 Significant Event Planned △ Milestone Decision Planned ☆ Element Test Planned ◇ System Level Test Planned ○ Planned Activity ☆

	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
AIR and MISSILE DEFENSE Exercise CENTCOM Event 2 - 2014								▲																				
JUNIPER COBRA 14 - 2014									☆	☆	☆	☆																
JOINT AIR DEFENSE CENTCOM Exercise Event 4 - 2014								▲																				
JOINT AIR DEFENSE CENTCOM Exercise Event 3 - 2014								▲																				
GDEx 06 Part 1								▲																				
JOINT AIR DEFENSE CENTCOM Exercise Event 5 - 2014												▲																
ARABIAN GULF SHIELD Exercise Event 3-2014								▲																				

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2015 Missile Defense Agency		<b>Date:</b> March 2014
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MD03 / <i>Joint Warfighter Support</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
VIGILANT SHIELD 13 Exercise Event - 2013	1	2013	1	2013
AIR MISSILE DEFENSE 13 CENTCOM Exercise 1 - 2013	1	2013	1	2013
GLOBAL THUNDER 13 Event - 2013	1	2013	1	2013
JOINT TACTICAL AIR PICTURE Event - 2013	1	2013	1	2013
KEEN SWORD Exercise- 2013	1	2013	1	2013
AUSTERE CHALLENGE - 2013	1	2013	1	2013
BMDS WARGAME Event	2	2013	2	2013
JOINT AIR DEFENSE Exercise Event 1 - 2013	2	2013	2	2013
JOINT AIR DEFENSE Exercise Event 2 and 3 - 2013	2	2013	2	2013
GLOBAL DEFENDER Exercise	3	2013	3	2013
JOINT AIR DEFENSE Table Top Exercise Event 6 and 7 - 2013	3	2013	3	2013
AIR MISSILE DEFENSE 13 EUCOM Exercise 2 - 2013	3	2013	3	2013
GLOBAL LIGHTNING 13 Exercise Event PART A- 2013	3	2013	3	2013
GLOBAL LIGHTNING 13 Exercise Planning PART B- 2013	3	2013	3	2013
NIMBLE TITAN 13 Wargame Event - 2013	3	2013	3	2013
KEEN EDGE 13 Exercise Planning - 2013	3	2013	3	2013
PLANNING & EXERCISE Event - 2013	3	2013	3	2013
GLOBAL DEFENDER EXERCISE (GDEx 04e) Event - 2013	3	2013	3	2013
JOINT PROJECT OPTIC WINDMILL 2013	3	2013	3	2013
FLEET SYNTHETIC TRAINING Exercise - 2013	3	2013	3	2013
EAGLE RESOLVE 13 Exercise Event - 2013	3	2013	3	2013
ULCHI FREEDOM GUARD 13 Event - 2013	4	2013	4	2013

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**Exhibit R-4A, RDT&E Schedule Details:** PB 2015 Missile Defense Agency **Date:** March 2014

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MD03 / <i>Joint Warfighter Support</i>
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Events	Start		End	
	Quarter	Year	Quarter	Year
NIMBLE FIRE Exercise - 2013	4	2013	4	2013
KEY RESOLVE Planning Exercise - 2014	1	2014	1	2014
GLOBAL THUNDER 15 Exercise Planning - 2014	1	2014	1	2014
EUROPEAN AIR and MISSILE DEFENSE Exercise Alliance 14- 2014	1	2014	1	2014
GLOBAL LIGHTNING 14 Exercise Event - 2014	1	2014	1	2014
RAMSTEIN ALLIANCE EXERCISE - 2014	1	2014	1	2014
EAGLE RESOLVE Exercise 14 - 2014	1	2014	1	2014
NIMBLE TITAN Year 2 14 Wargame Event - 2014	1	2014	1	2014
VIGILANT SHIELD 15 Exercise Planning - 2014	1	2014	1	2014
MISSILE DEFENSE CONFERENCE Wargame Event - 2014	1	2014	1	2014
ULCHI FREEDOM GUARD 14 Event - 2014	1	2014	1	2014
AIR and MISSILE DEFENSE Exercise CENTCOM Event 1 - 2014	1	2014	1	2014
NIMBLE FIRE Exercise Event 3- 2014	2	2014	2	2014
NIMBLE FIRE Exercise Event 2 - 2014	2	2014	2	2014
FLEET SYNTHETIC TRAINING Exercise - 2014	2	2014	2	2014
BMDS WARGAME 2015 Event - 2014	2	2014	2	2014
JOINT AIR DEFENSE CENTCOM Exercise Event 2 - 2014	2	2014	2	2014
KEEN EDGE 14 Exercise Event - 2014	2	2014	2	2014
ARABIAN GULF SHIELD Exercise Event 2 - 2014	2	2014	2	2014
AIR and MISSILE DEFENSE Exercise CENTCOM Event 2 - 2014	3	2014	3	2014
JUNIPER COBRA 14 - 2014	4	2014	3	2015
JOINT AIR DEFENSE CENTCOM Exercise Event 4 - 2014	3	2014	3	2014
JOINT AIR DEFENSE CENTCOM Exercise Event 3 - 2014	3	2014	3	2014
GDEx 06 Part 1	3	2014	3	2014
JOINT AIR DEFENSE CENTCOM Exercise Event 5 - 2014	4	2014	4	2014

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2015 Missile Defense Agency			<b>Date:</b> March 2014	
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MD03 / <i>Joint Warfighter Support</i>		

Events	Start		End	
	Quarter	Year	Quarter	Year
ARABIAN GULF SHIELD Exercise Event 3- 2014	4	2014	4	2014

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2015 Missile Defense Agency										<b>Date:</b> March 2014		
<b>Appropriation/Budget Activity</b> 0400 / 4					<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>				<b>Project (Number/Name)</b> MT03 / <i>Joint Warfighter Support Test</i>			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO #</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
MT03: <i>Joint Warfighter Support Test</i>	-	-	-	29.134	-	29.134	32.383	32.910	33.486	34.323	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

# The FY 2015 OCO Request will be submitted at a later date.

**Note**

Beginning in FY2015, Joint Warfighter Support Test transfers from Budget Project MD03 to Budget Project MT03.

**A. Mission Description and Budget Item Justification**

Joint Warfighter Support (MT03) is comprised of two primary responsibilities: Wargames and Exercises and Warfighter Operational Support

Wargames and Exercises:

- Support the Warfighter in planning and conducting worldwide Wargames and Exercises in support of the BMDS development and fielding.
- Enable the Warfighter to define, test, deploy, and employ new missile defense capabilities.
- Support Joint Functional Component Commander for Integrated Missile Defense (JFCC IMD) BMDS Table Top Exercises to facilitate the Global Missile Defense Capability and to refine the European Capability Concept of Operations through low fidelity demonstration modeling simulations and MDA coordination.
- Examine current and future BMDS operational capabilities for Geographical and Strategic (USNORTHCOM, USSTRATCOM) Combatant Commands.
- Complete test planning for BMDS Flight Test events as shown in Exhibit R-4 Schedule.

Warfighter Operational Support (Program Planning and Operations):

- Prepare MDA senior leadership for engagements with the Geographic Combatant Commands (GCCs) by providing logistical support to the GCC Assistants and to the Director (US Central Command, US European Command and US Pacific Command) by developing briefings for senior leader forums.
- Directly interface with the GCCs on Ballistic Missile Defense (BMD) operational issues by providing Planning and Analysis support and capturing/transmitting GCC Requests for Information and Request for Analysis (RFIs/RFAs).
- Support GCC Contingency Activation planning for real world contingencies and Theater Security Cooperation programs by supervising the activation of MDA Research, Development, Test, and Evaluation (RDT&E) assets for use in the Operational Ballistic Missile Defense System (BMDS).
- Facilitate GCC participation in the BMDS capability definition, design, development, integration, and delivery processes by serving as the key interface in the Warfighter Involvement Process (WIP) to assist synchronized capability delivery with operational readiness and acceptance.
- Provides Resource Management and Administration of Directorate's personnel and dollars.

**B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)**

	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>
<b>Title:</b> Wargames and Exercises	-	-	21.699

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2015 Missile Defense Agency		<b>Date:</b> March 2014
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MT03 / <i>Joint Warfighter Support Test</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>
<p align="right"><b>Articles:</b></p> <p><b>Description:</b> Beginning in FY2015, Joint Warfighter Support Test transfers from Budget Project MD03 to Budget Project MT03.</p> <p><b>FY 2013 Accomplishments:</b> N/A</p> <p><b>FY 2014 Plans:</b> N/A</p> <p><b>FY 2015 Plans:</b> Wargames and Exercises Planned Activities: -Provide feedback and support involvement in MDA's BMDS development process. -Support the Joint Functional Component Commander for Integrated Missile Defense (JFCC IMD) BMDS Table Top Exercise(s) to facilitate the Global Missile Defense Capability and refine the European Capability Concept of Operations through low fidelity demonstration modeling simulations and MDA coordination. -Develop Table Top evolutions to include future concepts (Early Intercept) and BMDS assets; conduct System Capability Reviews of new BMDS assets approaching the timeline to be fielded. -Conduct BMDS Table Top exercises with low fidelity demonstrations for our friends and allies, working with the MDA Deputy for International Programs and the Combatant Commanders. -Work with Program Offices and the Warfighter to establish Concepts of Operations that will support future MDA development. -Provide support for MDA and Component Command participants to attend BMD Wargames and Exercises. -Support travel requirements of the Directorate for Warfighter Interface Civilian and Military staff to attend various Exercises, Wargames, planning conferences and technology conferences. -Provide Contractor Technical Services Support in support of the Wargames and Exercises mission.</p>	-	-	-
<p><b>Title:</b> Program, Planning and Operations</p> <p align="right"><b>Articles:</b></p> <p><b>Description:</b> N/A</p> <p><b>FY 2013 Accomplishments:</b> N/A</p> <p><b>FY 2014 Plans:</b> N/A</p> <p><b>FY 2015 Plans:</b></p>	- -	- -	7.435 -

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2015 Missile Defense Agency		<b>Date:</b> March 2014
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MT03 / <i>Joint Warfighter Support Test</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>
<p>The Agency continues to make significant strides in Warfighter Operational support by increasing its focus on providing operational-level interface to the Geographic Combatant Commands and facilitating increased Warfighter participation in development of future missile defense capabilities. Several of the key Warfighter interface activities include:</p> <p>EUCOM Engagement:</p> <ul style="list-style-type: none"> <li>-In coordination with EUCOM, broaden PAA to address full range of EUCOM threats</li> <li>-Share operational information and educate allies to develop common operational procedures</li> <li>-Expand cooperation and influence acquisition decisions with NATO partners</li> <li>-Support BMD training and exercises with NATO partners</li> <li>-Support the EUCOM Assistant to the Director (ATD)/Liaison Officer (LNO) in preparation of their attendance at Technical Interchange meetings on the deployment of the BMDS in the EUCOM AOR.</li> <li>-Provide reach-back support to the EUCOM Assistant to the Director in all EUCOM activities requiring visibility by the MDA Director and Director for Test.</li> <li>-In coordination with MDA Global Deployment Program Office, assist with all planning and execution activities required for deployment of BMDS assets and components in the EUCOM AOR.</li> <li>-Provide all activities related to the planning and execution of a yearly Senior Leader Forum hosted by the MDA Director and EUCOM Deputy Commander at EUCOM HQ. Also plan and execute a quarterly tag-up between the DT and the EUCOM J-3.</li> </ul> <p>CENTCOM Engagement:</p> <ul style="list-style-type: none"> <li>-Coordinate MDA and CENTCOM Phased Adaptive Approach Planning activities.</li> <li>-Assist MDA and COCOM leadership in development of a regional partner data sharing system supporting CENTCOM regional IAMD architecture development</li> <li>-Support all potential BMDS FMS activities in the CENTCOM AOR</li> <li>-Support MDA leadership and the ATD/LNO in supporting GCC Strategic Cooperation Forum</li> <li>-Support all Cross-AOR Planning and Execution activities.</li> <li>-Provide all activities related to the planning and execution of a yearly Senior Leader Forum hosted by the MDA Director and CENTCOM Deputy Commander at EUCOM HQ. Also plan and execute a quarterly tag-up between the DT and the CENTCOM J-3.</li> </ul> <p>PACOM Engagement:</p> <ul style="list-style-type: none"> <li>-Assist MDA and PACOM Leadership in their efforts to broaden Phased Adaptive Approach planning to address a full range of PACOM threats and integration of allies into BMDS</li> <li>-Assist in the planning and execution of incorporating an additional AN/TPY-2 in the PACOM AOR</li> <li>-Integrate International partner sensors into the BMDS</li> </ul>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2015 Missile Defense Agency		<b>Date:</b> March 2014
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MT03 / <i>Joint Warfighter Support Test</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>
<ul style="list-style-type: none"> <li>-Share operational information and educate allies to develop common operational procedures</li> <li>-Expand international cooperation and influence acquisition decisions</li> <li>-Support BMD test, training, and exercises</li> </ul> <p>MDA Operations Support:</p> <ul style="list-style-type: none"> <li>-Support Operations Support Planning Team (OSPT) activation during heightened period of interest.</li> <li>-Support Warfighters, DOD Agencies, and Services in identifying desired Missile Defense capabilities and characteristics. Obtain Warfighter community participation and advice on desired operational features and approaches to system fielding throughout development.</li> <li>-Track analysis and response preparation for COCOM Requests for Action and Requests for Information (RFAs/RFIs).</li> <li>-Serve as the immediate link between the DT and the Geographic Combatant Commands on all Warfighter activities and requirements.</li> <li>-Prepare DT and other MDA senior leadership for attendance at Army, Navy and Air Force Board of Directors (BOD) meetings and Air and Missile Defense (AMD) General Officer Steering Committee (GOSC) meetings.</li> <li>-Coordinate MDA and GCC participation in the BMDS capability definition, design, development, integration.</li> <li>-Provide Resource Management and Administration of MT03 personnel and dollars.</li> <li>-Support and man the Huntsville Operation Center during surge operations and sustained 24 hour operations.</li> </ul>			
<b>Accomplishments/Planned Programs Subtotals</b>	-	-	29.134

**C. Other Program Funding Summary (\$ in Millions)**

N/A

**Remarks**

**D. Acquisition Strategy**

Missile Defense Agency will continue to enable effective delivery of Ballistic Missile Defense System capabilities to the Warfighter by ensuring their participation in the identification and development of new capabilities via the Warfighter Involvement Process.

**E. Performance Metrics**

N/A

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Missile Defense Agency** **Date:** March 2014

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MT03 / <i>Joint Warfighter Support Test</i>
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<b>Support (\$ in Millions)</b>				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Wargames and Exercises - Combatant Commanders (COCOM) Support	C/CPAF	JRDC/MIPR : Colorado Springs, Huntsville, NCR	0.000	-		-		15.527		-		15.527	Continuing	Continuing	Continuing
Wargames and Exercises - Wargame Support	C/CPAF	JRDC/MIPR : Colorado Springs	0.000	-		-		6.172		-		6.172	Continuing	Continuing	Continuing
Program, Planning and Operations - Civilian Salaries/Operations Sustainment	Allot	MDA : Colorado Springs, Huntsville, NCR	0.000	-		-		1.932		-		1.932	Continuing	Continuing	Continuing
Program, Planning and Operations - Combatant Commanders (COCOM) Support A&AS	C/CPFF	MiDAESS : Colorado Springs, Huntsville, NCR	0.000	-		-		1.242		-		1.242	Continuing	Continuing	Continuing
Program, Planning and Operations - Government Travel & Training	Allot	MDA : Colorado Springs, Huntsville, NCR	0.000	-		-		0.621		-		0.621	Continuing	Continuing	Continuing
Program, Planning and Operations - Support to MDA Leadership A&AS	C/CPFF	MiDAESS : Colorado Springs, Huntsville, NCR	0.000	-		-		3.640		-		3.640	Continuing	Continuing	Continuing
<b>Subtotal</b>			0.000	-		-		29.134		-		29.134	-	-	-

**Remarks**  
N/A

	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>	0.000	-	-	29.134	-	29.134	-	-	-

**Remarks**  
Prior year funding was captured in MD03 budget project.

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<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2015 Missile Defense Agency</b>		<b>Date:</b> March 2014
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MT03 / <i>Joint Warfighter Support Test</i>

Significant Event Complete ▲ Milestone Decision Complete ★ Element Test Complete ◆ System Level Test Complete ● Complete Activity ✦  
 Significant Event Planned △ Milestone Decision Planned ☆ Element Test Planned ◇ System Level Test Planned ○ Planned Activity ✧

	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
AIR and MISSILE DEFENSE 15 CENTCOM Exercise 1 - 2015										▲																		
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 1 - 2015										▲																		
RAMSTEIN ALLIANCE EXERCISE - 2015										▲																		
GLOBAL THUNDER 15 Exercise Event - 2015										▲																		
EUROPEAN AIR and MISSILE DEFENSE Exercise Alliance 15 - 2015										▲																		
EPOCH PLANEX 15 Exercise - 2015										▲																		
VIGILANT SHIELD 15 Exercise Event - 2015										▲																		
ARABIAN GULF SHIELD 15 Exercise Event 1 - 2015										▲																		
ULCHI FREEDOM GUARD 15 Event - 2015										▲																		
NIMBLE FIRE 15 Wargame Event 1 - 2015										▲																		
MISSILE DEFENSE CONFERENCE Wargame Event - 2015										▲																		
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 2 - 2015																												
KEEN SWORD 15 Exercise - 2015																												
ARABIAN GULF SHIELD 15 Exercise Event 2 - 2015																												
EAGLE RESOLVE 15 Exercise Event - 2015																												
NIMBLE FIRE 15 Wargame Event 2 - 2015																												
AIR and MISSILE DEFENSE 15 CENTCOM Exercise 2 - 2015																												
AUSTERE CHALLENGE 15 Exercise - 2015																												
KEEN EDGE 16 Exercise Event - 2016																												
BMDS WARGAME 2015 Event - 2015																												
NIMBLE FIRE 15 Wargame Event 3 - 2015																												

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<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2015 Missile Defense Agency</b>		<b>Date:</b> March 2014
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MT03 / <i>Joint Warfighter Support Test</i>

Significant Event Complete ▲ Milestone Decision Complete ★ Element Test Complete ◆ System Level Test Complete ● Complete Activity ✦  
 Significant Event Planned △ Milestone Decision Planned ☆ Element Test Planned ◇ System Level Test Planned ○ Planned Activity ✧

	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
GLOBAL LIGHTNING 15 Exercise Event - 2015											▲																	
GDEx 06 Part 2											▲																	
KEY RESOLVE 15 Exercise - 2015											▲																	
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 3 - 2015											▲																	
FLEET SYNTHETIC TRAINING Exercise - 2015											▲																	
ARABIAN GULF SHIELD 15 Exercise Event 3 - 2015											▲																	
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 4 - 2015											▲																	
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 5 - 2015												▲																
VIGILANT SHIELD 16 Exercise Event - 2016													▲															
GLOBAL THUNDER 16 Exercise Event - 2016													▲															
AIR and MISSILE DEFENSE 16 CENTCOM Exercise 1 - 2016													▲															
NIMBLE TITAN 16 Wargame Event 2 - 2016													▲															
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 1 - 2016													▲															
MISSILE DEFENSE CONFERENCE Wargame Event - 2016													▲															
NIMBLE TITAN 16 Wargame Event 1 - 2016													▲															
EUROPEAN AIR and MISSILE DEFENSE Exercise Alliance 15 - 2016													▲															
ARABIAN GULF SHIELD 16 Exercise Event 1 - 2016													▲															
ULCHI FREEDOM GUARD 16 Event - 2016													▲															

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<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2015 Missile Defense Agency</b>		<b>Date:</b> March 2014
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MT03 / <i>Joint Warfighter Support Test</i>

Significant Event Complete ▲ Milestone Decision Complete ★ Element Test Complete ◆ System Level Test Complete ● Complete Activity ✦  
 Significant Event Planned △ Milestone Decision Planned ☆ Element Test Planned ◇ System Level Test Planned ○ Planned Activity ✧

	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
NIMBLE FIRE 16 Wargame Event 1 - 2016													▲															
RAMSTEIN ALLIANCE EXERCISE - 2016													▲															
EAGLE RESOLVE 16 Exercise Event - 2016														▲														
ARABIAN GULF SHIELD 16 Exercise Event 2- 2016														▲														
NIMBLE FIRE 16 Wargame Event 2 - 2016														▲														
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 2 - 2016														▲														
JUNIPER COBRA 16 Exercise - 2016															✦	✦	✦	✦										
AIR and MISSILE DEFENSE 16 CENTCOM Exercise 2 - 2016															▲													
FLEET SYNTHETIC TRAINING Exercise - 2016															▲													
KEY RESOLVE 16 Exercise - 2016															▲													
NIMBLE FIRE 16 Wargame Event 3 - 2016															▲													
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 3 - 2016															▲													
TERMINAL FURY 16 Exercise - 2016															▲													
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 4 - 2016															▲													
ARABIAN GULF SHIELD 16 Exercise Event 3 - 2016															▲													
GDEx 07a																▲												
GLOBAL LIGHTNING 16 Exercise Event - 2016																▲												
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 5 - 2016																▲												
NIMBLE FIRE 17 Wargame Event 1 - 2017																												▲
ARABIAN GULF SHIELD 17 Exercise Event 1 - 2017																												▲

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<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2015 Missile Defense Agency</b>		<b>Date:</b> March 2014
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MT03 / <i>Joint Warfighter Support Test</i>

Significant Event Complete ▲ Milestone Decision Complete ★ Element Test Complete ◆ System Level Test Complete ● Complete Activity ✦  
 Significant Event Planned △ Milestone Decision Planned ☆ Element Test Planned ◇ System Level Test Planned ○ Planned Activity ✧

	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
ULCHI FREEDOM GUARD 17 Event - 2017																												
GLOBAL THUNDER 17 Exercise Event - 2017																												
RAMSTEIN ALLIANCE EXERCISE - 2017																												
EUROPEAN AIR and MISSILE DEFENSE Exercise Alliance 17 - 2017																												
EPOCH PLANEX 17 Exercise - 2017																												
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 1 - 2017																												
AIR and MISSILE DEFENSE 17 CENTCOM Exercise 1 - 2017																												
VIGILANT SHIELD 17 Exercise Event - 2017																												
MISSILE DEFENSE CONFERENCE Wargame Event - 2017																												
NIMBLE FIRE 17 Wargame Event 2 - 2017																												
ARABIAN GULF SHIELD 17 Exercise Event 2 - 2017																												
KEEN SWORD 17 Exercise - 2017																												
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 2 - 2017																												
BMDS Wargame 2017 Event - 2017																												
NIMBLE FIRE 17 Wargame Event 3 - 2017																												
EAGLE RESOLVE 17 Exercise Event - 2017																												
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 3 - 2017																												
GDEx 07b Part 1																												
AUSTERE CHALLENGE 17 Exercise - 2017																												
AIR and MISSILE DEFENSE 17 CENTCOM Exercise 2 - 2017																												

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<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2015 Missile Defense Agency</b>		<b>Date:</b> March 2014
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MT03 / <i>Joint Warfighter Support Test</i>

Significant Event Complete ▲ Milestone Decision Complete ★ Element Test Complete ◆ System Level Test Complete ● Complete Activity ✦  
 Significant Event Planned △ Milestone Decision Planned ☆ Element Test Planned ◇ System Level Test Planned ○ Planned Activity ✧

	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
JOINT AIR and MISSILE DEFENSE																												
CENTCOM Exercise Event 4 - 2017																												
FLEET SYNTHETIC TRAINING Exercise - 2017																												
ARABIAN GULF SHIELD 17 Exercise Event 3 - 2017																												
KEY RESOLVE 17 Exercise - 2017																												
TERMINAL FURY 17 Exercise - 2017																												
JOINT AIR and MISSILE DEFENSE																												
CENTCOM Exercise Event 5 - 2017																												
GLOBAL LIGHTNING 17 Exercise Event - 2017																												
AIR and MISSILE DEFENSE 18 CENTCOM Exercise 1 - 2018																												
EPOCH PLANEX 18 Exercise - 2018																												
MISSILE DEFENSE CONFERENCE Wargame Event - 2018																												
RAMSTEIN ALLIANCE EXERCISE - 2018																												
NIMBLE FIRE 18 Wargame Event 1 - 2018																												
VIGILANT SHIELD 18 Exercise Event - 2018																												
ULCHI FREEDOM GUARD 18 Event - 2018																												
JOINT AIR and MISSILE DEFENSE																												
CENTCOM Exercise Event 1 - 2018																												
EUROPEAN AIR and MISSILE DEFENSE Exercise Alliance 18 - 2018																												
GLOBAL THUNDER 18 Exercise Event - 2018																												
ARABIAN GULF SHIELD 18 Exercise Event 1 - 2018																												
NIMBLE FIRE 18 Wargame Event 2 - 2018																												

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<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2015 Missile Defense Agency</b>		<b>Date:</b> March 2014
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MT03 / <i>Joint Warfighter Support Test</i>

Significant Event Complete ▲ Milestone Decision Complete ★ Element Test Complete ◆ System Level Test Complete ● Complete Activity ✦  
 Significant Event Planned △ Milestone Decision Planned ☆ Element Test Planned ◇ System Level Test Planned ○ Planned Activity ✧

	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
ARABIAN GULF SHIELD 18 Exercise Event 2 - 2018																					▲							
EAGLE RESOLVE 18 Exercise Event - 2018																					▲							
KEEN EDGE 18 Exercise Event - 2018																					▲							
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 2 - 2018																					▲							
GDEx 07b Part 2																						▲						
AIR and MISSILE DEFENSE 18 CENTCOM Exercise 2 - 2018																						▲						
KEY RESOLVE 18 Exercise - 2018																						▲						
JUNIPER COBRA 18 Exercise - 2018																					✦	✦	✦	✦				
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 3 - 2018																						▲						
NIMBLE FIRE 18 Wargame Event 3- 2018																						▲						
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 4 - 2018																						▲						
FLEET SYNTHETIC TRAINING Exercise - 2018																						▲						
ARABIAN GULF SHIELD 18 Exercise Event 3 - 2018																						▲						
GLOBAL LIGHTNING 18 Exercise Event - 2018																							▲					
NIMBLE TITAN 18 Wargame Event 2 - 2018																							▲					
TERMINAL FURY 18 Exercise - 2018																							▲					
NIMBLE TITAN 18 Wargame Event 1 - 2018																							▲					
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 5 - 2018																							▲					
ULCHI FREEDOM GUARD 19 Event - 2019																								▲				





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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2015 Missile Defense Agency		<b>Date:</b> March 2014
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MT03 / <i>Joint Warfighter Support Test</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
AIR and MISSILE DEFENSE 15 CENTCOM Exercise 1 - 2015	1	2015	1	2015
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 1 - 2015	1	2015	1	2015
RAMSTEIN ALLIANCE EXERCISE - 2015	1	2015	1	2015
GLOBAL THUNDER 15 Exercise Event - 2015	1	2015	1	2015
EUROPEAN AIR and MISSILE DEFENSE Exercise Alliance 15 - 2015	1	2015	1	2015
EPOCH PLANEX 15 Exercise - 2015	1	2015	1	2015
VIGILANT SHIELD 15 Exercise Event - 2015	1	2015	1	2015
ARABIAN GULF SHIELD 15 Exercise Event 1 - 2015	1	2015	1	2015
ULCHI FREEDOM GUARD 15 Event - 2015	1	2015	1	2015
NIMBLE FIRE 15 Wargame Event 1 - 2015	1	2015	1	2015
MISSILE DEFENSE CONFERENCE Wargame Event - 2015	1	2015	1	2015
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 2 - 2015	2	2015	2	2015
KEEN SWORD 15 Exercise - 2015	2	2015	2	2015
ARABIAN GULF SHIELD 15 Exercise Event 2- 2015	2	2015	2	2015
EAGLE RESOLVE 15 Exercise Event - 2015	2	2015	2	2015
NIMBLE FIRE 15 Wargame Event 2 - 2015	2	2015	2	2015
AIR and MISSILE DEFENSE 15 CENTCOM Exercise 2 - 2015	2	2015	2	2015
AUSTERE CHALLENGE 15 Exercise - 2015	1	2015	4	2015
KEEN EDGE 16 Exercise Event - 2016	2	2015	2	2015
BMDS WARGAME 2015 Event - 2015	2	2015	2	2015
NIMBLE FIRE 15 Wargame Event 3 - 2015	3	2015	3	2015
GLOBAL LIGHTNING 15 Exercise Event - 2015	3	2015	3	2015

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**Exhibit R-4A, RDT&E Schedule Details:** PB 2015 Missile Defense Agency **Date:** March 2014

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MT03 / <i>Joint Warfighter Support Test</i>
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Events	Start		End	
	Quarter	Year	Quarter	Year
GDEx 06 Part 2	3	2015	3	2015
KEY RESOLVE 15 Exercise - 2015	3	2015	3	2015
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 3 - 2015	3	2015	3	2015
FLEET SYNTHETIC TRAINING Exercise - 2015	3	2015	3	2015
ARABIAN GULF SHIELD 15 Exercise Event 3 - 2015	3	2015	3	2015
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 4 - 2015	3	2015	3	2015
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 5 - 2015	4	2015	4	2015
VIGILANT SHIELD 16 Exercise Event - 2016	1	2016	1	2016
GLOBAL THUNDER 16 Exercise Event - 2016	1	2016	1	2016
AIR and MISSILE DEFENSE 16 CENTCOM Exercise 1 - 2016	1	2016	1	2016
NIMBLE TITAN 16 Wargame Event 2 - 2016	1	2016	1	2016
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 1 - 2016	1	2016	1	2016
MISSILE DEFENSE CONFERENCE Wargame Event - 2016	1	2016	1	2016
NIMBLE TITAN 16 Wargame Event 1 - 2016	1	2016	1	2016
EUROPEAN AIR and MISSILE DEFENSE Exercise Alliance 15 - 2016	1	2016	1	2016
ARABIAN GULF SHIELD 16 Exercise Event 1 - 2016	1	2016	1	2016
ULCHI FREEDOM GUARD 16 Event - 2016	1	2016	1	2016
NIMBLE FIRE 16 Wargame Event 1 - 2016	1	2016	1	2016
RAMSTEIN ALLIANCE EXERCISE - 2016	1	2016	1	2016
EAGLE RESOLVE 16 Exercise Event - 2016	2	2016	2	2016
ARABIAN GULF SHIELD 16 Exercise Event 2- 2016	2	2016	2	2016
NIMBLE FIRE 16 Wargame Event 2 - 2016	2	2016	2	2016
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 2 - 2016	2	2016	2	2016
JUNIPER COBRA 16 Exercise - 2016	1	2016	4	2016
AIR and MISSILE DEFENSE 16 CENTCOM Exercise 2 - 2016	3	2016	3	2016

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**Exhibit R-4A, RDT&E Schedule Details:** PB 2015 Missile Defense Agency **Date:** March 2014

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MT03 / <i>Joint Warfighter Support Test</i>
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Events	Start		End	
	Quarter	Year	Quarter	Year
FLEET SYNTHETIC TRAINING Exercise - 2016	3	2016	3	2016
KEY RESOLVE 16 Exercise - 2016	3	2016	3	2016
NIMBLE FIRE 16 Wargame Event 3 - 2016	3	2016	3	2016
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 3 - 2016	3	2016	3	2016
TERMINAL FURY 16 Exercise - 2016	3	2016	3	2016
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 4 - 2016	3	2016	3	2016
ARABIAN GULF SHIELD 16 Exercise Event 3 - 2016	3	2016	3	2016
GDEx 07a	4	2016	4	2016
GLOBAL LIGHTNING 16 Exercise Event - 2016	4	2016	4	2016
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 5 - 2016	4	2016	4	2016
NIMBLE FIRE 17 Wargame Event 1 - 2017	1	2017	1	2017
ARABIAN GULF SHIELD 17 Exercise Event 1 - 2017	1	2017	1	2017
ULCHI FREEDOM GUARD 17 Event - 2017	1	2017	1	2017
GLOBAL THUNDER 17 Exercise Event - 2017	1	2017	1	2017
RAMSTEIN ALLIANCE EXERCISE - 2017	1	2017	1	2017
EUROPEAN AIR and MISSILE DEFENSE Exercise Alliance 17 - 2017	1	2017	1	2017
EPOCH PLANEX 17 Exercise - 2017	1	2017	1	2017
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 1 - 2017	1	2017	1	2017
AIR and MISSILE DEFENSE 17 CENTCOM Exercise 1 - 2017	1	2017	1	2017
VIGILANT SHIELD 17 Exercise Event - 2017	1	2017	1	2017
MISSILE DEFENSE CONFERENCE Wargame Event - 2017	1	2017	1	2017
NIMBLE FIRE 17 Wargame Event 2 - 2017	2	2017	2	2017
ARABIAN GULF SHIELD 17 Exercise Event 2 - 2017	2	2017	2	2017
KEEN SWORD 17 Exercise - 2017	2	2017	2	2017
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 2 - 2017	2	2017	2	2017

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**Exhibit R-4A, RDT&E Schedule Details:** PB 2015 Missile Defense Agency **Date:** March 2014

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MT03 / <i>Joint Warfighter Support Test</i>
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Events	Start		End	
	Quarter	Year	Quarter	Year
BMD5 Wargame 2017 Event - 2017	2	2017	2	2017
NIMBLE FIRE 17 Wargame Event 3 - 2017	3	2017	3	2017
EAGLE RESOLVE 17 Exercise Event - 2017	3	2017	3	2017
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 3 - 2017	3	2017	3	2017
GDEx 07b Part 1	3	2017	3	2017
AUSTERE CHALLENGE 17 Exercise - 2017	1	2017	4	2017
AIR and MISSILE DEFENSE 17 CENTCOM Exercise 2 - 2017	3	2017	3	2017
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 4 - 2017	3	2017	3	2017
FLEET SYNTHETIC TRAINING Exercise - 2017	3	2017	3	2017
ARABIAN GULF SHIELD 17 Exercise Event 3 - 2017	3	2017	3	2017
KEY RESOLVE 17 Exercise - 2017	3	2017	3	2017
TERMINAL FURY 17 Exercise - 2017	4	2017	4	2017
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 5 - 2017	4	2017	4	2017
GLOBAL LIGHTNING 17 Exercise Event - 2017	4	2017	4	2017
AIR and MISSILE DEFENSE 18 CENTCOM Exercise 1 - 2018	1	2018	1	2018
EPOCH PLANEX 18 Exercise - 2018	1	2018	1	2018
MISSILE DEFENSE CONFERENCE Wargame Event - 2018	1	2018	1	2018
RAMSTEIN ALLIANCE EXERCISE - 2018	1	2018	1	2018
NIMBLE FIRE 18 Wargame Event 1 - 2018	1	2018	1	2018
VIGILANT SHIELD 18 Exercise Event - 2018	1	2018	1	2018
ULCHI FREEDOM GUARD 18 Event - 2018	1	2018	1	2018
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 1 - 2018	1	2018	1	2018
EUROPEAN AIR and MISSILE DEFENSE Exercise Alliance 18 - 2018	1	2018	1	2018
GLOBAL THUNDER 18 Exercise Event - 2018	1	2018	1	2018
ARABIAN GULF SHIELD 18 Exercise Event 1 - 2018	1	2018	1	2018

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**Exhibit R-4A, RDT&E Schedule Details:** PB 2015 Missile Defense Agency **Date:** March 2014

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MT03 / <i>Joint Warfighter Support Test</i>
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Events	Start		End	
	Quarter	Year	Quarter	Year
NIMBLE FIRE 18 Wargame Event 2 - 2018	2	2018	2	2018
ARABIAN GULF SHIELD 18 Exercise Event 2 - 2018	2	2018	2	2018
EAGLE RESOLVE 18 Exercise Event - 2018	2	2018	2	2018
KEEN EDGE 18 Exercise Event - 2018	2	2018	2	2018
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 2 - 2018	2	2018	2	2018
GDEx 07b Part 2	3	2018	3	2018
AIR and MISSILE DEFENSE 18 CENTCOM Exercise 2 - 2018	3	2018	3	2018
KEY RESOLVE 18 Exercise - 2018	3	2018	3	2018
JUNIPER COBRA 18 Exercise - 2018	1	2018	4	2018
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 3 - 2018	3	2018	3	2018
NIMBLE FIRE 18 Wargame Event 3- 2018	3	2018	3	2018
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 4 - 2018	3	2018	3	2018
FLEET SYNTHETIC TRAINING Exercise - 2018	3	2018	3	2018
ARABIAN GULF SHIELD 18 Exercise Event 3 - 2018	3	2018	3	2018
GLOBAL LIGHTNING 18 Exercise Event - 2018	4	2018	4	2018
NIMBLE TITAN 18 Wargame Event 2 - 2018	4	2018	4	2018
TERMINAL FURY 18 Exercise - 2018	4	2018	4	2018
NIMBLE TITAN 18 Wargame Event 1 - 2018	4	2018	4	2018
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 5 - 2018	4	2018	4	2018
ULCHI FREEDOM GUARD 19 Event - 2019	1	2019	1	2019
GLOBAL THUNDER 19 Exercise Event - 2019	1	2019	1	2019
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 1- 2019	1	2019	1	2019
MISSILE DEFENSE CONFERENCE Wargame Event - 2019	1	2019	1	2019
EPOCH PLANEX 19 Exercise - 2019	1	2019	1	2019
ARABIAN GULF SHIELD 19 Exercise Event 1 - 2019	1	2019	1	2019

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**Exhibit R-4A, RDT&E Schedule Details:** PB 2015 Missile Defense Agency **Date:** March 2014

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MT03 / <i>Joint Warfighter Support Test</i>
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Events	Start		End	
	Quarter	Year	Quarter	Year
RAMSTEIN ALLIANCE EXERCISE - 2019	1	2019	1	2019
EUROPEAN AIR and MISSILE DEFENSE Exercise Alliance 19 - 2019	1	2019	1	2019
NIMBLE FIRE 19 Wargame Event 1 - 2019	1	2019	1	2019
AIR and MISSILE DEFENSE 19 CENTCOM Exercise 1 - 2019	1	2019	1	2019
VIGILANT SHIELD 19 Exercise Event - 2019	1	2019	1	2019
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 2- 2019	2	2019	2	2019
EAGLE RESOLVE 19 Exercise Event - 2019	2	2019	2	2019
ARABIAN GULF SHIELD 19 Exercise Event 2 - 2019	2	2019	2	2019
NIMBLE FIRE 19 Wargame Event 2 - 2019	2	2019	2	2019
KEEN SWORD 19 Exercise - 2019	2	2019	2	2019
BMDS WARGAME 2019 Event - 2019	2	2019	2	2019
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 4- 2019	3	2019	3	2019
KEY RESOLVE 19 Exercise - 2019	3	2019	3	2019
AIR and MISSILE DEFENSE 19 CENTCOM Exercise 2- 2019	3	2019	3	2019
ARABIAN GULF SHIELD 19 Exercise Event 3 - 2019	3	2019	3	2019
AUSTERE CHALLENGE 19 Exercise - 2019	1	2019	4	2019
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 3- 2019	3	2019	3	2019
GDEx 08 Part 1	3	2019	3	2019
NIMBLE FIRE 19 Wargame Event 3 - 2019	3	2019	3	2019
FLEET SYNTHETIC TRAINING Exercise - 2019	3	2019	3	2019
GLOBAL LIGHTNING 19 Exercise Event - 2019	4	2019	4	2019
TERMINAL FURY 19 Exercise - 2019	4	2019	4	2019
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 5 - 2019	4	2019	4	2019
MISSILE DEFENSE CONFERENCE Wargame Event - 2020	1	2020	1	2020
EUROPEAN AIR and MISSILE DEFENSE Exercise Alliance 20- 2020	1	2020	1	2020

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**Exhibit R-4A, RDT&E Schedule Details:** PB 2015 Missile Defense Agency **Date:** March 2014

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MT03 / <i>Joint Warfighter Support Test</i>
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Events	Start		End	
	Quarter	Year	Quarter	Year
EPOCH PLANEX 20 Exercise - 2020	1	2020	1	2020
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 1 - 2020	1	2020	1	2020
GLOBAL THUNDER 20 Exercise Event - 2020	1	2020	1	2020
RAMSTEIN ALLIANCE EXERCISE - 2020	1	2020	1	2020
ARABIAN GULF SHIELD 20 Exercise Event 1 - 2020	1	2020	1	2020
ULCHI FREEDOM GUARD 20 Event - 2020	1	2020	1	2020
NIMBLE FIRE 20 Wargame Event 1 - 2020	1	2020	1	2020
VIGILANT SHIELD 20 Exercise Event - 2020	1	2020	1	2020
EAGLE RESOLVE 20 Exercise Event - 2020	2	2020	2	2020
KEEN EDGE 20 Exercise Event - 2020	2	2020	2	2020
NIMBLE FIRE 20 Wargame Event 2 - 2020	2	2020	2	2020
ARABIAN GULF SHIELD 20 Exercise Event 2 - 2020	2	2020	2	2020
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 2 - 2020	2	2020	2	2020
KEY RESOLVE 20 Exercise - 2020	3	2020	3	2020
JUNIPER COBRA 20 Exercise - 2020	1	2020	4	2020
GDEx 08 Part 2	3	2020	3	2020
NIMBLE FIRE 20 Wargame Event 3 - 2020	3	2020	3	2020
ARABIAN GULF SHIELD 20 Exercise Event 3 - 2020	3	2020	3	2020
FLEET SYNTHETIC TRAINING Exercise - 2020	3	2020	3	2020
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 3 - 2020	3	2020	3	2020
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 4 - 2020	3	2020	3	2020
NIMBLE TITAN 20 Wargame Event 1 - 2020	4	2020	4	2020
NIMBLE TITAN 20 Wargame Event 2- 2020	4	2020	4	2020
GLOBAL LIGHTNING 20 Exercise Event - 2020	3	2020	3	2020
JOINT AIR and MISSILE DEFENSE CENTCOM Exercise Event 5 - 2020	4	2020	4	2020

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2015 Missile Defense Agency			<b>Date:</b> March 2014	
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MT03 / <i>Joint Warfighter Support Test</i>		

Events	Start		End	
	Quarter	Year	Quarter	Year
TERMINAL FURY 20 Exercise - 2020	4	2020	4	2020

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**Exhibit R-2A, RDT&E Project Justification:** PB 2015 Missile Defense Agency **Date:** March 2014

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MD40 / <i>Program-Wide Support</i>
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COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
MD40: <i>Program-Wide Support</i>	1.630	2.502	2.491	2.684	-	2.684	3.092	3.357	3.696	4.017	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

# The FY 2015 OCO Request will be submitted at a later date.

**Note**

N/A

**A. Mission Description and Budget Item Justification**

Program-Wide Support (PWS) contains non-headquarters management costs in support of Missile Defense Agency (MDA) functions and activities across the entire Ballistic Missile Defense System (BMDS). It includes Government Civilians, Contract Support Service, and Federally Funded Research and Development Center (FFRDC) providing integrity and oversight of the BMDS as well as, supporting MDA in enabling the development and evaluation of technologies that will respond to the changing threat. In addition, includes Global Deployment personnel and support performing deployment site preparation and activation. Other costs included provide facility capabilities for MDA Executing Agent locations, such as physical and technical security, legal services, travel and agency training, office and equipment leases, utilities, data and unified communications support, supplies and maintenance, materiel and readiness and central property management of equipment, and similar operating expenses. Also includes legal settlements. In keeping with congressional intent, Program Wide Support is allocated on a pro-rata basis and therefore, fluctuates by year based on the total MDA budget.

**B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)**

	FY 2013	FY 2014	FY 2015
<b>Title:</b> Program Wide Support	2.502	2.491	2.684
<b>Articles:</b>	-	-	-
<b>Description:</b> N/A			
<b>FY 2013 Accomplishments:</b> See paragraph A: Mission Description and Budget Item Justification			
<b>FY 2014 Plans:</b> See paragraph A: Mission Description and Budget Item Justification			
<b>FY 2015 Plans:</b> See paragraph A: Mission Description and Budget Item Justification			
<b>Accomplishments/Planned Programs Subtotals</b>	2.502	2.491	2.684

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2015 Missile Defense Agency		<b>Date:</b> March 2014
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MD40 / <i>Program-Wide Support</i>

**C. Other Program Funding Summary (\$ in Millions)**  
N/A

**Remarks**

**D. Acquisition Strategy**  
N/A

**E. Performance Metrics**  
N/A

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**Exhibit R-3, RDT&E Project Cost Analysis:** PB 2015 Missile Defense Agency **Date:** March 2014

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603898C / <i>Ballistic Missile Defense Joint Warfighter Support</i>	<b>Project (Number/Name)</b> MD40 / <i>Program-Wide Support</i>
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<b>Support (\$ in Millions)</b>				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Program Wide Support - Agency Operations Management	Allot	Various Multi: AL, CO, CA, VA : Various	0.000	-		0.100		0.212	May 2015	-		0.212	Continuing	Continuing	Continuing
Program Wide Support - Agency Operations and Support Services	C/CPFF	ALATEC , INC. : AL, CO, VA	1.630	2.502		1.411	Oct 2013	1.494	Nov 2014	-		1.494	Continuing	Continuing	Continuing
Program Wide Support - Agency Operations and Support, International, and Materiel and Readiness	MIPR	Naval Surface Warfare Center; VA, AL : Various	0.000	-		0.240		0.242	Nov 2014	-		0.242	Continuing	Continuing	Continuing
Program Wide Support - FFRDC/UARC	C/CPAF	Various : Multi: AL, VA	0.000	-		0.740		0.736		-		0.736	Continuing	Continuing	Continuing
<b>Subtotal</b>			1.630	2.502		2.491		2.684		-		2.684	-	-	-

**Remarks**  
N/A

	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>	1.630	2.502	2.491	2.684	-	2.684	-	-	-

**Remarks**  
N/A