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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Missile Defense Agency										Date: February 2015		
Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 4: Advanced Component Development & Prototypes (ACD&P)					R-1 Program Element (Number/Name) PE 0604879C I Ballistic Missile Defense Sensor Test							
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
Total Program Element	-	-	71.309	86.764	-	86.764	104.271	93.310	102.736	106.377	Continuing	Continuing
MT11: BMDS Radars Test	-	-	71.309	82.949	-	82.949	99.341	88.531	97.263	100.614	Continuing	Continuing
MD40: Program Wide Support	-	-	-	3.815	-	3.815	4.930	4.779	5.473	5.763	Continuing	Continuing
Program MDAP/MAIS Code: 362												
Note Beginning in FY15, funding was realigned to the Ballistic Missile Defense Sensors Test Program Element 0604879C, Project MT11 from Ballistic Missile Defense Sensors Program Element 0603884C, Project MT11.												
A. Mission Description and Budget Item Justification MDA Sensors executes a robust test program that includes flight and ground tests to support both strategic and regional BMDS capabilities against medium- and long-range threats. The Sensors elements of the Ballistic Missile Defense System (BMDS) Integrated Master Test Plan (IMTP) are intended to demonstrate the integrated missile defense capabilities under development and ensure the capabilities delivered to the Warfighter are operationally effective, suitable, and survivable. The Sensors Test Program Element specifically includes the planning, execution, and analysis of flight and ground tests and the associated infrastructure. The Sensors test program (FY 2013-2015) supports EPAA Phase II Robust Medium Range Ballistic Missile (MRBM) Defense, Discrimination Improvements for Homeland Defense and supports the IMTP for Operational Test and Evaluation of regional and strategic BMDS that will be fielded at the end of calendar year 2015. Refer to R-4 for specific test events. The Sensors test program (FY 2016-2018) supports EPAA Phase III Robust Long Range Ballistic Missile (IRBM)Defense, Enhanced Homeland Defense and supports the IMTP for Operational Test and Evaluation of the regional and strategic BMDS architecture that will be fielded at the end of Calendar Year 2018 (CY 2018). Refer to R-4 for specific test events. MD40 Program-Wide Support (PWS) consists of essential non-headquarters management efforts providing integrated and efficient support to the MDA functions and activities across the entire Ballistic Missile Defense System (BMDS).												

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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Missile Defense Agency	Date: February 2015
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Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide / BA 4: Advanced Component Development & Prototypes (ACD&P)</i>	R-1 Program Element (Number/Name) PE 0604879C / <i>Ballistic Missile Defense Sensor Test</i>
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B. Program Change Summary (\$ in Millions)	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016 Base</u>	<u>FY 2016 OCO</u>	<u>FY 2016 Total</u>
Previous President's Budget	-	-	-	-	-
Current President's Budget	-	71.309	86.764	-	86.764
Total Adjustments	-	71.309	86.764	-	86.764
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	71.309			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustment	-	-	86.764	-	86.764

Change Summary Explanation

FY 2015 and 2016 changes reflect Public Law 113-235, FY2015 Omnibus; Consolidated and Further Continuing Appropriations Act which realigned funds to the Ballistic Missile Defense Sensors Test Program Element 0604879C, Project MT11 from Ballistic Missile Defense Sensors Program Element 0603884C, Project MT11.

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Missile Defense Agency										Date: February 2015		
Appropriation/Budget Activity 0400 / 4					R-1 Program Element (Number/Name) PE 0604879C / Ballistic Missile Defense Sensor Test				Project (Number/Name) MT11 / BMDS Radars Test			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
MT11: BMDS Radars Test	-	-	71.309	82.949	-	82.949	99.341	88.531	97.263	100.614	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
Note												
Beginning in FY15, funding was realigned to the Ballistic Missile Defense Sensors Test Program Element 0604879C, Project MT11 from Ballistic Missile Defense Sensors Program Element 0603884C, Project MT11.												
The MT11 R-4/4A depicts only test events for which Sensors participation is planned. For a full listing of Ballistic Missile Defense System (BMDS) test events, see the R-4/4A in the BMDS Test and Evaluation Program Element (0603914C).												
A. Mission Description and Budget Item Justification												
Activities in this project include:												
- Planning, analysis, and execution of BMDS flight test events, including pre- and post-test ground testing, such as Digital and Hardware-in-the-Loop (HWIL) Pre-Mission Tests (PMTs) and Post-Flight Reconstruction (PFR)												
- Planning, analysis, and execution of BMDS system ground tests												
- Test infrastructure funding, including HWIL labs and personnel required to maintain a flight and ground test capability.												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)									FY 2014	FY 2015	FY 2016	
Title: Flight Test Execution									-	-	37.518	
									Articles: -	-	-	
Description: N/A												
FY 2014 Accomplishments: N/A												
FY 2015 Plans: N/A												
FY 2016 Plans: -Plan and execute Sensors participation in BMDS Flight Tests in accordance with the BMDS Integrated Master Test Plan (IMTP)												
Title: Ground Test Execution									-	-	24.592	
Description: N/A									Articles: -	-	-	

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Missile Defense Agency		Date: February 2015		
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604879C / Ballistic Missile Defense Sensor Test	Project (Number/Name) MT11 / BMDS Radars Test		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2014	FY 2015	FY 2016
FY 2014 Accomplishments: N/A				
FY 2015 Plans: N/A				
FY 2016 Plans: -Plan and execute Sensors participation in BMDS Ground Tests in accordance with the BMDS Integrated Master Test Plan (IMTP)				
Title: Test Resources		-	-	20.839
Articles:		-	-	-
Description: N/A				
FY 2014 Accomplishments: N/A				
FY 2015 Plans: N/A				
FY 2016 Plans: - Transferred from Element Test and Infrastructure accomplishment in FY 2016 -Continue to configure and maintain Sensors HWILs for use in Ground Test Execution (BMDS and element developmental testing) -Continue to configure and maintain Sensors HWILs for use in BMDS Flight Tests Execution Pre-Mission Testing -Continue to support evolving Single Stimulation Framework (SSF) (software upgrades) integration into the BMDS HWIL Ground Test Execution and Flight Test Execution Infrastructure				
Title: Ballistic Missile Defense System (BMDS) Level Testing		-	51.915	-
Articles:		-	-	-
Description: N/A				
FY 2014 Accomplishments: N/A				
FY 2015 Plans: -Plan and execute Sensors participation in BMDS Ground Tests in accordance with the BMDS Integrated Master Test Plan (IMTP)				

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Missile Defense Agency									Date: February 2015		
Appropriation/Budget Activity 0400 / 4				R-1 Program Element (Number/Name) PE 0604879C / Ballistic Missile Defense Sensor Test				Project (Number/Name) MT11 / BMDS Radars Test			
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)									FY 2014	FY 2015	FY 2016
-Plan and execute Sensors participation in BMDS Flight Tests in accordance with the BMDS IMTP											
FY 2016 Plans: -FY 2016 Plans transferred to Flight Test Execution accomplishments and Ground Test Execution accomplishments											
Title: Element Test and Infrastructure									-	19.394	-
Articles:									-	-	-
Description: N/A											
FY 2014 Accomplishments: N/A											
FY 2015 Plans: -Continue to configure and maintain Sensors HWILs for use in BMDS Ground Tests and element-level ground tests -Continue to configure and maintain Sensors HWILs for use in BMDS Flight Tests System Pre-Mission Testing -Continue to support evolving Single Stimulation Framework (SSF) (software upgrades) integration into the BMDS HWIL Ground Test Infrastructure											
FY 2016 Plans: -FY 2016 plans transferred to Test Resources accomplishment											
Accomplishments/Planned Programs Subtotals									-	71.309	82.949
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
• 0603179C: Advanced C4ISR	35.421	13.284	9.876	-	9.876	3.723	-	-	-	-	62.304
• 0603884C: Ballistic Missile Defense Sensors	340.391	270.901	233.588	-	233.588	228.437	142.363	140.740	141.733	Continuing	Continuing
• 0603896C: Ballistic Missile Defense Command and Control, Battle Management & Communication	390.207	428.277	450.085	-	450.085	461.759	423.843	442.926	460.112	Continuing	Continuing
• 0603898C: Ballistic Missile Defense Joint Warfighter Support	41.051	46.387	49.570	-	49.570	50.533	51.363	52.217	54.247	Continuing	Continuing

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Missile Defense Agency										Date: February 2015	
Appropriation/Budget Activity 0400 / 4				R-1 Program Element (Number/Name) PE 0604879C / <i>Ballistic Missile Defense Sensor Test</i>				Project (Number/Name) MT11 / <i>BMDs Radars Test</i>			
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
• 0603904C: <i>Missile Defense Integration and Operations Center (MDIOC)</i>	50.271	58.503	49.211	-	49.211	58.074	53.655	55.194	57.162	Continuing	Continuing
• 0603907C: <i>Sea Based X-Band Radar (SBX)</i>	70.336	64.409	72.866	-	72.866	71.267	75.760	72.319	87.058	Continuing	Continuing
• 0603914C: <i>Ballistic Missile Defense Test</i>	342.695	366.302	274.323	-	274.323	298.390	345.333	330.404	350.747	Continuing	Continuing
• 0604873C: <i>Long Range Discrimination Radar (LRDR)</i>	-	50.500	137.564	-	137.564	154.327	147.562	132.905	77.679	Continuing	Continuing
• 13999903: <i>Planning and Design, Defense Wide</i>	10.891	38.704	-	-	-	8.233	8.397	8.525	8.822	Continuing	Continuing
• D1400634: <i>Upgrade Early Warning Radar (UEWR), Clear AFS, AK</i>	17.204	-	-	-	-	-	-	-	-	-	17.204
Remarks											
D. Acquisition Strategy											
Test & Evaluation projects use multiple existing development contracts depending on the system(s) involved in the testing.											
E. Performance Metrics											
N/A											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Missile Defense Agency												Date: February 2015			
Appropriation/Budget Activity 0400 / 4						R-1 Program Element (Number/Name) PE 0604879C / Ballistic Missile Defense Sensor Test				Project (Number/Name) MT11 / BMDS Radars Test					
Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
Subtotal			-	-		-		-		-		-	-	-	-
Remarks N/A															
Test and Evaluation (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
Flight Test Execution - AN/TPY-2 & SBX FT	SS/CPFF	Raytheon : MA	0.000	-		-		24.593	Nov 2015	-		24.593	Continuing	Continuing	Continuing
Flight Test Execution - FT Security, Site Activation & Deployments	Various	Various : HI, CO, AL	0.000	-		-		10.559	Nov 2015	-		10.559	Continuing	Continuing	Continuing
Flight Test Execution - UEWR/CD FT	C/FPIF	deciBel : AL	0.000	-		-		2.366	Nov 2015	-		2.366	Continuing	Continuing	Continuing
Ground Test Execution - AN/TPY-2 & SBX GT	SS/CPFF	Raytheon : MA	0.000	-		-		12.507	Nov 2015	-		12.507	Continuing	Continuing	Continuing
Ground Test Execution - UEWR/CD GT	C/FPIF	deciBel : AL	0.000	-		-		12.085	Nov 2015	-		12.085	Continuing	Continuing	Continuing
Test Resources - AN/TPY-2 & SBX SSF Integration & Infrastructure, Sys Test Lab	SS/CPFF	Raytheon : MA	0.000	-		-		16.190	Nov 2015	-		16.190	Continuing	Continuing	Continuing
Test Resources - UEWR SSF Integration & Infrastructure, Sys Test Lab	C/FPIF	deciBel : AL	0.000	-		-		4.649	Nov 2015	-		4.649	Continuing	Continuing	Continuing
Ballistic Missile Defense System (BMDS) Level Testing - AN/TPY-2 & SBX FT & GT	SS/CPAF	Raytheon : MA	0.000	-		39.648	Nov 2014	-		-		-	-	39.648	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Missile Defense Agency												Date: February 2015			
Appropriation/Budget Activity 0400 / 4						R-1 Program Element (Number/Name) PE 0604879C / <i>Ballistic Missile Defense Sensor Test</i>				Project (Number/Name) MT11 / <i>BMDs Radars Test</i>					

Test and Evaluation (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
Ballistic Missile Defense System (BMDs) Level Testing - UEWR/CD FT & GT	C/FPIF	deciBel : MA/AL	0.000	-		12.267	Nov 2014	-		-		-	-	12.267	-
Element Test and Infrastructure - TPY-2 & SBX SSF Integration & Infrastructure, Sys Test Lab	SS/CPAF	Raytheon : MA	0.000	-		14.805	Nov 2014	-		-		-	-	14.805	-
Element Test and Infrastructure - UEWR SSF Integration & Infrastructure, Sys Test Lab	C/CPIF	Raytheon, deciBel : AL/MA	0.000	-		4.589	Nov 2014	-		-		-	-	4.589	-
Subtotal			0.000	-		71.309		82.949		-		82.949	-	-	-
Remarks N/A															

	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	-	71.309	82.949	-	82.949	-	-	-
Remarks N/A									

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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Missile Defense Agency

Date: February 2015

Appropriation/Budget Activity

0400 / 4

R-1 Program Element (Number/Name)

PE 0604879C / Ballistic Missile Defense
Sensor Test

Project (Number/Name)











MT11 / BMDS Radars Test

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

	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
	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
FTX-20 (AEGIS 5.0 Target Only Flight Test)					△																							
GTD-04e Part 2 (BMDS Ground Test)					✦	✦																						
GTI-06 Part 1 (BMDS Ground Test)							✦																					
FTO-02 E1 (OTA Intercept Flight Test)							△																					
GTI-06 Part 3 (BMDS Ground Test)							△																					
GTI-06 Part 1 (BMDS Ground Test)							✦																					
FTT-18 (TH Intercept Flight Test)								△																				
FTO-02 E2 (OTA Intercept Flight Test)								△																				
GTD-06 Part 1a (BMDS Ground Test)									✦																			
GM CTV-02+ (GM Flight Test)										△																		
FTX-21 (AEGIS SBT Target Only Flight Test)											△																	
GTI-06 Part 2 (BMDS Ground Test)											✦																	
GTI-ISR (BMDS Ground Test)											✦																	
FTG-15 (GM Intercept Flight Test)												△																
Israeli Cooperative Intercept Flight Test - FY 2017														✦	✦	✦	✦											
GTI-07a (BMDS Ground Test)															✦													
FTT-15 (TH Intercept Flight Test)																△												
FTX-22 (SN Target Only Flight Test)																	△											
GTD-07a Part 1 (BMDS Ground Test)																		✦										
GTD-07a Part 2 (BMDS Ground Test)																			✦	✦								
FTG-11 (GM Salvo Intercept Flight Test)																				△								
GTX-07b (BMDS Ground Test)																					✦							
GM CTV-03 (GM Flight Test)																							△					
FTO-03 E1 (OTA Intercept Flight Test)																						△						
GTI-07b (BMDS Ground Test)																						✦	✦					
GTD-07b Part 2 (BMDS Ground Test)																								✦				
FTO-03 E2 (OTA Intercept Flight Test)																									△			
GTD-07b Part 1 (BMDS Ground Test)																										✦		
FTG-17 (GM Intercept Flight Test)																											△	
GTX-08 Part 1 (BMDS Ground Test)																											✦	

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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Missile Defense Agency			Date: February 2015		
Appropriation/Budget Activity 0400 / 4		R-1 Program Element (Number/Name) PE 0604879C / <i>Ballistic Missile Defense Sensor Test</i>		Project (Number/Name) MT11 / <i>BMDS Radars 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 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
	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
FTM-35 (AEGIS 5.1 Intercept Flight Test)																												
FTT-19 (TH Intercept Flight Test)																												
GTX-08 Part 2 (BMDS Ground Test)																												
GTI-08 (BMDS Ground Test)																												
FTG-13 (GM Intercept Flight Test)																												
FTO-04 (OTA Intercept Flight Test)																												
FTX-26 (SN Target Only Flight Test)																												
FTT-16 (TH Intercept Flight Test)																												
GTD-08 Part 1 (BMDS Ground Test)																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2016 Missile Defense Agency			Date: February 2015
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604879C / <i>Ballistic Missile Defense Sensor Test</i>	Project (Number/Name) MT11 / <i>BMDS Radars Test</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
FTX-20 (AEGIS 5.0 Target Only Flight Test)	1	2015	1	2015
GTD-04e Part 2 (BMDS Ground Test)	1	2015	2	2015
GTI-06 Part 1 (BMDS Ground Test)	3	2015	3	2015
FTO-02 E1 (OTA Intercept Flight Test)	3	2015	3	2015
GTI-06 Part 3 (BMDS Ground Test)	3	2015	3	2015
GTI-06 Part 1 (BMDS Ground Test)	3	2015	3	2015
FTT-18 (TH Intercept Flight Test)	4	2015	4	2015
FTO-02 E2 (OTA Intercept Flight Test)	4	2015	4	2015
GTD-06 Part 1a (BMDS Ground Test)	1	2016	1	2016
GM CTV-02+ (GM Flight Test)	1	2016	1	2016
FTX-21 (AEGIS SBT Target Only Flight Test)	3	2016	3	2016
GTI-06 Part 2 (BMDS Ground Test)	3	2016	3	2016
GTI-ISR (BMDS Ground Test)	3	2016	3	2016
FTG-15 (GM Intercept Flight Test)	4	2016	4	2016
Israeli Cooperative Intercept Flight Test - FY 2017	1	2017	4	2017
GTI-07a (BMDS Ground Test)	2	2017	2	2017
FTT-15 (TH Intercept Flight Test)	2	2017	2	2017
FTX-22 (SN Target Only Flight Test)	3	2017	3	2017
GTD-07a Part 1 (BMDS Ground Test)	3	2017	3	2017
GTD-07a Part 2 (BMDS Ground Test)	3	2017	4	2017
FTG-11 (GM Salvo Intercept Flight Test)	4	2017	4	2017
GTX-07b (BMDS Ground Test)	1	2018	1	2018

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Exhibit R-4A, RDT&E Schedule Details: PB 2016 Missile Defense Agency			Date: February 2015	
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604879C / Ballistic Missile Defense Sensor Test		Project (Number/Name) MT11 / BMDS Radars Test	
	Start		End	
Events	Quarter	Year	Quarter	Year
GM CTV-03 (GM Flight Test)	3	2018	3	2018
FTO-03 E1 (OTA Intercept Flight Test)	3	2018	3	2018
GTI-07b (BMDS Ground Test)	3	2018	4	2018
GTD-07b Part 2 (BMDS Ground Test)	4	2018	4	2018
FTO-03 E2 (OTA Intercept Flight Test)	4	2018	4	2018
GTD-07b Part 1 (BMDS Ground Test)	1	2019	1	2019
FTG-17 (GM Intercept Flight Test)	3	2019	3	2019
GTX-08 Part 1 (BMDS Ground Test)	3	2019	3	2019
FTM-35 (AEGIS 5.1 Intercept Flight Test)	4	2019	4	2019
FTT-19 (TH Intercept Flight Test)	4	2019	4	2019
GTX-08 Part 2(BMDS Ground Test)	4	2019	4	2019
GTI-08 (BMDS Ground Test)	2	2020	3	2020
FTG-13 (GM Intercept Flight Test)	3	2020	3	2020
FTO-04 (OTA Intercept Flight Test)	3	2020	3	2020
FTX-26 (SN Target Only Flight Test)	3	2020	3	2020
FTT-16 (TH Intercept Flight Test)	4	2020	4	2020
GTD-08 Part 1 (BMDS Ground Test)	4	2020	4	2020

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Missile Defense Agency										Date: February 2015		
Appropriation/Budget Activity 0400 / 4					R-1 Program Element (Number/Name) PE 0604879C / Ballistic Missile Defense Sensor Test				Project (Number/Name) MD40 / Program Wide Support			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
MD40: Program Wide Support	-	-	-	3.815	-	3.815	4.930	4.779	5.473	5.763	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
Note Beginning in FY 2016, Program Wide Support was proportionately allocated to Ballistic Missile Defense Sensor Test												
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 Services, and Federally Funded Research and Development Center (FFRDC) support. This provides integrity and oversight of the BMDS as well as supports MDA in the development and evaluation of technologies that will respond to the changing threat. Additionally, PWS includes Global Deployment personnel and support performing deployment site preparation and activation and, provides facility capabilities for MDA Executing Agent locations. Other MDA wide costs includes: physical and technical security; civilian drug testing; audit readiness; the Science, Technology, Engineering, and Mathematics (STEM) program; legal services and settlements; 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. Program Wide Support is allocated on a pro-rata basis and therefore, fluctuates by year based on the total adjusted RDT&E profile (which excludes:0305103C Cyber Security Initiative, 0603274C Special Program, 0603913C Israeli Cooperative Program and 0901598C Management Headquarters).												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)									FY 2014	FY 2015	FY 2016	
Title: Program Wide Support Articles: Description: N/A FY 2014 Accomplishments: - FY 2014 Accomplishments were captured in multiple RDT&E Program Elements under MD40 Budget Project FY 2015 Plans: - FY 2015 Accomplishments are captured in multiple RDT&E Program Elements under MD40 Budget Project FY 2016 Plans: - Beginning in FY 2016, Program Wide Support was redistributed across RDT&E Program Elements with a proportional allocation to Ballistic Missile Defense Sensor Test - See paragraph A: Mission Description and Budget Item Justification									-	-	3.815	
									-	-	-	
Accomplishments/Planned Programs Subtotals									-	-	3.815	

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Missile Defense Agency		Date: February 2015
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604879C / <i>Ballistic Missile Defense Sensor Test</i>	Project (Number/Name) 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 2016 Missile Defense Agency												Date: February 2015		
Appropriation/Budget Activity 0400 / 4						R-1 Program Element (Number/Name) PE 0604879C / <i>Ballistic Missile Defense Sensor Test</i>				Project (Number/Name) MD40 / <i>Program Wide Support</i>				

Support (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
Program Wide Support - Agency Operations and Support Services (Reqn)	MIPR	Various : Multi: AL, VA	0.000	-		-		3.815		-		3.815	Continuing	Continuing	Continuing
Subtotal			0.000	-		-		3.815		-		3.815	-	-	-

Remarks N/A															
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	Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	-		-		3.815		-		3.815	-	-	-

Remarks N/A															
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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Missile Defense Agency

Date: February 2015

Appropriation/Budget Activity
0400 / 4

R-1 Program Element (Number/Name)
PE 0604879C / Ballistic Missile Defense
Sensor Test

Project (Number/Name)
MD40 / Program Wide Support

Significant Event Complete▲
Significant Event Planned△

Milestone Decision Complete★
Milestone Decision Planned☆

Element Test Complete◆
Element Test Planned◇

System Level Test Complete●
System Level Test Planned○

Complete Activity✦
Planned Activity✧

	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
	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
MD40 Program-Wide Support									✧	✧	✧	✧	✧	✧	✧	✧	✧	✧	✧	✧	✧	✧	✧	✧	✧	✧	✧	✧

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Exhibit R-4A, RDT&E Schedule Details: PB 2016 Missile Defense Agency			Date: February 2015
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604879C / <i>Ballistic Missile Defense Sensor Test</i>	Project (Number/Name) MD40 / <i>Program Wide Support</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
MD40 Program-Wide Support	1	2016	4	2020