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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Army										Date: March 2014		
Appropriation/Budget Activity 2040: Research, Development, Test & Evaluation, Army / BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0205778A / Guided Multiple-Launch Rocket System (GMLRS)							
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	-	-	-	45.377	-	45.377	17.175	27.389	26.292	26.522	Continuing	Continuing
EG2: GMLRS Alternative Warheads	-	-	-	33.898	-	33.898	0.319	-	-	-	Continuing	Continuing
EG3: Guided MLRS	-	-	-	11.479	-	11.479	16.856	27.389	26.292	26.522	Continuing	Continuing
# The FY 2015 OCO Request will be submitted at a later date.												
Note Adjustments to Budget Years: Reflects FY14; GMLRS Alternative Warhead (78G) and Guided MLRS (784) re-aligned to PE 205778A, Projects EG2 and EG3, respectively. Other Adjustments 1: Cost reduction initiatives												
A. Mission Description and Budget Item Justification Projects EG2/EG3. GMLRS rockets are surface-to-surface artillery rockets fired from the Multiple Launch Rocket System (MLRS) and High Mobility Artillery Rocket System (HIMARS) launchers. GMLRS rockets provide 24/7, all-weather precision fires to engage both area and point targets at short, medium, and long ranges. The GMLRS Program consists of three separate increments: GMLRS Dual Purpose Improved Conventional Munition (DPICM) cluster munition to engage area or imprecisely located targets; GMLRS Unitary that utilizes a 200 lb high explosive warhead to engage point targets with limited collateral damage; and GMLRS Alternative Warhead (AW) that is being developed as a non-cluster munition to replace GMLRS DPICM. GMLRS DPICM Production was terminated in response to the June 2008 Department of Defense (DoD) Cluster Munitions Policy. GMLRS Unitary is currently in full rate production. GMLRS AW is currently in the Engineering and Manufacturing Development (EMD) Phase and scheduled to enter full rate production in FY2015. The GMLRS AW rocket is 90% common with the Unitary variant.												
B. Program Change Summary (\$ in Millions)				FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total				
Previous President's Budget				-	-	-	-	-				
Current President's Budget				-	-	45.377	-	45.377				
Total Adjustments				-	-	45.377	-	45.377				
• Congressional General Reductions				-	-							
• Congressional Directed Reductions				-	-							
• Congressional Rescissions				-	-							
• Congressional Adds				-	-							
• Congressional Directed Transfers				-	-							
• Reprogrammings				-	-							
• SBIR/STTR Transfer				-	-							
• Adjustments to Budget Years				-	-	55.413	-	55.413				

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Appropriation/Budget Activity		R-1 Program Element (Number/Name)			
2040: Research, Development, Test & Evaluation, Army / BA 7: Operational Systems Development		PE 0205778A / Guided Multiple-Launch Rocket System (GMLRS)			
• Other Adjustments 1		-	-	-10.036	-10.036

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Army										Date: March 2014		
Appropriation/Budget Activity 2040 / 7					R-1 Program Element (Number/Name) PE 0205778A / Guided Multiple-Launch Rocket System (GMLRS)				Project (Number/Name) EG2 / GMLRS Alternative Warheads			
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
EG2: GMLRS Alternative Warheads	-	-	-	33.898	-	33.898	0.319	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
Note												
Beginning in FY2015, Guided Multiple Launch Rocket System (GMLRS) will have its own separate Program Element, 0205778A, to include Projects EG2 (GMLRS Alternative Warhead) and EG3 (Guided MLRS), previously under Program Element 0603778A Project Codes 78G and 784, respectively.												
A. Mission Description and Budget Item Justification												
The United States (U.S.) Army is funding the development of the Guided Multiple Launch Rocket System (GMLRS) Alternative Warhead (AW) increment under the 78G-GMLRS AW project code. GMLRS AW is being developed as a non-cluster munition to replace GMLRS Dual Purpose Improved Conventional Munitions (DPICM) and service the same area and imprecisely-located targets. GMLRS DPICM Production was terminated in response to the June 2008 Department of Defense (DoD) Cluster Munitions Policy.												
The GMLRS AW increment completed Milestone B (MS B) on February 19, 2012 and is currently in the Engineering and Manufacturing Development (EMD) Phase. The three-year EMD contract was awarded on March 30, 2012. Funding was requested in FY2013 for the second year of the EMD contract and for other government and contracted EMD activities to include engineering developmental testing and the Critical Design Review (CDR). GMLRS AW is scheduled for a combined Milestone C (MS C) and Full Rate Production (FRP) Decision in FY2015 and Initial Operational Capability (IOC) in FY2016.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015	
Title: Conduct Development Engineering, Design Component Testing, and Performance Analysis.									-	-	15.762	
Description: Funding is provided for the following effort												
FY 2015 Plans: Assess warhead capability and effectiveness in cold conditioned environments.												
Title: Perform technical assessments and concept studies.									-	-	8.475	
Description: Funding is provided for the following effort												
FY 2015 Plans:												

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Appropriation/Budget Activity 2040 / 7				R-1 Program Element (Number/Name) PE 0205778A / Guided Multiple-Launch Rocket System (GMLRS)				Project (Number/Name) EG2 / GMLRS Alternative Warheads				
B. Accomplishments/Planned Programs (\$ in Millions)										FY 2013	FY 2014	FY 2015
Evaluate production rate tooling assessments; conduct functional configuration audit; assess readiness for operational testing.												
Title: Prepare Milestone Documentation, Risk Reduction, and Program Reviews. Description: Funding is provided for the following effort FY 2015 Plans: Finalize milestone documentation; prepare for prebrief and execute Milestone C (MS C) and Full Rate Production Decision (FRPDR).										-	-	1.492
Title: Conduct System Test and Evaluation Activities. Description: Funding is provided for the following effort FY 2015 Plans: Initial Operational Test and Evaluation (IOT&E); Cold Regions Test Center (CRTC) testing.										-	-	8.169
Accomplishments/Planned Programs Subtotals										-	-	33.898
C. Other Program Funding Summary (\$ in Millions)												
Line Item	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	
• GMLRS: <i>GMLRS</i>	214.288	273.025	127.145	-	127.145	194.775	167.250	190.934	90.792	Continuing	Continuing	
• Guided MLRS: <i>Guided MLRS</i>	7.640	15.309	11.479	-	11.479	16.856	27.389	26.292	26.552	Continuing	Continuing	
• Long Range Precision Fires: <i>Long Range Precision Fires</i>	-	-	-	-	-	69.000	40.000	77.000	107.169	Continuing	Continuing	
Remarks GMLRS procurement funding includes C65404 and C65406.												
D. Acquisition Strategy The GMLRS AW rocket is a product improved version of the current GMLRS DPICM rocket. During EMD, GMLRS AW will undergo further development, integration, and testing under a Firm Fixed Price (FFP) contract.												
E. Performance Metrics N/A												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Army												Date: March 2014			
Appropriation/Budget Activity 2040 / 7						R-1 Program Element (Number/Name) PE 0205778A / Guided Multiple-Launch Rocket System (GMLRS)						Project (Number/Name) EG2 / GMLRS Alternative Warheads			
Management Services (\$ 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
Government Program Management	TBD	PFRMS Project Office, : RSA	0.000	-		-		4.643	Oct 2014	-		4.643	Continuing	Continuing	Continuing
Subtotal			0.000	-		-		4.643		-		4.643	-	-	-
Remarks TBD-To Be Determined; Cont.-Continuing; PFRMS-Precision Fires Rocket and Missile Systems; RSA-Redstone Arsenal															
Product Development (\$ 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
AWP Contracts (Multiple)	Various	ATK (Plymouth, MN) LMMFCS (Dallas, TX) : Systems Integrator	0.000	-		-		10.835	Dec 2014	-		10.835	Continuing	Continuing	Continuing
Other Government Agencies	TBD	AMCOM/ : AMRDEC, RSA	0.000	-		-		3.543	Dec 2014	-		3.543	Continuing	Continuing	Continuing
Subtotal			0.000	-		-		14.378		-		14.378	-	-	-
Remarks AWP-Alternative Warhead Program; Various-Competitive/Firm Fixed Price/Sole Source/Cost Plus Fixed Fee; TBD-To Be Determined; Cont.-Continuing; AMCOM-Army Materiel Command; AMRDEC-U.S. Army Research, Development and Engineering Command; RSA-Redstone Arsenal; ATK-Alliant Techsystems, Inc.; MN-Minnesota; LMMFCS-Lockheed Martin Missile and Fire Control System; TX-Texas															
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
Support Contracts	C/CPFF	Camber Research/ S3/TMI, : Alabama	0.000	-		-		0.236	Dec 2014	-		0.236	Continuing	Continuing	Continuing
Subtotal			0.000	-		-		0.236		-		0.236	-	-	-

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Appropriation/Budget Activity 2040 / 7						R-1 Program Element (Number/Name) PE 0205778A / Guided Multiple-Launch Rocket System (GMLRS)					Project (Number/Name) EG2 / GMLRS Alternative Warheads				
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
Remarks C/CPFF-Competitive/Cost Plus Fixed Fee; Cont.-Continuing; S3-Systems Studies Simulation, Inc.; TMI-Tec Master, Inc.															
Test and Evaluation (\$ 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
Test Support	TBD	WSMR, : NM	0.000	-		-		14.641	Dec 2014	-		14.641	-	14.641	-
Subtotal			0.000	-		-		14.641		-		14.641	-	14.641	-
Remarks TBD-To Be Determined; Cont.-Continuing; WSMR, NM-White Sands Missile Range, New Mexico															
			Prior Years	FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			0.000	-		-		33.898		-		33.898	-	-	-
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Army										Date: March 2014	
Appropriation/Budget Activity 2040 / 7					R-1 Program Element (Number/Name) PE 0205778A / Guided Multiple-Launch Rocket System (GMLRS)					Project (Number/Name) EG2 / GMLRS Alternative Warheads	

	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
Milestone C																												
Initial Operational Test (IOT)																												
Full Rate Production (FRP)																												
Initial Operational Capability (IOC)																												
Conduct Development Engineering, Design Component Testing and Performance Analys																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2015 Army			Date: March 2014
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0205778A / <i>Guided Multiple-Launch Rocket System (GMLRS)</i>	Project (Number/Name) EG2 / <i>GMLRS Alternative Warheads</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Milestone C	4	2015	4	2015
Initial Operational Test (IOT)	2	2015	2	2015
Full Rate Production (FRP)	4	2015	4	2015
Initial Operational Capability (IOC)	3	2017	3	2017
Conduct Development Engineering, Design Component Testing and Performance Analys	1	2015	4	2015

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Army										Date: March 2014		
Appropriation/Budget Activity 2040 / 7					R-1 Program Element (Number/Name) PE 0205778A / Guided Multiple-Launch Rocket System (GMLRS)				Project (Number/Name) EG3 / Guided MLRS			
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
EG3: Guided MLRS	-	-	-	11.479	-	11.479	16.856	27.389	26.292	26.522	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
Note												
Beginning in FY2015, Guided Multiple Launch Rocket System (GMLRS) will have its own separate Program Element, 0205778A, to include Projects EG2 (GMLRS Alternative Warhead) and EG3 (Guided MLRS), previously under Program Element 0603778A Project Codes 78G and 784, respectively.												
A. Mission Description and Budget Item Justification												
The United States (U.S.) Army continues to explore ways to enhance Guided Multiple Launch Rocket System (GMLRS) Unitary rockets and common components and to mitigate obsolescence issues under the Guided MLRS project code. The Army is requesting funding for the following GMLRS Research, Development, Test and Evaluation (RDT&E) activities: (1) evaluation of enhanced operational capabilities to provide more flexibility across the target set to include increased range and flight performance; (2) investigation of potential life cycle cost savings through obsolescence initiatives; (3) development of enhancements to the Multiple Launch Rocket System (MLRS) common test equipment; and (4) evaluation and development of technologies to enhance overall product performance, survivability, and Insensitive Munitions (IM) compliance.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015	
Title: Assess and improve GMLRS rockets.									-	-	1.607	
Description: Funding is provided for the following effort												
FY 2015 Plans:												
Continue to levy and evaluate improvements in rocket reliability, collateral damage, and effectiveness.												
Title: Conduct development engineering for IM program.									-	-	6.428	
Description: Funding is provided for the following effort												
FY 2015 Plans:												
Conduct System Functional Design Review (FDR) and System Integration Tests (SITs).												
Title: Investigate obsolescence cost/cost reduction opportunities/second source suppliers.									-	-	1.033	
Description: Funding is provided for the following effort												
FY 2015 Plans:												

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Appropriation/Budget Activity 2040 / 7				R-1 Program Element (Number/Name) PE 0205778A / <i>Guided Multiple-Launch Rocket System (GMLRS)</i>				Project (Number/Name) EG3 / <i>Guided MLRS</i>			
B. Accomplishments/Planned Programs (\$ in Millions)											
Insert Guidance Processor Unit (GPU) and Power Condition Unit (PCU) into GMLRS program.								FY 2013	FY 2014	FY 2015	
Title: Conduct System Test and Evaluation activities. Description: Funding is provided for the following effort FY 2015 Plans: Conduct configuration ground control testing for the GMLRS IM Rocket Motor (RM) and Ignition Safety Device (ISD).								-	-	2.411	
Accomplishments/Planned Programs Subtotals								-	-	11.479	
C. Other Program Funding Summary (\$ in Millions)											
Line Item	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
• GMLRS: <i>GMLRS</i>	214.288	273.025	127.145	-	127.145	194.775	167.250	190.934	90.792	Continuing	Continuing
• Gmlrs Alternative Warhead: <i>Gmlrs Alternative Warhead</i>	53.593	39.852	33.898	-	33.898	0.319	-	-	-	Continuing	Continuing
• Long Range Precision Fires: <i>Long Range Precision Fires</i>	-	-	-	-	-	69.000	40.000	77.000	107.169	Continuing	Continuing
Remarks GMLRS Procurement funding includes C65404 and C65406.											
D. Acquisition Strategy Project EG3 is intended to support, investigate, and develop alternative material changes to improve the GMLRS family of munitions as they are identified by the material developer or combat developer. This project also supports IM activities to improve the overall posture of the system all the way down to component level. Future initiatives could include a missile modernization program to extend the shelf life of the GMLRS rocket.											
E. Performance Metrics N/A											

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Appropriation/Budget Activity 2040 / 7						R-1 Program Element (Number/Name) PE 0205778A / Guided Multiple-Launch Rocket System (GMLRS)				Project (Number/Name) EG3 / Guided MLRS					
Management Services (\$ 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
Government Program Management	TBD	PFRMS Project Office, : RSA	0.000	-		-		0.132	Oct 2014	-		0.132	Continuing	Continuing	Continuing
Subtotal			0.000	-		-		0.132		-		0.132	-	-	-
Remarks TBD-To Be Determined; Cont.-Continuing; PFRMS-Precision Fires Rocket and Missile Systems; RSA-Redstone Arsenal, Alabama															
Product Development (\$ 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
Unitary Contracts/Multiple	SS/CPFF	LMMFCS : Dallas, TX	0.000	-		-		8.872	Dec 2014	-		8.872	Continuing	Continuing	Continuing
Other Government Agencies	TBD	AMCOM/AMRDEC, : RSA	0.000	-		-		-		-		-	Continuing	Continuing	Continuing
Subtotal			0.000	-		-		8.872		-		8.872	-	-	-
Remarks SS/CPFF-Sole Source/Cost Plus Fixed Fee; Cont.-Continuing; LMMFCS - Lockheed Martin Missile and Fire Control System; TX - Texas; AMCOM-Aviation and Missile Command; TBD-To Be Determined; AMRDEC - U.S. Army Research, Development and Engineering Command; RSA - Redstone Arsenal, Alabama															
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
Support Contract	C/CPFF	Camber Research/ S3/TMI, : Alabama	0.000	-		-		-		-		-	Continuing	Continuing	Continuing
Subtotal			0.000	-		-		-		-		-	-	-	-
Remarks C/CPFF: Competitive/Cost Plus Fixed Fee; Cont.-Continuing; S3-Systems Studies Simulation, Inc.; TMI-Tec Masters, Inc.															

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Appropriation/Budget Activity 2040 / 7						R-1 Program Element (Number/Name) PE 0205778A / <i>Guided Multiple-Launch Rocket System (GMLRS)</i>				Project (Number/Name) EG3 / <i>Guided MLRS</i>				

Test and Evaluation (\$ 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	
Test Support	TBD	WSMR, : NM	0.000	-		-		2.475	Dec 2014	-		2.475	Continuing	Continuing	Continuing	
Subtotal			0.000	-		-		2.475		-		2.475	-	-	-	

Remarks TBD-To Be Determined; Cont.-Continuing; WSMR, NM-White Sands Missile Range, New Mexico															
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	Prior Years	FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	-		-		11.479		-		11.479	-	-	-

Remarks													
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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Army			Date: March 2014
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0205778A / Guided Multiple-Launch Rocket System (GMLRS)	Project (Number/Name) EG3 / Guided MLRS	

	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
Technical Assessment/Concept, Survivability																												
Obsolescence/Cost Reduction Opportunities and Second Source Suppliers																												
IM/Enhanced Technology Improvements																												
Configuration System Qualification Ground/ Flight Testing																												
Engineering Change Proposal (ECP) Cut In Decision																												

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Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0205778A / <i>Guided Multiple-Launch Rocket System (GMLRS)</i>	Project (Number/Name) EG3 / <i>Guided MLRS</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Technical Assessment/Concept, Survivability	1	2015	4	2019
Obsolescence/Cost Reduction Opportunities and Second Source Suppliers	1	2015	4	2019
IM/Enhanced Technology Improvements	1	2015	4	2019
Configuration System Qualification Ground/Flight Testing	2	2015	4	2016
Engineering Change Proposal (ECP) Cut In Decision	2	2017	2	2017