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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Navy	Date: March 2014
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Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy / BA 4: Advanced Component Development & Prototypes (ACD&P)</i>					R-1 Program Element (Number/Name) PE 0603795N / <i>Land Attack Tech</i>							
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	0.000	14.274	-	0.318	-	0.318	0.887	0.591	-	-	-	16.070
2038: <i>ADVANCED MINOR CALIBER GUN</i>	0.000	14.274	-	0.318	-	0.318	0.887	0.591	-	-	-	16.070

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

A. Mission Description and Budget Item Justification

The Advanced Minor Caliber Gun will support non-recurring engineering, component integration, and testing efforts required for capability upgrades to the MK38 Mod 2, a minor caliber gun weapon system.

<u>B. Program Change Summary (\$ in Millions)</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015 Base</u>	<u>FY 2015 OCO</u>	<u>FY 2015 Total</u>
Previous President's Budget	16.132	5.075	2.046	-	2.046
Current President's Budget	14.274	-	0.318	-	0.318
Total Adjustments	-1.858	-5.075	-1.728	-	-1.728
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-5.075			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.513	-			
• Rate/Misc Adjustments	-	-	-1.728	-	-1.728
• Congressional General Reductions Adjustments	-1.345	-	-	-	-

Change Summary Explanation

Technical: The program received a congressional reduction in FY14 for the delay in awarding the FY13 contract due to the efforts status as a new start under the FY13 continuing resolution laws. In FY15, the program was reduced for contracted services, underexecution, and work capital fund rate adjustments.

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Navy										Date: March 2014																						
Appropriation/Budget Activity 1319 / 4					R-1 Program Element (Number/Name) PE 0603795N / <i>Land Attack Tech</i>				Project (Number/Name) 2038 / <i>ADVANCED MINOR CALIBER GUN</i>																							
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2038: <i>ADVANCED MINOR CALIBER GUN</i>	-	14.274	-	0.318	-	0.318	0.887	0.591	-	-	-	16.070																				
Quantity of RDT&E Articles	0.000	-	-	-	-	-	-	-	-	-																						
# The FY 2015 OCO Request will be submitted at a later date. A. Mission Description and Budget Item Justification The Advanced Minor Caliber Gun project will support non-recurring engineering, component integration, testing and qualification efforts required for the capability upgrades to the MK38 Mod 2, a minor caliber gun weapon system. The new configuration (MOD 3) creates a near term improvement to address ship based, close range solutions to defeat the Fast Attack Craft (FAC)/Fast In-Shore Attack Craft (FIAC) threat. The MK38 Mod 2 was developed in FY04 under Chief of Naval Operations (CNO) direction to outfit near term deployers to counter small boat threats. B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each) <table border="1"> <thead> <tr> <th></th> <th>FY 2013</th> <th>FY 2014</th> <th>FY 2015</th> </tr> </thead> <tbody> <tr> <td>Title: Systems Engineering and Testing</td> <td align="right">14.274</td> <td align="center">-</td> <td align="right">0.318</td> </tr> <tr> <td align="right">Articles:</td> <td align="center">-</td> <td align="center">-</td> <td align="center">-</td> </tr> <tr> <td colspan="4"> FY 2013 Accomplishments: Funding purchased commercially available Non-Developmental Items (NDI) hardware and test units; provided systems engineering, integration engineering, software updates, on-mount testing, safety and technical oversight support for the MK38 MOD 3 capability upgrade development. Funded the initiation of Navy qualification of the Improved MK 38 Machine Gun System kit, and completion of the development of the Coaxial Gun (COAX) interface Technical Data Package (TDP). FY 2014 Plans: FY14 funding reduced by congressional direction. FY 2015 Plans: Complete final system qualification effort in order to obtain Weapon System Explosive Safety Review Board (WSESRB) deployment concurrence. </td> </tr> <tr> <td align="right">Accomplishments/Planned Programs Subtotals</td> <td align="right">14.274</td> <td align="center">-</td> <td align="right">0.318</td> </tr> </tbody> </table> C. Other Program Funding Summary (\$ in Millions) N/A Remarks D. Acquisition Strategy The hardware improvements for MOD 3 will be integrated into new production orders and separate kits for backfit will begin procurement in FY15.														FY 2013	FY 2014	FY 2015	Title: Systems Engineering and Testing	14.274	-	0.318	Articles:	-	-	-	FY 2013 Accomplishments: Funding purchased commercially available Non-Developmental Items (NDI) hardware and test units; provided systems engineering, integration engineering, software updates, on-mount testing, safety and technical oversight support for the MK38 MOD 3 capability upgrade development. Funded the initiation of Navy qualification of the Improved MK 38 Machine Gun System kit, and completion of the development of the Coaxial Gun (COAX) interface Technical Data Package (TDP). FY 2014 Plans: FY14 funding reduced by congressional direction. FY 2015 Plans: Complete final system qualification effort in order to obtain Weapon System Explosive Safety Review Board (WSESRB) deployment concurrence.				Accomplishments/Planned Programs Subtotals	14.274	-	0.318
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E. Performance Metrics

Quarterly program reviews and semi-annual product certification panel reviews.