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Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy									DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 2: Applied Research				R-1 ITEM NOMENCLATURE PE 0602234N: Materials, Electr & Computer Tech							
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	7.280	2.788	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	13.008
9999: Congressional Adds	7.280	2.788	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	13.008
A. Mission Description and Budget Item Justification This Program Element is funded in its entirety by two Congressional Adds.											
B. Program Change Summary (\$ in Millions)											
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total						
Previous President's Budget	7.280	0.000	0.000	0.000	0.000						
Current President's Budget	7.280	2.788	0.000	0.000	0.000						
Total Adjustments	0.000	2.788	0.000	0.000	0.000						
• Congressional General Reductions		-0.012									
• Congressional Directed Reductions		0.000									
• Congressional Rescissions	0.000	0.000									
• Congressional Adds		2.800									
• Congressional Directed Transfers		0.000									
• Reprogrammings	0.000	0.000									
• SBIR/STTR Transfer	0.000	0.000									
Congressional Add Details (\$ in Millions, and Includes General Reductions)										FY 2009	FY 2010
Project: 9999: Congressional Adds											
Congressional Add: Infrared Materials Laboratories										2.493	2.788
Congressional Add: Novel Coating Technologies for Military Equipment										4.787	0.000
Congressional Add Subtotals for Project: 9999										7.280	2.788
Congressional Add Totals for all Projects										7.280	2.788

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<p><u>Change Summary Explanation</u></p> <p>Technical: Not applicable.</p> <p>Schedule: Not applicable.</p> <p>FY11 from previous President's Budget is shown as zero because no FY11-15 data was presented in President's Budget 2010.</p>		

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 2: <i>Applied Research</i>				R-1 ITEM NOMENCLATURE PE 0602234N: <i>Materials, Electr & Computer Tech</i>				PROJECT 9999: <i>Congressional Adds</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
9999: <i>Congressional Adds</i>	7.280	2.788	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	13.008
A. Mission Description and Budget Item Justification Congressional Interest Items not included in other Projects.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010			
Congressional Add: Infrared Materials Laboratories <i>FY 2009 Accomplishments:</i> This effort supported the improvement of technology for long wavelength mercury cadmium telluride based infra-red focal plane arrays (FPAs). <i>FY 2010 Plans:</i> This effort continues support of Infrared Materials Laboratory research.							2.493	2.788			
Congressional Add: Novel Coating Technologies for Military Equipment <i>FY 2009 Accomplishments:</i> This effort supported further development of novel technologies that will enable deposition of coatings with extraordinary properties and that can be applied to airplanes, warships, tanks and other large military equipment on site and in open atmosphere, avoiding the current high costs in time and money of equipment disassembly and the use of vacuum chambers.							4.787	0.000			
Congressional Adds Subtotals							7.280	2.788			

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C. Other Program Funding Summary (\$ in Millions) N/A		
D. Acquisition Strategy N/A		
E. Performance Metrics Congressional Interest Items not included in other Projects.		

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