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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 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604274N: Next Generation Jammer (NGJ)							
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	0.000	117.481	120.602	0.000	120.602	119.891	121.507	124.862	127.422	Continuing	Continuing
0557: Next Generation Jammer	0.000	117.481	120.602	0.000	120.602	119.891	121.507	124.862	127.422	Continuing	Continuing
A. Mission Description and Budget Item Justification											
This project develops a Next Generation Jammer (NGJ) capability and appropriate technologies required to replace the existing ALQ-99 Tactical Jamming System. NGJ is required to keep pace with advances in threat weapons systems and continuous expansion of the Airborne Electronic Attack (AEA) mission area. NGJ capabilities will address AEA capability gaps, AEA sufficiency gaps and address ALQ-99 shortfalls in scalability, flexibility, supportability, interoperability, availability and capability. NGJ will adopt an adaptable, modular, and open architecture philosophy to combat the increasing capability gap and enable future growth at a reduced operational and sustainment cost.											
NOTE: NGJ was previously funded under PE 0604270N as part of project 0556 Airborne Electronic Attack (AEA). NGJ effort was budgeted \$36.006M under PE 0604270N 0556 in FY09.											
B. Program Change Summary (\$ in Millions)											
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total						
Previous President's Budget	0.000	127.970	0.000	0.000	0.000						
Current President's Budget	0.000	117.481	120.602	0.000	120.602						
Total Adjustments	0.000	-10.489	120.602	0.000	120.602						
• Congressional General Reductions		-0.489									
• Congressional Directed Reductions		-10.000									
• Congressional Rescissions	0.000	0.000									
• Congressional Adds		0.000									
• Congressional Directed Transfers		0.000									
• Reprogrammings	0.000	0.000									
• SBIR/STTR Transfer	0.000	0.000									
• Program Adjustments	0.000	0.000	120.602	0.000	120.602						

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<p><u>Change Summary Explanation</u></p> <p>Technical: Not applicable.</p> <p>Schedule: Multiple competitive Technology Maturation contracts are planned for award in 2010 to develop detailed engineering and programmatic plans for key technology demonstrations. Technical Maturation Awards changed due to Material Solution Analysis Phase as defined by Defense AT&L. Additional technology maturation efforts are being conducted to develop the required component level technologies required to support the advanced capabilities of NGJ.</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 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0604274N: <i>Next Generation Jammer (NGJ)</i>				PROJECT 0557: <i>Next Generation Jammer</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
0557: <i>Next Generation Jammer</i>	0.000	117.481	120.602	0.000	120.602	119.891	121.507	124.862	127.422	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification This project develops a Next Generation Jammer (NGJ) capability and appropriate technologies required to replace the existing ALQ-99 Tactical Jamming System. NGJ is required to keep pace with advances in threat weapons systems and continuous expansion of the Airborne Electronic Attack (AEA) mission area. NGJ capabilities will address AEA capability gaps, AEA sufficiency gaps and address ALQ-99 shortfalls in scalability, flexibility, supportability, interoperability, availability and capability. NGJ will adopt an adaptable, modular, and open architecture philosophy to combat the increasing capability gap and enable future growth at a reduced operational sustainment cost.											
B. Accomplishments/Planned Program (\$ in Millions)											
						FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	
Next Generation Jammer						0.000	117.481	120.602	0.000	120.602	
<i>FY 2010 Plans:</i> Conduct Next Generation Jammer (NGJ) technical maturation analysis/studies and complete concept refinement phase activities needed to support a Milestone A decision.											
<i>FY 2011 Base Plans:</i> Complete Milestone A decision and Initiate NGJ technology development activities to reduce technological risk and determine appropriate set of technologies for use in NGJ.											
Accomplishments/Planned Programs Subtotals						0.000	117.481	120.602	0.000	120.602	

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy		DATE: February 2010
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<p><u>C. Other Program Funding Summary (\$ in Millions)</u> N/A</p> <p><u>D. Acquisition Strategy</u> Next Generation Jammer (NGJ) is Pre-Concept Design Milestone. Activity will focus on technology maturation to include technology development strategy in preparation for Milestone A.</p> <p><u>E. Performance Metrics</u> To obtain sufficient technology maturation to obtain a favorable Milestone A decision for continued program development.</p>		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy											DATE: February 2010		
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Product Development (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Engineering	WR	Various Various	0.000	3.026	Dec 2009	11.600	Dec 2010	0.000		11.600	Continuing	Continuing	Continuing
Sub-System Prototypes	C/CPFF	Various Various	0.000	114.355	Apr 2010	108.902	Apr 2011	0.000		108.902	Continuing	Continuing	Continuing
Subtotal			0.000	117.381		120.502		0.000		120.502			
Remarks													
Management Services (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	WR	Various Various	0.000	0.100	Dec 2009	0.100	Dec 2010	0.000		0.100	Continuing	Continuing	Continuing
Subtotal			0.000	0.100		0.100		0.000		0.100			
Remarks													
			Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			0.000	117.481		120.602		0.000		120.602			

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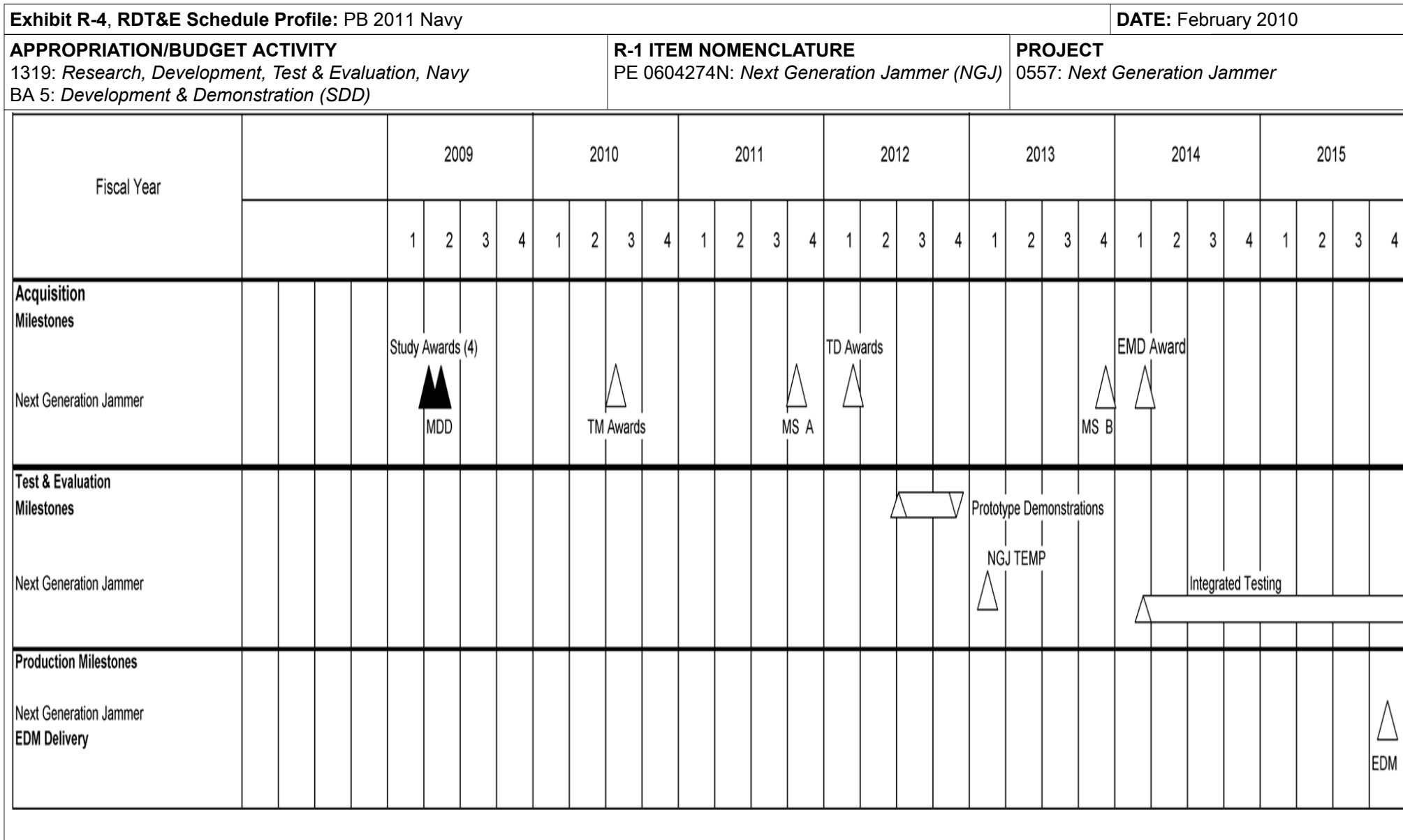
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	Total Prior Years Cost	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract	
Remarks									

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Exhibit R-4A, RDT&E Schedule Details: PB 2011 Navy			DATE: February 2010
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Schedule Details

Event	Start		End	
	Quarter	Year	Quarter	Year
Trade Study Award	2	2009	2	2009
Material Development Decision	2	2009	2	2009
Technology Maturation Contract Award	3	2010	3	2010
MS A	4	2011	4	2011
Technology Development Contract Award	1	2012	1	2012
Prototype Demonstration	3	2012	4	2012
NGJ Temp	1	2013	1	2013
MS B	4	2013	4	2013
EMD Contract Award	1	2014	1	2014
Integrated Testing	1	2014	4	2015
EDM Deliveries	4	2015	4	2015

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