

EXHIBIT R-2, RDT&E Budget Item Justification							DATE:	
							February 2003	
APPROPRIATION/BUDGET ACTIVITY					R-1 ITEM NOMENCLATURE			
RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY / BA-5					0604217N S-3 Weapon System Improvement			
COST (\$ in Millions)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Total PE Cost	0.401	0.413						
H0489 S-3 WSIP	0.401	0.413						
<b>A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:</b> The current program provides continuation of a series of progressive modular improvements which began with the S-3 Weapons System Improvement Program (WSIP) Phase I (S-3A modified to S-3B configuration). Based upon the S-3 WSIP Operational Requirement, the full program achieves the required multi-mission operational capability through continuous time-phased, selective mission avionics processing upgrades that are pursued in priority order. Initial Nunn-funded development focused on the Co-Processor Memory Unit (CPMU) hardware, a joint U.S./Canadian industrial base development program which provides the core processing capability and open architecture required for future modular S-3B modification. This program will complete CPMU integration and test and rewrite existing Tactical Mission Program (TMP) code into Ada higher-order language. Ada TMP development and CPMU integration will be leveraged to provide for sensor and connectivity enhancements in conjunction with the S-3B Surveillance System Upgrade (SSU) Project.								

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APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-5</b>		PROGRAM ELEMENT NUMBER AND NAME 0604217N S-3 WSIP			PROJECT NUMBER AND NAME H0489 S-3 WSIP			
COST (\$ in Millions)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Project Cost	<b>0.401</b>	<b>0.413</b>						
RDT&E Articles Qty								
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<b>(U) B. Accomplishments/Planned Program</b>				
	FY 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost	0.401	0.413	0.000	0.000
RDT&E Articles Quantity				
Support of Ada operational software development and testing.				

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<p><b>(U) C. PROGRAM CHANGE SUMMARY:</b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;">(U) Funding:</th> <th style="text-align: right; width: 15%;">FY 2002</th> <th style="text-align: right; width: 15%;">FY 2003</th> <th style="text-align: right; width: 15%;">FY 2004</th> <th style="text-align: right; width: 20%;">FY 2005</th> </tr> </thead> <tbody> <tr> <td>Previous President's Budget:</td> <td style="text-align: right;">0.424</td> <td style="text-align: right;">0.422</td> <td></td> <td></td> </tr> <tr> <td>Current BES/President's Budget</td> <td style="text-align: right;">0.401</td> <td style="text-align: right;">0.413</td> <td></td> <td></td> </tr> <tr> <td>Total Adjustments</td> <td style="text-align: right; border-top: 1px solid black;">-0.023</td> <td style="text-align: right; border-top: 1px solid black;">-0.009</td> <td></td> <td></td> </tr> <tr> <td colspan="5" style="padding-top: 10px;">Summary of Adjustments</td> </tr> <tr> <td>    Congressional program reductions</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>    Congressional undistributed reductions</td> <td></td> <td style="text-align: right;">-0.003</td> <td></td> <td></td> </tr> <tr> <td>    Congressional rescissions</td> <td style="text-align: right;">-0.001</td> <td></td> <td></td> <td></td> </tr> <tr> <td>    SBIR/STTR Transfer</td> <td style="text-align: right;">-0.013</td> <td></td> <td></td> <td></td> </tr> <tr> <td>    Economic Assumptions</td> <td style="text-align: right;">-0.001</td> <td style="text-align: right;">-0.006</td> <td></td> <td></td> </tr> <tr> <td>    Reprogrammings</td> <td style="text-align: right;">-0.008</td> <td></td> <td></td> <td></td> </tr> <tr> <td>    Other Navy/OSD Adjustments</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>    Reprioritization of requirements</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>    Congressional increases</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>    Subtotal</td> <td style="text-align: right; border-top: 1px solid black; border-bottom: 1px solid black;">-0.023</td> <td style="text-align: right; border-top: 1px solid black; border-bottom: 1px solid black;">-0.009</td> <td></td> <td></td> </tr> </tbody> </table> <p style="margin-top: 20px;">(U) Schedule: Not Applicable.</p> <p style="margin-top: 20px;">(U) Technical: Not Applicable</p>					(U) Funding:	FY 2002	FY 2003	FY 2004	FY 2005	Previous President's Budget:	0.424	0.422			Current BES/President's Budget	0.401	0.413			Total Adjustments	-0.023	-0.009			Summary of Adjustments					Congressional program reductions					Congressional undistributed reductions		-0.003			Congressional rescissions	-0.001				SBIR/STTR Transfer	-0.013				Economic Assumptions	-0.001	-0.006			Reprogrammings	-0.008				Other Navy/OSD Adjustments					Reprioritization of requirements					Congressional increases					Subtotal	-0.023	-0.009		
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R-1 SHOPPING LIST - Item No. 92

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<b>(U) D. OTHER PROGRAM FUNDING SUMMARY:</b>										
<u>Line Item No. &amp; Name</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	To <u>Complete</u>	Total <u>Cost</u>
Line Item #34 APN S-3 OSIP (04-96)	5.429	2.529	0.110							8.068
 <b>(U) E. ACQUISITION STRATEGY:</b>										
<p>The Operational Requirements Document (ORD) was signed on 27 March 1997. The Acquisition Plan was number 90-14 and was approved on 17 October 1994. The contract is a Cost Plus Fixed Fee (CPFF) and was awarded to Lockheed Martin, Eagan, MN on 28 July 1995.</p>										

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