

CLASSIFICATION:

**UNCLASSIFIED**

EXHIBIT R-2, RDT&E Budget Item Justification							DATE: <b>February 2000</b>																							
APPROPRIATION/BUDGET ACTIVITY <b>RESEARCH DEVELOPMENT TEST &amp; EVALUATION, NAVY</b>					R-1 ITEM NOMENCLATURE Program Element (PE) Name and No. <b>Smart Card Dev/Mod PE 0604910N</b>																									
COST (\$ in Millions)		FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	Cost to Complete	Total Cost																				
Total PE Cost		0.000	0.000	1.240	0.896	0.713	0.713	0.712	0.000	4.274																				
Smart Card		0.000	0.000	1.240	0.896	0.713	0.713	0.712	Note 1	Note 1																				
		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000																				
		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000																				
Quantity of RDT&E Articles		0	0	0	0	0	0	0	0	0																				
<p>FY 2000 President's Budget:</p> <table border="0"> <tr> <td>Appropriated Value:</td> <td>FY 1999</td> <td>FY 2000</td> <td>FY 2001</td> </tr> <tr> <td></td> <td>0.000</td> <td>0.000</td> <td>0.000</td> </tr> <tr> <td>Adjustment to FY 1999/2000 Appropriated Value/</td> <td>0.000</td> <td>0.000</td> <td>1.240</td> </tr> <tr> <td>FY 2000 President's Budget:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>FY 2001 PRES Budget Submit:</td> <td>0.000</td> <td>0.000</td> <td>1.240</td> </tr> </table> <p>A. Mission Description and Budget Item Justification: Mission Description: The Department of the Navy Smart Card Office's (DON SCO's) mission is to provide enabling technologies for the DON's business and Information Assurance solutions by implementing smart card technology throughout the DON. The Smart Card will assist in the DON's transition from paper-based, manual processes to a paperless, automated, secure electronic environment. The Smart Card will accomplish four major functions: Serve as the DOD Military Identification Card; authorize physical access to secure spaces; Function as the cyber-ID, authorizing access to information systems; and Meet the DON needs for specific applications while incorporating "process reengineering".</p>											Appropriated Value:	FY 1999	FY 2000	FY 2001		0.000	0.000	0.000	Adjustment to FY 1999/2000 Appropriated Value/	0.000	0.000	1.240	FY 2000 President's Budget:				FY 2001 PRES Budget Submit:	0.000	0.000	1.240
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R-1 SHOPPING LIST - Item No. 129

**Exhibit R-2, RDT&E Budget Item Justification**  
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EXHIBIT R-2, RDT&E Budget Item Justification		DATE:	<b>February 2000</b>
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE		
<b>RESEARCH DEVELOPMENT TEST &amp; EVALUATION, NAVY</b>	Program Element (PE) Name and No.	<b>Smart Card Dev/Mod PE 0604910N</b>	

R-1 SHOPPING LIST - Item No. 129

**Exhibit R-2, RDT&E Budget Item Justification**  
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EXHIBIT R-2a, RDT&E Project Justification							DATE: <b>February 2000</b>			
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NAME AND NUMBER			PROJECT NAME AND NUMBER						
<b>RDT&amp;E, N</b>	<b>Smart Card Dev/Mod PE 0604910N</b>			Smart Card						
COST (\$ in Millions)		FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	Cost to Complete	Total Cost
Project Cost		<b>0.000</b>	<b>0.000</b>	<b>1.240</b>	<b>0.896</b>	<b>0.713</b>	<b>0.713</b>	<b>0.712</b>	<b>4.274</b>	
RDT&E Articles Qty										
<p>A. Mission Description and Budget Item Justification.</p> <p>Budget Item Justification: The Smart Card RDT&amp;E funding will support two general efforts:</p> <ol style="list-style-type: none"> <li>1. Web enabling legacy applications and databases. As part of the DON's Revolution in Business Affairs (RBA) and Revolution in Military Affairs (RMA), funding will be required to support development and modification of existing legacy code. This is required to permit communication between the legacy application and database and web server via Graphical User Interface (GUI) and Application Program Interface (API).</li> <li>2. Development of 3rd generation (3G) smart card technologies. Successful adoption of 3G smart card technologies will require interface development for devices containing Wireless Application Protocol (WAP)s. Additionally, interfaces will need to be developed to support new card based applications involving technologies, suystems, and functionality not previously addressed.</li> </ol>										

R-1 SHOPPING LIST - Item No. 129

**Exhibit R-2a, RDT&E Project Justification**  
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EXHIBIT R-2a, RDT&E Project Justification								DATE: <b>February 2000</b>																							
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N</b>		PROGRAM ELEMENT NAME AND NUMBER <b>Smart Card Dev/Mod PE 0604910N</b>				PROJECT NAME AND NUMBER Smart Card																									
<p>FY 2001 PLAN: As stated above the Smart Card RDT&amp;E funding will support two general efforts:</p> <ol style="list-style-type: none"> <li>1. Web enabling legacy applications and databases. Funding will be required to support development and modification of existing legacy code. This is required to permit communication between the legacy application and database and web server via Graphical User Interface (GUI) and Application Program Interface (API).</li> <li>2. Development of 3rd generation (3G) smart card technologies. Funding will be required for interface development for devices containing Wireless Application Protocol (WAP)s. Additionally, interfaces will need to be developed to support new card based applications involving technologies, systems, and functionality not previously addressed.</li> </ol>																															
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O&M,N	18.421	18.500	13.163	12.096	7.280	7.280	7.980	Note 1	Note 1																						
<p>Note 1: The President's FY01 budget submission indicates a recurring requirement of \$7.780 O&amp;M,N for FY06 and each year hence.</p>																															
<p>C. Acquisition Strategy. Smart Card related hardware and software will be procured using IDIQ contracts awarded primarily through GSA competitive bids. This approach reduces "time to contract award" through the use of GSA's pre-negotiated schedules while ensuring requirement exposure to several qualified contractors. All contracts have specific deliverables with well-staffed statements of work.</p>																															

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**Exhibit R-2a, RDT&E Project Justification**  
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