

UNCLASSIFIED

CLASSIFICATION:

EXHIBIT R-2, RDT&E Budget Item Justification							DATE: February 2003	
APPROPRIATION/BUDGET ACTIVITY RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY / BA-5 Engineering & Manufacturing					R-1 ITEM NOMENCLATURE 0604910N Navy IT DEV / MOD			
COST (\$ in Millions)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Total PE0604910N Cost	0.844	0.695	0.552	0.697	0.712	0.727	0.740	0.754
Smart Card Program	0.844	0.695	0.552	0.697	0.712	0.727	0.740	0.754
Quantity of RDT&E Articles Not Applicable								
<p>(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: The Department of the Navy e-Business Operations Office is chartered to provide leading edge enabling technologies to Sailors and Marines through the use of a single multi-functional Smart Card, now referred to as the Common Access Card (CAC). Investigation of new technologies will be accomplished through interface proofs of concept demonstrating new Smart Card related technologies associated with the wireless industry, other industry standard operating systems, and biometric technology. Pilot demonstrations will also be conducted to identify and provide seed money for the development of software applications supporting functional requirements across the DoN. The goal of these projects will be to apply Smart Card Technology to streamlined processes enhancing cost effectiveness and improving operational readiness and quality of life.</p> <p>(U) B. JUSTIFICATION OF BUDGET ACTIVITY: Smart Card fund has been realigned from AAUSN to NAVSUP doing the FY 2003 Budget Review.</p>								

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APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5		PROGRAM ELEMENT NUMBER AND NAME 0604910N Navy IT DevMod			PROJECT NUMBER AND NAME T2902 Smart Card Program			
COST (\$ in Millions)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Project Cost	0.844	0.695	0.552	0.697	0.712	0.727	0.740	0.754
RDT&E Articles Qty	Not Applicable							
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B. Accomplishments/Planned Program																			
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<p>C. PROGRAM CHANGE SUMMARY:</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 40%;"></th> <th style="text-align: right; width: 10%;">FY 2002</th> <th style="text-align: right; width: 10%;">FY 2003</th> <th style="text-align: right; width: 10%;">FY 2004</th> <th style="text-align: right; width: 10%;">FY 2005</th> </tr> </thead> <tbody> <tr> <td>Funding:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Previous President's Budget: (FY 03 Pres Controls)</td> <td style="text-align: right;">0.888</td> <td style="text-align: right;">0.711</td> <td style="text-align: right;">0.712</td> <td style="text-align: right;">0.712</td> </tr> <tr> <td>Current BES/President's Budget:</td> <td style="text-align: right;">0.844</td> <td style="text-align: right;">0.695</td> <td style="text-align: right;">0.552</td> <td style="text-align: right;">0.697</td> </tr> <tr> <td>Total Adjustments</td> <td style="text-align: right; border-top: 1px solid black;">-0.044</td> <td style="text-align: right; border-top: 1px solid black;">-0.016</td> <td style="text-align: right; border-top: 1px solid black;">-0.160</td> <td style="text-align: right; border-top: 1px solid black;">-0.015</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></td> <td></td> <td></td> </tr> <tr> <td> Congressional rescissions</td> <td style="text-align: right;">-0.044</td> <td style="text-align: right;">-0.016</td> <td style="text-align: right;">-0.160</td> <td style="text-align: right;">-0.015</td> </tr> <tr> <td> SBIR/STTR Transfer</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> Economic Assumptions</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> Reprogrammings</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;">-0.044</td> <td style="text-align: right; border-top: 1px solid black; border-bottom: 1px solid black;">-0.016</td> <td style="text-align: right; border-top: 1px solid black; border-bottom: 1px solid black;">-0.160</td> <td style="text-align: right; border-top: 1px solid black; border-bottom: 1px solid black;">-0.015</td> </tr> </tbody> </table> <div style="margin-left: 40px;"> <p>Schedule:</p> <p> Not Applicable</p> <p>Technical:</p> <p> Not Applicable</p> </div>						FY 2002	FY 2003	FY 2004	FY 2005	Funding:					Previous President's Budget: (FY 03 Pres Controls)	0.888	0.711	0.712	0.712	Current BES/President's Budget:	0.844	0.695	0.552	0.697	Total Adjustments	-0.044	-0.016	-0.160	-0.015	Summary of Adjustments					Congressional program reductions					Congressional undistributed reductions					Congressional rescissions	-0.044	-0.016	-0.160	-0.015	SBIR/STTR Transfer					Economic Assumptions					Reprogrammings					Congressional increases					Subtotal	-0.044	-0.016	-0.160	-0.015
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<p>D. OTHER PROGRAM FUNDING SUMMARY:</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Line Item No. & Name</th> <th style="text-align: center; border-bottom: 1px solid black;"><u>FY 2002</u></th> <th style="text-align: center; border-bottom: 1px solid black;"><u>FY 2003</u></th> <th style="text-align: center; border-bottom: 1px solid black;"><u>FY 2004</u></th> <th style="text-align: center; border-bottom: 1px solid black;"><u>FY 2005</u></th> <th style="text-align: center; border-bottom: 1px solid black;"><u>FY 2006</u></th> <th style="text-align: center; border-bottom: 1px solid black;"><u>FY 2007</u></th> <th style="text-align: center; border-bottom: 1px solid black;"><u>FY 2008</u></th> <th style="text-align: center; border-bottom: 1px solid black;"><u>FY 2009</u></th> <th style="text-align: center; border-bottom: 1px solid black;">To Complete</th> <th style="text-align: center; border-bottom: 1px solid black;">Total Cost</th> </tr> </thead> <tbody> <tr> <td colspan="11" style="padding-top: 20px;">Not Applicable</td> </tr> </tbody> </table> <p>E. ACQUISITION STRATEGY: *</p> <p style="padding-left: 40px;">The milestone for all years is the completion of proof of concept iniiniatives for the benefit of the Department of Navy. In each of the fiscal years approximately 2-3 projects will be executed.</p> <p>F. MAJOR PERFORMERS: **</p> <p style="padding-left: 40px;">Not Applicable</p> <p><small>* Not required for Budget Activities 1,2,3, and 6 ** Required for DON and OSD submit only.</small></p>										Line Item No. & Name	<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 Complete	Total Cost	Not Applicable										
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Exhibit R-3 Cost Analysis (page 1)										DATE: February 2003				
APPROPRIATION/BUDGET ACTIVITY RD&E, N / BA-5			PROGRAM ELEMENT 0604910N Navy IT DevMod				PROJECT NUMBER AND NAME T2902 Smart Card Program							
Cost Categories (Tailor to WBS, or System/Item Requirements)	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 02 Cost	FY 02 Award Date	FY 03 Cost	FY 03 Award Date	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Primary Hardware Development													0.000	
Ancillary Hardware Development													0.000	
Systems Engineering													0.000	
Licenses													0.000	
Tooling													0.000	
GFE													0.000	
Award Fees													0.000	
Subtotal Product Development			0.000	0.000		0.000		0.000		0.000		0.000	0.000	
Remarks:														
Development Support Equipment													0.000	
Software Development													0.000	
Training Development													0.000	
Integrated Logistics Support													0.000	
Configuration Management													0.000	
Technical Data													0.000	
GFE													0.000	
Subtotal Support			0.000	0.000		0.000		0.000		0.000		0.000	0.000	
Remarks:														

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Exhibit R-3 Cost Analysis (page 2)											DATE: February 2003			
APPROPRIATION/BUDGET ACTIVITY RDTE, N / BA-5			PROGRAM ELEMENT 0604910N Navy IT DevMod			PROJECT NUMBER AND NAME T2902 Smart Card Program								
Cost Categories (Tailor to WBS, or System/Item Requirements)	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 02 Cost	FY 02 Award Date	FY 03 Cost	FY 03 Award Date	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation				0.844	08/02	0.695	04/03	0.552	TBD	0.697	TBD		2.091	
Operational Test & Evaluation													0.000	
Tooling													0.000	
GFE													0.000	
Subtotal T&E			0.000	0.844		0.695		0.552		0.697		0.000	2.091	
Remarks:														
Contractor Engineering Support													0.000	
Government Engineering Support													0.000	
Program Management Support													0.000	
Travel													0.000	
Labor (Research Personnel)													0.000	
Overhead													0.000	
Subtotal Management			0.000	0.000		0.000		0.000		0.000		0.000	0.000	
Remarks:														
Total Cost			0.000	0.844		0.695		0.552		0.697		0.000	2.091	
Remarks:														

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EXHIBIT R4, Schedule Profile																							DATE: February 2003									
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5										PROGRAM ELEMENT NUMBER AND NAME 0604910N Navy IT DevMod										PROJECT NUMBER AND NAME T2902 Smart Card Program												
Fiscal Year	2002				2003				2004				2005				2006				2007				2008				2009			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Acquisition Milestones																																
Pilot Execution																																
Test & Evaluation Milestones																																
Development Test																																
Operational Test																																
Production Milestones																																
LRIP I FY 05																																
LRIP II FY 06																																
FRP FY 07																																
Deliveries																																

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* Not required for Budget Activities 1, 2, 3, and 6

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Exhibit R-4a, Schedule Detail						DATE: February 2003		
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-5	PROGRAM ELEMENT 0604910N Navy IT Dev/Mod				PROJECT NUMBER AND NAME T2902 Smart Card Program			
Schedule Profile	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Prototype Phase	2Q-4Q	1Q-4Q	1Q-4Q	1Q-4Q				
System Design Review (SDR)								
Milestone II (MSII)								
Contract Preparation								
Software Specification Review (SSR)								
Preliminary Design Review (PDR)								
System Development								
Critical Design Review (CDR)								
Quality Design and Build								
Test Readiness Review (TRR)								
Developmental Testing (DT-IIA)								
Eng Dev Model (EDM) Radar Delivery - Lab								
Software Delivery 1XXSW								
Preproduction Readiness Review (PRR)								
EDM Radar Delivery - Flt Related								
Milestone C (MS C)								
Operational Testing (OT-IIA)								
Start Low-Rate Initial Production I (LRIP I)								
Software Delivery 2XXSW								
Developmental Testing (DT-IIB1)								
Developmental Testing (DT-IIB2)								
Start Low-Rate Initial Production II								
Operational Testing (OT-IIB)								
Developmental Testing (DT-IIC)								
Functional Configuration Audit (FCA)								
Low-Rate Initial Production I Delivery								
Technical Evaluation (TECHEVAL)								
Physical Configuration Audit								
Operational Evaluation (OT-IIC) (OPEVAL)								
Low-Rate Initail Production II Delivery								
IOC								
Full Rate Production (FRP) Decision								
Full Rate Production Start								
First Deployment								

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