

EXHIBIT R-2, RDT&E Budget Item Justification							DATE: <b>February 2005</b>	
APPROPRIATION/BUDGET ACTIVITY <b>RESEARCH DEVELOPMENT TEST &amp; EVALUATION, NAVY / BA-7</b>					R-1 ITEM NOMENCLATURE 0101402N Navy Strategic Communications			
COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Total PE Cost	23.994	26.961	31.443	22.739	17.272			
0793 E-6 Service Life Assessment	4.927	1.192	3.913					
3002 Navy Strategic Communications Block 1	19.067	25.769	27.530	22.739	17.272			
<b>A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:</b> (0793) A Service Life Assessment of selected critical components is being performed on the E-6B. The original service life of this airframe was 27,000 hours based on a prescribed weight and expected operational usage. Current weight and operational usage exceed those original values and lessen, by some unknown value, the original 27,000 hour airframe service life. SLAP is a two- phase program. Phase 1 is conducting a general study to define the critical locations using data gathered from the fleet and previous test data. Phase 1A will use data gathered during Phase 1 to develop a finite element model. Phase 2 will conduct the detailed analyses of the critical locations. The contractor will analyze fleet aircraft and review onboard recorder data in order to generate an updated loads spectrum. The contractor will update the external/internal loads analysis associated with the updated loads spectrum and operational usage data. Utilizing the data from the first two steps, the contractor will update the existing E-6 Durability and Damage Tolerance Assessments. This data will then allow the contractor to update the Reliability-Centered Maintenance (RCM) analysis, and optimize the E-6 Maintenance Plans. The contractor will perform preliminary high level trade studies of potential modifications to increase the service life. (3002) The E-6B Block I program corrects Airborne National Command Post program FOT&E operational suitability deficiencies and addresses legacy system obsolescence issues. Without the Block I program, legacy system obsolescence will result in several unsupportable mission systems by 2010. Block I consists of the design, development, integration, and testing of the replacements for the existing Digital Airborne Intercommunications Switching System (DAISS)/Intercommunications System (ICS), Mission Computer System (MCS), and Ultra-High Frequency Command, Control and Communications (UHF C3) system. The Block I project also incorporates an Open Systems Architecture (OSA), adds improved operator workstations throughout the aircraft which, in addition to reducing workload and improving system interoperability, provides a foundation for future evolutionary upgrades. Other modifications enhance power and cooling capabilities for ground operations without any ground support. Block I was STRATCOM's POM-02 Integrated Priority List (IPL) no. 1 item, was fully supported in STRATCOM's PR-03 IPL and is a key capability in STRATCOM's POM 06 IPL Capabilities Matrix. Secretary of Defense's March 2003 Nuclear Posture Review implementation requires that the service fund E-6 sustainability, survivability, and modernization. The 2004-2009 Defense Planning Guidance supports accelerated completion of the Block I program.								

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## CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification							DATE: <b>February 2005</b>	
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-7</b>	PROGRAM ELEMENT NUMBER AND NAME 0101402N Navy Strategic Communications				PROJECT NUMBER AND NAME 0793 E-6 Service Life Assessment			
COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Project Cost	4.927	1.192	3.913					
RDT&E Articles Qty								

### A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

(0793) A Service Life Assessment of selected critical components is being performed on the E-6B. The original service life of this airframe was 27,000 hours based on a prescribed weight and expected operational usage. Current weight and operational usage exceed those original values and lessen, by some unknown value, the original 27,000 hour airframe service life. SLAP is a two- phase program. Phase 1 is conducting a general study to define the critical locations using data gathered from the fleet and previous test data. Phase 1A will use data gathered during Phase 1 to develop a finite element model. Phase 2 will conduct the detailed analyses of the critical locations. The contractor will analyze fleet aircraft and review onboard recorder data in order to generate an updated loads spectrum. The contractor will update the external/internal loads analysis associated with the updated loads spectrum and operational usage data. Utilizing the data from the first two steps, the contractor will update the existing E-6 Durability and Damage Tolerance Assessments. This data will then allow the contractor to update the Reliability-Centered Maintenance (RCM) analysis, and optimize the E-6 Maintenance Plans. The contractor will perform preliminary high level trade studies of potential modifications to increase the service life.

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APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-7</b>	PROGRAM ELEMENT NUMBER AND NAME 0101402N Navy Strategic Communications	PROJECT NUMBER AND NAME 0793 E-6 Service Life Assessment		
<b>B. Accomplishments/Planned Program</b>				
	FY 04	FY 05	FY 06	FY 07
Engineering & Technical Support / \$10.032	4.927	1.192	3.913	
RDT&E Articles Quantity				
<p>Funding supports the E-6 Service Life Assessment Program, which includes the following efforts: assemble and deliver GFI; assist contractor in developing critical location selection criteria; develop finite element model; perform RCM Analysis; assess scheduled maintenance impacts; perform supportability analysis; attend technical review meetings; review and correct CDRs; determine the load-to-strain/stress relationships for each critical location; generate a service spectra and calculate critical location fatigue lives that 85 percent of the fleet should exceed; perform damage tolerance analysis to determine critical location inspection techniques and intervals; evaluate life enhancement potential for life-critical locations; modify the LOOPIN fatigue damage algorithms to accept available individual aircraft data (3M, NAVAIR form 13920/1, Structural Data Recording Set (SDRS), and structural configuration) to calculate individual aircraft fatigue life expended (FLE) values for all critical locations; validate SDRS for baseline individual aircraft FLE values; develop damage tolerance algorithms to accept available individual aircraft data (3M, NAVAIR form 13920/1, Structural Data Recording Set (SDRS), and structural configuration) to calculate individual aircraft crack size (growth) values for all critical locations.</p>				

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Exhibit R-2a, RDTEN Project Justification  
(Exhibit R-2a, page 3 of 18)

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EXHIBIT R-2a, RDT&E Project Justification			DATE: <b>February 2005</b>	
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-7</b>	PROGRAM ELEMENT NUMBER AND NAME 0101402N Navy Strategic Communications	PROJECT NUMBER AND NAME 0793 E-6 Service Life Assessment		

**C. PROGRAM CHANGE SUMMARY:**

Funding:	FY 04	FY 05	FY 06	FY 07
Previous President's Budget:	3.093	3.228	4.217	
Current BES/President's Budget	4.927	1.192	3.913	
Total Adjustments	1.834	-2.036	-0.304	0.000
Summary of Adjustments				
Congressional program reductions				
Congressional undistributed reductions		-0.036		
Congressional rescissions				
SBIR/STTR Transfer	-0.064			
Other adjustments		-2.000	-0.457	
Economic Assumptions			0.153	
Reprogrammings	1.898			
Congressional increases				
Subtotal	1.834	-2.036	-0.304	0.000

Schedule:

The change in schedule is due to a delay in the Phase I contract award.

Technical:

Not Applicable.

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APPROPRIATION/BUDGET ACTIVITY <b>RDTE, N / BA-7</b>			PROGRAM ELEMENT NUMBER AND NAME 0101402N Navy Strategic Communications			PROJECT NUMBER AND NAME 0793 E-6 Service Life Assessment			

**D. OTHER PROGRAM FUNDING SUMMARY:**

<u>Line Item No. &amp; Name</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>	<u>FY 2010</u>	<u>FY 2011</u>	<u>To Complete</u>	<u>Total Cost</u>
056400 E-6 A/B Series	48.023	19.645	11.219	17.384	59.932	69.395	70.760	72.186	133.713	502.257

**E. ACQUISITION STRATEGY:**

SLAP is a sole source program due to the proprietary nature of the data needed to complete the required studies and analyses. Each phase of SLAP will be awarded a separate cost-reimbursable delivery order under a Basic Ordering Agreement (BOA) with Boeing.

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CLASSIFICATION:

Exhibit R-3 Cost Analysis (page 1)								DATE: February 2005				
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NUMBER AND NAME						
RDT&E, N / BA-7			0101402N Navy Strategic Communications			0793 E-6 Service Life Assessment						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
Subtotal Product Development			0.000	0.000		0.000		0.000		0.000	0.000	
Remarks:												
Studies & Analyses - Phases 1, 1A & 2	SS/CPFF	Boeing Wichita, KS	3.886	0.106	Various	2.827	10/05				6.819	6.819
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
Subtotal Support			3.886	0.106		2.827		0.000		0.000	6.819	
Remarks:												

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Exhibit R-3 Cost Analysis (page 2)										DATE: <b>February 2005</b>		
APPROPRIATION/BUDGET ACTIVITY <b>RDTE, N / BA-7</b>			PROGRAM ELEMENT 0101402N Navy Strategic Communications			PROJECT NUMBER AND NAME 0793 E-6 Service Life Assessment						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
Subtotal T&E			0.000	0.000		0.000		0.000		0.000	0.000	
Remarks:												
Government Engineering Support	WX	NAWC AD, PAX River, MD	1.028	0.792	10/04	0.573	10/05				2.393	
Government Engineering Support	WX	NADEP JAX, FL	0.582	0.274	10/04	0.493	10/05				1.349	
Contractor Engineering Support	FFP/T&M	Titan, Lexington Park, MD	0.035								0.035	0.035
Travel	Various	Various	0.002	0.020	Various	0.020	Various				0.042	
											0.000	
											0.000	
Subtotal Management			1.647	1.086		1.086		0.000		0.000	3.819	
Remarks:												
Total Cost			5.533	1.192		3.913		0.000		0.000	10.638	
Remarks:												

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Exhibit R-3, Project Cost Analysis  
(Exhibit R-3, page 7 of 18)

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EXHIBIT R4, Schedule Profile																								DATE:								
February 2005																																
APPROPRIATION/BUDGET ACTIVITY										PROGRAM ELEMENT NUMBER AND NAME										PROJECT NUMBER AND NAME												
RDT&E, N / BA-7										0101402N Navy Strategic Communications										0793 E-6 Service Life Assessment												
Fiscal Year	2004				2005				2006				2007				2008				2009				2010				2011			
	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				
Contract Award (Phase 1)		▲	Contract Award (Phase 1)																													
SLAP Phase 1 - Load and Stress Analysis and Critical Area Selection		■							Phase 1																							
Contract Award (Phase 1A)			▲	Contract Award (Phase 1A)																												
SLAP Phase 1A - Finite element model			■							Phase 1A																						
Contract Award (Phase 2)									▲	Contract Award (Phase 2)																						
SLAP Phase 2 - Detailed Analysis of Critical Areas with SLEP Modification Recommendations										■						Phase 2																
Milestone C													▲	MS-C																		

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



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EXHIBIT R-2a, RDT&E Project Justification							DATE: <b>February 2005</b>	
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-7</b>	PROGRAM ELEMENT NUMBER AND NAME 0101402N Navy Strategic Communications				PROJECT NUMBER AND NAME 3002 Navy Strategic Communications Block 1			
COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Project Cost	19.067	25.769	27.530	22.739	17.272			
RDT&E Articles Qty		1	1					

### A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

(3002) The E-6B Block I program corrects Airborne National Command Post program FOT&E operational suitability deficiencies and addresses legacy system obsolescence issues. Without the Block I program, legacy system obsolescence will result in several unsupportable mission systems by 2010. Block I consists of the design, development, integration, and testing of the replacements for the existing Digital Airborne Intercommunications Switching System (DAISS)/Intercommunications System (ICS), Mission Computer System (MCS), and Ultra-High Frequency Command, Control and Communications (UHF C3) system. The Block I project also incorporates an Open Systems Architecture (OSA), adds improved operator workstations throughout the aircraft which, in addition to reducing workload and improving system interoperability, provides a foundation for future evolutionary upgrades. Other modifications enhance power and cooling capabilities for ground operations without any ground support. Systems Integration Lab (SIL) RDT&E articles will be procured and installed to support CT, DT, and OT testing. The SIL comprises a fully functional set of E-6B mission avionics in a lab environment. The purpose of the SIL is risk reduction and design verification prior to pre-production aircraft modification. During CT, DT, and OT, the SIL will be used where feasible to reduce total flight test hours and costs. Pre-production aircraft RDT&E articles will be procured to support CT, DT, and OT testing.

Block I was STRATCOM's POM-02 Integrated Priority List (IPL) no. 1 item, was fully supported in STRATCOM's PR-03 IPL and is a key capability in STRATCOM's POM 06 IPL Capabilities Matrix. Secretary of Defense's March 2003 Nuclear Posture Review implementation requires that the service fund E-6 sustainability, survivability, and modernization. The 2004-2009 Defense Planning Guidance supports accelerated completion of the Block I program.

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<b>B. Accomplishments/Planned Program</b>																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"></td> <td style="width: 15%; text-align: center;">FY 04</td> <td style="width: 15%; text-align: center;">FY 05</td> <td style="width: 15%; text-align: center;">FY 06</td> <td style="width: 15%; text-align: center;">FY 07</td> </tr> <tr> <td>Acquisition planning &amp; field activity support</td> <td style="text-align: center;">4.301</td> <td style="text-align: center;">2.711</td> <td style="text-align: center;">5.278</td> <td style="text-align: center;">4.435</td> </tr> <tr> <td>RDT&amp;E Articles Quantity</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p style="margin-top: 10px;">Funding supports acquisition planning, acquisition strategy adjustment, requirements analysis and refinement, industry conferences, DoD 5000 series document development and revision, program management, technical review and oversight, Systems Integration Lab modification and test, contract management activities, preliminary and critical design reviews, CDRL reviews, technical interchange and program management meetings; developmental and operational test and evaluation planning, execution, and reporting in support of government review and design approval for the replacement of DAISS, MCS, UHF C3 System, incorporation of OSA with new servers and operator stations, and fixes in ground power and cooling capabilities for austere operations.</p>						FY 04	FY 05	FY 06	FY 07	Acquisition planning & field activity support	4.301	2.711	5.278	4.435	RDT&E Articles Quantity				
	FY 04	FY 05	FY 06	FY 07															
Acquisition planning & field activity support	4.301	2.711	5.278	4.435															
RDT&E Articles Quantity																			
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	FY 04	FY 05	FY 06	FY 07															
A&AS (engineering, mgmt support, analysis)	3.751	2.440	2.480	2.520															
RDT&E Articles Quantity																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"></td> <td style="width: 15%; text-align: center;">FY 04</td> <td style="width: 15%; text-align: center;">FY 05</td> <td style="width: 15%; text-align: center;">FY 06</td> <td style="width: 15%; text-align: center;">FY 07</td> </tr> <tr> <td>Prime Systems Development</td> <td style="text-align: center;">11.015</td> <td style="text-align: center;">20.618</td> <td style="text-align: center;">19.772</td> <td style="text-align: center;">15.152</td> </tr> <tr> <td>RDT&amp;E Articles Quantity</td> <td></td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td></td> </tr> </table> <p style="margin-top: 10px;">Funding supports all prime contract tasks following award for Block I program initiation, engineering research, design development, integration and test of OSA, MCS, DAISS, power, cooling, and other subsystems related to Block I; preparations and conduct of design reviews (engineering, logistics, training, test) including PDR, CDR, and TRRs; Systems Integration Laboratory modification, preparation for and presentation of the Block I design, contractor developmental test and evaluation planning, and leading to LRIP approval and award.</p>						FY 04	FY 05	FY 06	FY 07	Prime Systems Development	11.015	20.618	19.772	15.152	RDT&E Articles Quantity		1	1	
	FY 04	FY 05	FY 06	FY 07															
Prime Systems Development	11.015	20.618	19.772	15.152															
RDT&E Articles Quantity		1	1																

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**Exhibit R-2a, RDTEN Project Justification**  
(Exhibit R-2a, page 11 of 18)

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## CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification		DATE: <b>February 2005</b>		
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-7</b>	PROGRAM ELEMENT NUMBER AND NAME 0101402N Navy Strategic Communications	PROJECT NUMBER AND NAME 3002 Navy Strategic Communications Block 1		
<b>B. Accomplishments/Planned Program (Cont.)</b>				
	FY 04	FY 05	FY 06	FY 07
Contractor/Developmental Testing				0.632
RDT&E Articles Quantity				
<p>Funding supports Contractor/Developmental Testing. Contractor and Government development tests include all activities necessary for the planning, execution, and reporting of tests and demonstrations necessary to verify and validate the E-6B Block I design in support of a determination of readiness to enter OPEVAL. CT and DT will be conducted using the Systems Integration Laboratory and pre-production aircraft. The SIL will be used where feasible to prototype, verify, and validate the design prior to aircraft modification, and train DT and OT aircrews and maintainers. Pre-production aircraft testing includes ground qualification testing and design verification and validation flight testing.</p>				

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EXHIBIT R-2a, RDT&E Project Justification			DATE:
			<b>February 2005</b>
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME	
<b>RDT&amp;E, N / BA-7</b>	0101402N Navy Strategic Communications	3002 Navy Strategic Communications Block 1	

### C. PROGRAM CHANGE SUMMARY:

Funding:	FY 04	FY 05	FY 06	FY 07
Previous President's Budget:	19.942	28.163	28.321	23.406
Current BES/President's Budget	19.067	25.769	27.530	22.739
Total Adjustments	-0.875	-2.394	-0.791	-0.667
Summary of Adjustments				
Congressional program reductions				
Congressional undistributed reductions		-0.289		
Congressional rescissions				
SBIR/STTR Transfer	-0.526			
Other adjustments		-2.105	-1.053	-1.005
Economic Assumptions	-0.018		0.262	0.338
Reprogrammings	-0.331			
Congressional increases				
Subtotal	-0.875	-2.394	-0.791	-0.667

### Schedule:

Schedule changes are due to a delay in the approval of the ORD, which caused a subsequent delay in the approval of various acquisition documents that were necessary for a Milestone B decision and contract award.

### Technical:

Not Applicable.

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Exhibit R-2a, RD TEN Project Justification  
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EXHIBIT R-2a, RDT&E Project Justification								DATE: <b>February 2005</b>	
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-7</b>			PROGRAM ELEMENT NUMBER AND NAME 0101402N Navy Strategic Communications			PROJECT NUMBER AND NAME 3002 Navy Strategic Communications Block 1			

**D. OTHER PROGRAM FUNDING SUMMARY:**

<u>Line Item No. &amp; Name</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>	<u>FY 2010</u>	<u>FY 2011</u>	<u>To Complete</u>	<u>Total Cost</u>
056400 E-6 A/B Series	48.023	19.645	11.219	17.384	59.932	69.395	70.760	72.186	133.713	502.257

**E. ACQUISITION STRATEGY:**

Competitively awarded Cost Plus Award Fee (CPAF) development contract with follow on Firm Fixed Price (FFP) production contract.

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Exhibit R-3 Cost Analysis (page 1)								DATE: <b>February 2005</b>				
APPROPRIATION/BUDGET ACTIVITY <b>RDTE, N / BA-7</b>			PROGRAM ELEMENT 0101402N Navy Strategic Communications			PROJECT NUMBER AND NAME 3002 Navy Strategic Communications Block 1						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Primary Hardware Development	C/CPAF	Rockwell, Cedar Rapids, IA	9.365	17.720	11/04	17.258	11/05	13.241	11/06	11.566	69.150	69.150
Award Fees	C/CPAF	Rockwell, Cedar Rapids, IA	1.650	2.898	Various	2.514	Various	1.911	Various	1.377	10.350	10.350
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
Subtotal Product Development			11.015	20.618		19.772		15.152		12.943	79.500	
Remarks: The first award fee for the prime contract was for the six month evaluation period from April 2004 -September 2004 and was obligated in November 2004.												
Studies & Analyses	Various	Various A&AS	2.830	0.111	10/04	0.112	10/05	0.113	10/06	0.071	3.237	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
Subtotal Support			2.830	0.111		0.112		0.113		0.071	3.237	
Remarks:												

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Exhibit R-3 Cost Analysis (page 2)								DATE: <b>February 2005</b>				
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NUMBER AND NAME						
<b>RDT&amp;E, N / BA-7</b>			0101402N Navy Strategic Communications			3002 Navy Strategic Communications Block 1						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	WX	NAWC AD, PAX River, MD						0.632	03/07		0.632	
Operational Test & Evaluation	WX	NAWC AD, PAX River, MD								1.095	1.095	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
Subtotal T&E			0.000	0.000		0.000		0.632		1.095	1.727	
Remarks:												
Program Management Support	Various	Various A&AS	5.020	1.213	Various	1.231	Various	1.249	Various	0.771	9.484	
Government Engineering Support	WX	NAWC AD, PAX River, MD	10.505	1.858	10/04	3.807	10/05	3.050	10/06	0.869	20.089	
Government Engineering Support	WX	NADEP JAX, FL	0.615	0.228	10/04	0.286	10/05	0.291	10/06	0.296	1.716	
Government Engineering Support	Various	NAWC TSD Orlando, FL	0.542	0.102	10/04	0.219	10/05	0.222	10/06	0.227	1.312	
Government Engineering Support	WX	Various	0.606	0.123	10/04	0.466	10/05	0.372	10/06	0.079	1.646	
Contractor Engineering Support	Various	Various A&AS	5.615	1.116	Various	1.137	Various	1.158	Various	0.521	9.547	
Travel		Various	0.643	0.400	Various	0.500	Various	0.500	Various	0.400	2.443	
											0.000	
Subtotal Management			23.546	5.040		7.646		6.842		3.163	46.237	
Remarks:												
Total Cost			37.391	25.769		27.530		22.739		17.272	130.701	
Remarks:												

R-1 SHOPPING LIST - Item No. 167

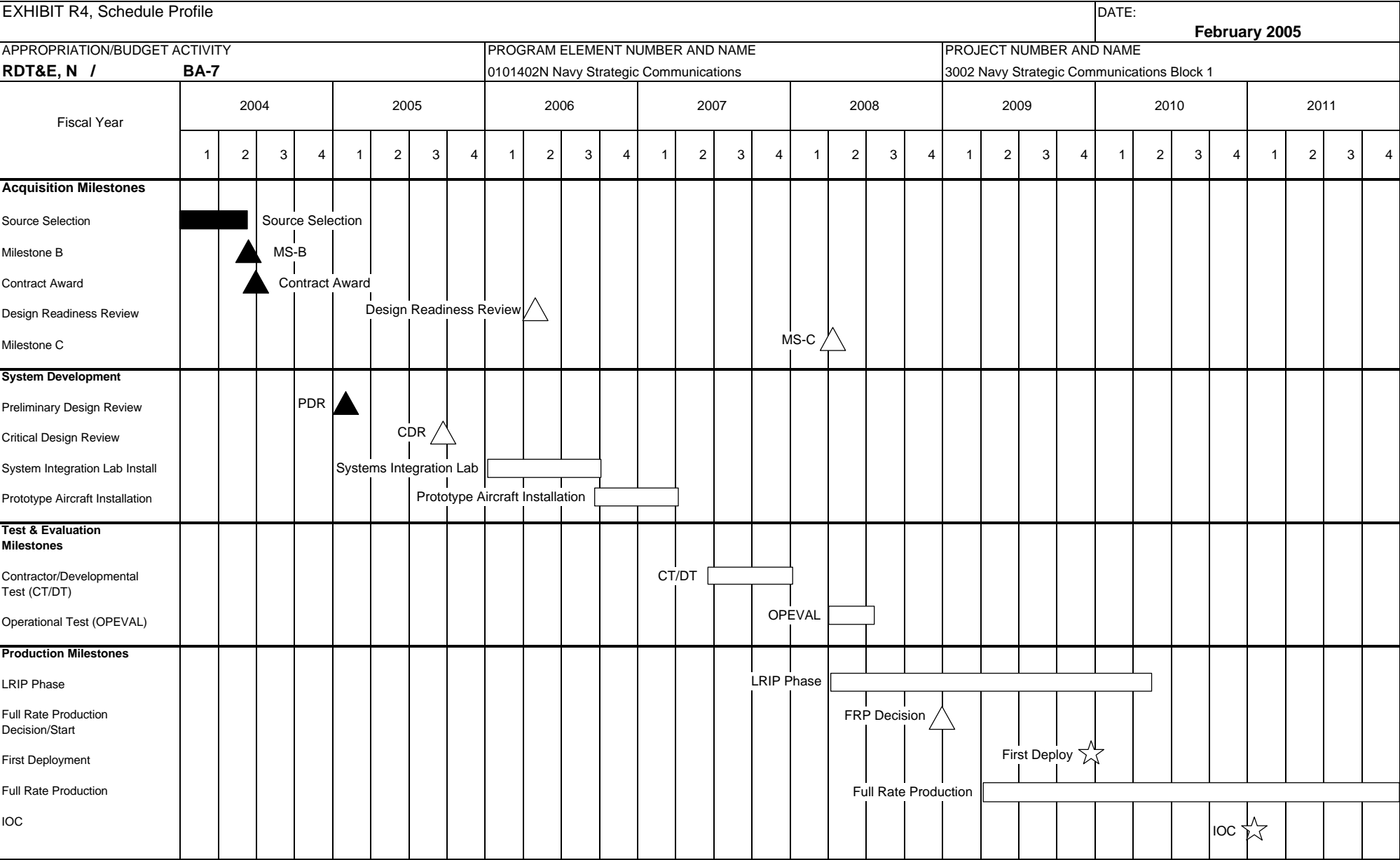
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Exhibit R-3, Project Cost Analysis  
(Exhibit R-3, page 16 of 18)



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CLASSIFICATION:



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

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# UNCLASSIFIED

## CLASSIFICATION:

Exhibit R-4a, Schedule Detail						DATE: <b>February 2005</b>		
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-7</b>		PROGRAM ELEMENT 0101402N Navy Strategic Communications				PROJECT NUMBER AND NAME 3002 Navy Strategic Communications Block 1		
Schedule Profile	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Source Selection	1Q-2Q							
Milestone B (MS-B)	2Q							
Contract Award	2Q							
Preliminary Design Review (PDR)		1Q						
Critical Design Review (CDR)		3Q						
Design Readiness Review			2Q					
Systems Integration Lab			1Q-4Q					
Aircraft Installation			3Q-4Q	1Q-2Q				
Contractor/Developmental Testing (CT/DT)				2Q-4Q				
Milestone C (MS-C)								
Operational Testing (OPEVAL)								
LRIP Phase								
Full Rate Production (FRP) Decision/Start								
First Deployment								
Full Rate Production (FRP)								
IOC								

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Exhibit R-4a, Schedule Detail  
(Exhibit R-4a, page 18 of 18)