

**CLASSIFICATION:**

**UNCLASSIFIED**

[illegible]

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

(H0793) A Service Life Assessment of selected critical components will be 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. 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, Individual Aircraft Tracking (IAT), and optimize the E-6 Maintenance Plans. The contractor will perform preliminary high level trade studies of potential modifications to increase the service life.

(H3002) 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 is STRATCOM's FY02 Integrated Priority List (IPL) no. 1 item and is fully supported in STRATCOM's FY03 IPL. 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.

R-1 SHOPPING LIST - Item No.

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**Exhibit R-2, RD TEN Budget Item Justification**  
(Exhibit R-2, page 1 of 17)

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## CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification							DATE: <b>February 2004</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 H0793 E-6 Service Life Assessment			
COST (\$ in Millions)		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Project Cost		0.795	3.093	3.228	4.217			
RDT&E Articles Qty								

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

(H0793) A Service Life Assessment of selected critical components will be performed on the E-6B. The original service life of this airframe was 27,000 hrs 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 hr airframe service life. 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, Individual Aircraft Tracking (IAT), 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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## CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification			DATE: <b>February 2004</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 H0793 E-6 Service Life Assessment		
<b>B. Accomplishments/Planned Program</b>				
		FY 03	FY 04	FY 05
Engineering and Technical Support / \$7.116		0.795	3.093	3.228
RDT&E Articles Quantity N/A				
<p>Funding supports the E-6 Service Life Assessment Program, which includes the following efforts: Assemble and deliver GFI; review and correct CDRLs; assist contractor in developing critical location selection criteria; perform RCM Analysis; assess scheduled maintenance impacts; perform supportability analysis; attend technical review meetings; 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 17)

# UNCLASSIFIED

## CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification			DATE: <b>February 2004</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 H0793 E-6 Service Life Assessment		

**C. PROGRAM CHANGE SUMMARY:**

Funding:	FY 2003	FY 2004	FY 2005
Previous President's Budget:	2.829	3.128	0.979
Current BES/President's Budget	0.795	3.093	3.228
Total Adjustments	-2.034	-0.035	2.249
Summary of Adjustments			
Congressional program reductions			
Congressional undistributed reductions		-0.035	
Congressional rescissions			
SBIR/STTR Transfer	-0.057		
Economic Assumptions			-0.011
Reprogrammings	-1.977		
Other Navy/OSD Adjustments			
Congressional increases			
Reprioritization			2.260
Subtotal	-2.034	-0.035	2.249

Schedule:

The change in schedule is due to the funding realignment that occurred during the Navy's review of the SLAP budget.

Technical:

Not Applicable

R-1 SHOPPING LIST - Item No. 164

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Exhibit R-2a, RDTE Project Justification  
(Exhibit R-2a, page 4 of 17)

# UNCLASSIFIED

## CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification							DATE: <b>February 2004</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 H0793 E-6 Service Life Assessment																								
<p><b>D. OTHER PROGRAM FUNDING SUMMARY:</b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Line Item No. &amp; Name</th> <th style="text-align: center; border-bottom: 1px solid black;">FY 2003</th> <th style="text-align: center; border-bottom: 1px solid black;">FY 2004</th> <th style="text-align: center; border-bottom: 1px solid black;">FY 2005</th> <th style="text-align: center; border-bottom: 1px solid black;">FY 2006</th> <th style="text-align: center; border-bottom: 1px solid black;">FY 2007</th> <th style="text-align: center; border-bottom: 1px solid black;">FY 2008</th> <th style="text-align: center; border-bottom: 1px solid black;">FY 2009</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 style="padding-top: 10px;">056400 E-6A/B Series</td> <td style="text-align: center; padding-top: 10px;">56.076</td> <td style="text-align: center; padding-top: 10px;">48.157</td> <td style="text-align: center; padding-top: 10px;">19.721</td> <td style="text-align: center; padding-top: 10px;">11.462</td> <td style="text-align: center; padding-top: 10px;">17.568</td> <td style="text-align: center; padding-top: 10px;">59.687</td> <td style="text-align: center; padding-top: 10px;">69.158</td> <td style="text-align: center; padding-top: 10px;">232.475</td> <td style="text-align: center; padding-top: 10px;">514.304</td> </tr> </tbody> </table> <p style="margin-top: 20px;"><b>E. ACQUISITION STRATEGY: *</b></p> <p style="margin-top: 10px;">SLAP will be a sole source program due to the proprietary nature of the data needed to complete required studies and analyses. This will be a Cost Reimbursable Contract. Contract Award is expected in 2nd quarter FY04. SLAP analysis is the precursor to an effective SLEP program, needed to keep this aircraft a viable Strategic Asset.</p> <p><b>F. MAJOR PERFORMERS: **</b></p>										Line Item No. & Name	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Cost	056400 E-6A/B Series	56.076	48.157	19.721	11.462	17.568	59.687	69.158	232.475	514.304
Line Item No. & Name	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Cost																				
056400 E-6A/B Series	56.076	48.157	19.721	11.462	17.568	59.687	69.158	232.475	514.304																				

R-1 SHOPPING LIST - Item No. 164

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## CLASSIFICATION:

Exhibit R-3 Cost Analysis (page 1)								DATE: February 2004				
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NUMBER AND NAME						
RDT&E, N / BA-7			0101402N Navy Strategic Communications			H0793 E-6 Service Life Assessment						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	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
											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	SS/CPFF	Boeing Seattle, WA				2.348	03/04	1.537	10/04	1.252	5.137	5.137
Studies & Analyses - IAT	SS/CPFF	Boeing Seattle, WA						0.664	10/04	1.879	2.543	2.543
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
Subtotal Support			0.000	0.000		2.348		2.201		3.131	7.680	
Remarks:												

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## CLASSIFICATION:

Exhibit R-3 Cost Analysis (page 2)										DATE: <b>February 2004</b>		
APPROPRIATION/BUDGET ACTIVITY <b>RDTE, N / BA-7</b>			PROGRAM ELEMENT 0101402N Navy Strategic Communications			PROJECT NUMBER AND NAME H0793 E-6 Service Life Assessment						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	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
											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	NAWCAD PAX RIVER, MD		0.544	10/02	0.398	10/03	0.545	10/04	0.573	2.060	
Government Engineering Support	WX	NADEP JAX, FL		0.251	10/02	0.327	10/03	0.462	10/04	0.493	1.533	
Travel	Various	Various				0.020	Various	0.020	Various	0.020	0.060	
											0.000	
											0.000	
											0.000	
Subtotal Management			0.000	0.795		0.745		1.027		1.086	3.653	
Remarks:												
Total Cost			0.000	0.795		3.093		3.228		4.217	11.333	
Remarks: There is no Product Development related to this program.												

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CLASSIFICATION:

EXHIBIT R4, Schedule Profile																								DATE:								
APPROPRIATION/BUDGET ACTIVITY									PROGRAM ELEMENT NUMBER AND NAME												PROJECT NUMBER AND NAME											
RDT&E, N / BA-7									0101402N Navy Strategic Communications												H0793 E-6 Service Life Assessment											
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				
Contract Award																																
SLAP Phase 1 - Load and Stress Analysis and Critical Area Selection																																
SLAP Phase 2 - Detailed Analysis of Critical Areas with SLEP Modification Recommendations																																
SLAP Phase 3 - Individual Aircraft Tracking (IAT) System																																

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



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[illegible]

R-1 SHOPPING LIST - Item No. 164

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**Exhibit R-4a, Schedule Detail**  
(Exhibit R-4a, page 9 of 17)

# UNCLASSIFIED

## CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification							DATE: <b>February 2004</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 H3002 Navy Strategic Communications Project Block 1			
COST (\$ in Millions)		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Project Cost		13.842	19.942	28.163	28.321	23.406	17.591	
RDT&E Articles Qty								

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

(H3002) 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 is STRATCOM's FY02 Integrated Priority List (IPL) no. 1 item and is fully supported in STRATCOM's FY03 IPL. 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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EXHIBIT R-2a, RDT&E Project Justification			DATE: <b>February 2004</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 H3002 Navy Strategic Communications Project Block 1																	
<b>B. Accomplishments/Planned Program</b>																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%;"></td> <td style="width: 15%; text-align: center;">FY 03</td> <td style="width: 15%; text-align: center;">FY 04</td> <td style="width: 15%; text-align: center;">FY 05</td> </tr> <tr> <td>Acquisition Planning &amp; Milestone Documentation /\$18.061M</td> <td></td> <td style="text-align: center;">6.977</td> <td style="text-align: center;">5.176</td> <td style="text-align: center;">5.908</td> </tr> <tr> <td>RDT&amp;E Articles Quantity      N/A</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">                     Funding supports acquisition planning initiation, acquisition strategy development &amp; implementation, requirements and request for proposal development &amp; refinement, industry conferences, DoD 5000 series document development, program management, technical review and oversight, Systems Integration Lab preparation, contract award activities, preliminary and critical design reviews, CDRL reviews, technical interchange meetings, developmental and operational test and evaluation planning, 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.                 </div>							FY 03	FY 04	FY 05	Acquisition Planning & Milestone Documentation /\$18.061M		6.977	5.176	5.908	RDT&E Articles Quantity      N/A				
		FY 03	FY 04	FY 05															
Acquisition Planning & Milestone Documentation /\$18.061M		6.977	5.176	5.908															
RDT&E Articles Quantity      N/A																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%;"></td> <td style="width: 15%; text-align: center;">FY 03</td> <td style="width: 15%; text-align: center;">FY 04</td> <td style="width: 15%; text-align: center;">FY 05</td> </tr> <tr> <td>Engineering, Mgmt., Studies &amp; Analysis / \$13.920M</td> <td></td> <td style="text-align: center;">6.865</td> <td style="text-align: center;">3.751</td> <td style="text-align: center;">3.304</td> </tr> <tr> <td>RDT&amp;E Articles Quantity      N/A</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">                     Funding supports engineering, management, trade studies, and studies and analysis contract support services for acquisition planning and development of acquisition documents, schedule development and monitoring, industry day conferences, DoD 5000 series document development, Request for Proposal (RFP) development, engineering and C3 architectural studies and analysis, Systems Integration Lab preparation, logistics planning, training planning and CDRL reviews 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.                 </div>							FY 03	FY 04	FY 05	Engineering, Mgmt., Studies & Analysis / \$13.920M		6.865	3.751	3.304	RDT&E Articles Quantity      N/A				
		FY 03	FY 04	FY 05															
Engineering, Mgmt., Studies & Analysis / \$13.920M		6.865	3.751	3.304															
RDT&E Articles Quantity      N/A																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%;"></td> <td style="width: 15%; text-align: center;">FY 03</td> <td style="width: 15%; text-align: center;">FY 04</td> <td style="width: 15%; text-align: center;">FY 05</td> </tr> <tr> <td>Prime System Development / \$29.966M</td> <td></td> <td></td> <td style="text-align: center;">11.015</td> <td style="text-align: center;">18.951</td> </tr> <tr> <td>RDT&amp;E Articles Quantity      N/A</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">                     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 (engineering, logistics, training) for PDR and CDR, preparation for and presentation of the Block I design, contractor developmental test and evaluation planning, and leading to LRIP approval and award.                 </div>							FY 03	FY 04	FY 05	Prime System Development / \$29.966M			11.015	18.951	RDT&E Articles Quantity      N/A				
		FY 03	FY 04	FY 05															
Prime System Development / \$29.966M			11.015	18.951															
RDT&E Articles Quantity      N/A																			

# UNCLASSIFIED

## CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification		DATE: <b>February 2004</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 H3002 Navy Statagic Communications Project Block 1

**C. PROGRAM CHANGE SUMMARY:**

	FY 2003	FY 2004	FY 2005
Funding:	18.073	24.229	31.712
Previous President's Budget:	13.842	19.942	28.163
Current BES/President's Budget	-4.231	-4.287	-3.549
Total Adjustments			
Summary of Adjustments			
Congressional program reductions		-0.297	
Congressional undistributed reductions			
Congressional rescissions	-0.215		
SBIR/STTR Transfer			-0.074
Economic Assumptions	-4.016		
Reprogrammings			
Other Navy/OSD Adjustments		-3.990	-3.475
Congressional increases			
Reprioritization	-4.231	-4.287	-3.549
Subtotal			

Schedule:

The change in schedule is a result of PR-05 and other funding realignments to the E-6 Block 1 Program.

Technical:

Not Applicable

R-1 SHOPPING LIST - Item No. 164

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Exhibit R-2a, RDTE Project Justification  
(Exhibit R-2a, page 12 of 17)

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CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification							DATE: <b>February 2004</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 H3002 Navy Strategic Communications Project Block 1					
<b>D. OTHER PROGRAM FUNDING SUMMARY:</b>									
<u>Line Item No. &amp; Name</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>	<u>To Complete</u>	<u>Total Cost</u>
056400 E-6A/B Series	56.076	48.157	19.721	11.462	17.568	59.687	69.158	232.475	514.304
 <b>E. ACQUISITION STRATEGY: *</b>  Competitively Award Cost Plus Development Contract with follow on FFP Production Contract.									
  <b>F. MAJOR PERFORMERS: **</b>									

R-1 SHOPPING LIST - Item No. 164

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CLASSIFICATION:

Exhibit R-3 Cost Analysis (page 1)								DATE: February 2004				
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NUMBER AND NAME						
RDT&E, N / BA-7			0101402N Navy Strategic Communications			H3002 Navy Strategic Communications Project Block 1						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	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	C/CPAF	TBD				11.015	02/04	18.951	10/04	45.634	75.600	75.600
											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		11.015		18.951		45.634	75.600	
Remarks:												
Studies & Analyses	RX	Various A&AS	0.571	1.464	10/02	0.795	10/03	0.617	10/04	1.622	5.069	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
Subtotal Support			0.571	1.464		0.795		0.617		1.622	5.069	
Remarks:												

# UNCLASSIFIED

CLASSIFICATION:

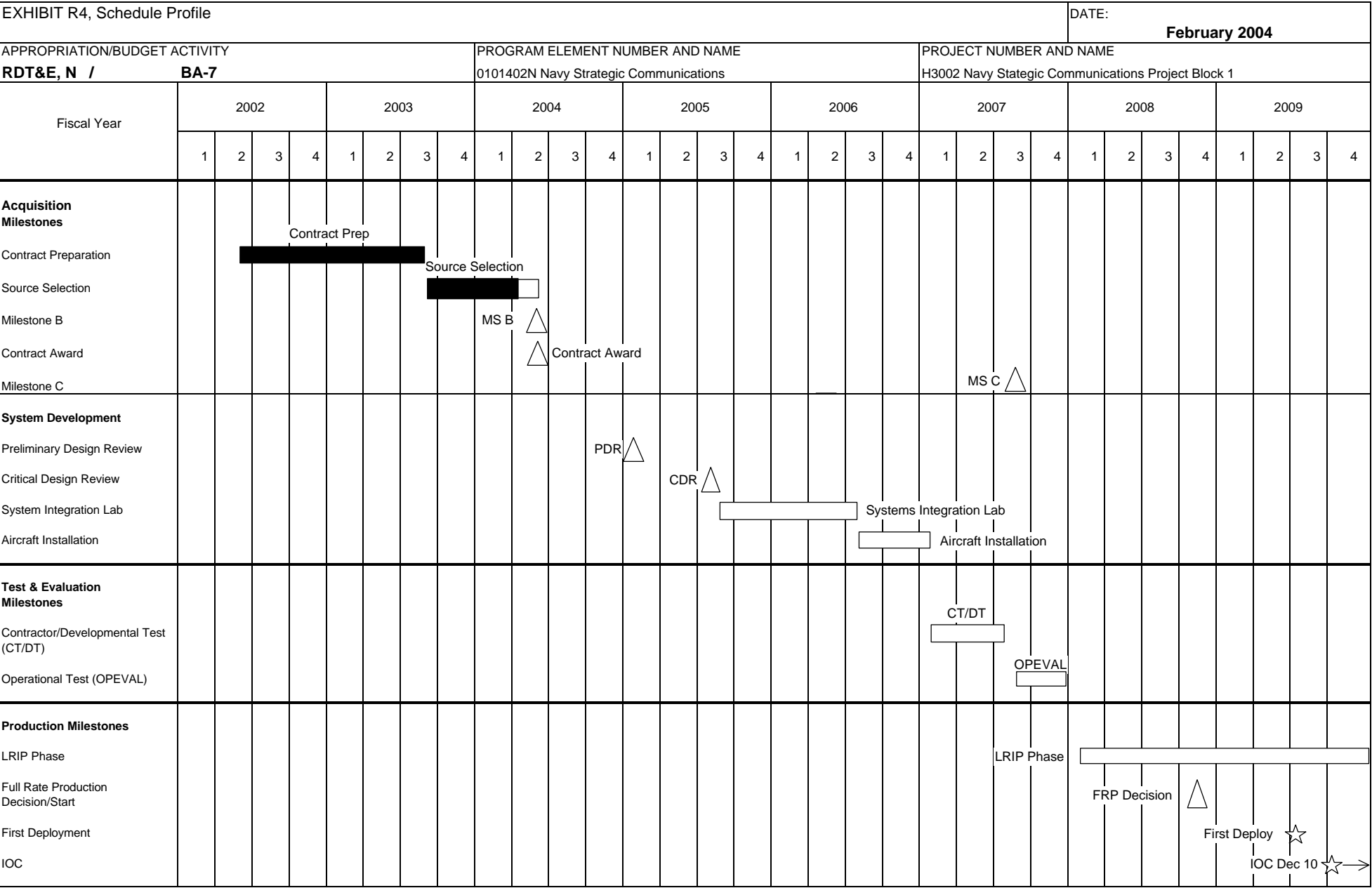
Exhibit R-3 Cost Analysis (page 2)										DATE: <b>February 2004</b>		
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NUMBER AND NAME						
<b>RDT&amp;E, N / BA-7</b>			0101402N Navy Strategic Communications			H3002 Navy Strategic Communications Project Block 1						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	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	WX	NAWCAD, Pax River, MD								0.632	0.632	
Operational Test & Evaluation	WX	NAWCAD, 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		0.000		1.727	1.727	
Remarks:												
Program Management Support	RX	Various A&AS	1.105	2.850	10/02	1.065	10/03	0.831	10/04	1.754	7.605	
Government Engineering Support	WX	NAWCAD, Pax River, MD	1.475	5.927	10/02	3.506	10/03	4.027	10/04	10.335	25.270	
Government Engineering Support	WX	NADEP JAX, FL	0.102	0.100	10/02	0.497	10/03	0.558	10/04	1.260	2.517	
Government Engineering Support	WX	NAWCTSD, Orlando, FL		0.269	10/02	0.273	10/03	0.277	10/04	0.599	1.418	
Government Engineering Support	Various	Various		0.466	10/02	0.400	10/03	0.546	10/04	0.840	2.252	
Contractor Engineering Support	RX	Various A&AS	1.173	2.551	10/02	1.891	10/03	1.856	10/04	4.047	11.518	
Travel	WX	NAWCAD, Pax River, MD	0.128	0.215	Various	0.500	Various	0.500	Various	1.500	2.843	
Subtotal Management			3.983	12.378		8.132		8.595		20.335	53.423	
Remarks:												
Total Cost			4.554	13.842		19.942		28.163		69.318	135.819	
Remarks:												

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Exhibit R-3, Project Cost Analysis  
(Exhibit R-3, page 15 of 17)

CLASSIFICATION:



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



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CLASSIFICATION:

Exhibit R-4a, Schedule Detail						DATE: <b>February 2004</b>		
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-7</b>	PROGRAM ELEMENT 0101402N Navy Strategic Communications				PROJECT NUMBER AND NAME H3002 Navy Statagic Communications Project Block 1			
Schedule Profile	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Contract Preparation	2Q-4Q	1Q-3Q						
Source Selection		3Q-4Q	1Q-2Q					
Milestone B (MS B)			2Q					
Contract Award			2Q					
Preliminary Design Review (PDR)				1Q				
Critical Design Review (CDR)				3Q				
System Integration Lab				3Q-4Q	1Q-3Q			
Aircraft Installation					3Q-4Q	1Q		
Contractor/Developmental Testing (CT/DT)						1Q-3Q		
Milestone C (MS C)						3Q		
Operational Testing (OPEVAL)						3Q-4Q		
LRIP Phase							1Q-4Q	1Q-4Q
Full Rate Production (FRP) Decision/Start							4Q	
First Deployment								3Q
IOC								2Q FY11

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Exhibit R-4a, Schedule Detail  
(Exhibit R-4a, page 17 of 17)