

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy / BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0101402N / <i>Navy Strategic Comms</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	560.870	40.121	35.451	49.424	-	49.424	44.600	25.025	25.386	25.709	Continuing	Continuing
1083: <i>Shore To Ship Com System</i>	273.686	26.628	31.799	40.642	-	40.642	35.612	20.973	21.260	21.518	Continuing	Continuing
2959: <i>Survivable Airborne Strategic Communications</i>	2.404	9.862	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	12.266
3002: <i>Navy Strategic Comm Project</i>	284.780	3.631	3.652	8.782	-	8.782	8.988	4.052	4.126	4.191	Continuing	Continuing

Note

Funds in Project Unit 2959 decrease from FY21 to FY22 due to transfer of effort to new PE 0605180N Project Unit 3259 beginning in FY22.

A. Mission Description and Budget Item Justification

The details of program element 0101402N Project 1083 are classified UNCLASSIFIED//FOUO and are submitted to Congress in the classified budget justification books. Special Handling Statement: This exhibit contains NC3-N Controlled Unclassified Information (CUI). UNCLASSIFIED//FOUO material within shall be developed, stored, and transmitted on classified networks in accordance with SPAWAR Itr 5510 Ser 00/245 19 April 2018.

Project 2959: The E-XX Take Charge and Move Out (TACAMO) Recapitalization program provides the complete replacement aircraft and mission systems for the aging E-6B aircraft. The program is intended to provide Survivable Airborne Strategic Communications in support of the President, Secretary of Defense and United States strategic and non-strategic forces. In order to provide survivable, enduring and reliable Command, Control, and Communications capability, continued effort is needed to perform technical evaluations, modeling and simulation, requirements derivation and contract development. Funding is for reducing integration risk on aircraft, developing requirements and risk reduction contracts, and a development program.

Project 3002: The E-6 is a manned airborne platform that provides survivable, enduring and reliable Command, Control and Communications capability in support of the President, Secretary of Defense and United States strategic and non-strategic forces. In order to respond effectively to emerging capability requirements, continued effort is needed to perform technical evaluations, modeling and simulation, investigative ground and flight testing, enhanced software modifications and development of configuration modifications. Funding is for operational mission analysis and hardware/software engineering required to optimize E-6 systems for cyber security and interoperability in a strategic environment.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Navy	Date: April 2022
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Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy / BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0101402N / <i>Navy Strategic Comms</i>
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B. Program Change Summary (\$ in Millions)	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Previous President's Budget	41.953	35.451	0.000	-	0.000
Current President's Budget	40.121	35.451	49.424	-	49.424
Total Adjustments	-1.832	0.000	49.424	-	49.424
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.622	0.000			
• SBIR/STTR Transfer	-1.209	0.000			
• Program Adjustments	0.000	0.000	0.000	-	0.000
• Rate/Misc Adjustments	-0.001	0.000	0.000	-	0.000
• Adjustments to Budget Year	-	-	49.424	-	49.424

Change Summary Explanation

The details of program element 0101402N Project 1083 are classified and are submitted to Congress in the classified budget justification books.

FY 2023 funding increase reflects the fact that the FY 2022 President's Budget request did not include out-year funding.

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0101402N / Navy Strategic Comms	Project (Number/Name) 1083 / Shore To Ship Com System
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
1083: Shore To Ship Com System	273.686	26.628	31.799	40.642	-	40.642	35.612	20.973	21.260	21.518	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The details of program element 0101402N Project 1083 are classified and are submitted to Congress in the classified budget justification books.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Title: Shore To Ship Com System	26.628	31.799	40.642	0.000	40.642
Articles:	-	-	-	-	-
FY 2022 Plans: The details of program element 0101402N Project 1083 are classified and are submitted to Congress in the classified budget justification books.					
FY 2023 Base Plans: The details of program element 0101402N Project 1083 are classified and are submitted to Congress in the classified budget justification books.					
FY 2023 OCO Plans: N/A					
FY 2022 to FY 2023 Increase/Decrease Statement: The details of program element 0101402N Project 1083 are classified and are submitted to Congress in the classified budget justification books.					
Accomplishments/Planned Programs Subtotals	26.628	31.799	40.642	0.000	40.642

C. Other Program Funding Summary (\$ in Millions)

Line Item	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
• OPN/3107: Submarine Broadcast Support	26.590	47.579	91.150	-	91.150	66.314	54.485	52.833	39.349	Continuing	Continuing

Remarks

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0101402N / <i>Navy Strategic Comms</i>	Project (Number/Name) 1083 / <i>Shore To Ship Com System</i>
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D. Acquisition Strategy

The details of program element 0101402N Project 1083 are classified and are submitted to Congress in the classified budget justification books.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0101402N / Navy Strategic Comms	Project (Number/Name) 1083 / Shore To Ship Com System
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Product Development (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Classified	Various	Not Specified : Not Specified	129.584	11.751	Nov 2020	12.665	Nov 2021	20.229	Nov 2022	-		20.229	Continuing	Continuing	Continuing
Subtotal			129.584	11.751		12.665		20.229		-		20.229	Continuing	Continuing	N/A

Remarks
The details of program element 0101402N Project 1083 are classified SECRET//NOFORN and are submitted to Congress in the classified budget justification books.

Support (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Classified	Various	Not Specified : Not Specified	45.397	4.351	Nov 2020	5.084	Nov 2021	5.564	Nov 2022	-		5.564	Continuing	Continuing	Continuing
Subtotal			45.397	4.351		5.084		5.564		-		5.564	Continuing	Continuing	N/A

Remarks
The details of program element 0101402N Project 1083 are classified SECRET//NOFORN and are submitted to Congress in the classified budget justification books.

Test and Evaluation (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Classified	Various	Not Specified : Not Specified	80.303	9.217	Nov 2020	12.782	Nov 2021	13.287	Nov 2022	-		13.287	Continuing	Continuing	Continuing
Subtotal			80.303	9.217		12.782		13.287		-		13.287	Continuing	Continuing	N/A

Remarks
The details of program element 0101402N Project 1083 are classified SECRET//NOFORN and are submitted to Congress in the classified budget justification books.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0101402N / Navy Strategic Comms	Project (Number/Name) 1083 / Shore To Ship Com System
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Management Services (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Classified	Various	Not Specified : Not Specified	18.402	1.309	Nov 2020	1.268	Nov 2021	1.562	Nov 2022	-		1.562	Continuing	Continuing	Continuing
Subtotal			18.402	1.309		1.268		1.562		-		1.562	Continuing	Continuing	N/A

Remarks
The details of program element 0101402N Project 1083 are classified SECRET//NOFORN and are submitted to Congress in the classified budget justification books.

	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	273.686	26.628	31.799	40.642	-	40.642	Continuing	Continuing	N/A

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0101402N / <i>Navy Strategic Comms</i>	Project (Number/Name) 1083 / <i>Shore To Ship Com System</i>
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FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027			
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

Proj 1083	
Classified	

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Exhibit R-4A, RDT&E Schedule Details: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0101402N / <i>Navy Strategic Comms</i>	Project (Number/Name) 1083 / <i>Shore To Ship Com System</i>
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Proj 1083</i>				
Classified	1	2021	4	2027

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Navy										Date: April 2022		
Appropriation/Budget Activity 1319 / 7					R-1 Program Element (Number/Name) PE 0101402N / Navy Strategic Comms				Project (Number/Name) 2959 / Survivable Airborne Strategic Communications			
COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
2959: <i>Survivable Airborne Strategic Communications</i>	2.404	9.862	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	12.266
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Note

Funding for Project Unit 2959 for FY22 through FYDP has been realigned to PE 0605180N Project Unit 3259.

A. Mission Description and Budget Item Justification

FY22 efforts are funded in the new PE 0605180N Project Unit 3259

The E-XX Take Charge and Move Out (TACAMO) Recapitalization program provides the complete replacement aircraft and mission systems for the aging E-6B aircraft. The program is intended to provide Survivable Airborne Strategic Communications in support of the President, Secretary of Defense and United States strategic and non-strategic forces. In order to provide survivable, enduring and reliable Command, Control, and Communications capability, continued effort is needed to perform technical evaluations, modeling and simulation, requirements derivation and contract development. Funding is for reducing integration risk on aircraft, developing requirements and risk reduction contracts, and a development program.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Title: Operational System Development, Studies and Demonstrations	9.862	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2022 Plans: FY22 efforts are funded in the new PE 0605180N Project Unit 3259.					
FY 2023 Base Plans: N/A					
FY 2023 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	9.862	0.000	0.000	0.000	0.000

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Navy		Date: April 2022
Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0101402N / Navy Strategic Comms	Project (Number/Name) 2959 / Survivable Airborne Strategic Communications

C. Other Program Funding Summary (\$ in Millions)

Line Item	FY 2021	FY 2022	FY 2023	FY 2023	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Cost To	
			Base	OCO	Total					Complete	Total Cost
• RDTE/ 0101402N/3002: <i>Navy Strategic Comm Project</i>	3.631	3.652	8.782	-	8.782	8.988	4.052	4.126	4.191	Continuing	Continuing
• RDTE/ 0605180N/3259: <i>TACAMO Modernization</i>	0.000	50.592	554.193	-	554.193	753.077	791.557	736.511	748.827	Continuing	Continuing

Remarks

D. Acquisition Strategy

FY22 efforts are funded in the new PE 0605180N Project Unit 3259

Research, Development, Test & Evaluation, Navy (RDT&E N) Project Unit 2959 funds E-XX TACAMO Recapitalization Analysis of Alternatives (AoA), requirement analyses and risk reduction studies that will occur in FY20-FY22. AoA results will be used to define mission concept of operations, system capability requirements, and a preferred material solution. These will form the foundation for an initial acquisition strategy and program life cycle cost estimate in support of program milestone decision review. Trade studies and risk reduction activities will be used to refine the material solution, and derive program and system performance requirements in preparation for development contracts. The performance requirements will support the contracting efforts to award developmental contracts in FY22 to begin the Engineering and Manufacturing Development to develop mission systems and integrate them in the appropriate airframe.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0101402N / Navy Strategic Comms	Project (Number/Name) 2959 / Survivable Airborne Strategic Communications
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Support (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
E-6B Recapitalization Analysis of Alternatives	Various	Various : Various	2.404	0.000		0.000		0.000		-		0.000	0.000	2.404	-
Requirements Derivation	WR	NAWCAD : Patuxent River, MD	0.000	2.479	Nov 2020	0.000		0.000		-		0.000	0.000	2.479	-
Requirements Derivation	Various	Various : Various	0.000	1.211	Dec 2020	0.000		0.000		-		0.000	0.000	1.211	-
Risk Reduction - Studies	WR	NAWCAD : Patuxent River, MD	0.000	1.950	Nov 2020	0.000		0.000		-		0.000	0.000	1.950	-
Risk Reduction - Studies	C/CPFF	Collins Aerospace : Richardson, TX	0.000	1.000	May 2021	0.000		0.000		-		0.000	0.000	1.000	-
Development Support	WR	NAWCAD : Patuxent River, MD	0.000	2.140	Nov 2020	0.000		0.000		-		0.000	0.000	2.140	Continuing
Risk Reduction - Studies	C/CPFF	Lockheed Martin : Marietta, GA	0.000	0.464	Jun 2021	0.000		0.000		-		0.000	0.000	0.464	-
Subtotal			2.404	9.244		0.000		0.000		-		0.000	0.000	11.648	N/A

Management Services (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Travel	Various	Various : Various	0.000	0.014	Oct 2020	0.000		0.000		-		0.000	0.000	0.014	Continuing
Management Support	WR	NAWCAD : Patuxent River, MD	0.000	0.350	Nov 2020	0.000		0.000		-		0.000	0.000	0.350	Continuing
Government Engineering Support	WR	NAWCTSD : Orlando, FL	0.000	0.254	Nov 2020	0.000		0.000		-		0.000	0.000	0.254	Continuing
Subtotal			0.000	0.618		0.000		0.000		-		0.000	0.000	0.618	N/A

	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals		2.404	9.862	0.000	0.000	0.000	0.000	12.266	N/A

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2023 Navy		Date: April 2022
Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0101402N / Navy Strategic Comms	Project (Number/Name) 2959 / Survivable Airborne Strategic Communications



E-6B Mercury

PB-23 RDTE PU: 2959 Program Schedule

Fiscal Year	FY21				FY22				FY23				FY24				FY25				FY26				FY27			
Fiscal Quarter	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
EMD Contract	Requirements Derivation																											
Risk Reduction	Government Architecture Model - Risk Reduction Ready																											

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Exhibit R-4A, RDT&E Schedule Details: PB 2023 Navy		Date: April 2022
Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0101402N / Navy Strategic Comms	Project (Number/Name) 2959 / Survivable Airborne Strategic Communications

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 2959				
Risk Reduction: Government Architecture Model - Risk Reduction Ready	1	2021	3	2021
Risk Reduction: Government Architecture - PDR Maturity	4	2021	4	2021
Risk Reduction: Airframe Contract	4	2021	4	2021
Risk Reduction: VLF Contract	4	2021	4	2021
EMD Contract: Requirments Derivation	1	2021	3	2021
EMD Contract: EMD SOW/RFP	3	2021	4	2021

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Navy										Date: April 2022		
Appropriation/Budget Activity 1319 / 7					R-1 Program Element (Number/Name) PE 0101402N / Navy Strategic Comms				Project (Number/Name) 3002 / Navy Strategic Comm Project			
COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
3002: Navy Strategic Comm Project	284.780	3.631	3.652	8.782	-	8.782	8.988	4.052	4.126	4.191	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The E-6 is a manned airborne platform that provides survivable, enduring and reliable Command, Control and Communications capability, in support of the President, Secretary Of Defense and United States strategic and non-strategic forces. In order to respond effectively to emerging capability requirements, continued effort is needed to prototype, integrate, and demonstrate compatible communications, in support of interoperability with other Enterprise assets. Additional required efforts include performing technical assessments, Evaluations, Modeling and Simulation, investigative ground and flight testing, and enhanced software modifications and development of configuration modifications. Funding is for operational mission analysis, prototyping and integration for demonstration, and the hardware/software engineering required to optimize E-6 systems for effective cyber security and interoperability in a strategic environment.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Title: Operational System Development, Studies and Demonstrations	3.631	3.652	8.782	0.000	8.782
Articles:	-	-	-	-	-
FY 2022 Plans: Perform operational mission analyses and conduct advanced simulations, prototyping, integrations, and demonstrations using the E-6B Systems Integration Laboratory and contractor assets to address system obsolescence and potential upgrades to ensure cyber security software improvements and interoperability of the E-6B platform.					
FY 2023 Base Plans: Perform operational mission analyses and conduct advanced simulations, modeling, prototyping, integrations and demonstrations, using the E-6B Systems Integration Laboratory (SIL) and contractor assets to address system obsolescence and research potential upgrades. Additional plans include researching and ensuring Cyber Security software improvements and interoperability of the E-6B platform.					
FY 2023 OCO Plans: N/A					
FY 2022 to FY 2023 Increase/Decrease Statement: Funds increased \$5M to research and integrate additional cyber security upgrades and \$.130M is due to increase of studies and analysis efforts.					
Accomplishments/Planned Programs Subtotals	3.631	3.652	8.782	0.000	8.782

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Navy	Date: April 2022
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Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0101402N / Navy Strategic Comms	Project (Number/Name) 3002 / Navy Strategic Comm Project
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C. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u> <u>Base</u>	<u>FY 2023</u> <u>OCO</u>	<u>FY 2023</u> <u>Total</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• APN/0564: E-6 Series	188.922	113.301	129.049	-	129.049	139.475	137.706	133.841	136.421	103.556	3,072.159
• RDTE/0101402N/2959: Survivable Airborne Strategic Communications	9.862	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	12.266

Remarks

D. Acquisition Strategy

Research, Development, Test & Evaluation, Navy (RDT&E,N) Project Unit 3002 funds continuing efforts to perform technical evaluations, modeling & simulation and investigative ground and flight testing. Aircraft Procurement, Navy, Modification of Aircraft (APN-5) funds integration, procurement and installation of aircraft modifications.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0101402N / Navy Strategic Comms	Project (Number/Name) 3002 / Navy Strategic Comm Project
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Product Development (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Prior Year Production Development no longer funded in the FYDP	Various	Various : Various	195.224	0.000		0.000		0.000		-		0.000	0.000	195.224	-
Production Development	Various	Various : Various	0.781	0.655	Nov 2020	0.658	Nov 2021	5.671	Nov 2022	-		5.671	0.000	7.765	-
Subtotal			196.005	0.655		0.658		5.671		-		5.671	0.000	202.989	N/A

Support (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Studies & Analyses	Various	Various : Various	10.552	0.180	Nov 2020	0.180	Nov 2021	0.184	Nov 2022	-		0.184	Continuing	Continuing	Continuing
E-6B Recapitalization Analysis of Alternatives	Various	Various : Various	5.937	0.000		0.000		0.000		-		0.000	0.000	5.937	-
Studies & Analyses	C/CPFF	John Hopkins Universtiy (JHU) : Laurel, Maryland	1.880	1.891	Nov 2020	1.900	Nov 2021	2.028	Nov 2022	-		2.028	Continuing	Continuing	Continuing
Subtotal			18.369	2.071		2.080		2.212		-		2.212	Continuing	Continuing	N/A

Test and Evaluation (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Prior Year Test & Evaluation cost no longer funded in the FYDP	Various	Various : Various	6.461	0.000		0.000		0.000		-		0.000	0.000	6.461	-
Subtotal			6.461	0.000		0.000		0.000		-		0.000	0.000	6.461	N/A

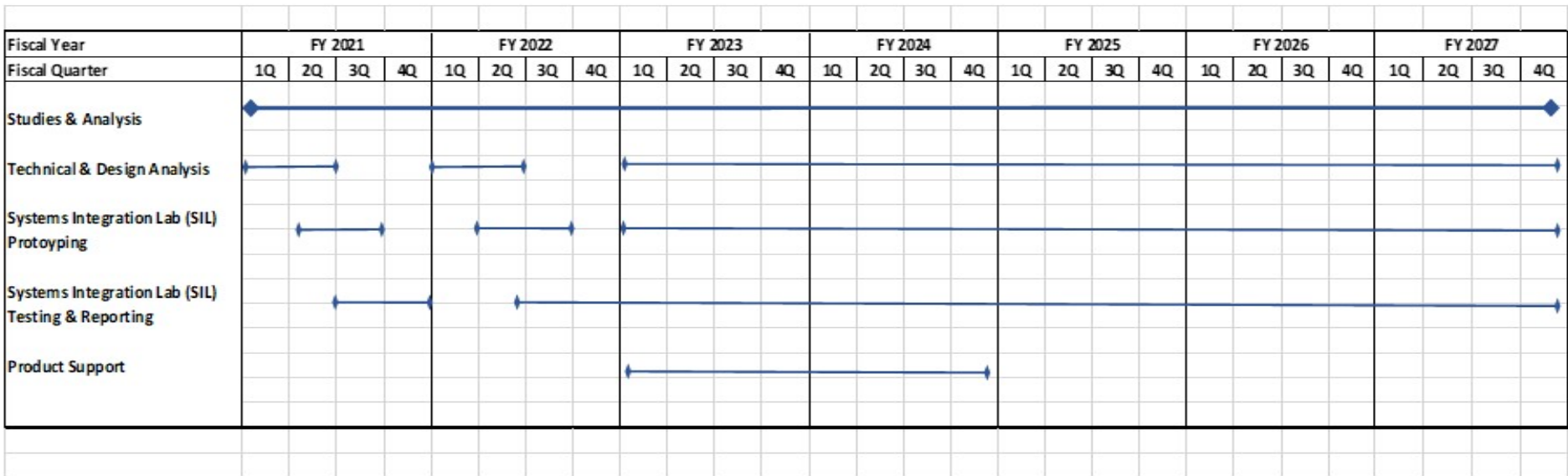
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Exhibit R-4, RDT&E Schedule Profile: PB 2023 Navy		Date: April 2022
Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0101402N / Navy Strategic Comms	Project (Number/Name) 3002 / Navy Strategic Comm Project



E-6B Mercury

PB-23 RDTE PU: 3002 Program Schedule



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Exhibit R-4A, RDT&E Schedule Details: PB 2023 Navy		Date: April 2022
Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0101402N / Navy Strategic Comms	Project (Number/Name) 3002 / Navy Strategic Comm Project

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 3002				
Advanced Development: Studies & Analysis: Studies & Analysis	1	2021	4	2027
Advanced Development: Technical & Design Analysis: Technical & Design Analysis (FY21)	1	2021	2	2021
Advanced Development: Technical & Design Analysis: Technical & Design Analysis (FY22)	1	2022	2	2022
Advanced Development: Technical & Design Analysis: Technical & Design Analysis (FY23)	1	2023	4	2023
Advanced Development: Technical & Design Analysis: Technical & Design Analysis (FY24)	1	2024	4	2024
Advanced Development: Technical & Design Analysis: Technical & Design Analysis (FY25)	1	2025	4	2025
Advanced Development: Technical & Design Analysis: Technical & Design Analysis (FY26)	1	2026	4	2026
Advanced Development: Technical & Design Analysis: Technical & Design Analysis (FY27)	1	2027	4	2027
Advanced Development: Systems Integration Lab (SIL) Prototyping: Systems Integration Lab (SIL) Prototyping (FY21)	2	2021	3	2021
Advanced Development: Systems Integration Lab (SIL) Prototyping: Systems Integration Lab (SIL) Prototyping (FY22)	2	2022	3	2022
Advanced Development: Systems Integration Lab (SIL) Prototyping: Systems Integration Lab (SIL) Prototyping (FY23)	1	2023	4	2023
Advanced Development: Systems Integration Lab (SIL) Prototyping: Systems Integration Lab (SIL) Prototyping (FY24)	1	2024	4	2024
Advanced Development: Systems Integration Lab (SIL) Prototyping: Systems Integration Lab (SIL) Prototyping (FY25)	1	2025	4	2025

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Exhibit R-4A, RDT&E Schedule Details: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0101402N / Navy Strategic Comms	Project (Number/Name) 3002 / Navy Strategic Comm Project
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Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Advanced Development: Systems Integration Lab (SIL) Prototyping: Systems Integration Lab (SIL) Prototyping (FY26)	1	2026	4	2026
Advanced Development: Systems Integration Lab (SIL) Prototyping: Systems Integration Lab (SIL) Prototyping (FY27)	1	2027	4	2027
Advanced Development: Systems Integration Lab (SIL) Testing & Reporting: SIL Testing & Reporting (FY21)	3	2021	4	2021
Advanced Development: Systems Integration Lab (SIL) Testing & Reporting: SIL Testing & Reporting (FY22)	3	2022	4	2022
Advanced Development: Systems Integration Lab (SIL) Testing & Reporting: SIL Testing & Reporting (FY23)	1	2023	4	2023
Advanced Development: Systems Integration Lab (SIL) Testing & Reporting: SIL Testing & Reporting (FY24)	1	2024	4	2024
Advanced Development: Systems Integration Lab (SIL) Testing & Reporting: SIL Testing & Reporting (FY25)	1	2025	4	2025
Advanced Development: Systems Integration Lab (SIL) Testing & Reporting: SIL Testing & Reporting (FY26)	1	2026	4	2026
Advanced Development: Systems Integration Lab (SIL) Testing & Reporting: SIL Testing & Reporting (FY27)	1	2027	4	2027
Advanced Development: E-6 Recapitalization Analysis of Alternatives (AOA): Product Support (FY23)	1	2023	4	2024