Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Navy	Date: March 2023
Appropriation/Budget Activity 1319: *Research, Development, Test & Evaluation, Navy I* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	**R-1 Program Element (Number/Name)** PE 0603597N *I (U)AUTOMATED TEST AND RE-TEST (ATRT)*

COST ($ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
Total Program Element	166.719	36.461	60.073	10.809	-	10.809	11.008	11.255	11.496	11.732	98.280	417.833
9999: *Congressional Adds*	108.096	28.957	50.300	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	187.353
9B88: *Automated Test and Analysis*	58.623	7.504	9.773	10.809	-	10.809	11.008	11.255	11.496	11.732	98.280	230.480

A. Mission Description and Budget Item Justification

Starting in FY16, the Navy implemented an enterprise approach to Automated Test and Analysis (ATA) which adds a new method of automated test technologies, standardizes automated test practices, methods and tools. ATA expands the automated test methods that's currently used in Automated Test and Re-Test (ATRT). ATRT technologies provide essential development, assessment, and operational analysis capabilities to streamline testing and certification for both single systems and systems of systems capabilities in order to reduce development time for new capabilities from years to weeks. Also, leveraged to support refactoring, development, and assessment of Artificial Intelligence / Machine Learning (AI/ML) aids with other applications to deliver warfighting capability. Integration of legacy code and systems across the Naval warfighting portfolio soon to achieve an open integration and interoperability environment.

Project funding supports the development of enterprise level strategies and activities to apply ATA technologies to software-intensive acquisition programs. The objectives include support for the Chief of Naval Operations' (CNO) vision outlined in the CNO's Navigation Plan (NAVPLAN) through continued development and commercialization of ATRT Small Business Innovation Research (SBIR) technologies across the Navy enterprise. These SBIR derived technologies enable the Navy enterprise to make rapid capability improvements through software updates while maintaining a continuous Authority to Operate (ATO) on a common digital warfighting platform, and in enterprise sandbox technologies.

B. Program Change Summary ($ in Millions)	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Previous President's Budget	37.805	9.773	10.495	-	10.495
Current President's Budget	36.461	60.073	10.809	-	10.809
Total Adjustments	-1.344	50.300	0.314	-	0.314
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	50.300			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-1.344	0.000			
• Program Adjustments	0.000	0.000	-0.145	-	-0.145
• Rate/Misc Adjustments	0.000	0.000	0.459	-	0.459

Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Navy	Date: March 2023
Appropriation/Budget Activity 1319: *Research, Development, Test & Evaluation, Navy I* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	**R-1 Program Element (Number/Name)** PE 0603597N *I (U)AUTOMATED TEST AND RE-TEST (ATRT)*

Congressional Add Details ($ in Millions, and Includes General Reductions)	FY 2022	FY 2023
Project: 9999: *Congressional Adds*		
Congressional Add: *Program Increase*	28.957	0.000
Congressional Add: *ATRT including Project Overmatch Integration*	0.000	50.300
Congressional Add Subtotals for Project: 9999	28.957	50.300
Congressional Add Totals for all Projects	28.957	50.300

Change Summary Explanation

FINANCIAL: The increase to 9B88 of $1.036M in program resources from FY 2023 to FY 2024 is required to further enable faster software testing in lab environments to facilitate delivery of better integrated software solutions into the fleet. This includes integration of test capabilities into laboratories as well as the Overmatch Software Armory (OSA). Additionally, program will provide support for future capabilities by leveraging Live, Virtual, and Constructive (LVC) events and utilizing live assets in an operational environment.

TECHNICAL: No significant changes.

SCHEDULE: Activities and milestones clarified to better show synchronization of Project 9B88 activities and deliverables in support of Project Overmatch and digital warfighting transformation objectives and enterprise sandbox technologies.

Major Milestones - Project 9B88:
The overall schedule for project 9B88 is held at a higher classification. In FY24, program anticipates Increment 2 IOC as well as the completion of a significant LVC event in Q1 2024 while building to quarterly LVC events throughout FY24.

Exhibit R-2A, RDT&E Project Justification: PB 2024 Navy			Date: March 2023
Appropriation/Budget Activity 1319 / 4	R-1 Program Element (Number/Name) PE 0603597N / *(U)AUTOMATED TEST AND RE-TEST (ATRT)*	Project (Number/Name) 9999 / *Congressional Adds*	

COST ($ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
9999: *Congressional Adds*	108.096	28.957	50.300	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	187.353
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

ATRT technologies provide essential development and operational analysis capabilities to streamline testing and certification for software for both single systems/units and systems of systems capabilities to reduce development time for new capabilities from years to weeks. Leveraging cloud and virtualization technologies within a force-level system of systems interoperability test bed, ATRT enables agile software updates to afloat and airborne edge infrastructures with automated near real-time analysis of interoperability improvements and performance virtually.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2022	FY 2023
Congressional Add: Program Increase ***FY 2022 Accomplishments:*** - Continued to develop and utilize ATRT scaling to connect, bring visibility, learn and accelerate capability Deliveries. - Continued to scale the ATRT enterprise capabilities that support Cloud Development Environments (DevSecOps software factories, environments, and tools) - Continued the enhancement of ATRT tools supporting DevSecOps CD/CI in support of priority all domain mission thread(s). - Continued the scaling and expansion of ATRT to support cross-domain mission area test and analysis. - Continued to develop ATRT technologies to support Battle Management Aids (BMAs) and Tactical Decision Aids (TDA), including Artificial Intelligence (AI) /Machine Learning (ML) tools, leveraging scaling on the Navy's data pipeline for AI/ML. ***FY 2023 Plans:*** N/A	28.957	0.000
Congressional Add: ATRT including Project Overmatch Integration ***FY 2022 Accomplishments:*** N/A ***FY 2023 Plans:*** - Continue to develop and utilize ATRT scaling to connect, bring visibility, learn and accelerate capability	0.000	50.300

Exhibit R-2A, RDT&E Project Justification: PB 2024 Navy		Date: March 2023
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0603597N / *(U)AUTOMATED TEST AND RE-TEST (ATRT)*	**Project (Number/Name)** 9999 / *Congressional Adds*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2022	FY 2023
Deliveries. - Continue to scale the ATRT enterprise capabilities that support Cloud Development Environments (DevSecOps software factories, environments, and tools) - Continue the enhancement of ATRT tools supporting DevSecOps CD/CI in support of priority all domain mission thread(s). - Continue the scaling and expansion of ATRT to support cross-domain mission area test and analysis. - Continue to develop ATRT technologies to support Battle Management Aids (BMAs) and Tactical Decision Aids (TDA), including Artificial Intelligence (AI) /Machine Learning (ML) tools, leveraging scaling on the Navy's data pipeline for AI/ML.		
Congressional Adds Subtotals	28.957	50.300

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
• RDTEN/0604027N: *Digital Warfare*	44.969	165.753	181.001	-	181.001	139.103	136.748	137.440	140.221	Continuing	Continuing

Remarks

This effort synergizes with and leverages / supports other funded efforts including Digital Warfare (RDTEN/PE 0604027N)) to support Project Overmatch and warfighting digital transformation efforts.

D. Acquisition Strategy

This is a non ACAT program. The ATA project enables automated test tool projects from all qualified sources that enable significantly reduced time to complete critical testing, increase productivity, system robustness, improving and speeding test analysis, and identify commonalities for reuse in transformational automated testing for Naval acquisition programs. This project leverages small business entreprenurialship and innovation, and subsequent scaling of those capabilities to the Navy enterprise in partnership with the Defense Industrial Base, government laboratories / capabilities, and academia. Automated Test/Re-Test (ATRT) technologies enable significant reductions in the time to complete critical testing, and produce objective quality evidence in support of validation, verification and certification of engineering artifacts, and will provide a test apparatus within Naval Development, Security, and Operations (DevSecOps) software factories that ensure applications support development of warfighting capabilities that meet test driven development and standards before deployment leveraging Continuous Integration / Continuous Development software pipelines and scaling. These efforts leveraging ATRT technologies, and ATRT-powered analytics on the edge will enable priority mission threads and Warfare models in order to deliver capability across force level kill chains.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Navy		Date: March 2023
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0603597N / *(U)AUTOMATED TEST AND RE-TEST (ATRT)*	**Project (Number/Name)** 9999 / *Congressional Adds*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Automated Test & Analysis	C/CPFF	Innovative Defense Technologies (IDT) : Ballston, VA	59.334	23.086	May 2022	42.140	May 2023	0.000		-		0.000	0.000	124.560	-
Automated Test & Analysis	WR	NIWC Pacific : San Diego, CA	4.563	1.054	May 2022	1.924	May 2023	0.000		-		0.000	0.000	7.541	-
Automated Test & Analysis	Various	Various NSWCs : Various	7.692	2.395	May 2022	4.371	May 2023	0.000		-		0.000	0.000	14.458	-
Automated Test & Analysis	C/FFP	NUWC Newport : Newport, RI	1.058	0.297	May 2022	0.542	May 2023	0.000		-		0.000	0.000	1.897	-
Automated Test & Analysis	C/BA	NAWC AD : Patuxent River, MD	1.563	0.725	May 2022	1.323	May 2023	0.000		-		0.000	0.000	3.611	-
Automated Test & Analysis (Prior Year)	Various	Various Activity : Not Specified	28.100	0.000		0.000		0.000		-		0.000	0.000	28.100	-
		Subtotal	102.310	27.557		50.300		0.000		-		0.000	0.000	180.167	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Automated Test & Analysis	C/CPFF	DELTA Resources, Inc. : Washington, DC	5.269	1.400	May 2022	0.000		0.000		-		0.000	0.000	6.669	-
Automated Test & Analysis (Prior Year)	Various	Various Activity : Not Specified	0.517	0.000		0.000		0.000		-		0.000	0.000	0.517	-
		Subtotal	5.786	1.400		0.000		0.000		-		0.000	0.000	7.186	N/A

	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	108.096	28.957		50.300		0.000		-		0.000	0.000	187.353	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2024 Navy		Date: March 2023
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0603597N / *(U)AUTOMATED TEST AND RE-TEST (ATRT)*	**Project (Number/Name)** 9999 / *Congressional Adds*

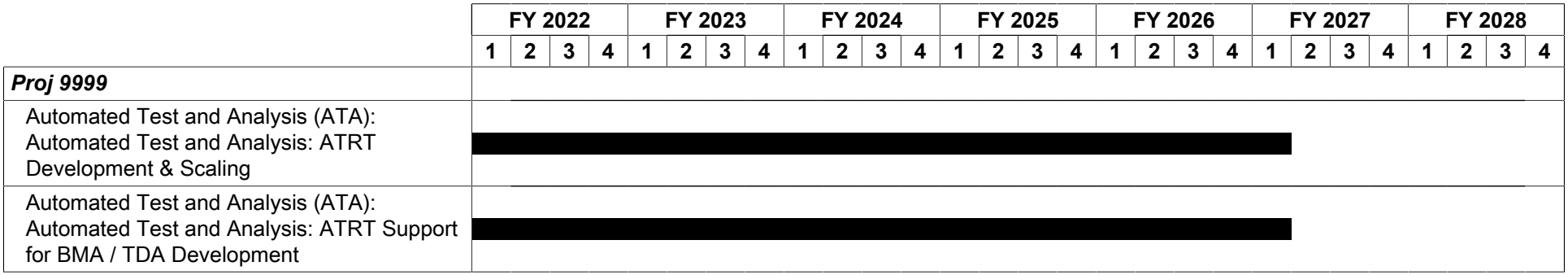

Exhibit R-4A, RDT&E Schedule Details: PB 2024 Navy		Date: March 2023
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0603597N / *(U)AUTOMATED TEST AND RE-TEST (ATRT)*	**Project (Number/Name)** 9999 / *Congressional Adds*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Proj 9999				
Automated Test and Analysis (ATA): Automated Test and Analysis: ATRT Development & Scaling	1	2022	1	2027
Automated Test and Analysis (ATA): Automated Test and Analysis: ATRT Support for BMA / TDA Development	1	2022	1	2027

Exhibit R-2A, RDT&E Project Justification: PB 2024 Navy			Date: March 2023
Appropriation/Budget Activity 1319 / 4	R-1 Program Element (Number/Name) PE 0603597N / *(U)AUTOMATED TEST AND RE-TEST (ATRT)*	Project (Number/Name) 9B88 / *Automated Test and Analysis*	

COST ($ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
9B88: *Automated Test and Analysis*	58.623	7.504	9.773	10.809	-	10.809	11.008	11.255	11.496	11.732	98.280	230.480
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Program objectives are to provide Automated Test and Re-Test (ATRT) capabilities to enable faster and more consistent testing across the Naval enterprise. Specifically in the near term this project seeks to implement ATRT into digital capabilities, laboratory testing, and the Overmatch Software Armory (OSA) DevSecOps environment to conduct secure system development scalable distributed simulation. A seamless push to afloat, airborne, and edge infrastructure allowing the Navy's designated user community to make software updates (new and modernization of old code) while maintaining, or eliminating, the need for an Authority to Operate (ATO). The Continuous Delivery/Continuous Integration (CD/CI) of capability enabled by the ATRT technology for real time software code analysis and performance testing in the Cloud Development Environment (CDE) as well as rapid feedback in the Operational Environment (OE). Enabling this effort, this program is developing and scaling the Integrated Modeling Environment (IME), which supports shared and linked Model Based Systems Engineering (MBSE) from the mission level to the function/system level. This will in turn power the ATRT models that analytically link together software code production output with intended planned capability developed against gaps filled at the mission level, enabling rapid and continuous iteration and deployment of software into the digital environment.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Title: Automated Test and Analysis	7.504	9.773	10.809	0.000	10.809
Articles:	-	-	-	-	-
FY 2023 Plans: - Continue to develop and utilize ATRT scaling to connect, bring visibility, learn and accelerate capability deliveries. - Continue to scale the ATRT enterprise capabilities that support Cloud Development Environments (DevSecOps software factories, environments, and tools) - Continue the enhancement of ATRT tools supporting DevSecOps CD/CI in support of priority all domain mission thread(s). - Continue the scaling and expansion of ATRT to support cross-domain mission area test and analysis.					

Exhibit R-2A, RDT&E Project Justification: PB 2024 Navy		Date: March 2023
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0603597N / *(U)AUTOMATED TEST AND RE-TEST (ATRT)*	**Project (Number/Name)** 9B88 / *Automated Test and Analysis*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
- Continue to develop ATRT technologies to support Battle Management Aids (BMAs) and Tactical Decision Aids (TDA), including Artificial Intelligence/Machine Learning (AI/ML) tools, leveraging scaling on the Navy's data pipeline for AI/ML and digital environments, and inclusion of open cloud environments for third party applications. ***FY 2024 Base Plans:*** - Continue to scale the ATRT enterprise capabilities that support Cloud Development Environments (DevSecOps software factories, environments, and tools) - Continue the enhancement of ATRT tools supporting DevSecOps CD/CI in support of priority all domain mission thread(s). - Continue the scaling and expansion of ATRT to support cross-domain mission area test and analysis. - Continue to develop ATRT technologies to support Battle Management Aids (BMAs) and Tactical Decision Aids (TDA), including Artificial Intelligence/Machine Learning (AI/ML) tools, leveraging scaling on the Navy's data pipeline for AI/ML and digital environments, and inclusion of open cloud environments for third party applications. - Provide support to Information Warfare LVC training events such as NILE, PROJECT CONVERGENCE 2024, and FLEX events to develop fleet CONOPS/COMEMPS ISO OM capability deliverables post-MVP. - Commence support for future capabilities delivery by leveraging FLEX events such as TRIDENT WARRIOR 2024 or Large Scale Exercise to mature OM capabilities utilizing live assets in an operational environment. ***FY 2024 OCO Plans:*** N/A ***FY 2023 to FY 2024 Increase/Decrease Statement:*** The increase of $1.036M in program resources from FY 2023 to FY 2024 is required to further enable faster software testing in lab environments to facilitate delivery of better integrated software solutions into the fleet. This includes integration of test capabilities into laboratories as well as the Overmatch Software Armory (OSA). Additionally, program will provide support for future capabilities by leveraging Live, Virtual, and Constructive events and utilizing live assets in an operational environment.					
Accomplishments/Planned Programs Subtotals	7.504	9.773	10.809	0.000	10.809

Exhibit R-2A, RDT&E Project Justification: PB 2024 Navy		Date: March 2023
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0603597N / *(U)AUTOMATED TEST AND RE-TEST (ATRT)*	**Project (Number/Name)** 9B88 / *Automated Test and Analysis*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
• RDTEN/0604027N: *Digital Warfare*	44.969	165.753	181.001	-	181.001	139.103	136.748	137.440	140.221	Continuing	Continuing

Remarks

This effort synergizes with and leverages / supports other funded efforts including Digital Warfare (RDTEN/PE 0604027N) to support Project Overmatch and warfighting digital transformation efforts.

D. Acquisition Strategy

This is a non-ACAT program. Usage of SBIR Phase III contracts is a cornerstone of the Automated Test & Analysis, Project 9B88 acquisition strategy. The ATA program solicits automated test tool projects from all qualified sources that show the potential to significantly reduce the time to complete critical testing, increase productivity or system robustness, improving and speeding test analysis, and identify commonalities for reuse in testing of Naval acquisition programs. All valid submitted projects will be evaluated for potential funding. Projects selected will typically be funded for one year, in which time they must demonstrate their ability to significantly reduce the time to complete critical testing, improve and speed test analysis, or find and correct critical design flaws in testing of Naval acquisition programs. Successful funded projects and artifacts will be advertised and made available across the Naval enterprise for acquisition program consideration, funding, and use. These include engagements throughout the Defense Industrial Base, government laboratories, and academia, to develop and deliver Automated Test and Re-Test (ATRT) suite of technologies.

This effort synergizes with and leverages / supports other funded efforts including Digital Warfare (PE 0604027N), Automated Combat Systems Tech (PE 0603382N), Modeling & Simulation Support (PE 0308601N), and Intelligence Mission Data (IMD) (PE 0307577N) to support Project Overmatch and warfighting digital transformation efforts, and enterprise sandbox technologies.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Navy		Date: March 2023
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0603597N / *(U)AUTOMATED TEST AND RE-TEST (ATRT)*	**Project (Number/Name)** 9B88 / *Automated Test and Analysis*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Automated Test & Analysis	C/CPFF	Innovative Defense Technologies (IDT) : Ballston, VA	38.322	3.035	Dec 2021	3.348	Dec 2022	3.491	Dec 2023	-		3.491	0.000	48.196	Continuing
Automated Test & Analysis	WR	NIWC Pacific : San Diego, CA	12.174	2.419	Nov 2021	2.976	Nov 2022	3.125	Nov 2023	-		3.125	0.000	20.694	Continuing
Automated Test & Analysis	Various	Various NWCFs : Various NWCFs	4.129	0.750	Nov 2021	1.757	Nov 2022	2.354	Nov 2023	-		2.354	0.000	8.990	Continuing
Automated Test & Analysis	Various	Various Non-NWCFs : Various Non-NWCFs	2.260	1.050	Apr 2022	1.542	Nov 2022	1.619	Nov 2023	-		1.619	0.000	6.471	Continuing
Automated Test & Analysis (Prior Year)	Various	Various Activity : Not Specified	1.416	0.000		0.000		0.000		-		0.000	0.000	1.416	-
		Subtotal	58.301	7.254		9.623		10.589		-		10.589	0.000	85.767	N/A

Remarks

Funding increase of $0.678M from FY23 to FY24 is due to the increased need to deliver integrated systems of systems software solutions to the fleet via faster test speeds from the ATRT effort.

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Automated Test & Analysis	C/CPFF	Tech-Marine Business : Washington, DC	0.172	0.100	Nov 2021	0.000	Dec 2022	0.220	Dec 2023	-		0.220	0.000	0.492	Continuing
		Subtotal	0.172	0.100		0.000		0.220		-		0.220	0.000	0.492	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Navy			Date: March 2023
Appropriation/Budget Activity 1319 / 4	R-1 Program Element (Number/Name) PE 0603597N / *(U)AUTOMATED TEST AND RE-TEST (ATRT)*	Project (Number/Name) 9B88 / *Automated Test and Analysis*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Digital Transformation and Integration Support	Various	Various : Various	0.150	0.150	Nov 2021	0.150	Dec 2022	0.000		-		0.000	0.000	0.450	Continuing
		Subtotal	0.150	0.150		0.150		0.000		-		0.000	0.000	0.450	N/A

	Prior Years	FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	58.623	7.504		9.773		10.809		-		10.809	0.000	86.709	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2024 Navy		Date: March 2023
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0603597N / *(U)AUTOMATED TEST AND RE-TEST (ATRT)*	**Project (Number/Name)** 9B88 / *Automated Test and Analysis*

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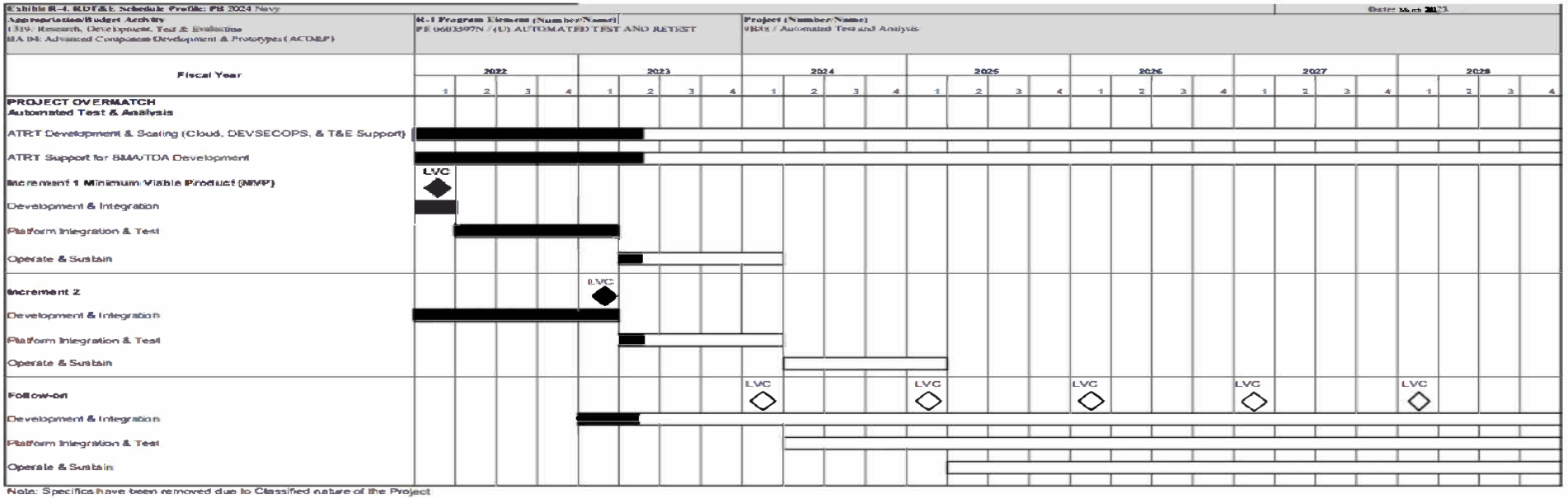

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Exhibit R-4A, RDT&E Schedule Details: PB 2024 Navy		Date: March 2023
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0603597N / *(U)AUTOMATED TEST AND RE-TEST (ATRT)*	**Project (Number/Name)** 9B88 / *Automated Test and Analysis*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Proj 9B88				
Automated Test & Analysis: Automated Test and Analysis: ATRT Development & Scaling	1	2022	4	2028
Automated Test & Analysis: Automated Test and Analysis: ATRT Support for BMA / TDA Development	1	2022	4	2028
Increment 1 Minimum Viable Product: Development and Integration: Live, Virtual, and Constructive Test Event	1	2022	1	2022
Increment 1 Minimum Viable Product: Development & Integration	1	2022	1	2022
Increment 1 Minimum Viable Product: Platform Integration & Test	2	2022	1	2023
Increment 1 Minimum Viable Product: Operate & Sustain	2	2023	1	2024
Increment 2: Development and Integration: Live, Virtual, and Constructive Test Event	1	2023	1	2023
Increment 2: Development & Integration	1	2022	1	2023
Increment 2: Platform Integration & Test	2	2023	1	2024
Increment 2: Operate & Sustain	2	2024	1	2025
Increment 2: Follow-on: Development and Integration: Live, Virtual, and Constructive Test Event 24	1	2024	1	2024
Increment 2: Follow-on: Development and Integration: Live, Virtual, and Constructive Test Event 25	1	2025	1	2025
Increment 2: Follow-on: Development and Integration: Live, Virtual, and Constructive Test Event 26	1	2026	1	2026
Increment 2: Follow-on: Development and Integration: Live, Virtual, and Constructive Test Event 27	1	2027	1	2027
Increment 2: Follow-on: Development and Integration: Live, Virtual, and Constructive Test Event 28	1	2028	1	2028

Exhibit R-4A, RDT&E Schedule Details: PB 2024 Navy		Date: March 2023
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0603597N / *(U)AUTOMATED TEST AND RE-TEST (ATRT)*	**Project (Number/Name)** 9B88 / *Automated Test and Analysis*

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Increment 2: Follow-on: Development & Integration	1	2023	4	2028
Increment 2: Follow-on: Platform Integration & Test	2	2024	4	2028
Increment 2: Follow-on: Operate & Sustain	2	2025	4	2028