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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2025 Navy **Date:** March 2024

<b>Appropriation/Budget Activity</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy / BA 4: Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0603597N / (U)AUTOMATED TEST AND RE-TEST (ATRT)
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COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
Total Program Element	203.180	61.004	10.809	10.805	-	10.805	11.068	11.302	11.532	11.774	98.280	429.754
9999: <i>Congressional Adds</i>	137.053	48.557	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	185.610
9B88: <i>Automated Test and Analysis</i>	66.127	12.447	10.809	10.805	-	10.805	11.068	11.302	11.532	11.774	98.280	244.144

**A. Mission Description and Budget Item Justification**

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>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
Previous President's Budget	60.073	10.809	11.008	-	11.008
Current President's Budget	61.004	10.809	10.805	-	10.805
Total Adjustments	0.931	0.000	-0.203	-	-0.203
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	3.000	0.000			
• SBIR/STTR Transfer	-2.069	0.000			
• Program Adjustments	0.000	0.000	-0.255	-	-0.255
• Rate/Misc Adjustments	0.000	0.000	0.052	-	0.052

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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2025 Navy	<b>Date:</b> March 2024
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<b>Appropriation/Budget Activity</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy I BA 4: Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0603597N I (U) <i>AUTOMATED TEST AND RE-TEST (ATRT)</i>
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**Congressional Add Details (\$ in Millions, and Includes General Reductions)**

**Project:** 9999: *Congressional Adds*

Congressional Add: *ATRT including Project Overmatch Integration*

Congressional Add Subtotals for Project: 9999

Congressional Add Totals for all Projects

	FY 2023	FY 2024
	48.557	0.000
	48.557	0.000
	48.557	0.000

**Change Summary Explanation**

Funding changes since previous president's budget:

-FY2025 decrease of \$-0.203M results from, \$-0.255 due to programmatic adjustments and \$0.052M for miscellaneous rate adjustments.

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**Exhibit R-2A, RDT&E Project Justification:** PB 2025 Navy **Date:** March 2024

<b>Appropriation/Budget Activity</b> 1319 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603597N / (U)AUTOMATED TEST AND RE-TEST (ATRT)	<b>Project (Number/Name)</b> 9999 / Congressional Adds
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COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
9999: <i>Congressional Adds</i>	137.053	48.557	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	185.610
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 2023	FY 2024
<b>Congressional Add:</b> ATRT including Project Overmatch Integration	48.557	0.000
<p><b>FY 2023 Accomplishments:</b> - Continued to develop and utilize ATRT scaling to connect, bring visibility, learn and accelerate capability Deliveries.</p> <ul style="list-style-type: none"> <li>- Continued to scale the ATRT enterprise capabilities that support Cloud Development Environments (DevSecOps software factories, environments, and tools)</li> <li>- Continued the enhancement of ATRT tools supporting DevSecOps CD/CI in support of priority all domain mission thread(s).</li> <li>- Continued the scaling and expansion of ATRT to support cross-domain mission area test and analysis.</li> <li>- 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.</li> </ul> <p><b>FY 2024 Plans:</b> N/A</p>		
<b>Congressional Adds Subtotals</b>	48.557	0.000

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 1319 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603597N / (U)AUTOMATED TEST AND RE-TEST (ATRT)	<b>Project (Number/Name)</b> 9999 / Congressional Adds

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

<u>Line Item</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2025</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>Cost To</u>	
			<u>Base</u>	<u>OCO</u>	<u>Total</u>					<u>Complete</u>	<u>Total Cost</u>
• RD TEN/0604027N: <i>Digital Warfare</i>	161.662	181.001	128.997	-	128.997	128.934	131.344	134.021	136.916	Continuing	Continuing

**Remarks**

This effort synergizes with and leverages / supports other funded efforts including Digital Warfare (RD TEN/PE 0604027N)) to support 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 entrepreneurship 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.

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 1319 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603597N / (U)AUTOMATED TEST AND RE-TEST (ATRT)	<b>Project (Number/Name)</b> 9999 / Congressional Adds
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<b>Product Development (\$ in Millions)</b>				<b>FY 2023</b>		<b>FY 2024</b>		<b>FY 2025 Base</b>		<b>FY 2025 OCO</b>		<b>FY 2025 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>			
Automated Test & Analysis	C/CPFF	Innovative Defense Technologies (IDT) : Ballston, VA	82.420	40.397	May 2023	0.000		0.000		-		0.000	0.000	122.817	-
Automated Test & Analysis	WR	NIWC Pacific : San Diego, CA	5.617	1.924	May 2023	0.000		0.000		-		0.000	0.000	7.541	-
Automated Test & Analysis	Various	Various NSWCs : Various	10.087	4.371	May 2023	0.000		0.000		-		0.000	0.000	14.458	-
Automated Test & Analysis	C/FFP	NUWC Newport : Newport, RI	1.355	0.542	May 2023	0.000		0.000		-		0.000	0.000	1.897	-
Automated Test & Analysis	C/BA	NAWC AD : Patuxent River, MD	2.288	1.323	May 2023	0.000		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	-
<b>Subtotal</b>			129.867	48.557		0.000		0.000		-		0.000	0.000	178.424	N/A

<b>Support (\$ in Millions)</b>				<b>FY 2023</b>		<b>FY 2024</b>		<b>FY 2025 Base</b>		<b>FY 2025 OCO</b>		<b>FY 2025 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>			
Automated Test & Analysis	C/CPFF	DELTA Resources, Inc. : Washington, DC	6.669	0.000		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	-
<b>Subtotal</b>			7.186	0.000		0.000		0.000		-		0.000	0.000	7.186	N/A

<b>Project Cost Totals</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
	137.053	48.557	0.000	0.000	-	0.000	0.000	185.610	N/A

**Remarks**

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**Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 1319 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603597N / (U)AUTOMATED TEST AND RE-TEST (ATRT)	<b>Project (Number/Name)</b> 9999 / Congressional Adds
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<b>Proj 9999</b>	<b>FY 2023</b>				<b>FY 2024</b>				<b>FY 2025</b>				<b>FY 2026</b>				<b>FY 2027</b>				<b>FY 2028</b>				<b>FY 2029</b>							
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q				
Automated Test and Analysis (ATA)																																

2025OSD - 0603597N - 9999

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<b>Exhibit R-4A, RDT&amp;E Schedule Details: PB 2025 Navy</b>		<b>Date: March 2024</b>
<b>Appropriation/Budget Activity</b> 1319 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603597N / (U)AUTOMATED TEST AND RE-TEST (ATRT)	<b>Project (Number/Name)</b> 9999 / Congressional Adds

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>Proj 9999</b>				
Automated Test and Analysis (ATA): Automated Test and Analysis: ATRT Development & Scaling	1	2023	4	2023
Automated Test and Analysis (ATA): Automated Test and Analysis: ATRT Support for BMA / TDA Development	1	2023	4	2023

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy										<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 1319 / 4					<b>R-1 Program Element (Number/Name)</b> PE 0603597N / (U)AUTOMATED TEST AND RE-TEST (ATRT)				<b>Project (Number/Name)</b> 9B88 / Automated Test and Analysis			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
9B88: Automated Test and Analysis	66.127	12.447	10.809	10.805	-	10.805	11.068	11.302	11.532	11.774	98.280	244.144
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)**

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
<b>Title:</b> Automated Test and Analysis	12.447	10.809	10.805	0.000	10.805
<b>Articles:</b>	-	-	-	-	-
<b>FY 2024 Plans:</b>					
- 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.					



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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 1319 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603597N / (U)AUTOMATED TEST AND RE-TEST (ATRTR)	<b>Project (Number/Name)</b> 9B88 / Automated Test and Analysis

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

Line Item	FY 2023	FY 2024	FY 2025	FY 2025	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Cost To	
			Base	OCO	Total					Complete	Total Cost
• RD TEN/0604027N: <i>Digital Warfare</i>	161.662	181.001	128.997	-	128.997	128.934	131.344	134.021	136.916	Continuing	Continuing

**Remarks**

This effort synergizes with and leverages / supports other funded efforts including Digital Warfare (RD TEN/PE 0604027N) to support 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 (ATRTR) suite of technologies.

This effort supports other funded efforts including Digital Warfare (PE 0604027N) to support the Navy's contribution to Joint All Domain Command and Control efforts.

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis: PB 2025 Navy</b>											<b>Date: March 2024</b>				
<b>Appropriation/Budget Activity</b> 1319 / 4				<b>R-1 Program Element (Number/Name)</b> PE 0603597N / (U)AUTOMATED TEST AND RE-TEST (ATRT)					<b>Project (Number/Name)</b> 9B88 / Automated Test and Analysis						

<b>Product Development (\$ in Millions)</b>				<b>FY 2023</b>		<b>FY 2024</b>		<b>FY 2025 Base</b>		<b>FY 2025 OCO</b>		<b>FY 2025 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>			
Automated Test & Analysis	C/CPFF	Innovative Defense Technologies (IDT) : Ballston, VA	41.357	6.024	Dec 2022	3.491	Dec 2023	3.557	Dec 2024	-		3.557	0.000	54.429	Continuing
Automated Test & Analysis	WR	NIWC Pacific : San Diego, CA	14.593	2.976	Nov 2022	3.125	Nov 2023	2.988	Nov 2024	-		2.988	0.000	23.682	Continuing
Automated Test & Analysis	Various	Various NWCFS : Various NWCFS	4.879	1.755	Nov 2022	2.354	Nov 2023	2.389	Nov 2024	-		2.389	0.000	11.377	Continuing
Automated Test & Analysis	Various	Various Non-NWCFS : Various Non-NWCFS	3.310	1.542	Nov 2022	1.619	Nov 2023	1.647	Nov 2024	-		1.647	0.000	8.118	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	-
<b>Subtotal</b>			65.555	12.297		10.589		10.581		-		10.581	0.000	99.022	N/A

**Remarks**  
 Decrease of -\$0.008M from FY24 to FY25 is due to completion and delivery of integrated system-of-systems (SoS) software solutions to the fleet enabled by increased test speeds from the ATRT effort.

<b>Support (\$ in Millions)</b>				<b>FY 2023</b>		<b>FY 2024</b>		<b>FY 2025 Base</b>		<b>FY 2025 OCO</b>		<b>FY 2025 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>			
Automated Test & Analysis	C/CPFF	Tech-Marine Business : Washington, DC	0.272	0.000	Dec 2022	0.220	Dec 2023	0.224	Dec 2024	-		0.224	0.000	0.716	Continuing
<b>Subtotal</b>			0.272	0.000		0.220		0.224		-		0.224	0.000	0.716	N/A



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<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2025 Navy</b>		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 1319 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603597N / (U)AUTOMATED TEST AND RE-TEST (ATRT)	<b>Project (Number/Name)</b> 9B88 / Automated Test and Analysis

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: December 2023																											
Appropriation/Budget Activity 1319: Research, Development, Test & Evaluation BA 04: Advanced Component Development & Prototypes (ACD&P)		R-1 Program Element (Number/Name) PE 0603597N / (U) AUTOMATED TEST AND RETEST												Project (Number/Name) 9B88 / Automated Test and Analysis															
Fiscal Year	2023				2024				2025				2026				2027				2028				2029				
	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	
<b>PROJECT OVERMATCH</b>																													
<b>Automated Test &amp; Analysis</b>																													
ATRT Development & Scaling (Cloud, DEVSECOPS, & T&E Support)																													
ATRT Support for BMA/TDA Development																													
<b>Increment 1 Minimum Viable Product (MVP)</b>																													
Platform Integration & Test																													
Operate & Sustain																													
<b>Increment 2</b>																													
Development & Integration																													
Platform Integration & Test																													
Operate & Sustain																													
<b>Follow-on</b>																													
Development & Integration																													
Platform Integration & Test																													
Operate & Sustain																													

Note: Specifics have been removed due to Classified nature of the Project

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<b>Exhibit R-4A, RDT&amp;E Schedule Details: PB 2025 Navy</b>		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 1319 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603597N / (U)AUTOMATED TEST AND RE-TEST (ATRT)	<b>Project (Number/Name)</b> 9B88 / Automated Test and Analysis

**Schedule Details**

<b>Events by Sub Project</b>	<b>Start</b>		<b>End</b>	
	<b>Quarter</b>	<b>Year</b>	<b>Quarter</b>	<b>Year</b>
<b>Proj 9B88</b>				
Automated Test & Analysis: Automated Test and Analysis: ATRT Development & Scaling	1	2023	4	2029
Automated Test & Analysis: Automated Test and Analysis: ATRT Support for BMA / TDA Development	1	2023	4	2029
Increment 1 Minimum Viable Product: Platform Integration & Test	1	2023	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	2023	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
Increment 2: Follow-on: Development and Integration: Live, Virtual, and Constructive Test Event 29	1	2029	1	2029
Increment 2: Follow-on: Development & Integration	1	2023	4	2029

**UNCLASSIFIED**

**Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 1319 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603597N / (U)AUTOMATED TEST AND RE-TEST (ATRT)	<b>Project (Number/Name)</b> 9B88 / Automated Test and Analysis
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<b>Events by Sub Project</b>	<b>Start</b>		<b>End</b>	
	<b>Quarter</b>	<b>Year</b>	<b>Quarter</b>	<b>Year</b>
Increment 2: Follow-on: Platform Integration & Test	2	2024	4	2029
Increment 2: Follow-on: Operate & Sustain	2	2025	4	2029