Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Navy	Date: March 2024
Appropriation/Budget Activity 1319: *Research, Development, Test & Evaluation, Navy I* BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604373N *I Airborne Mine Countermeasures*

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	97.753	10.470	11.368	11.066	-	11.066	11.214	11.324	11.526	11.763	Continuing	Continuing
4026: *Net-Centric Sensor Analysis for Mine Warfare (NSAM)*	85.798	9.516	10.367	10.087	-	10.087	10.223	10.322	10.506	10.721	Continuing	Continuing
9179: *Surf Navy Integ Undersea Tactical Tech*	11.955	0.954	1.001	0.979	-	0.979	0.991	1.002	1.020	1.042	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Airborne Mine Countermeasures (AMCM) Program Element (PE) previously provided resources to develop advanced Mine Countermeasures (MCM) systems, which are now in production. It currently funds post mission analysis software, integrated tactics and tactics training for mine warfare operations, and post mission analysis proficiency training. The MCM systems provide mobile, quick reaction forces capable of land or sea-based minehunting and mines countermeasures operations worldwide. Resources are for developing and deploying advanced mine-sweeping systems and the intelligence and oceanographic capabilities that will enable mine warfare superiority. Tactics and techniques used vary across a diversity of environments and threats, including both asymmetric and emerging. Resources provide for systems and support of mine warfare systems and expeditionary systems to allow for continuous operations of the Navy's warships and support vessels, other military vessels, and commercial vessels. Core capabilities include forward presence, deterrence, sea control, power projection, maritime security, humanitarian assistance and disaster response to maintain freedom of the seas. Capability improvements include reducing post-mission analysis time; reducing detect, classify, and identify decision time; improving neutralization time; improving network communications; automatic target recognition; and achieving in-stride detect-to-engage capability. Concept-of-operations include development of cooperative, modular systems with a common post mission analysis system providing advanced tools to automate the complex problem of contact management for the thousands of recorded detections and the establishment of capable networked command and control systems. Efforts benefit the MCM force by transforming the Navy from the platform-centered legacy set of systems to a capability-centered force that is distributed, networked, and able to provide unique maritime influence and access across the entire maritime domain. The Airborne Mine Countermeasures (AMCM) programs will provide detection, classification, localization, identification, neutralization, influence sweep, and post mission analysis capabilities. This capability will be of critical importance in littoral zones, confined straits, choke points, and the Amphibious Objective Area (AOA).

Project 4026 Net-Centric Sensor Analysis for Mine Warfare (NSAM) also includes the Integrated Tactics project. NSAM is the next generation post mission analysis (PMA) system which will replace the Organic Post Mission Analysis (OPMA) system. NSAM will be the single tactical and environmental PMA system for all Mine Warfare (MIW) sensor data and will provide integrated contact management capabilities. NSAM creates a collaborative, multi-data set, multi-user environment with the goal of reducing the mission timeline and increasing mission effectiveness. NSAM is designed with an extensible architecture to ease integration of additional sensors and advanced algorithms including incorporation of artificial intelligence capabilities to reduce the time and burden of target recognition during mission analysis on the warfighter.

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Navy	Date: March 2024
Appropriation/Budget Activity 1319: *Research, Development, Test & Evaluation, Navy I* BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604373N *I Airborne Mine Countermeasures*

The Integrated Tactics project develops tactics at the MIW Staff and MCM Scenario level. Project provides new MIW tactics theory and Fleet tactics training for MIW Staffs. Theory and tactics are documented and published into doctrine for Fleet users.

Project 9179, Surface Navy Integrated Undersea Tactical Technology (SNIUTT) is a software training tool which provides contact recognition training modules for Mine Countermeasures (MCM) sensor systems and runs on existing PMA and training systems.

B. Program Change Summary ($ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	10.882	11.368	11.126	-	11.126
Current President's Budget	10.470	11.368	11.066	-	11.066
Total Adjustments	-0.412	0.000	-0.060	-	-0.060
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.012	0.000			
• SBIR/STTR Transfer	-0.400	0.000			
• Rate/Misc Adjustments	0.000	0.000	-0.060	-	-0.060

Change Summary Explanation

FY 2023 reduced by $412K for SBIR assessments and reprogramming's.
FY 2024 no adjustments
FY 2025 reduced by $60K for rate/miscellaneous adjustments.

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy			Date: March 2024
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604373N / *Airborne Mine Countermeasures*	Project (Number/Name) 4026 / *Net-Centric Sensor Analysis for Mine Warfare (NSAM)*	

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
4026: *Net-Centric Sensor Analysis for Mine Warfare (NSAM)*	85.798	9.516	10.367	10.087	-	10.087	10.223	10.322	10.506	10.721	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Project 4026: Net-centric Sensor Analysis for Mine Warfare (NSAM) includes both the NSAM and Integrated Tactics projects. NSAM will replace the Organic Post Mission Analysis (OPMA) system, which provides post mission analysis (PMA) capabilities for the Airborne Laser Mine Detection System (ALMDS), the Airborne Mine Neutralization System (AMNS), and a separate module for contact management. NSAM will be the single tactical and environmental PMA system for all Mine Warfare (MIW) sensor data and will provide integrated contact management capabilities. NSAM creates a collaborative, multi-data set, multi-user environment with the goal of reducing the mission timeline and increasing mission effectiveness. NSAM is designed with an extensible architecture, to ease integration of additional sensors and advanced algorithms. The Integrated Tactics project develops tactics at the MIW Staff and MCM Scenario level. Project provides new MIW tactics theory and Fleet tactics training for MIW Staffs. Theory and tactics are documented and published into doctrine for Fleet users.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Title: Product Development	6.777	7.297	6.528	0.000	6.528
Articles:	-	-	-	-	-
FY 2024 Plans: - Continue NSAM software development for v1.5, AN/AQS-20C PMA. - Complete annual release, v1.4, to continue implementing draft Information Systems Capability Development Document (IS-CDD) requirements and initial software for AN/AQS-20C PMA capability. - Complete NSAM v1.3.1 to address usability feedback. - Support tactics for MIW Staffs by completing coverage vs clearance study, documenting analysis, and by updating risk algorithm. - Conduct annual Integrated Mine Countermeasures Overarching Technical Group (IMCM OTG) conference to collect and prioritize MIW Staffs' tactics requirements.					
FY 2025 Base Plans: - Complete NSAM software development for v1.5, AN/AQS-20C PMA. - Begin NSAM software development for v1.6 Near Real-time PMA initial updates and PMA Visual Guide improvements (turbo tax-like enhancements) to existing PMA software. - Conduct analyses and algorithm updates for MIW Staffs' tactics priorities.					

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0604373N / *Airborne Mine Countermeasures*	**Project (Number/Name)** 4026 / *Net-Centric Sensor Analysis for Mine Warfare (NSAM)*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
- Conduct annual IMCM OTG conference to collect and prioritize MIW Staffs' tactics requirements. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** FY 2024 to FY 2025 Product Development decrease reflects reduced software development scope beginning with v1.6.					
Title: Engineering Services/ILS	1.749	2.112	2.147	0.000	2.147
Articles:	-	-	-	-	-
FY 2024 Plans: - Continue tracking implementation of high-level requirements. - Adjudicate test observation reports (TORs) and document them as software backlog items. - Perform configuration management of system requirements and develop engineering change proposals. Maintain source code repository, requirements, and documents. - Update Authority to Operate for v1.4. - Update training materials and interactive electronic technical manual for v1.4. - Complete shipboard certification process for v1.4. - Perform research to incorporate artificial intelligence to aid in shortening the PMA timeline. ***FY 2025 Base Plans:*** - Continue tracking implementation of high-level requirements. - Adjudicate test observation reports (TORs) and document them as software backlog items. - Perform configuration management of system requirements and develop engineering change proposals. Maintain source code repository, requirements, and documents. - Update NSAM Authority to Operate for v1.5. - Update training materials and interactive electronic technical manual for v1.5. - Complete shipboard certification process for v1.5. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:***					

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0604373N / *Airborne Mine Countermeasures*	**Project (Number/Name)** 4026 / *Net-Centric Sensor Analysis for Mine Warfare (NSAM)*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
No significant change in Engineering Services scope.					
Title: Test and Evaluation	0.427	0.389	0.830	0.000	0.830
Articles:	-	-	-	-	-
FY 2024 Plans: - Conduct quarterly incremental tests of engineering builds. - Complete v1.3.1 DT. - Develop test materials in preparation for v1.4 DT.					
FY 2025 Base Plans: - Conduct quarterly incremental tests of engineering builds. - Complete v1.4 DT. - Develop test materials in preparation for v1.5 DT. - Complete v1.5 DT.					
FY 2025 OCO Plans: N/A					
FY 2024 to FY 2025 Increase/Decrease Statement: FY 2024 to FY 2025 increase represents conduct of two developmental test events in FY 2025.					
Title: Management Support	0.563	0.569	0.582	0.000	0.582
Articles:	-	-	-	-	-
FY 2024 Plans: - Continue to plan, track, follow-up and report on cost, schedule, and performance status. - Conduct management and oversight of NSAM and Integrated Tactics programs.					
FY 2025 Base Plans: - Continue to plan, track, follow-up and report on cost, schedule, and performance status. - Conduct management and oversight of NSAM and Integrated Tactics programs.					
FY 2025 OCO Plans: N/A					
FY 2024 to FY 2025 Increase/Decrease Statement:					

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0604373N / *Airborne Mine Countermeasures*	**Project (Number/Name)** 4026 / *Net-Centric Sensor Analysis for Mine Warfare (NSAM)*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
No significant change in Management Services scope.					
Accomplishments/Planned Programs Subtotals	9.516	10.367	10.087	0.000	10.087

C. Other Program Funding Summary ($ in Millions)

Line Item	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
• OPN/4248: *2 / NSAM*	0.000	0.801	0.740	-	0.740	0.589	0.000	0.000	0.000	0.000	2.130

Remarks

- OPN funding, FY 2024-2026, procures NSAM computers for fielding.

D. Acquisition Strategy

The NSAM project is executed by government-led teams at Naval Surface Warfare Center (NSWC) Panama City Division (PCD) and Naval Research Laboratory - Stennis Space Center (NRL-SSC), with additional services provided by contractor support labor. NSAM plans to enter the acquisition process at Milestone B.

The Integrated Tactics project is executed by a government team at NSWC PCD.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy			Date: March 2024
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604373N / *Airborne Mine Countermeasures*	Project (Number/Name) 4026 / *Net-Centric Sensor Analysis for Mine Warfare (NSAM)*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Hardware/Software Development	WR	NSWC PCD : Panama City, FL	45.038	4.044	Oct 2022	4.293	Oct 2023	4.077	Oct 2024	-		4.077	Continuing	Continuing	Continuing
Hardware/Software Development	WR	NRL-SSC : Bay St. Louis, MS	10.710	1.992	Oct 2022	2.004	Oct 2023	1.948	Oct 2024	-		1.948	Continuing	Continuing	Continuing
Hardware/Software Development	C/CPFF	ISPA : Panama City, FL	1.095	0.338	Mar 2023	0.500	Mar 2024	0.503	Mar 2025	-		0.503	0.000	2.436	-
Hardware/Software Development	C/IDIQ	JHU-APL : Laurel, MD	0.000	0.403	Jul 2023	0.500	Apr 2024	0.000		-		0.000	0.000	0.903	-
		Subtotal	56.843	6.777		7.297		6.528		-		6.528	Continuing	Continuing	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Engineering and Logistics Support	C/CPFF	ISPA : Panama City, FL	1.110	0.240	Mar 2023	0.190	Mar 2024	0.179	Mar 2025	-		0.179	0.000	1.719	-
Engineering and Logistics Support	WR	NSWC PCD : Panama City, FL	20.202	1.509	Oct 2022	1.922	Oct 2023	1.968	Oct 2024	-		1.968	Continuing	Continuing	Continuing
		Subtotal	21.312	1.749		2.112		2.147		-		2.147	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation (DT&E)	WR	NSWC PCD : Panama City, FL	3.794	0.263	Oct 2022	0.307	Oct 2023	0.663	Oct 2024	-		0.663	0.000	5.027	-
Developmental Test & Evaluation (DT&E)	C/CPFF	ISPA : Panama City, FL	0.164	0.164	Mar 2023	0.082	Mar 2024	0.167	Mar 2025	-		0.167	0.000	0.577	-
		Subtotal	3.958	0.427		0.389		0.830		-		0.830	0.000	5.604	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0604373N / *Airborne Mine Countermeasures*	**Project (Number/Name)** 4026 / *Net-Centric Sensor Analysis for Mine Warfare (NSAM)*

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Management Support	WR	NSWC PCD : Panama City, FL	3.685	0.361	Oct 2022	0.354	Oct 2023	0.361	Oct 2024	-		0.361	Continuing	Continuing	Continuing
Management Support	WR	NRL : Bay St. Louis, MS	0.000	0.175	Oct 2022	0.188	Oct 2023	0.191	Oct 2024	-		0.191	0.000	0.554	-
Management Support	C/CPFF	ISPA : Panama City, FL	0.000	0.027	Mar 2023	0.027	Mar 2024	0.030	Mar 2025	-		0.030	0.000	0.084	-
		Subtotal	3.685	0.563		0.569		0.582		-		0.582	Continuing	Continuing	N/A

	Prior Years	FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	85.798	9.516		10.367		10.087		-		10.087	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0604373N / *Airborne Mine Countermeasures*	**Project (Number/Name)** 4026 / *Net-Centric Sensor Analysis for Mine Warfare (NSAM)*

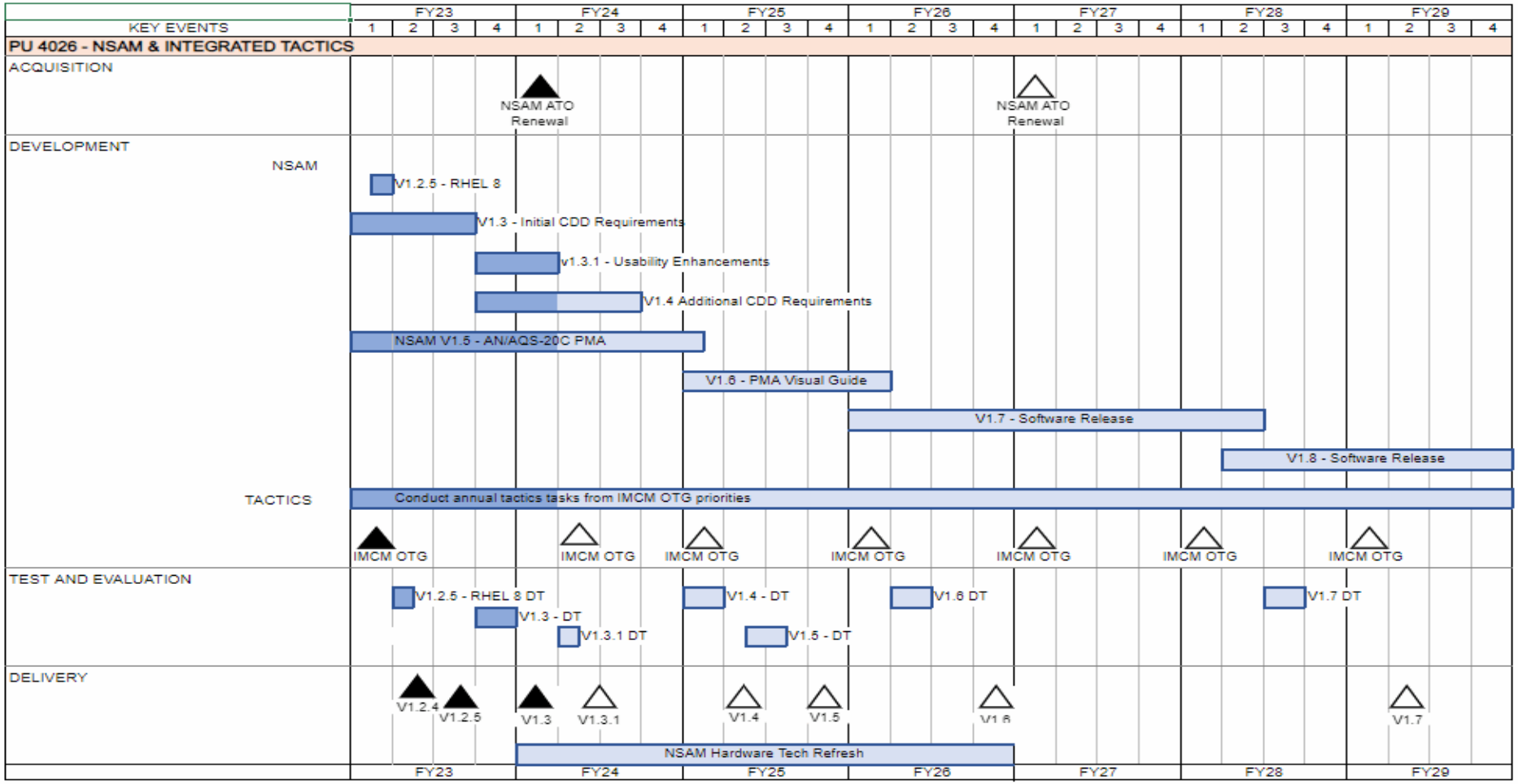

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0604373N / *Airborne Mine Countermeasures*	**Project (Number/Name)** 4026 / *Net-Centric Sensor Analysis for Mine Warfare (NSAM)*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Proj 4026				
Acquisition Milestones: NSAM ATO Renewal	1	2024	1	2024
Acquisition Milestones: NSAM ATO Renewal 2	1	2027	1	2027
Product Development: NSAM: S/W Development Build 1.2.5 RHEL 8 Installer	1	2023	1	2023
Product Development: NSAM: S/W Development Build 1.5 AN/AQS-20C PMA	1	2023	1	2025
Product Development: NSAM: S/W Development Build 1.3 initial CDD requirements	1	2023	3	2023
Product Development: NSAM: S/W Development Build 1.3.1 Usability Enhancements	4	2023	1	2024
Product Development: NSAM: S/W Development Build 1.4 additional CDD requirements	4	2023	3	2024
Product Development: NSAM: S/W Development Build 1.6 PMA Visual Guide	1	2025	1	2026
Product Development: NSAM: S/W Development Build 1.7 software release	1	2026	2	2028
Product Development: NSAM: S/W Development Build 1.8 software release	2	2028	4	2029
Product Development: Tactics: Conduct annual IMCM OTG	1	2023	4	2029
Product Development: Tactics: Conduct annual tactics tasks from IMCM OTG priorities list	1	2023	4	2029
Test & Evaluation: NSAM: Developmental Testing Build 1.2.5 RHEL 8 Installer	2	2023	2	2023
Test & Evaluation: NSAM: Developmental Testing Build 1.3 initial CDD requirements	4	2023	4	2023
Test & Evaluation: NSAM: Developmental Testing Build 1.3.1 Usability Enhancements	2	2024	2	2024
Test & Evaluation: NSAM: Developmental Testing Build 1.4 additional CDD requirements	1	2025	1	2025
Test & Evaluation: NSAM: Developmental Testing Build 1.5 AN/AQS-20C PMA	2	2025	3	2025
Test & Evaluation: NSAM: Developmental Testing Build 1.6 PMA Visual Guide	2	2026	2	2026
Test & Evaluation: NSAM: Developmental Testing Build 1.7 software release	3	2028	3	2028

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0604373N / *Airborne Mine Countermeasures*	**Project (Number/Name)** 4026 / *Net-Centric Sensor Analysis for Mine Warfare (NSAM)*

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
NSAM Deliveries: Build 1.2.4 UISS Contact Management	2	2023	2	2023
NSAM Deliveries: Build 1.2.5 RHEL 8 Installer	3	2023	3	2023
NSAM Deliveries: Build 1.3 initial CDD requirements	1	2024	1	2024
NSAM Deliveries: Build 1.3.1 Usability Enhancements	2	2024	2	2024
NSAM Deliveries: Build 1.4 additional CDD requirements	2	2025	2	2025
NSAM Deliveries: Build 1.5 AN/AQS-20C PMA	4	2025	4	2025
NSAM Deliveries: Build 1.6 PMA Visual Guide	4	2026	4	2026
NSAM Deliveries: Build 1.7 software release	2	2029	2	2029

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy			Date: March 2024
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604373N / *Airborne Mine Countermeasures*	Project (Number/Name) 9179 / *Surf Navy Integ Undersea Tactical Tech*	

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
9179: *Surf Navy Integ Undersea Tactical Tech*	11.955	0.954	1.001	0.979	-	0.979	0.991	1.002	1.020	1.042	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Surface Navy Integrated Undersea Tactical Technology (SNIUTT) is a software tool which provides contact recognition training modules for Mine Countermeasures (MCM) sensor systems. SNIUTT training modules include skills and refresher/proficiency training; the contact recognition training focuses on detection, classification, and identification of mine-like contacts. The modules run on existing PMA and training systems; this implementation reinforces PMA procedures for Fleet operators. Modules are customized based on Fleet-user needs for a specific weapons system and are used both in the classroom and at the squadrons, as contact recognition is a perishable skill. SNIUTT training modules are available for the following systems: 1) Post Mission Analysis training systems for AN/AQS-24; 2) Coastal Battlefield Reconnaissance and Analysis (COBRA) training systems for COBRA sensors; 3) Organic Post Mission Analysis (OPMA) for ALMDS and the Contact Management Tool; and 4) Net-centric Sensor Analysis for Mine Warfare (NSAM) PMA system for ALMDS.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Title: Product Development	0.374	0.411	0.377	0.000	0.377
Articles:	-	-	-	-	-
FY 2024 Plans: - Conduct SNIUTT v1.3.6 software development, for new AN/AQS-24 components; begin development of initial components for NSAM AN/AQS-20C. - Conduct SNIUTT v1.3.7 software development, additional components for NSAM AN/AQS-20C. ***FY 2025 Base Plans:*** - Conduct SNIUTT v1.3.7 software development, additional components for NSAM AN/AQS-20C. - Begin SNIUTT v1.3.8 software development, new sensor components. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** No significant change in Product Development scope.					
Title: Test and Evaluation	0.249	0.254	0.259	0.000	0.259
Articles:	-	-	-	-	-

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0604373N / *Airborne Mine Countermeasures*	**Project (Number/Name)** 9179 / *Surf Navy Integ Undersea Tactical Tech*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
FY 2024 Plans: - Develop test plan and test cases, execute SNIUTT v1.3.6 testing. provide test results, and generate test report. ***FY 2025 Base Plans:*** - Develop test plan and test cases, execute SNIUTT v1.3.7 testing., provide test results, and generate test report. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** No significant change in Test and Evaluation scope.					
Title: Engineering and Logistics Support	0.193	0.196	0.200	0.000	0.200
Articles:	-	-	-	-	-
FY 2024 Plans: - Develop high-level and derived requirements for SNIUTT v1.3.6 and v1.3.7 software products. - Perform configuration management of system requirements, develop engineering change proposals, manage ticket backlogs. Maintain SNIUTT source code repository, requirements, and documents. ***FY 2025 Base Plans:*** - Perform configuration management of system requirements, develop engineering change proposals, manage ticket backlogs. Maintain SNIUTT source code repository, requirements, and documents. - Develop test plan and test cases, provide test results, and generate test reports. Execute test events for each SNIUTT build. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** No significant change in Engineering and Logistics Support scope.					
Title: Management Support	0.138	0.140	0.143	0.000	0.143
Articles:	-	-	-	-	-
FY 2024 Plans: - Continue to plan, track, follow-up and report on cost, schedule, and performance status.					

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0604373N / *Airborne Mine Countermeasures*	**Project (Number/Name)** 9179 / *Surf Navy Integ Undersea Tactical Tech*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
- Conduct management and oversight of SNIUTT project. ***FY 2025 Base Plans:*** - Continue to plan, track, follow-up and report on cost, schedule, and performance status. - Conduct management and oversight of SNIUTT project. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** No significant change in Management Support scope.					
Accomplishments/Planned Programs Subtotals	0.954	1.001	0.979	0.000	0.979

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

Surface Navy Integrated Undersea Tactical Technology (SNIUTT) is executed by a government-led team at NSWC PCD.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy			Date: March 2024
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604373N / *Airborne Mine Countermeasures*	Project (Number/Name) 9179 / *Surf Navy Integ Undersea Tactical Tech*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Development	WR	NSWC, PCD : Panama City, FL	8.252	0.374	Oct 2022	0.411	Oct 2023	0.377	Oct 2024	-		0.377	Continuing	Continuing	Continuing
		Subtotal	8.252	0.374		0.411		0.377		-		0.377	Continuing	Continuing	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Engineering and Logistics Support	WR	NSWC, PCD : Panama City, FL	1.728	0.193	Oct 2022	0.196	Oct 2023	0.200	Oct 2024	-		0.200	Continuing	Continuing	Continuing
		Subtotal	1.728	0.193		0.196		0.200		-		0.200	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation (DT&E)	WR	NSWC, PCD : Panama City, FL	0.576	0.249	Oct 2022	0.254	Oct 2023	0.259	Oct 2024	-		0.259	0.000	1.338	-
		Subtotal	0.576	0.249		0.254		0.259		-		0.259	0.000	1.338	N/A

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Management Support	WR	NSWC, PCD : Panama City, FL	1.399	0.138	Oct 2022	0.140	Oct 2023	0.143	Oct 2024	-		0.143	0.000	1.820	-
		Subtotal	1.399	0.138		0.140		0.143		-		0.143	0.000	1.820	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy			Date: March 2024
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604373N / *Airborne Mine Countermeasures*	Project (Number/Name) 9179 / *Surf Navy Integ Undersea Tactical Tech*	

	Prior Years	FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	11.955	0.954		1.001		0.979		-		0.979	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0604373N / *Airborne Mine Countermeasures*	**Project (Number/Name)** 9179 / *Surf Navy Integ Undersea Tactical Tech*

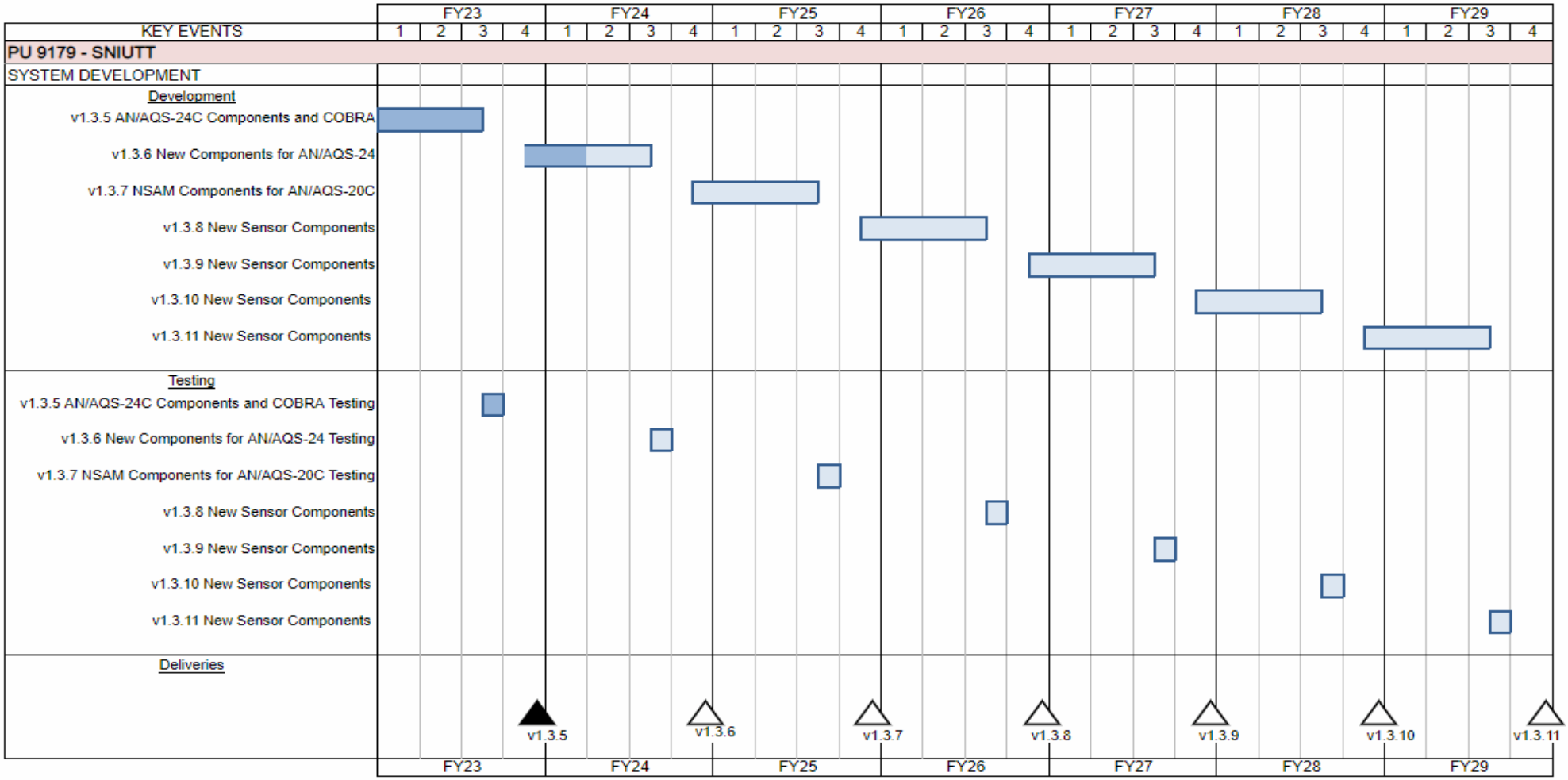

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0604373N / *Airborne Mine Countermeasures*	**Project (Number/Name)** 9179 / *Surf Navy Integ Undersea Tactical Tech*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
SNIUTT				
System Development: SNIUTT Software Development: v1.3.5 AN/AQS-24C Components, COBRA and NSAM functionality	1	2023	3	2023
System Development: SNIUTT Software Development: v1.3.6 New AN/AQS-24 components	4	2023	3	2024
System Development: SNIUTT Software Development: v1.3.7 NSAM Components for AN/AQS-20C	4	2024	3	2025
System Development: SNIUTT Software Development: v1.3.8 New sensor components	4	2025	3	2026
System Development: SNIUTT Software Development: v1.3.9 New sensor components	4	2026	3	2027
System Development: SNIUTT Software Development: v1.3.10 New sensor components	4	2027	3	2028
System Development: SNIUTT Software Development: v1.3.11 New sensor components	4	2028	3	2029
Test & Evaluation: SNIUTT: v1.3.5 testing	3	2023	3	2023
Test & Evaluation: SNIUTT: v1.3.6 testing	3	2024	3	2024
Test & Evaluation: SNIUTT: v1.3.7 testing	3	2025	3	2025
Test & Evaluation: SNIUTT: v1.3.8 testing	3	2026	3	2026
Test & Evaluation: SNIUTT: v1.3.9 testing	3	2027	3	2027
Test & Evaluation: SNIUTT: v1.3.10 testing	3	2028	3	2028
Test & Evaluation: SNIUTT: v1.3.11 testing	3	2029	3	2029
Deliveries: SNIUTT: v1.3.5	4	2023	4	2023
Deliveries: SNIUTT: v1.3.6	4	2024	4	2024

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0604373N / *Airborne Mine Countermeasures*	**Project (Number/Name)** 9179 / *Surf Navy Integ Undersea Tactical Tech*

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Deliveries: SNIUTT: v1.3.7	4	2025	4	2025
Deliveries: SNIUTT: v1.3.8	4	2026	4	2026
Deliveries: SNIUTT: v1.3.9	4	2027	4	2027
Deliveries: SNIUTT: v1.3.10	4	2028	4	2028
Deliveries: SNIUTT: v1.3.11	4	2029	4	2029