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Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Navy **Date:** March 2023

Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0604274N / <i>Next Generation Jammer (NGJ)</i>
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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	3,671.497	230.396	54.679	40.477	-	40.477	87.422	66.918	59.357	26.881	0.000	4,237.627
0557: <i>Next Generation Jammer</i>	3,671.497	230.396	54.679	40.477	-	40.477	87.422	66.918	59.357	26.881	0.000	4,237.627

Program MDAP/MAIS Code:
Project MDAP/MAIS Code(s): 445

A. Mission Description and Budget Item Justification

The Next Generation Jammer Mid-Band (NGJ-MB)(formerly known as Next Generation Jammer Increment 1) is the next step in the evolution of Airborne Electronic Attack (AEA) and is a critical capability necessary to address current, emerging, and evolving Electronic Warfare gaps, ensure kill chain wholeness against growing threat capabilities and capacity, keep pace with enemy threat weapon systems' advancements, and support the continuous expansion of the AEA mission areas that exceed the capability of currently fielded systems. NGJ-MB will utilize enhanced techniques and tactics to deliver significantly improved radar and communications jamming effectiveness as well as other classified capabilities. Utilizing an Open Systems Architecture that supports software and hardware updates to rapidly counter emergent and evolving threats, NGJ-MB is a key enabler and force multiplier for operations across the spectrum of missions defined in the Defense Strategic Guidance, including strike warfare, projecting power in highly contested environments, and counterinsurgency/irregular warfare. NGJ-MB will also address the shortfalls in scalability, flexibility, supportability, interoperability, availability, and capability of the existing AN/ALQ-99 Tactical Jamming System.

This Program Element (PE 0604274N) supports the AN/ALQ-249 NGJ-MB program. NGJ-MB will address AEA capability and sufficiency gaps against enemy threats operating in the middle frequency bands of the electromagnetic spectrum. In addition, this PE supports NGJ-MB Extended (MBX), which involves an Engineering Change Proposal (ECP) to the current NGJ-MB system that will extend the upper frequency coverage limit to counter modern and adaptive threats. This modification will improve frequency range of the NGJ-MB system and enhance the survivability of the platform and protected entities against emerging threats. In total, NGJ-MB will provide the ability to effectively engage enemy threats from increased stand-off distances, employ increased capacity (number of jamming assignments) against enemy targets, and support agile employment by operators. The NGJ-MB system will be integrated on the EA-18G tactical aircraft and will augment and then replace the legacy AN/ALQ-99 Tactical Jamming System in the middle frequency bands. NGJ-MB is a Cooperative development and production program with the Royal Australian Air Force (RAAF).

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B. Program Change Summary (\$ in Millions)	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Previous President's Budget	235.407	54.679	8.013	-	8.013
Current President's Budget	230.396	54.679	40.477	-	40.477
Total Adjustments	-5.011	0.000	32.464	-	32.464
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-5.011	0.000			
• Program Adjustments	0.000	0.000	32.449	-	32.449
• Rate/Misc Adjustments	0.000	0.000	0.015	-	0.015

Change Summary Explanation

Funding: FY2024 funding request increased by \$32.464M for the addition of NGJ-MB Extended (MBX) ECP and to complete Verification of Correction of Deficiencies (VCD) in FY 2024 for the baseline program.

Technical/Cost: NGJ-MB Extended (MBX) has been added to upgrade to the current NGJ-MB system that will extend the upper frequency coverage limit to counter modern and adaptive threats. This modification will improve frequency range of the NGJ-MB system and enhance the survivability of the platform and protected entities against emerging threats.

Schedule: Schedule updated to add MBX effort with design and development beginning in FY 2024.

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Exhibit R-2A, RDT&E Project Justification: PB 2024 Navy										Date: March 2023		
Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0604274N / Next Generation Jammer (NGJ)				Project (Number/Name) 0557 / Next Generation Jammer			
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
0557: Next Generation Jammer	3,671.497	230.396	54.679	40.477	-	40.477	87.422	66.918	59.357	26.881	0.000	4,237.627
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		
Project MDAP/MAIS Code: 445												

A. Mission Description and Budget Item Justification

This Program Element (PE 0604274N) supports the AN/ALQ-249 NGJ-MB program. NGJ-MB will address AEA capability and sufficiency gaps against enemy threats operating in the middle frequency bands of the electromagnetic spectrum. In addition, this PE supports NGJ-MB Extended (MBX), which involves an Engineering Change Proposal (ECP) to the current NGJ-MB system that will extend the upper frequency coverage limit to counter modern and adaptive threats. This modification will improve frequency range of the NGJ-MB system and enhance the survivability of the platform and protected entities against emerging threats. In total, NGJ-MB will provide the ability to effectively engage enemy threats from increased stand-off distances, employ increased capacity (number of jamming assignments) against enemy targets, and support agile employment by operators. The NGJ-MB system will be integrated on the EA-18G tactical aircraft and will augment and then replace the legacy AN/ALQ-99 Tactical Jamming System in the middle frequency bands. NGJ-MB is a Cooperative development and production program with the Royal Australian Air Force (RAAF).

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

	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Title: Next Generation Jammer Mid-Band Primary Hardware Development	82.979	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2023 Plans: N/A					
FY 2024 Base Plans: N/A					
FY 2024 OCO Plans: N/A					
Title: Next Generation Jammer Mid-Band Systems Engineering	26.255	3.353	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2023 Plans: Continue Systems Engineering efforts, which will support system performance specification verification, including flight and chamber test events. Perform Systems Engineering efforts in preparation for Operational Test Readiness Review (OTRR) and entry in to Operational Test. Continue tracking Reliability & Maintainability					

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
(R&M) metrics as test continues and perform Systems Engineering efforts to track pertinent issues and deficiencies to resolution. FY 2024 Base Plans: N/A FY 2024 OCO Plans: N/A FY 2023 to FY 2024 Increase/Decrease Statement: Funding decreases from FY 2023 to FY 2024 due to baseline NGJ-MB program engineering efforts ending.					
Title: Next Generation Jammer Mid-Band Integration Articles:	48.899 -	11.246 -	0.000 -	0.000 -	0.000 -
FY 2023 Plans: Ongoing support to System Configuration Set (SCS) software H-Build during NGJ-MB Integrated Test and Evaluation to meet Operation Test Readiness Review (OTRR) entry criteria, support Initial Operational Test and Evaluation (IOT&E) and NGJ-MB IOC. Support to include continued SIL testing and resolution of priority software anomalies discovered during NGJ-MB developmental flight test. Provide engineering and direct support to T&E team. Provide aircrew and maintenance training for NGJ-MB. FY 2024 Base Plans: N/A FY 2024 OCO Plans: N/A FY 2023 to FY 2024 Increase/Decrease Statement: Funding decreases from FY 2023 to FY 2024 due to baseline NGJ-MB program integration efforts ending.					
Title: Next Generation Jammer Mid-Band Test and Evaluation Articles:	71.311 -	39.916 -	15.077 -	0.000 -	15.077 -
FY 2023 Plans: Complete execution of NGJ-MB aeromechanical IT-C2 phase, Capabilities Based Test & Evaluation (CBT&E) and Initial Operational Test & Evaluation (IOT&E). IT-C2 includes finalizing aeroelastic survey, loads, noise & vibration, flying qualities, performance, and separation & jettison flight testing in support of NATOPS flight clearance development and approvals. CBT&E includes the conduct of advanced Airborne Electronic Attack					

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Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604274N / Next Generation Jammer (NGJ)	Project (Number/Name) 0557 / Next Generation Jammer			
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)					
mission scenarios to develop initial Tactics, Techniques and Procedures and where possible, execute early Operational Test events to reduce the overall duration of the IOT&E period and support IOC. IOT&E includes completion of operational effectiveness and suitability testing of the EA-18G / NGJ-MB system to support the recommendation for Fleet introduction.					
FY 2024 Base Plans: Complete Verification of Correction of Deficiencies (VCD) from NGJ-MB test events.					
FY 2024 OCO Plans: N/A					
FY 2023 to FY 2024 Increase/Decrease Statement: Funding decrease from FY 2023 to FY 2024 as baseline NGJ-MB completes IOT&E in FY 2023 and begins VCD in FY 2024.					
Title: Next Generation Jammer Mid-Band Extended					
Articles:					
	0.000	0.000	25.400	0.000	25.400
	-	-	-	-	-
FY 2023 Plans: N/A					
FY 2024 Base Plans: The NGJ-MB Extended (MBX) effort will be initiated in order to increase the capability to address the upper frequency coverage limit to cover current key threats. Efforts include conducting a System Requirements Review (SRR) and defining subsystem requirements, assessing risk reduction trades and early design efforts, conducting a system Preliminary Design Review, and beginning aircraft/software integration efforts, developmental test and all support and management services associated with MBX.					
FY 2024 OCO Plans: N/A					
FY 2023 to FY 2024 Increase/Decrease Statement: Funding increases from FY 2023 to FY 2024 due to initiating MBX design and development effort.					
Title: Next Generation Jammer Mid-Band Support & Management Services					
Articles:					
	0.952	0.164	0.000	0.000	0.000
	-	-	-	-	-
FY 2023 Plans:					

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Provide Support and Management Services associated with the NGJ-MB Program. FY 2024 Base Plans: N/A FY 2024 OCO Plans: N/A FY 2023 to FY 2024 Increase/Decrease Statement: Funding decreases from FY 2023 to FY 2024 due to baseline NGJ-MB program support & management services efforts ending.					
Accomplishments/Planned Programs Subtotals	230.396	54.679	40.477	0.000	40.477

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
• APN/0591: Next Generation Jammer (NGJ)	255.393	463.146	426.396	-	426.396	455.001	448.263	480.017	440.755	5,187.134	8,319.840
• APN/0505: F-18E/F and EA-18G Modernization and Sustainment	445.721	552.849	605.416	-	605.416	531.235	573.367	592.884	771.385	5,452.486	9,911.748

Remarks

D. Acquisition Strategy
The NGJ-MB program is designated an Acquisition Category 1C Major Defense Acquisition Program (MDAP), MDAP program number 445. The activity will focus on Engineering and Manufacturing Development (EMD) phase completing the design of the pod and building fifteen (15) EDM pods for Developmental Test (DT) and six (6) System Demonstration Test Article (SDTA) Pod shipsets (2 pods per shipset) for final DT, Operational Test (OT), tactics development, and Initial Operational Capability (IOC). MS-C occurred in 3rd Qtr. FY 2021. MS-C Acquisition Strategy approved by the Milestone Decision Authority, Assistant Secretary of the Navy (RD&A), 19 May 2020. In addition, this PE supports NGJ-MB Extended (MBX), an Engineering Change Proposal (ECP) to the current NGJ-MB system that will extend the upper frequency coverage limit to counter modern and adaptive threats.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Navy **Date:** March 2023

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604274N / Next Generation Jammer (NGJ)	Project (Number/Name) 0557 / Next Generation Jammer
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Product Development (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 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			
Primary Hardware Development - Engineering and Manufacturing Development	C/CPIF	Raytheon : El Segundo, CA	1,630.337	82.979	Oct 2021	0.000		0.000		-		0.000	0.000	1,713.316	1,713.316
Primary Hardware Development - MBX Development	C/CPIF	Raytheon : El Segundo, CA	0.000	0.000		0.000		13.134	Feb 2024	-		13.134	174.435	187.569	187.569
Software/Aircraft Integration	WR	NAWCWD : China Lake, CA	95.385	13.141	Nov 2021	3.288	Nov 2022	0.000		-		0.000	0.000	111.814	-
Software/Aircraft Integration MBX	WR	NAWCWD : China Lake, CA	0.000	0.000		0.000		4.809	Nov 2023	-		4.809	16.751	21.560	-
Aircraft Integration - EMD	C/CPIF	Boeing : St. Louis, MO	75.390	10.763	Dec 2021	0.000		0.000		-		0.000	0.000	86.153	86.153
Software Integration - Blk Update	WR	NAWCWD : Pt. Mugu, CA	102.525	6.590	Nov 2021	4.298	Nov 2022	0.000		-		0.000	0.000	113.413	-
Software Integration - Blk Update MBX	WR	NAWCWD : Pt. Mugu, CA	0.000	0.000		0.000		0.000		-		0.000	11.607	11.607	-
Software Integration H-Build	C/CPIF	Boeing : St Louis, MO	103.757	10.586	Oct 2021	0.000		0.000		-		0.000	0.000	114.343	114.343
Software Integration H-Build	SS/FFP	Northrup Grumman : Bethpage, NY	66.086	7.819	Dec 2021	3.660	Dec 2022	0.000		-		0.000	0.000	77.565	77.565
Systems Engineering	WR	NAWCAD : Patuxent River, MD	181.611	2.251	Nov 2021	0.000		0.000		-		0.000	0.000	183.862	-
Systems Engineering MBX	WR	NAWCAD : Patuxent River, MD	0.000	0.000		0.000		4.096	Nov 2023	-		4.096	15.198	19.294	-
Systems Engineering	WR	NAWCWD : Pt. Mugu, CA	101.203	9.228	Nov 2021	2.850	Nov 2022	0.000		-		0.000	0.000	113.281	-
Systems Engineering	WR	NSWC Crane : Crane, IN	62.153	4.233	Nov 2021	0.000		0.000		-		0.000	0.000	66.386	-
Systems Engineering	SS/CPFF	Johns Hopkins University Applied	76.722	8.846	Nov 2021	0.000		0.000		-		0.000	0.000	85.568	85.568

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Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604274N / Next Generation Jammer (NGJ)	Project (Number/Name) 0557 / Next Generation Jammer
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Product Development (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
		Physics Lab : Laurel, MD													
Systems Engineering MBX	SS/CPFF	Johns Hopkins University Applied Physics Lab : Laurel, MD	0.000	0.000		0.000		1.558	Feb 2024	-		1.558	5.873	7.431	7.431
Systems Engineering	Various	Various : Various	14.248	1.697	Nov 2021	0.503	Nov 2022	0.000		-		0.000	0.000	16.448	-
Systems Engineering MBX	Various	Various : Various	0.000	0.000		0.000		1.269	Feb 2024	-		1.269	5.333	6.602	-
Prior Year Prod Dev no longer funded in FYDP	Various	Various : Various	753.683	0.000		0.000		0.000		-		0.000	0.000	753.683	-
Subtotal			3,263.100	158.133		14.599		24.866		-		24.866	229.197	3,689.895	N/A

Remarks
Funding increases from FY 2023 to FY 2024 as the program completes NGJ-MB baseline development in FY24 and begins development of the MBX capability.

Support (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Eng & Tech Svc (Non FFRDC)	Various	Various : Various	55.286	0.780	Dec 2021	0.000		0.000		-		0.000	0.000	56.066	-
Eng & Tech Svc (Non FFRDC) MBX	Various	Various : Various	0.000	0.000		0.000		0.350	Nov 2023	-		0.350	1.471	1.821	-
Prior Year Support no longer funded in FYDP	Various	Various : Various	5.382	0.000		0.000		0.000		-		0.000	0.000	5.382	-
Subtotal			60.668	0.780		0.000		0.350		-		0.350	1.471	63.269	N/A

Remarks
Funding increases from FY 2023 to FY 2024 as the program completes NGJ-MB baseline development in FY24 and supports the development of the MBX capability.

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Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604274N / Next Generation Jammer (NGJ)	Project (Number/Name) 0557 / Next Generation Jammer
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Test and Evaluation (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 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			
Developmental Test & Evaluation (DT&E)	WR	NAWCAD : Patuxent River, MD	246.065	49.687	Nov 2021	19.066	Nov 2022	1.508	Nov 2023	-		1.508	0.000	316.326	-
Developmental Test & Evaluation (DT&E)	WR	NAWCAD MBX : Patuxent River, MD	0.000	0.000		0.000		0.000		-		0.000	9.136	9.136	-
Developmental Test & Evaluation (DT&E)	WR	NAWCWD : China Lake, CA	6.535	10.304	Mar 2022	6.822	Nov 2022	0.000		-		0.000	0.000	23.661	-
Developmental Test & Evaluation (DT&E)	Various	Boeing : St Louis, MO	42.107	4.855	Oct 2021	1.669	Oct 2022	0.000		-		0.000	0.000	48.631	48.631
Developmental Test & Evaluation (DT&E)	WR	Boeing : St Louis MO	15.596	3.731	Dec 2021	2.079	Dec 2022	0.000		-		0.000	0.000	21.406	21.406
Operational Test & Evaluation (OT&E)	Various	Various : Various	5.827	2.734	Mar 2022	10.280	Mar 2023	13.569	Nov 2023	-		13.569	0.000	32.410	-
Prior Year Developmental Test & Evaluation Not Funded FYDP (PYDT&E)	Various	Various : Various	30.121	0.000		0.000		0.000		-		0.000	0.000	30.121	-
Subtotal			346.251	71.311		39.916		15.077		-		15.077	9.136	481.691	N/A

Remarks
Funding decreases from FY 2023 to FY 2024 as the program completes NGJ-MB baseline development with Verification of Correction of Deficiencies discovered during test.

Management Services (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 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	WR	Various : Various	1.461	0.172	Oct 2021	0.164	Oct 2022	0.000		-		0.000	0.000	1.797	-
Travel MBX	WR	Various : Various	0.000	0.000		0.000		0.184	Oct 2023	-		0.184	0.774	0.958	-
Prior years Mgmt Svcs no longer funded in the FYDP	WR	Various : Various	0.017	0.000		0.000		0.000		-		0.000	0.000	0.017	-
Subtotal			1.478	0.172		0.164		0.184		-		0.184	0.774	2.772	N/A

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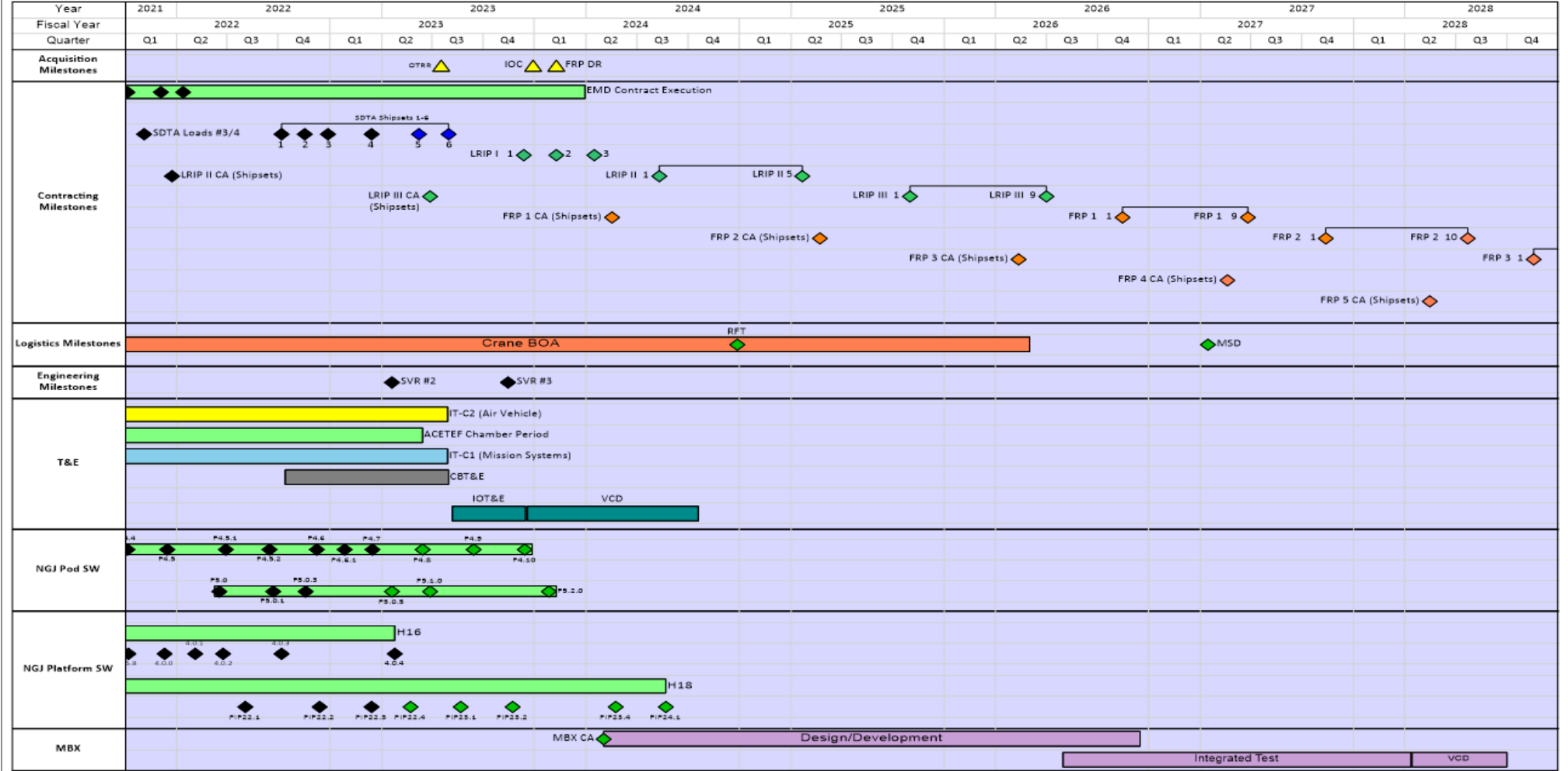
Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Navy								Date: March 2023			
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	Prior Years	FY 2022		FY 2023		FY 2024 Base	FY 2024 OCO	FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	3,671.497	230.396		54.679		40.477	-	40.477	240.578	4,237.627	N/A

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2024 Navy **Date:** March 2023

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604274N / Next Generation Jammer (NGJ)	Project (Number/Name) 0557 / Next Generation Jammer
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Exhibit R-4A, RDT&E Schedule Details: PB 2024 Navy		Date: March 2023
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Next Generation Jammer Mid-Band</i>				
Acquisition Milestones: Milestones: Initial Operational Capability	4	2023	4	2023
Acquisition Milestones: Milestones: Full Rate Production Decision Review	1	2024	1	2024
Systems Development: Hardware Development: Engineering & Manufacturing Development	1	2022	1	2024
Systems Development: Hardware Development: Engineering Development Model Deliveries	1	2022	2	2023
Systems Development: Hardware Development: NGJ-MB Extended (MBX) Engineering & Manufacturing Development	2	2024	4	2026
Systems Development: Software Development: Platform Software (H Build Integration)	1	2022	3	2024
Test & Evaluation: Technical Evaluation: Mission Systems Testing (IT-C1)	1	2022	3	2023
Test & Evaluation: Technical Evaluation: Aeromechanical Testing (IT-C2)	1	2022	3	2023
Test & Evaluation: Technical Evaluation: Mission Systems Testing (IT-C3) CBT&E	4	2022	3	2023
Test & Evaluation: Technical Evaluation: Verification Correction of Deficiencies (VCD)	4	2023	4	2024
Test & Evaluation: Technical Evaluation: NGJ-MB Extended (MBX) Integrated Test	3	2026	2	2028
Test & Evaluation: Technical Evaluation: NGJ-MB Extended (MBX) Verification Correction of Deficiencies (VCD)	2	2028	3	2028
Test & Evaluation: Operational Evaluation: Operational Test Readiness Review	3	2023	3	2023
Test & Evaluation: Operational Evaluation: Initial Operational Test & Evaluation	3	2023	4	2023
<i>Next Generation Jammer Mid-Band (cont)</i>				
Production Milestones: Contract Awards: System Verification Review 2	1	2023	1	2023
Production Milestones: Contract Awards: Low Rate Initial Production II APN-5 Contract Award	1	2022	1	2022

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Exhibit R-4A, RDT&E Schedule Details: PB 2024 Navy **Date:** March 2023

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Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Production Milestones: Contract Awards: Low Rate Initial Production III APN-5 Contract Award	2	2023	2	2023
Production Milestones: Contract Awards: Full Rate Production 1 APN-5 Contract Award	2	2024	2	2024
Production Milestones: Contract Awards: Full Rate Production 2 APN-5 Contract Award	2	2025	2	2025
Production Milestones: Contract Awards: Full Rate Production 3 APN-5 Contract Award	2	2026	2	2026
Production Milestones: Contract Awards: Full Rate Production 4 APN-5 Contract Award	2	2027	2	2027
Deliveries: System Demonstration Test Article RD TEN Deliveries	3	2022	3	2023
Deliveries: LRIP I Deliveries	4	2023	2	2024
Deliveries: LRIP II Deliveries	3	2024	2	2025
Deliveries: LRIP III Deliveries	3	2025	2	2026
Deliveries: FRP 1 Deliveries	4	2026	2	2027
Deliveries: FRP 2 Deliveries	4	2027	3	2028
Deliveries: FRP 3 Deliveries	4	2028	4	2028