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

<b>Appropriation/Budget Activity</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy / BA 5: System Development &amp; Demonstration (SDD)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0604274N / <i>Next Generation Jammer (NGJ)</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	3,220.520	435.381	235.407	54.679	-	54.679	8.013	0.000	0.000	0.000	0.000	3,954.000
0557: <i>Next Generation Jammer</i>	3,220.520	435.381	235.407	54.679	-	54.679	8.013	0.000	0.000	0.000	0.000	3,954.000

**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. 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 Australia.

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>
Previous President's Budget	447.152	243.923	0.000	-	0.000
Current President's Budget	435.381	235.407	54.679	-	54.679
Total Adjustments	-11.771	-8.516	54.679	-	54.679
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-8.516			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-11.771	0.000			
• Program Adjustments	0.000	0.000	0.000	-	0.000

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<b>Appropriation/Budget Activity</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy / BA 5: System Development &amp; Demonstration (SDD)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0604274N / <i>Next Generation Jammer (NGJ)</i>
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• Rate/Misc Adjustments	0.000	0.000	0.000	-	0.000
• Adjustments to Budget Year	-	-	54.679	-	54.679

**Change Summary Explanation**

Technical: N/A

Schedule: Schedule updates to the logistics section reflect the current logistics strategy as defined at the Milestone C event, and the start of CBT&E moving from 1QFY22 to 3QFY22.

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

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2023 Navy										<b>Date:</b> April 2022		
<b>Appropriation/Budget Activity</b> 1319 / 5					<b>R-1 Program Element (Number/Name)</b> PE 0604274N / Next Generation Jammer (NGJ)				<b>Project (Number/Name)</b> 0557 / Next Generation Jammer			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
0557: Next Generation Jammer	3,220.520	435.381	235.407	54.679	-	54.679	8.013	0.000	0.000	0.000	0.000	3,954.000
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		
<b>Project MDAP/MAIS Code:</b> 445												

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

This Program Element (PE 0604274N) supports the Next Generation Jammer Mid-Band (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. 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.

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

	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>
<b>Title:</b> Next Generation Jammer Mid-Band Primary Hardware Development	271.907	76.225	0.000	0.000	0.000
<b>Articles:</b>	-	-	-	-	-
<b>FY 2022 Plans:</b> Received delivery of instrumented SDTA loads pod test articles (1 shipset) in 1QFY22 to expand flight test envelope to full operational requirement. Begin deliveries of remaining 6 SDTA pod shipsets from 3QFY22 through 3QFY23 which will be used for final developmental test efforts, tactics development, operational test and ultimately Initial Operating Capability (IOC).					
<b>FY 2023 Base Plans:</b> Deliver pod Operational Flight Program (OFP) software builds to correct deficiencies identified during completion of developmental flight test. Deliver final OFP software build to support IOT&E. Support to include continued Software Integration Laboratory (SIL) testing and resolution of priority software anomalies discovered during NGJ-MB developmental flight test. Provide engineering and technical support to developmental and operational flight test activities including maintenance personnel training and aircrew training.					
<b>FY 2023 OCO Plans:</b> N/A					
<b>FY 2022 to FY 2023 Increase/Decrease Statement:</b>					

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<b>Appropriation/Budget Activity</b> 1319 / 5		<b>R-1 Program Element (Number/Name)</b> PE 0604274N / Next Generation Jammer (NGJ)		<b>Project (Number/Name)</b> 0557 / Next Generation Jammer	
<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>					
	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>
Funding decreases from FY 2022 to FY 2023 as planned due to the EMD contract concludes in FY 2022.					
<b>Title:</b> Next Generation Jammer Mid-Band Systems Engineering					
	31.285	24.190	3.353	0.000	3.353
<b>Articles:</b>	-	-	-	-	-
<b>FY 2022 Plans:</b> Continue Systems Engineering efforts, which will support system performance specification verification, SIL testing, platform software integration at government and contractor facilities, Mission Systems Flight Test and Aeromechanical Flight Test. Perform Systems Engineering efforts in preparation for Operational Test. Reassess Interim Support Phase requirements to ensure initial fielding is supported. Review initial provisioning data with NAVSUP to ensure data being populated in the Logistics Product Database (LPD) is complete and correct based on the Provisioning Statement of Work (SOW). Continue to work with NAVSUP and the contractor to see that provisioning data timeline is on track to meet Material Support Date (MSD). Continue to work with key stakeholders to refine Product Support Package (PSP) and sustainment activities for AN/ALQ-249 efforts. Incorporate changes to the system PSP into the Life Cycle Sustainment Plan (LCSP). Initiate a review of all supportability requirements for IOC.					
<b>FY 2023 Base Plans:</b> 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 (R&M) metrics as test continues and perform Systems Engineering efforts to track pertinent issues and deficiencies to resolution.					
<b>FY 2023 OCO Plans:</b> N/A					
<b>FY 2022 to FY 2023 Increase/Decrease Statement:</b> Funding decreases from FY 2022 to FY 2023 as the program completes the majority of the test program and transitions to production.					
<b>Title:</b> Next Generation Jammer Mid-Band Test and Evaluation					
	79.173	77.580	39.916	0.000	39.916
<b>Articles:</b>	-	-	-	-	-
<b>FY 2022 Plans:</b> Complete execution of NGJ-MB aeromechanical IT-B1 phase and commence aeromechanical IT-C2 phase. Complete mission systems (IT-C1) testing and conduct Capabilities Based Test and Evaluation (CBT&E). IT-C1					

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

	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>
<p>includes the following: finalize demonstrations and collection of data necessary to support verification of System Performance Specification (SPS) and Integration Requirements Document (IRD) items; finalize mission systems flight testing; finalize verification of advanced mission system functionality and DRM analysis in the ACETEF; finalize advanced jamming technique characterization in the HEATR facility; and finalize reliability and antenna pattern testing at EATES and the FARM. IT-C2 includes the following: finalize store flying qualities, stability &amp; control, performance and separation, and jettison flight testing in support of flight clearance development and approvals. CBT&amp;E will execute advanced mission systems flight testing to include jammer effectiveness within advanced Airborne Electronic Attack mission scenarios and initial Tactics, Techniques and Procedures development.</p> <p><b>FY 2023 Base Plans:</b> Complete execution of NGJ-MB aeromechanical IT-C2 phase, Capabilities Based Test &amp; Evaluation (CBT&amp;E) and Initial Operational Test &amp; Evaluation (IOT&amp;E). IT-C2 includes finalizing noise &amp; vibration, flying qualities, performance, and separation &amp; jettison flight testing in support of NATOPS flight clearance development and approvals. CBT&amp;E includes the conduct of advanced Airborne Electronic Attack 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&amp;E period and support IOC. IOT&amp;E includes completion of operational effectiveness and suitability testing of the EA-18G / NGJ-MB system to support the provision of a recommendation for Fleet introduction.</p> <p><b>FY 2023 OCO Plans:</b> N/A</p> <p><b>FY 2022 to FY 2023 Increase/Decrease Statement:</b> Funding decreases from FY 2022 to FY 2023 due to the completion of developmental flight and chamber testing in the first half of FY 2023, and the program begins IOT&amp;E.</p>					
<p><b>Title:</b> Next Generation Jammer Mid-Band Integration</p> <p align="right"><b>Articles:</b></p> <p><b>FY 2022 Plans:</b> Ongoing support to System Configuration Set (SCS) software H16 build during Integrated Test and Evaluation to meet H16 IOC and completion of NG-MB developmental test. Support to include continued SIL testing</p>	47.789	56.489	11.246	0.000	11.246
	-	-	-	-	-

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<b>Appropriation/Budget Activity</b> 1319 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604274N / Next Generation Jammer (NGJ)	<b>Project (Number/Name)</b> 0557 / Next Generation Jammer

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>
and resolution of priority software anomalies discovered during NGJ-MB developmental flight test. Continue refinement of aircrew and maintenance training for NGJ-MB.					
<b>FY 2023 Base Plans:</b> Ongoing support to System Configuration Set (SCS) software H16 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.					
<b>FY 2023 OCO Plans:</b> N/A					
<b>FY 2022 to FY 2023 Increase/Decrease Statement:</b> Funding decreases from FY 2022 to FY 2023 as the program executes OT and integration efforts ramp down.					
<b>Title:</b> Next Generation Jammer Mid-Band Support & Management Services	5.227	0.923	0.164	0.000	0.164
<b>Articles:</b>	-	-	-	-	-
<b>FY 2022 Plans:</b> Provide Support and Management Services associated with the NGJ-MB Program.					
<b>FY 2023 Base Plans:</b> Provide Support and Management Services associated with the NGJ-MB Program.					
<b>FY 2023 OCO Plans:</b> N/A					
<b>FY 2022 to FY 2023 Increase/Decrease Statement:</b> Funding decreases from FY 2022 to FY 2023 due to program transitioning into production.					
<b>Accomplishments/Planned Programs Subtotals</b>	435.381	235.407	54.679	0.000	54.679

<b>C. Other Program Funding Summary (\$ in Millions)</b>											
<b>Line Item</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
• APN/0591: Next Generation Jammer (NGJ)	163.735	255.393	401.563	-	401.563	415.571	457.440	453.036	706.825	4,484.956	7,338.519

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

Line Item	FY 2021	FY 2022	FY 2023	FY 2023	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Cost To	
			Base	OCO	Total					Complete	Total Cost
• APN/0505: F-18E/F and EA-18G Modernization and Sustainment	399.348	445.721	572.681	-	572.681	629.256	518.199	522.603	542.178	5,769.676	9,399.662

**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.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Navy												Date: April 2022			
Appropriation/Budget Activity 1319 / 5				R-1 Program Element (Number/Name) PE 0604274N / Next Generation Jammer (NGJ)				Project (Number/Name) 0557 / Next Generation Jammer							
Product Development (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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
Primary Hardware Development - Engineering and Manufacturing Development	C/CPIF	Raytheon : El Segundo, CA	1,357.890	271.907	Oct 2020	76.225	Oct 2021	0.000		-		0.000	0.000	1,706.022	1,706.022
Software/Aircraft Integration	WR	NAWCWD : China Lake, CA	84.035	11.350	Nov 2020	13.141	Nov 2021	3.288	Nov 2022	-		3.288	0.000	111.814	-
Aircraft Integration - EMD	C/CPIF	Boeing : St. Louis, MO	72.216	3.174	Dec 2020	14.307	Dec 2021	0.000		-		0.000	0.000	89.697	89.697
Software Integration - Blk Update	WR	NAWCWD : Pt. Mugu, CA	93.300	9.225	Nov 2020	6.590	Nov 2021	4.298	Nov 2022	-		4.298	0.000	113.413	-
Software Integration	C/BOA	Raytheon : El Segundo, CA	0.000	3.422	Apr 2021	4.473	May 2022	0.000		-		0.000	0.000	7.895	-
Software Integration H-16	C/CPIF	Boeing : St Louis, MO	94.107	9.650	Oct 2020	9.368	Oct 2021	0.000		-		0.000	0.000	113.125	-
Software Integration H-16	SS/FFP	Northrup Grumman : Bethpage, NY	55.118	10.968	Dec 2020	8.610	Dec 2021	3.660	Dec 2022	-		3.660	0.000	78.356	78.356
Systems Engineering	WR	NAWCAD : Patuxent River, MD	173.083	9.068	Nov 2020	2.251	Nov 2021	0.000		-		0.000	0.000	184.402	-
Systems Engineering	WR	NAWCWD : Pt. Mugu, CA	92.413	8.790	Nov 2020	8.959	Nov 2021	2.850	Nov 2022	-		2.850	0.000	113.012	-
Systems Engineering	WR	NSWC Crane : Crane, IN	57.564	4.589	Nov 2020	5.388	Nov 2021	0.000		-		0.000	0.000	67.541	-
Systems Engineering	SS/CPFF	Johns Hopkins University Applied Physics Lab : Laurel, MD	69.695	7.027	Feb 2021	5.017	Feb 2022	0.000		-		0.000	0.000	81.739	81.739
Systems Engineering	WR	Naval Research Laboratory : Washington, DC	6.776	0.408	Nov 2020	0.690	Nov 2021	0.000		-		0.000	0.000	7.874	-
Systems Engineering	Various	Various : Various	13.545	0.703	Nov 2020	0.685	Nov 2021	0.503	Nov 2022	-		0.503	0.000	15.436	-
Systems Engineering	SS/FFP	NSMA : Arlington, VA	10.418	0.700	Feb 2021	1.200	Feb 2022	0.000		-		0.000	0.000	12.318	12.318

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<b>Product Development (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Prior Year Prod Dev no longer funded in FYDP	Various	Various : Various	731.959	0.000		0.000		0.000		-		0.000	0.000	731.959	-
<b>Subtotal</b>			2,912.119	350.981		156.904		14.599		-		14.599	0.000	3,434.603	N/A

**Remarks**  
Funding decreases from FY 2022 to FY 2023 due to development efforts ramping down as the program transitions into production in FY 2021.

<b>Support (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Eng & Tech Svc (Non FFRDC)	Various	Various : Various	50.157	5.129	Dec 2020	0.663	Dec 2021	0.000		-		0.000	0.000	55.949	55.949
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	-
<b>Subtotal</b>			55.539	5.129		0.663		0.000		-		0.000	0.000	61.331	N/A

**Remarks**  
Funding decreases from FY 2022 to FY 2023 due to development efforts ramping down as the program transitions into production in FY 2021.

<b>Test and Evaluation (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Development T & E	WR	NAWCAD : Patuxent River, MD	186.966	59.099	Nov 2020	53.179	Nov 2021	19.066	Nov 2022	-		19.066	1.508	319.818	-
Development T & E	WR	NAWCWD : China Lake, CA	0.000	6.535	Mar 2021	6.850	Mar 2022	6.822	Nov 2022	-		6.822	0.000	20.207	-
Development T & E	Various	Boeing : St Louis, MO	33.569	8.538	Oct 2020	11.338	Oct 2021	1.669	Oct 2022	-		1.669	0.000	55.114	55.114
Development T & E	Various	Boeing : St Louis MO	12.250	3.346	Dec 2020	3.731	Dec 2021	2.079	Dec 2022	-		2.079	0.000	21.406	21.406
Test OT	Various	Various : Various	4.172	1.655	Mar 2021	2.482	Mar 2022	10.280	Mar 2023	-		10.280	6.337	24.926	-

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<b>Test and Evaluation (\$ in Millions)</b>				<b>FY 2021</b>		<b>FY 2022</b>		<b>FY 2023 Base</b>		<b>FY 2023 OCO</b>		<b>FY 2023 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>			
Prior year T&E no longer funded in the FYDP	Various	Various : Various	14.525	0.000		0.000		0.000		-		0.000	0.000	14.525	-
<b>Subtotal</b>			251.482	79.173		77.580		39.916		-		39.916	7.845	455.996	N/A

**Remarks**  
Funding decrease from FY 2022 to FY 2023 as program completes IT-C2 in 2nd Qtr FY2023 and program begins the transition into Operational Testing.

<b>Management Services (\$ in Millions)</b>				<b>FY 2021</b>		<b>FY 2022</b>		<b>FY 2023 Base</b>		<b>FY 2023 OCO</b>		<b>FY 2023 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>			
Travel	WR	Various : Various	1.363	0.098	Oct 2020	0.260	Oct 2021	0.164	Oct 2022	-		0.164	0.168	2.053	-
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	-
<b>Subtotal</b>			1.380	0.098		0.260		0.164		-		0.164	0.168	2.070	N/A

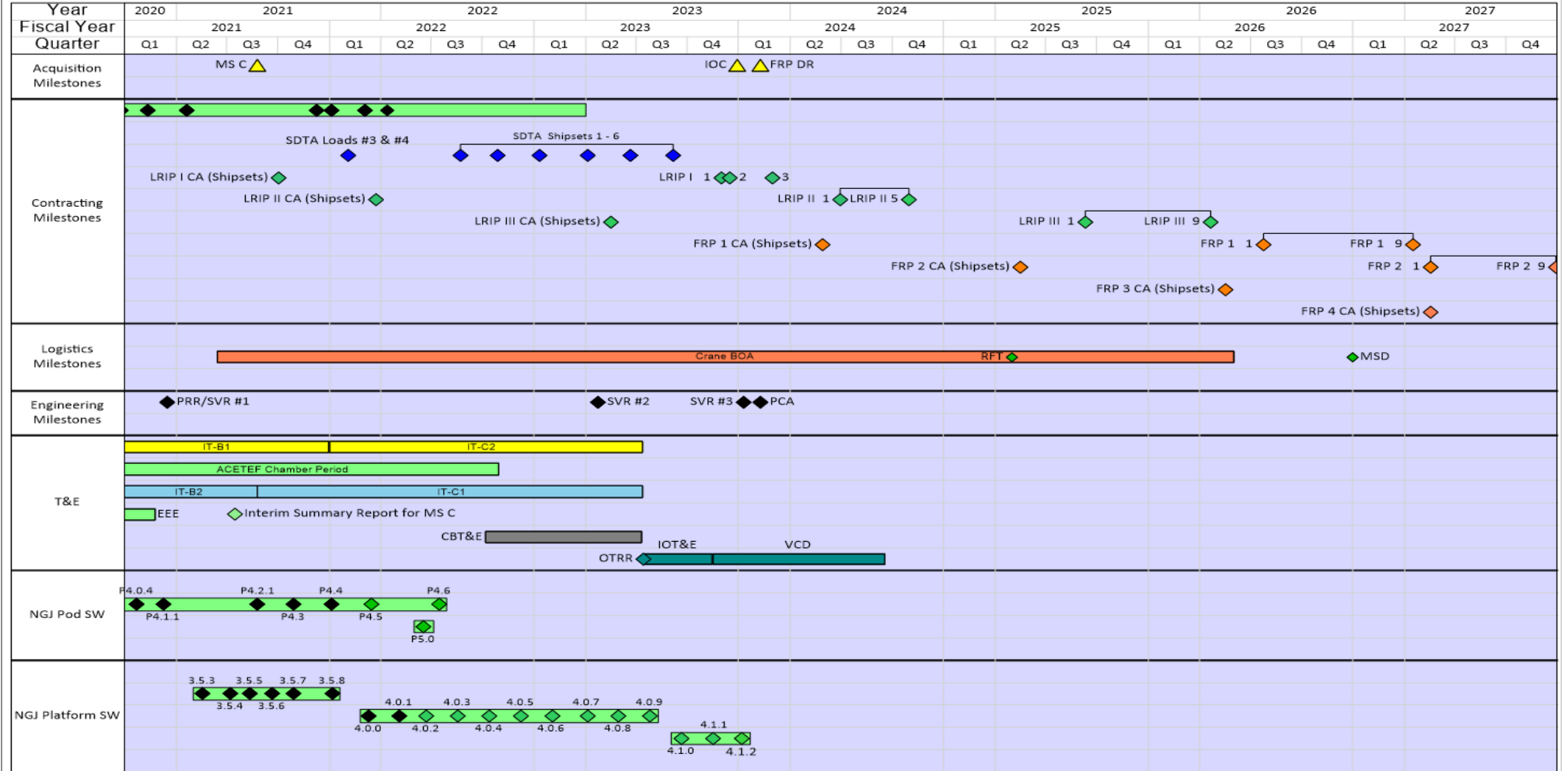
	<b>Prior Years</b>	<b>FY 2021</b>		<b>FY 2022</b>		<b>FY 2023 Base</b>		<b>FY 2023 OCO</b>		<b>FY 2023 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>		3,220.520	435.381		235.407		54.679		-	54.679	8.013	3,954.000	N/A

**Remarks**

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

<b>Appropriation/Budget Activity</b> 1319 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604274N / Next Generation Jammer (NGJ)	<b>Project (Number/Name)</b> 0557 / Next Generation Jammer
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<b>Exhibit R-4A, RDT&amp;E Schedule Details: PB 2023 Navy</b>		<b>Date: April 2022</b>
<b>Appropriation/Budget Activity</b> 1319 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604274N / <i>Next Generation Jammer (NGJ)</i>	<b>Project (Number/Name)</b> 0557 / <i>Next Generation Jammer</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>Next Generation Jammer (Increment 1)</b>				
Acquisition Milestones: Milestones: Milestone C	3	2021	3	2021
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	2021	1	2023
Systems Development: Hardware Development: Engineering Development Model Deliveries	1	2021	2	2022
Systems Development: Software Development: Platform Software (H Build Integration)	1	2021	1	2024
Test & Evaluation: Technical Evaluation: Aeromechanical Testing (IT-B1)	1	2021	4	2021
Test & Evaluation: Technical Evaluation: Mission Systems Testing (IT-B2)	1	2021	3	2021
Test & Evaluation: Technical Evaluation: Mission Systems Testing (IT-C1)	3	2021	2	2023
Test & Evaluation: Technical Evaluation: Aeromechanical Testing (IT-C2)	4	2021	3	2023
Test & Evaluation: Technical Evaluation: Mission Systems Testing (IT-C3) CBT&E	4	2022	2	2023
Test & Evaluation: Technical Evaluation: Verification Correction of Deficiencies (VCD)	4	2023	3	2024
Test & Evaluation: Operational Evaluation: Operational Test Readiness Review	2	2023	2	2023
Test & Evaluation: Operational Evaluation: Initial Operational Test & Evaluation	3	2023	4	2023
<b>Next Generation Jammer (Increment 1) (cont)</b>				
Engineering Milestones: Reviews: Production Readiness Review	1	2021	1	2021
Engineering Milestones: Reviews: System Verification Review 1	1	2021	1	2021
Production Milestones: Contract Awards: System Verification Review 2	2	2023	2	2023
Production Milestones: Contract Awards: Low Rate Initial Production 1 APN-5 Contract Award	4	2021	4	2021

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

<b>Appropriation/Budget Activity</b> 1319 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604274N / Next Generation Jammer (NGJ)	<b>Project (Number/Name)</b> 0557 / Next Generation Jammer
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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>
Production Milestones: Contract Awards: Low Rate Initial Production 2 APN-5 Contract Award	1	2022	1	2022
Production Milestones: Contract Awards: Low Rate Initial Production 3 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 1 Deliveries	4	2023	1	2024
Deliveries: LRIP 2 Deliveries	2	2024	4	2024
Deliveries: LRIP 3 Deliveries	3	2025	2	2026
Deliveries: FRP 1 Deliveries	3	2026	2	2027
Deliveries: FRP 2 Deliveries	2	2027	4	2027