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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2017 Navy **Date:** February 2016

<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 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
Total Program Element	657.141	224.578	387.770	577.822	-	577.822	544.124	543.219	353.876	212.939	0.000	3,501.469
0557: <i>Next Generation Jammer</i>	657.141	224.578	387.770	577.822	-	577.822	544.124	543.219	353.876	212.939	0.000	3,501.469

**Program MDAP/MAIS Code:**  
**Project MDAP/MAIS Code(s):** P445

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

Decrease in NEXT GENERATION JAMMER (NGJ) by \$1.724M as required for the Department of the Navy to comply with the Bipartisan Budget Act of 2015.

The Next Generation Jammer (NGJ) is the next step in the evolution of Airborne Electronic Attack (AEA) and is needed to meet current and emerging Electronic Warfare gaps, ensure kill chain wholeness against growing threat capabilities and capacity, and to keep pace with threat weapons systems advances and continuous expansion of the AEA mission area. NGJ is an evolutionary acquisition program providing capability in three increments: Increment 1 (Mid-Band), Increment 2 funded under PE 0604282N (Low-Band) and Increment 3 (High-Band). The order of development - mid, low, and then high - was determined by the threat and available capability.

NGJ Inc 1 capabilities will address Mid-Band AEA capability gaps, AEA sufficiency gaps, and address ALQ-99 Tactical Jamming System shortfalls in scalability, flexibility, supportability, interoperability, availability, and capability.

NGJ Inc 1 will deliver significantly improved radar and communications jamming capabilities with Open Systems Architecture that supports software and hardware updates to rapidly counter improving threats. NGJ Inc 1 will contribute across the spectrum of missions defined in the Defense Strategic Guidance to include strike warfare, projecting power despite anti-access/area denial challenges, and counterinsurgency/irregular warfare.

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>
Previous President's Budget	230.713	411.767	515.085	-	515.085
Current President's Budget	224.578	387.770	577.822	-	577.822
Total Adjustments	-6.135	-23.997	62.737	-	62.737
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-23.997			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-6.135	0.000			
• Program Adjustments	0.000	0.000	34.900	-	34.900
• Rate/Misc Adjustments	0.000	0.000	27.837	-	27.837

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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2017 Navy		<b>Date:</b> February 2016
<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>	
<p><b><u>Change Summary Explanation</u></b> Technical: Not applicable.</p> <p>Schedule: Project Unit 0557: The IPR DAB LRIP Pre-FFP release event is no longer required before Milestone C. Program schedule review re-baselined Production Readiness Review (PRR) from 4th Qtr. 2018 to 2nd Qtr. 2019. Engineering Development Models (EDMs) final deliveries moved from 4th Qtr. 2019 to 2nd Qtr. 2020. The Test Readiness Review (TRR) and the Flight Readiness Review (FRR) were separated into an aeromechanical phase and a mission system phase. As each phase requires a distinct set of data, the program separated them to show more fidelity and visibility into the incremental test approach.</p>		

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2017 Navy										<b>Date:</b> February 2016		
<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>			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
0557: <i>Next Generation Jammer</i>	657.141	224.578	387.770	577.822	-	577.822	544.124	543.219	353.876	212.939	0.000	3,501.469
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		
<b>Project MDAP/MAIS Code:</b> P445												

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

NGJ Inc 1 capabilities will address Mid-Band AEA capability gaps, AEA sufficiency gaps, and address ALQ-99 Tactical Jamming System shortfalls in scalability, flexibility, supportability, interoperability, availability, and capability. NGJ Inc 1 will deliver significantly improved radar and communications jamming capabilities with Open Systems Architecture that supports software and hardware updates to rapidly counter improving threats. NGJ Inc 1 will contribute across the spectrum of missions defined in the Defense Strategic Guidance to include strike warfare, projecting power despite anti-access/area denial challenges, and counterinsurgency/irregular warfare.

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

	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>
<b>Title:</b> Next Generation Jammer Inc 1 Primary Hardware Development	132.790	215.269	387.443	0.000	387.443
<b>Articles:</b>	-	-	15	-	15
<b>FY 2015 Accomplishments:</b> Continue Technology Development phase and continued development of Pod Prime Hardware to a Preliminary Design Review level of maturity.					
<b>FY 2016 Plans:</b> Continue maturation of Critical Technology Elements (CTEs) to a Technology Readiness of 6 in support of Milestone B. Award Engineering and Manufacturing Development Contract in 2nd Qtr FY 2016. Post Milestone B work will focus on continuing maturation of technologies and maturation of the system design of the Pod Prime Hardware in preparation for Critical Design Review in FY 2017 and ordering of material in support of test article builds.					
<b>FY 2017 Base Plans:</b> System design of the Pod Prime Hardware will continue through the Critical Design Review (CDR) in 2nd Qtr. FY 2017. Upon a successful CDR, the pod hardware procurement and assembly will commence for the 15 Engineering Development Models. Also during this time aeromechanical shapes are being developed to support the air worthiness testing during the IT-B1 and IT-B2 test phases.					
<b>FY 2017 OCO Plans:</b>					

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2017 Navy		<b>Date:</b> February 2016
<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 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>
N/A					
<p><b>Title:</b> Next Generation Jammer Inc 1 Systems Engineering</p> <p align="right"><b>Articles:</b></p> <p><b>FY 2015 Accomplishments:</b> Perform System Engineering efforts in support of continued Next Generation Jammer Increment 1 development.</p> <p><b>FY 2016 Plans:</b> Perform System Engineering efforts in support of continued NGJ Increment 1 development to include initial system security engineering development activities culminating in a Critical Design Review in FY 2017. A Technology Readiness Assessment will be performed during this timeframe, where the Technology Readiness Level (TRL) of the NGJ Critical Technology Elements (CTEs) will be determined.</p> <p><b>FY 2017 Base Plans:</b> Perform Systems Engineering efforts, resulting in a Critical Design Review in 2nd Qtr. FY 2017, which will support development of the Engineering Development Models (EDMs) required for Developmental Testing. Systems engineering efforts will also be supporting the Integration Readiness Review (IRR) and the Test Readiness Review (TRR), to include update and traceability of specifications, event planning, execution, and closeout of Request For Action (RFAs) and Request for Information (RFIs).</p> <p><b>FY 2017 OCO Plans:</b> N/A</p>	41.177	48.431	51.415	0.000	51.415
	-	-	-	-	-
<p><b>Title:</b> Next Generation Jammer Inc 1 Test and Evaluation</p> <p align="right"><b>Articles:</b></p> <p><b>FY 2015 Accomplishments:</b> Wind tunnel events in support of Critical Technology Element demonstrations to support Technology Readiness Assessment for Milestone B.</p> <p><b>FY 2016 Plans:</b> Develop Test Evaluation Master Plan for Milestone B. A static loads test article will be prepared in support of initiation of static loads testing. The Integrated Test Team (ITT) will start build up in the aeromechanical disciplines and the flutter A/C will be modified in support of flutter testing.</p> <p><b>FY 2017 Base Plans:</b></p>	1.300	26.040	39.414	0.000	39.414
	-	-	-	-	-

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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 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>
<p>Conduct High Speed Stability and Control(S&amp;C) and Performance, Low Speed Performance, and Loads and Stores Separation wind tunnel testing. Develop wind tunnel test reports. A static loads test article will be delivered in support of initiation of static loads testing. Flutter, loads, noise and vibration, flying qualities, and jettison test articles will be developed and prepared in support of aeromechanical flight testing. Prepare the Flutter Test Aircraft to include reconfiguration with wing-tip ALQ-218 mass property models to represent an EA-18G and instrumentation modifications. Conduct Flutter Test Aircraft regression testing to include regression ground vibration test (GVT) and regression GVT analysis. The Integrated Test Team (ITT) will start build up in the mission systems disciplines in support of chamber, ground, and flight testing for installed system performance characterization.</p> <p><b>FY 2017 OCO Plans:</b> N/A</p>						
<p><b>Title:</b> Next Generation Jammer Inc 1 Aircraft Integration</p> <p align="right"><b>Articles:</b></p>		45.448	93.590	95.020	0.000	95.020
<p><b>FY 2015 Accomplishments:</b> Perform Aircraft/Software Integration efforts to support Next Generation platform integration and meet IOC.</p> <p><b>FY 2016 Plans:</b> Develop, design, procure, and test A-kit modifications and initiate flight clearance work in support of MS B program requirements and testing activities. Efforts include non-recurring engineering for proposed aircraft modifications, finalization of software requirements for the NGJ integration software build, and commencement of software development.</p> <p><b>FY 2017 Base Plans:</b> Simultaneously working on three System Configuration Set (SCS) software builds in various stages; System Integration of Build #1, Design of Build #2, and System Specification and Design of Build #3. Conduct System Engineering reviews, Software Integration Lab (SIL) testing, and flight testing associated with each phase. Continuation of A-kit modification activities to include assembly of A-kits.</p> <p><b>FY 2017 OCO Plans:</b> N/A</p>		-	-	-	-	-
<p><b>Title:</b> Next Generation Jammer Inc 1 Support &amp; Management Services</p> <p align="right"><b>Articles:</b></p>		3.863	4.440	4.530	0.000	4.530
		-	-	-	-	-

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<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>
<b><i>FY 2015 Accomplishments:</i></b> Provide Support and Management Services associated with the Next Generation Jammer Program.					
<b><i>FY 2016 Plans:</i></b> Provide Support and Management Services associated with the Next Generation Jammer Program.					
<b><i>FY 2017 Base Plans:</i></b> Provide Support and Management Services associated with the Next Generation Jammer Program.					
<b><i>FY 2017 OCO Plans:</i></b> N/A					
<b>Accomplishments/Planned Programs Subtotals</b>	224.578	387.770	577.822	0.000	577.822

<b>C. Other Program Funding Summary (\$ in Millions)</b>											
<b>Line Item</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
• APN/0591: Next Generation Jammer	0.000	0.000	0.000	-	0.000	0.000	216.591	424.767	533.518	4,300.934	5,475.810
• APN/0605: Spares and Repair Parts	0.000	0.000	0.000	-	0.000	0.000	31.598	34.396	18.362	0.000	84.356
• MCN/00620258: Next Generation Jammer	0.000	0.000	0.000	-	0.000	0.000	7.806	0.000	0.000	0.000	7.806

**Remarks**

**D. Acquisition Strategy**  
Next Generation Jammer is designated a Pre-Major Defense Acquisition Program (MDAP), MDAP program number P445. The activity will focus on technology maturation plans to develop the Critical Technology Elements to a Technology Readiness Level of 6 in preparation for Milestone B in early FY16. Post Milestone B, the focus will be on system design of the pod toward a Critical Design Review level of maturity.

**E. Performance Metrics**  
Post Milestone B continue system design of Pod Prime Hardware for favorable Critical Design Review (CDR) 2nd QTR 2017.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2017 Navy												Date: February 2016			
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 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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 - Technology Development	C/CPIF	Raytheon : El Segundo, CA	141.567	132.790	Oct 2014	30.932	Oct 2015	0.000		-		0.000	0.000	305.289	305.289
Primary Hardware Development - Engineering and Manufacturing Development	C/CPIF	Raytheon : El Segundo, CA	0.000	0.000		184.337	Mar 2016	387.444	Nov 2016	-		387.444	833.532	1,405.313	1,405.313
Aircraft Integration	SS/CPIF	Boeing : St. Louis, MO	14.000	7.912	Jun 2015	7.043	Dec 2015	0.000		-		0.000	0.000	28.955	28.955
Aircraft Integration - EMD	C/CPIF	Boeing : St. Louis, MO	0.000	0.000		19.315	Mar 2016	30.097	Nov 2016	-		30.097	83.743	133.155	133.155
Aircraft Integration - FCNS	SS/FFP	Harris : Palm Bay, FL	6.099	0.000		4.300	Jun 2016	0.000		-		0.000	0.000	10.399	10.399
Software /Aircraft Integration	WR	NAWCWD : China Lake, CA	10.347	5.360	Nov 2014	5.778	Nov 2015	6.556	Nov 2016	-		6.556	30.076	58.117	-
Software Integration - Systems Integration Lab	Various	NAVSUP : Philadelphia, PA	0.000	0.000		29.358	Feb 2016	7.476	Feb 2017	-		7.476	0.000	36.834	36.834
Software Integration-Systems Integration Lab	Various	Boeing : St. Louis, MO	2.738	0.000		0.000		0.000		-		0.000	0.000	2.738	2.738
Software Integration-Systems Integration Lab	SS/FFP	Northrop Grumman : Bethpage, NY	20.049	9.800	Dec 2014	1.309	Feb 2016	2.250	Feb 2017	-		2.250	4.945	38.353	38.353
Software Integration - SOR	C/CPIF	Boeing : St. Louis, MO	11.740	12.424	Jul 2015	0.000		0.000		-		0.000	0.000	24.164	24.164
Software Integration - Blk Update	WR	NAWCWD : Pt. Mugu, CA	8.529	9.952	Nov 2014	14.353	Nov 2015	13.494	Nov 2016	-		13.494	45.536	91.864	-
Software integration H-14	C/CPIF	Boeing : St Louis, MO	0.000	0.000		9.182	Mar 2016	15.596	Feb 2017	-		15.596	37.918	62.696	62.696
Software Integration H-14	SS/FFP	Northrop Grumman : Bethpage, NY	0.000	0.000		2.370	Dec 2015	18.548	Dec 2016	-		18.548	44.126	65.044	65.044
Software Integration H-14	WR	NAWCWD : China Lake	0.000	0.000		0.583	Nov 2015	1.002	Nov 2016	-		1.002	2.202	3.787	-
Systems Engineering Trainer	Various	TBD : TBD	0.000	0.000		0.000		0.000		-		0.000	7.208	7.208	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2017 Navy												Date: February 2016			
Appropriation/Budget Activity				R-1 Program Element (Number/Name)					Project (Number/Name)						
1319 / 5				PE 0604274N / Next Generation Jammer (NGJ)					0557 / Next Generation Jammer						
Product Development (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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
Systems Engineering	WR	NAWCAD : Patuxent River, MD	60.765	20.128	Nov 2014	19.780	Nov 2015	17.775	Nov 2016	-		17.775	36.600	155.048	-
Systems Engineering	WR	NAWCWD : Pt. Mugu, CA	30.345	7.579	Nov 2014	8.344	Nov 2015	8.707	Nov 2016	-		8.707	29.296	84.271	-
Systems Engineering	WR	NSWC Crane : Crane, IN	24.512	3.900	Nov 2014	3.419	Nov 2015	3.688	Nov 2016	-		3.688	9.418	44.937	-
Systems Engineering	WR	NSWC Dahlgren : Dahlgren, VA	3.365	0.619	Nov 2014	0.167	Nov 2015	0.171	Nov 2016	-		0.171	0.719	5.041	-
Systems Engineering	SS/CPFF	Johns Hopkins University Applied Physics Lab : Laurel, MD	21.131	6.827	Jan 2015	11.680	Nov 2015	12.032	Nov 2016	-		12.032	43.288	94.958	94.958
Systems Engineering	WR	Naval Research Laboratory : Washington, DC	3.186	0.754	Nov 2014	0.686	Nov 2015	0.694	Nov 2016	-		0.694	2.174	7.494	-
Systems Engineering	Various	Various : Various	8.184	0.570	Nov 2014	0.457	Nov 2015	0.440	Nov 2016	-		0.440	1.850	11.501	-
Systems Engineering	Various	TBD : TBD	0.000	0.800	Mar 2016	3.897	Feb 2016	7.908	Feb 2017	-		7.908	16.871	29.476	-
Prior Year Prod Dev no longer funded in FYDP	Various	Various : Various	261.711	0.000		0.000		0.000		-		0.000	0.000	261.711	-
<b>Subtotal</b>			628.268	219.415		357.290		533.878		-		533.878	1,229.502	2,968.353	-
Support (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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	26.783	3.677	Dec 2014	4.103	Dec 2015	4.185	Dec 2016	-		4.185	8.623	47.371	47.371
<b>Subtotal</b>			26.783	3.677		4.103		4.185		-		4.185	8.623	47.371	47.371

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2017 Navy** **Date:** February 2016

<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>Test and Evaluation (\$ in Millions)</b>				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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	0.000	0.000		22.565	Nov 2015	23.217	Nov 2016	-		23.217	234.506	280.288	-
Development T & E - Wind Tunnel	Various	Various : Various	1.113	1.300	Apr 2015	0.000		6.664	Nov 2016	-		6.664	0.000	9.077	-
Operational T & E	Various	Various : Various	0.000	0.000		0.648	Nov 2015	0.686	Nov 2016	-		0.686	77.161	78.495	-
Development T & E	Various	Boeing : St Louis, MO	0.000	0.000		2.826	Mar 2016	6.616	Feb 2017	-		6.616	65.507	74.949	74.949
Development T & E	Various	Boeing : St Louis MO	0.000	0.000		0.000		2.231	Dec 2016	-		2.231	37.414	39.645	39.645
Prior year T&E no longer funded in the FYDP	Various	Various : Various	0.558	0.000		0.000		0.000		-		0.000	0.000	0.558	-
<b>Subtotal</b>			1.671	1.300		26.039		39.414		-		39.414	414.588	483.012	-

<b>Management Services (\$ in Millions)</b>				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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	0.412	0.186	Oct 2014	0.338	Oct 2015	0.345	Oct 2016	-		0.345	1.445	2.726	-
Prior years Mgmt Svcs no longer funded in the FYDP	WR	Various : Various	0.007	0.000		0.000		0.000		-		0.000	0.000	0.007	-
<b>Subtotal</b>			0.419	0.186		0.338		0.345		-		0.345	1.445	2.733	-

	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>	657.141	224.578	387.770	577.822	-	577.822	1,654.158	3,501.469	-

**Remarks**

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**Exhibit R-4, RDT&E Schedule Profile: PB 2017 Navy** **Date:** February 2016

<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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Next Generation Jammer (Increment 1)	FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021							
	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				
<b>Acquisition Milestones</b>																																
Milestones	DRRDP ▲				MS B ▲												MS C ▲												IOC ▲			
<b>Systems Development</b>																																
Hardware Development	Tech Development																															
Software Development	Engineering & Manufacturing Development																															
	EDM Deliveries (Qty 15)																															
	H Build Integration																															
<b>Test &amp; Evaluation</b>																																
Technical Evaluation	Integrated Testing																															
	TEMP 1 ▼																															
	TEMP 2 ▼																															
Operational Evaluation	EOA																															
	OA 1 ▼																															
	OTRR ▼																															
	IOT&E																															

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2017 Navy		<b>Date:</b> February 2016
<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><i>Next Generation Jammer (Increment 1)</i></b>				
Acquisition Milestones: Milestones: Development RFP Release Decision Point	3	2015	3	2015
Acquisition Milestones: Milestones: Milestone B	2	2016	2	2016
Acquisition Milestones: Milestones: Milestone C	4	2019	4	2019
Acquisition Milestones: Milestones: Initial Operational Capability	4	2021	4	2021
Systems Development: Hardware Development: Technology Development	1	2015	2	2016
Systems Development: Hardware Development: Engineering & Manufacturing Development	2	2016	4	2021
Systems Development: Hardware Development: Engineering Development Model Deliveries	1	2019	2	2020
Systems Development: Software Development: H Build Integration	2	2016	4	2021
Test & Evaluation: Technical Evaluation: NGJ Test & Evaluation Master Plan -1	2	2016	2	2016
Test & Evaluation: Technical Evaluation: Integrated Testing	3	2016	4	2020
Test & Evaluation: Technical Evaluation: NGJ Test & Evaluation Master Plan -2	2	2018	2	2018
Test & Evaluation: Operational Evaluation: Early Operational Assessment	4	2015	1	2016
Test & Evaluation: Operational Evaluation: Operational Assessment 1	3	2019	3	2019
Test & Evaluation: Operational Evaluation: Operational Test Readiness Review	1	2021	1	2021
Test & Evaluation: Operational Evaluation: Initial Operational Test and Evaluation	1	2021	3	2021
<b><i>Next Generation Jammer (Increment 1) (cont)</i></b>				
Engineering Milestones: Reviews: System Functional Review	1	2015	1	2015
Engineering Milestones: Reviews: Software Specification Review	3	2015	3	2015
Engineering Milestones: Reviews: Preliminary Design Review	1	2016	1	2016
Engineering Milestones: Reviews: Integrated Baseline Review 2	4	2016	4	2016

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**Exhibit R-4A, RDT&E Schedule Details: PB 2017 Navy** **Date:** February 2016

<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>
Engineering Milestones: Reviews: Critical Design Review	2	2017	2	2017
Engineering Milestones: Reviews: AERO Test Readiness Review	2	2018	2	2018
Engineering Milestones: Reviews: AERO Flight Readiness Review	3	2018	3	2018
Engineering Milestones: Reviews: MS Test Readiness Review	4	2018	4	2018
Engineering Milestones: Reviews: MS Flight Readiness Review	1	2019	1	2019
Engineering Milestones: Reviews: System Verification Review	3	2019	3	2019
Engineering Milestones: Reviews: Production Readiness Review	2	2019	2	2019
Engineering Milestones: Reviews: Final Production Readiness Review FRP	3	2021	3	2021
Production Milestones: Contract Awards: Engineering & Manufacturing Development Contract Award	2	2016	2	2016
Production Milestones: Contract Awards: System Demonstration Test Article RD TEN Contract Award	2	2019	2	2019
Production Milestones: Contract Awards: Low Rate Initial Production 1 APN-5 Contract Award	4	2019	4	2019
Production Milestones: Contract Awards: Low Rate Initial Production 2 APN-5 Contract Award	2	2020	2	2020
Production Milestones: Contract Awards: Low Rate Initial Production 3 APN-5 Contract Award	2	2021	2	2021
Deliveries: System Demonstration Test Article RD TEN Deliveries	4	2020	1	2021
Deliveries: LRIP 1 Deliveries	2	2021	4	2021
Deliveries: LRIP 2 Deliveries	4	2021	4	2021

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