Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Navy	Date: February 2018
Appropriation/Budget Activity 1319: *Research, Development, Test & Evaluation, Navy I* BA 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 0607700N *I (U)Deployable Joint Command and Control*

COST ($ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
Total Program Element	0.000	2.935	3.137	3.127	-	3.127	3.161	3.229	3.296	3.371	Continuing	Continuing
3050: *Deployable JT Command and Control*	0.000	2.935	3.137	3.127	-	3.127	3.161	3.229	3.296	3.371	Continuing	Continuing

A. Mission Description and Budget Item Justification

Deployable Joint Command and Control (DJC2) provides a self-contained, standardized, rapidly deployable, modular, scalable, and reconfigurable joint command and control (C2) capability to designated Geographic Combatant Commands (GCCs). DJC2 is the materiel solution to Defense Planning Guidance that called for the development of standing Joint Task Forces (JTFs) with a deployable C2 capability. DJC2 will ensure that Joint Force Commanders (JFC) are equipped, as well as trained and organized, to carry out their C2 responsibilities. DJC2 provides GCCs and JFCs a mission critical, integrated family of systems with which to plan, control, coordinate, execute, and assess operations. It is designed to deploy rapidly, set up within hours, and quickly provide necessary C2 mission and collaboration functionality across the full spectrum of JTF operations. The DJC2 has also been deployed in support of Humanitarian Assistance and Disaster Relief (HA/DR) efforts. The capability is intended for all levels of conflict and will be reconfigurable to meet specific GCC and JTF mission requirements. This capability is interoperable with higher and adjacent echelons of command (to include coalition allies) as well as with supporting elements to include joint forces.

B. Program Change Summary ($ in Millions)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Previous President's Budget	2.970	3.137	3.221	-	3.221
Current President's Budget	2.935	3.137	3.127	-	3.127
Total Adjustments	-0.035	0.000	-0.094	-	-0.094
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.035	0.000			
• Program Adjustments	0.000	0.000	-0.018	-	-0.018
• Rate/Misc Adjustments	0.000	0.000	-0.076	-	-0.076

Exhibit R-2A, RDT&E Project Justification: PB 2019 Navy			Date: February 2018
Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0607700N / *(U)Deployable Joint Command and Control*	Project (Number/Name) 3050 / *Deployable JT Command and Control*	

COST ($ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
3050: *Deployable JT Command and Control*	0.000	2.935	3.137	3.127	-	3.127	3.161	3.229	3.296	3.371	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Deployable Joint Command and Control (DJC2) provides a self-contained, standardized, rapidly deployable, modular, scalable, and reconfigurable joint command and control (C2) capability to designated Geographic Combatant Commands (GCCs). DJC2 is the materiel solution to Defense Planning Guidance that called for the development of standing Joint Task Forces (JTFs) with a deployable C2 capability. DJC2 will ensure that Joint Force Commanders (JFC) are equipped, as well as trained and organized, to carry out their C2 responsibilities. DJC2 provides GCCs and JFCs a mission critical, integrated family of systems with which to plan, control, coordinate, execute, and assess operations. It is designed to deploy rapidly, set up within hours, and quickly provide necessary C2 mission and collaboration functionality across the full spectrum of JTF operations. The DJC2 has also been deployed in support of Humanitarian Assistance and Disaster Relief (HA/DR) efforts. The capability is intended for all levels of conflict and will be reconfigurable to meet specific GCC and JTF mission requirements. This capability is interoperable with higher and adjacent echelons of command (to include coalition allies) as well as with supporting elements to include joint forces. Note that DJC2 is not a follow-on or replacement system for the Joint Global Command and Control Systems (GCCS-J); rather, DJC2 employs a GCCS in its suite of applications, ensuring interoperability with the worldwide-installed base of GCCS-J.

FY19 funding supports development of efforts for systems engineering, integration, and DJC2 Test Bed. Focus areas include development efforts of emerging cyber security technologies.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Title: Systems Engineering & Integration	1.242	1.330	1.398	0.000	1.398
Articles:	-	-	-	-	-
FY 2018 Plans: Continue to develop system enhancements in support of Defense Information Systems Agency's Joint Information Environment (JIE) Tactical Processing Node(TPN) and Common Expeditionary and Shore Baseline (CESB) Enhancement as well as continue migration to a common infrastructure and C2ISR application baseline.					
FY 2019 Base Plans: Continue to develop system enhancements in support of Information Assurance, Assured Command & Control, Common Expeditionary and Shore Baseline (CESB) Enhancement / migration to a common infrastructure					

Exhibit R-2A, RDT&E Project Justification: PB 2019 Navy		Date: February 2018
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0607700N / *(U)Deployable Joint Command and Control*	**Project (Number/Name)** 3050 / *Deployable JT Command and Control*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
and C2ISR application baseline. Align common system architecture with Joint Information Environment (JIE) and Tactical Packet Network (TPN) supporting leverage of common capabilities. Initiate enclave consolidation leveraging data tagging and tagged authorization and authentication for enclave access. Enhance satellite communication Unified Net centric System Modernizing Teleport Step Sites and disconnected, intermittent and latent available cloud capabilities. ***FY 2019 OCO Plans:*** N/A ***FY 2018 to FY 2019 Increase/Decrease Statement:*** FY19 increase reflects procurement efficiency and inflation rate adjustments.					
Title: DJC2 RDT&E Test Bed	1.693	1.807	1.729	0.000	1.729
Articles:	-	-	-	-	-
FY 2018 Plans: Test and demonstrate interoperability / Mission Partner Environment (MPE), system virtualization, episodic enclave, and enhanced Information Assurance capabilities. Continue to use DJC2 test bed for software testing and development of new capabilities. ***FY 2019 Base Plans:*** Continue testing in support of enhanced Information Assurance to include Automated Cyber Security testing, automated system vulnerability patching download, and system microsegmentation. Demonstrate Cloud Service Automated Patching/Cloud services and Commercial Solution for Classified Multi-Tenant Environment Replacing Type 1 Encryption. Refine and test Disconnected, Interrupted, and Low-bandwidth (DIL) tolerant access to support automated system patching, as-needed remote system access, automated system download from in-garrison cloud, and re-synch with cloud after deployment. ***FY 2019 OCO Plans:*** N/A ***FY 2018 to FY 2019 Increase/Decrease Statement:*** FY19 decrease reflects economic assumptions - purchase and other inflation rate adjustments.					
Accomplishments/Planned Programs Subtotals	2.935	3.137	3.127	0.000	3.127

Exhibit R-2A, RDT&E Project Justification: PB 2019 Navy		Date: February 2018
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C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
• OPN /2906: *DJC2*	1.414	2.973	2.256	-	2.256	1.986	2.408	2.161	2.204	Continuing	Continuing

Remarks

D. Acquisition Strategy

This RDT&E line supports an evolutionary acquisition strategy. The intent of this strategy is to: develop a system based upon a current understanding of joint requirements; rapidly field systems based upon those requirements; analyze operational utilization of the systems; and roll the results of the analysis into periodic upgrades of the systems to maintain currency and maximize operational effectiveness. The baseline configuration is based upon existing Command, Control, Communications, Computers, & Intelligence (C4I) systems, scaled to the Combatant Command level. The follow-on configurations will include newly developed capabilities based on emergent, joint requirements and operational feedback based upon utilization of earlier delivered systems.

E. Performance Metrics

The Deployable Joint Command and Control (DJC2) program continues to identify, evaluate and test a minimum of 3 - 5 new technologies per year based on emergent / joint requirements for potential insertion into the DJC2 system upgrade plan.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Navy			Date: February 2018
Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0607700N / *(U)Deployable Joint Command and Control*	Project (Number/Name) 3050 / *Deployable JT Command and Control*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2017 Cost	FY 2017 Award Date	FY 2018 Cost	FY 2018 Award Date	FY 2019 Base Cost	FY 2019 Base Award Date	FY 2019 OCO Cost	FY 2019 OCO Award Date	FY 2019 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Engineering	WR	NSWC : PCD	0.000	0.707	Dec 2016	0.727	Dec 2017	0.734	Dec 2018	-		0.734	Continuing	Continuing	Continuing
		Subtotal	0.000	0.707		0.727		0.734		-		0.734	Continuing	Continuing	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2017 Cost	FY 2017 Award Date	FY 2018 Cost	FY 2018 Award Date	FY 2019 Base Cost	FY 2019 Base Award Date	FY 2019 OCO Cost	FY 2019 OCO Award Date	FY 2019 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Software Integration	WR	NSWC : PCD	0.000	0.347	Dec 2016	0.404	Dec 2017	0.404	Dec 2018	-		0.404	Continuing	Continuing	Continuing
		Subtotal	0.000	0.347		0.404		0.404		-		0.404	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2017 Cost	FY 2017 Award Date	FY 2018 Cost	FY 2018 Award Date	FY 2019 Base Cost	FY 2019 Base Award Date	FY 2019 OCO Cost	FY 2019 OCO Award Date	FY 2019 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	WR	NSWC : PCD	0.000	0.813	Dec 2016	0.898	Dec 2017	0.885	Dec 2018	-		0.885	Continuing	Continuing	Continuing
Operational Test & Evaluation	WR	NSWC : PCD	0.000	0.880	Dec 2016	0.920	Dec 2017	0.934	Dec 2018	-		0.934	Continuing	Continuing	Continuing
		Subtotal	0.000	1.693		1.818		1.819		-		1.819	Continuing	Continuing	N/A

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2017 Cost	FY 2017 Award Date	FY 2018 Cost	FY 2018 Award Date	FY 2019 Base Cost	FY 2019 Base Award Date	FY 2019 OCO Cost	FY 2019 OCO Award Date	FY 2019 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	WR	NSWC : PCD	0.000	0.188	Dec 2016	0.188	Dec 2017	0.170	Dec 2018	-		0.170	Continuing	Continuing	Continuing
		Subtotal	0.000	0.188		0.188		0.170		-		0.170	Continuing	Continuing	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Navy			Date: February 2018
Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0607700N / *(U)Deployable Joint Command and Control*	Project (Number/Name) 3050 / *Deployable JT Command and Control*	

	Prior Years	FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	2.935		3.137		3.127		-		3.127	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2019 Navy		Date: February 2018
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0607700N / *(U)Deployable Joint Command and Control*	**Project (Number/Name)** 3050 / *Deployable JT Command and Control*

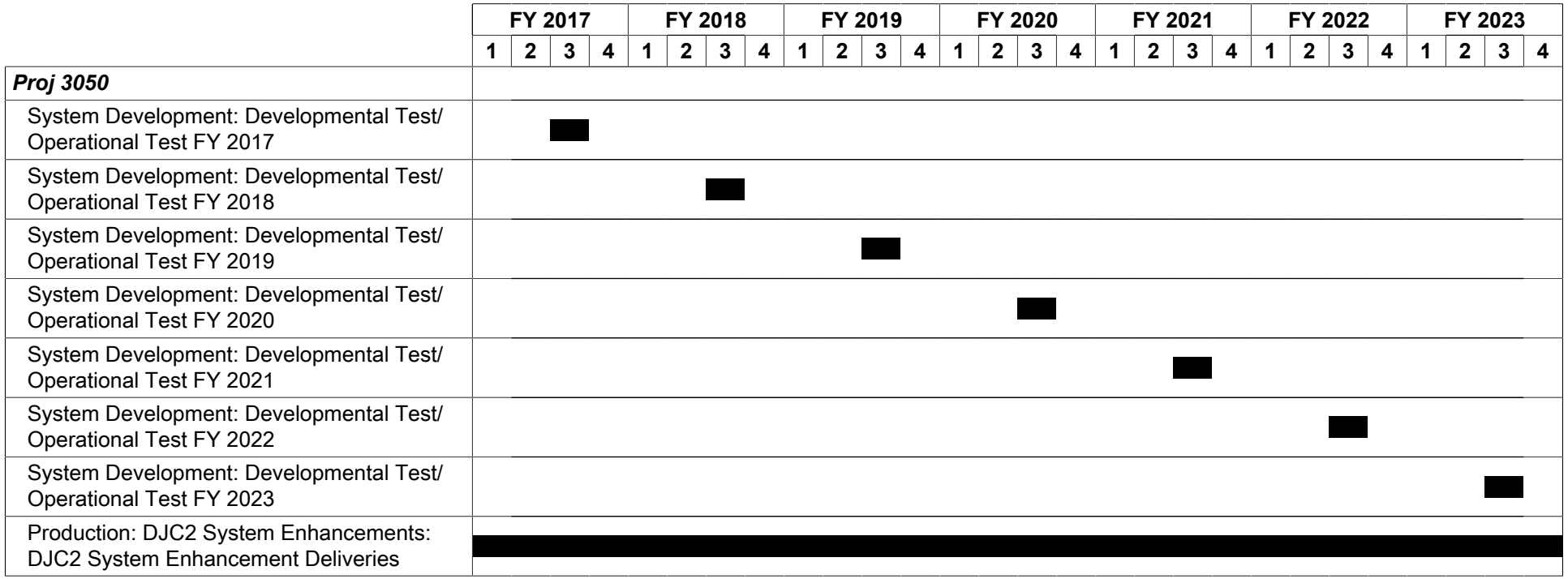

Exhibit R-4A, RDT&E Schedule Details: PB 2019 Navy		Date: February 2018
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0607700N / *(U)Deployable Joint Command and Control*	**Project (Number/Name)** 3050 / *Deployable JT Command and Control*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Proj 3050				
System Development: Developmental Test/Operational Test FY 2017	3	2017	3	2017
System Development: Developmental Test/Operational Test FY 2018	3	2018	3	2018
System Development: Developmental Test/Operational Test FY 2019	3	2019	3	2019
System Development: Developmental Test/Operational Test FY 2020	3	2020	3	2020
System Development: Developmental Test/Operational Test FY 2021	3	2021	3	2021
System Development: Developmental Test/Operational Test FY 2022	3	2022	3	2022
System Development: Developmental Test/Operational Test FY 2023	3	2023	3	2023
Production: DJC2 System Enhancements: DJC2 System Enhancement Deliveries	1	2017	4	2023