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

Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy / BA 4: Advanced Component Development & Prototypes (ACD&P)</i>	R-1 Program Element (Number/Name) PE 0603237N / <i>Deployable JT Cmd & Control</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	227.858	2.991	3.086	0.000	-	0.000	0.000	0.000	0.000	0.000	83.311	317.246
3050: <i>Deployable JT Command and Control</i>	227.858	2.991	3.086	0.000	-	0.000	0.000	0.000	0.000	0.000	83.311	317.246

Note

Funding for FY17 and out has been moved from PE 0603237N to PE 0607700N as part of the PE consolidation effort.

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)

	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017 Base</u>	<u>FY 2017 OCO</u>	<u>FY 2017 Total</u>
Previous President's Budget	2.991	3.086	3.120	-	3.120
Current President's Budget	2.991	3.086	0.000	-	0.000
Total Adjustments	0.000	0.000	-3.120	-	-3.120
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	0.000	0.000	-3.120	-	-3.120

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Exhibit R-2A, RDT&E Project Justification: PB 2017 Navy										Date: February 2016		
Appropriation/Budget Activity 1319 / 4					R-1 Program Element (Number/Name) PE 0603237N / <i>Deployable JT Cmd & Control</i>					Project (Number/Name) 3050 / <i>Deployable JT Command and Control</i>		
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
3050: <i>Deployable JT Command and Control</i>	227.858	2.991	3.086	0.000	-	0.000	0.000	0.000	0.000	0.000	83.311	317.246
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Note

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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); rather, DJC2 employs a GCCS in its suite of applications, ensuring interoperability with the worldwide-installed base of GCCS-J.

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

	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Title: Systems Engineering & Integration	1.164	1.240	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2015 Accomplishments: Undertook development efforts for the infrastructure and communication subsystems as well as information technology enhancements. Additionally, obsolescence and security posture enhancements were addressed.					
FY 2016 Plans: Continue development efforts of emerging cyber security technologies and new deployable capabilities to meet the warfighter needs.					
FY 2017 Base Plans:					

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
N/A					
FY 2017 OCO Plans: N/A					
Title: DJC2 RDT&E Test Bed	1.827	1.846	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2015 Accomplishments: Incorporated fixes to the network system and validated through regression testing to support fielding decisions. Developed, designed and integrated new information technology into the DJC2. Used DJC2 test bed for software testing and development of new capabilities.					
FY 2016 Plans: Continue to develop, design and integrate new information technology into the DJC2 in order to facilitate virtualization. Continue to use DJC2 test bed for software testing and development of new capabilities.					
FY 2017 Base Plans: N/A					
FY 2017 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	2.991	3.086	0.000	0.000	0.000

C. Other Program Funding Summary (\$ in Millions)											
Line Item	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
• OPN /2804: DJC2	1.205	1.314	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	162.717
• OPN /2906: DJC2	0.000	0.000	1.500	-	1.500	2.500	2.201	2.250	2.297	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,

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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.

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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 / 4				PE 0603237N / Deployable JT Cmd & Control				3050 / Deployable JT Command and Control								
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	NSWC : PCD	48.277	0.717	Dec 2014	0.965	Dec 2015	0.000		-		0.000	0.000	49.959	-	
Engineering Facility Development	WR	NSWC : PCD	36.863	0.867	Dec 2014	0.547	Dec 2015	0.000		-		0.000	0.000	38.277	-	
Hardware Development	WR	NSWC : PCD	21.447	0.383	Dec 2014	0.529	Dec 2015	0.000		-		0.000	0.000	22.359	-	
Subtotal			106.587	1.967		2.041		0.000		-		0.000	0.000	110.595	-	
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	
Software Integration	WR	NSWC : PCD	41.495	0.546	Dec 2014	0.557	Dec 2015	0.000		-		0.000	0.000	42.598	-	
Technical Investigations	MIPR	MISC : VA	13.426	0.000		0.000		0.000		-		0.000	0.000	13.426	-	
Trade-off Studies & Analyses	MIPR	MISC : VA	9.000	0.000		0.000		0.000		-		0.000	0.000	9.000	-	
Subtotal			63.921	0.546		0.557		0.000		-		0.000	0.000	65.024	-	
Test and Evaluation (\$ 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	
Developmental Test & Evaluation	WR	NSWC : PCD	10.544	0.150	Dec 2014	0.153	Dec 2015	0.000		-		0.000	0.000	10.847	-	
Operational Test & Evaluation	WR	NSWC : PCD	11.807	0.144	Dec 2014	0.147	Dec 2015	0.000		-		0.000	0.000	12.098	-	
Test Assets	MIPR	MISC : MISC	4.000	0.000		0.000		0.000		-		0.000	0.000	4.000	-	
Subtotal			26.351	0.294		0.300		0.000		-		0.000	0.000	26.945	-	

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Management Services (\$ in Millions)				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			
Program Management Support	WR	NSWC : PCD	30.970	0.184	Dec 2014	0.188	Dec 2015	0.000		-		0.000	0.000	31.342	-
Acquisition Work Force	WR	NSWC : PCD	0.029	0.000		0.000		0.000		-		0.000	0.000	0.029	-
Subtotal			30.999	0.184		0.188		0.000		-		0.000	0.000	31.371	-
Project Cost Totals			227.858	2.991		3.086		0.000		-		0.000	0.000	233.935	-

Remarks
Funding for FY17 and out has been moved from PE 0603237N to PE 0607700N as part of the BLI consolidation effort.

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

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 3050				
System Development: Developmental Test/Operational Test: Developmental Test/Operational Test FY 2015	3	2015	3	2015
System Development: Developmental Test/Operational Test: Developmental Test/Operational Test FY 2016	3	2016	3	2016
Production: DJC2 System Enhancements: DJC2 System Enhancement Deliveries	1	2015	4	2016