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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Navy										Date: February 2015		
Appropriation/Budget Activity 1319: Research, Development, Test & Evaluation, Navy / BA 4: Advanced Component Development & Prototypes (ACD&P)					R-1 Program Element (Number/Name) PE 0603237N / Deployable JT Cmd & Control							
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
Total Program Element	224.663	3.195	2.991	3.086	-	3.086	3.120	3.188	3.270	3.335	86.713	333.561
3050: Deployable JT Command and Control	224.663	3.195	2.991	3.086	-	3.086	3.120	3.188	3.270	3.335	86.713	333.561

**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>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
Previous President's Budget	3.262	2.991	3.101	-	3.101
Current President's Budget	3.195	2.991	3.086	-	3.086
Total Adjustments	-0.067	-	-0.015	-	-0.015
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.067	-			
• Rate/Misc Adjustments	-	-	-0.015	-	-0.015

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy										Date: February 2015		
Appropriation/Budget Activity 1319 / 4					R-1 Program Element (Number/Name) PE 0603237N / Deployable JT Cmd & Control				Project (Number/Name) 3050 / Deployable JT Command and Control			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
3050: Deployable JT Command and Control	224.663	3.195	2.991	3.086	-	3.086	3.120	3.188	3.270	3.335	86.713	333.561
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); rather, DJC2 employs a GCCS in its suite of applications, ensuring interoperability with the worldwide-installed base of GCCS-J.

FY16 funds 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)

	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
<b>Title:</b> Systems Engineering & Integration	1.258	1.164	1.240	-	1.240
<b>Articles:</b>	-	-	-	-	-
<b>FY 2014 Accomplishments:</b> Provided system enhancements to C2, developed solutions to extend Unified Communication Requirements to DJC2, and developed an Internet Protocol (IP) Satellite Communication (SATCOM) failover capability. Validated solutions through regression testing and participated in operational exercise as a risk reduction effort. Obtained prototype equipment and conducted trade studies per the system engineering guidelines. Conducted engineering design reviews and prepared Engineering Change Proposals and Integrated Logistic Support (ILS) products as required.					
<b>FY 2015 Plans:</b>					

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)							FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Continue to undertake development efforts for the infrastructure and communication subsystems as well as information technology enhancements. Additionally, obsolescence and security posture enhancements will be addressed.  <b>FY 2016 Base Plans:</b> Continue development efforts of emerging cyber security technologies and new deployable capabilities to meet the warfighter needs.  <b>FY 2016 OCO Plans:</b> N/A											
<b>Title:</b> DJC2 RDT&E Test Bed  <b>Articles:</b>							1.937 -	1.827 -	1.846 -	- -	1.846 -
<b>FY 2014 Accomplishments:</b> Developed and tested software improvements to increase performance and security posture of system. Validated through regression testing to support fielding decision. Developed, designed and integrated new information technology into DJC2. Evaluated options for a mobile Collaborative Information Environment (CIE) architecture to allow the use of tablets or other mobile devices within the DJC2 system.  <b>FY 2015 Plans:</b> Continue to incorporate fixes to the network system and validate through regression testing to support fielding decisions. Develop, design and integrate new information technology into the DJC2. Use DJC2 test bed for software testing and development of new capabilities.  <b>FY 2016 Base Plans:</b> 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.  <b>FY 2016 OCO Plans:</b> N/A											
Accomplishments/Planned Programs Subtotals							3.195	2.991	3.086	-	3.086
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
• OPN /2804: DJC2	3.249	1.205	2.254	-	2.254	1.083	2.257	2.326	2.375	141.571	313.269

# UNCLASSIFIED

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Appropriation/Budget Activity 1319 / 4				R-1 Program Element (Number/Name) PE 0603237N / Deployable JT Cmd & Control				Project (Number/Name) 3050 / Deployable JT Command and Control			
C. Other Program Funding Summary (\$ in Millions)											
			<u>FY 2016</u>	<u>FY 2016</u>	<u>FY 2016</u>					<u>Cost To</u>	
<u>Line Item</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>Base</u>	<u>OCO</u>	<u>Total</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Complete</u>	<u>Total Cost</u>
<u>Remarks</u>											
<b>D. Acquisition Strategy</b> 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.											
<b>E. Performance Metrics</b> 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.											

**UNCLASSIFIED**

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Navy												Date: February 2015			
Appropriation/Budget Activity 1319 / 4						R-1 Program Element (Number/Name) PE 0603237N / Deployable JT Cmd & Control				Project (Number/Name) 3050 / Deployable JT Command and Control					
Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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	47.499	0.778	Dec 2013	0.717	Dec 2014	0.965	Dec 2015	-		0.965	21.060	71.019	-
Engineering Facility Development	WR	NSWC : PCD	35.933	0.930	Dec 2013	0.867	Dec 2014	0.547	Dec 2015	-		0.547	31.135	69.412	-
Hardware Development	WR	NSWC : PCD	20.994	0.453	Dec 2013	0.383	Dec 2014	0.529	Dec 2015	-		0.529	7.270	29.629	-
Subtotal			104.426	2.161		1.967		2.041		-		2.041	59.465	170.060	-
Support (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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	40.948	0.547	Dec 2013	0.546	Dec 2014	0.557	Dec 2015	-		0.557	4.783	47.381	-
Technical Investigations	MIPR	MISC : VA	13.426	-		-		-		-		-	-	13.426	-
Trade-off Studies & Analyses	MIPR	MISC : VA	9.000	-		-		-		-		-	-	9.000	-
Subtotal			63.374	0.547		0.546		0.557		-		0.557	4.783	69.807	-
Test and Evaluation (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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	10.405	0.139	Dec 2013	0.150	Dec 2014	0.153	Dec 2015	-		0.153	6.170	17.017	-
Operational Test & Evaluation	WR	NSWC : PCD	11.656	0.151	Dec 2013	0.144	Dec 2014	0.147	Dec 2015	-		0.147	7.365	19.463	-
Test Assets	MIPR	MISC : MISC	4.000	-		-		-		-		-	-	4.000	-
Subtotal			26.061	0.290		0.294		0.300		-		0.300	13.535	40.480	-

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis: PB 2016 Navy</b>												<b>Date:</b> February 2015			
<b>Appropriation/Budget Activity</b> 1319 / 4						<b>R-1 Program Element (Number/Name)</b> PE 0603237N / Deployable JT Cmd & Control						<b>Project (Number/Name)</b> 3050 / Deployable JT Command and Control			

  

<b>Management Services (\$ in Millions)</b>				<b>FY 2014</b>		<b>FY 2015</b>		<b>FY 2016 Base</b>		<b>FY 2016 OCO</b>		<b>FY 2016 Total</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>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Program Management Support	WR	NSWC : PCD	30.773	0.197	Dec 2013	0.184	Dec 2014	0.188	Dec 2015	-		0.188	12.291	43.633	-
Acquisition Work Force	WR	NSWC : PCD	0.029	-		-		-		-		-	-	0.029	-
<b>Subtotal</b>			30.802	0.197		0.184		0.188		-		0.188	12.291	43.662	-

  

	<b>Prior Years</b>	<b>FY 2014</b>		<b>FY 2015</b>		<b>FY 2016 Base</b>		<b>FY 2016 OCO</b>		<b>FY 2016 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>	224.663	3.195		2.991		3.086		-		3.086	90.074	324.009	-

  

**Remarks**

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Exhibit R-4, RDT&amp;E Schedule Profile: PB 2016 Navy

Date: February 2015

## Appropriation/Budget Activity

1319 / 4

## R-1 Program Element (Number/Name)

PE 0603237N / Deployable JT Cmd &amp; Control

## Project (Number/Name)

3050 / Deployable JT Command and Control

FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4

**Proj 3050**System Development: Developmental Test/  
Operational Test: Developmental Test/  
Operational Test FY 2014System Development: Developmental Test/  
Operational Test: Developmental Test/  
Operational Test FY 2015System Development: Developmental Test/  
Operational Test: Developmental Test/  
Operational Test FY 2016System Development: Developmental Test/  
Operational Test: Developmental Test/  
Operational Test FY 2017System Development: Developmental Test/  
Operational Test: Developmental Test/  
Operational Test FY 2018System Development: Developmental Test/  
Operational Test: Developmental Test/  
Operational Test FY 2019System Development: Developmental Test/  
Operational Test: Developmental Test/  
Operational Test FY 2020Production: DJC2 System Enhancements:  
DJC2 System Enhancement Deliveries

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2016 Navy			<b>Date:</b> February 2015
<b>Appropriation/Budget Activity</b> 1319 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603237N / <i>Deployable JT Cmd &amp; Control</i>	<b>Project (Number/Name)</b> 3050 / <i>Deployable JT Command and Control</i>	

**Schedule Details**

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>Proj 3050</b>				
System Development: Developmental Test/Operational Test: Developmental Test/Operational Test FY 2014	3	2014	3	2014
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
System Development: Developmental Test/Operational Test: Developmental Test/Operational Test FY 2017	3	2017	3	2017
System Development: Developmental Test/Operational Test: Developmental Test/Operational Test FY 2018	3	2018	3	2018
System Development: Developmental Test/Operational Test: Developmental Test/Operational Test FY 2019	3	2019	3	2019
System Development: Developmental Test/Operational Test: Developmental Test/Operational Test FY 2020	3	2020	3	2020
Production: DJC2 System Enhancements: DJC2 System Enhancement Deliveries	1	2014	4	2020