Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Navy										DATE: February 2012	
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 4: *Advanced Component Development & Prototypes (ACD&P)*				R-1 ITEM NOMENCLATURE PE 0603237N: *Deployable JT Cmd & Control*							
COST ($ in Millions)	**FY 2011**	**FY 2012**	**FY 2013 Base**	**FY 2013 OCO**	**FY 2013 Total**	**FY 2014**	**FY 2015**	**FY 2016**	**FY 2017**	**Cost To Complete**	**Total Cost**
Total Program Element	3.997	3.702	3.773	-	3.773	3.327	3.424	3.539	3.609	93.748	119.119
3050: *Deployable JT Command and Control*	3.997	3.702	3.773	-	3.773	3.327	3.424	3.539	3.609	93.748	119.119

A. Mission Description and Budget Item Justification

Deployable Joint Command and Control (DJC2) is a Secretary of Defense (SECDEF) and Chairman, Joint Chiefs of Staff (CJCS) priority Department of Defense transformation initiative that is providing a standardized, integrated, rapidly deployable, modular, scaleable, and reconfigurable joint command and control (C2) capability to designated Geographic Combatant Commands (GCCs). DJC2 is the material 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. GCC and JTF commanders will use a deployable joint command and control capability for day-to-day operations, as well as when deployed for training or contingency operations to include 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 must be 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 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Previous President's Budget	4.275	3.702	3.818	-	3.818
Current President's Budget	3.997	3.702	3.773	-	3.773
Total Adjustments	-0.278	-	-0.045	-	-0.045
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.125	-			
• SBIR/STTR Transfer	-0.131	-			
• Rate/Misc Adjustments	-	-	-0.045	-	-0.045
• Congressional General Reductions Adjustments	-0.022	-	-	-	-

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	R-1 ITEM NOMENCLATURE PE 0603237N: *Deployable JT Cmd & Control*	PROJECT 3050: *Deployable JT Command and Control*	

COST ($ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
3050: *Deployable JT Command and Control*	3.997	3.702	3.773	-	3.773	3.327	3.424	3.539	3.609	93.748	119.119
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification

Deployable Joint Command and Control (DJC2) is a Secretary of Defense (SECDEF) and Chairman, Joint Chiefs of Staff (CJCS) priority Department of Defense transformation initiative that is providing a standardized, integrated, rapidly deployable, modular, scaleable, and reconfigurable joint command and control (C2) capability to designated Geographic Combatant Commands (GCCs). DJC2 is the material 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. GCC and JTF commanders will use a deployable joint command and control capability for day-to-day operations, as well as when deployed for training or contingency operations to include 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 must be 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 will utilize GCCS in its core suite of applications, ensuring interoperability with the worldwide-installed base of GCCS-J.

FY13 funds development of efforts for systems engineering and integration, and DJC2 Test Bed. This includes addressing obsolescence and security posture enhancements as required.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: Systems Engineering & Integration	1.823	1.477	1.508
Articles:	0	0	0
FY 2011 Accomplishments: Identified and incorporated emergent/mandated Key Information Profiles (KIP) required by the DJC2 Net-Ready Key Performance Parameter (KPP) into the system design. Updated Information Support Plan to reflect system architecture changes and obtained CJCS J6/J2 approval. With validated architecture, obtained renewal of the DJC2 Core System Authority to Operate (ATO) and performed required testing and information assurance mitigation to support ATO approval. Investigated potential hybrid power solutions for diesel generator replacement.			
FY 2012 Plans:			

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	R-1 ITEM NOMENCLATURE PE 0603237N: *Deployable JT Cmd & Control*	PROJECT 3050: *Deployable JT Command and Control*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Continue to identify and incorporate emerging/mandated Key Information Profiles required by the DJC2 Net Ready KPP into system design. Obtain prototype equipment and conduct trades studies per the system engineering guidelines. Conduct Critical Design Reviews for upgrade plan upon design approval, prepare the mandatory Engineering Change Proposals, and identify testing, training, and sparing requirements. Construct, integrate and test an alternative power scheme. ***FY 2013 Plans:*** Provide system enhancements to the communications system and validate through regression testing to support fielding decisions. Develop, test and evaluate a new Rapid Response Kit upgrade to include possible baseband solutions and various Super High Frequency (SHF) options.			
Title: DJC2 RDT&E Test Bed	2.174	2.225	2.265
Articles:	0	0	0
FY 2011 Accomplishments: Completed testing of revised Deployable Joint Command and Control (DJC2) Network System Design. Incorporated fixes to the network system and validated through regression testing to support fielding decisions. Finalized and tested the DJC2 Virtual Machine and Portal Synchronization tool to include server procurement, network support and testing thereby providing the ability to push updated virtual machines and command and control portals to any given DJC2 from either garrison location or the DJC2 Operational Support Center, significantly improving mission tailorability. Conducted trade studies to identify the next generation client for DJC2. ***FY 2012 Plans:*** Continue to incorporate fixes to the network system and validate through regression testing to support fielding decisions. Continue to conduct trade studies to identify the next generation client for DJC2. Identify and incorporate changes to the DJC2 test bed based on lessons learned from fielded systems and operational world events. ***FY 2013 Plans:*** 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.			
Accomplishments/Planned Programs Subtotals	3.997	3.702	3.773

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
• OPN /2804: *DJC2*	23.196	8.994	9.064	0.000	9.064	3.325	3.346	3.244	3.332	147.425	335.619

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy		DATE: February 2012
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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 2013 Navy			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	R-1 ITEM NOMENCLATURE PE 0603237N: *Deployable JT Cmd & Control*	PROJECT 3050: *Deployable JT Command and Control*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2012 Cost	FY 2012 Award Date	FY 2013 Base Cost	FY 2013 Base Award Date	FY 2013 OCO Cost	FY 2013 OCO Award Date	FY 2013 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Engineering	WR	NSWC:PCD	45.811	0.869	Nov 2011	0.885	Nov 2012	-		0.885	21.919	69.484	
Engineering Facility Development	WR	NSWC:PCD	34.024	1.224	Dec 2011	1.194	Dec 2012	-		1.194	32.405	68.847	
Hardware Development	WR	NSWC:PCD	20.012	0.505	Dec 2011	0.516	Dec 2012	-		0.516	7.566	28.599	
		Subtotal	99.847	2.598		2.595		-		2.595	61.890	166.930	

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2012 Cost	FY 2012 Award Date	FY 2013 Base Cost	FY 2013 Base Award Date	FY 2013 OCO Cost	FY 2013 OCO Award Date	FY 2013 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Software Integration	WR	NSWC:PCD	39.764	0.608	Nov 2011	0.623	Nov 2012	-		0.623	4.978	45.973	
Technical Investigations	MIPR	MISC:VA	13.426	-		-		-		-	0.000	13.426	
Trade-off Studies & Analyses	MIPR	MISC:VA	9.000	-		-		-		-	0.000	9.000	
		Subtotal	62.190	0.608		0.623		-		0.623	4.978	68.399	

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2012 Cost	FY 2012 Award Date	FY 2013 Base Cost	FY 2013 Base Award Date	FY 2013 OCO Cost	FY 2013 OCO Award Date	FY 2013 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	WR	NSWC:PCD	10.115	0.142	Dec 2011	0.159	Dec 2012	-		0.159	6.421	16.837	
Operational Test & Evaluation	WR	NSWC:PCD	11.341	0.154	Dec 2011	0.173	Dec 2012	-		0.173	7.666	19.334	
Test Assets	MIPR	MISC:MISC	4.000	-		-		-		-	0.000	4.000	
		Subtotal	25.456	0.296		0.332		-		0.332	14.087	40.171	

Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Navy		DATE: February 2012
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Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2012 Cost	FY 2012 Award Date	FY 2013 Base Cost	FY 2013 Base Award Date	FY 2013 OCO Cost	FY 2013 OCO Award Date	FY 2013 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	WR	NSWC:PCD	30.365	0.200	Nov 2011	0.223	Nov 2012	-		0.223	12.793	43.581	
Acquisition Work Force	WR	NSWC:PCD	0.029	-		-		-		-	0.000	0.029	
		Subtotal	30.394	0.200		0.223		-		0.223	12.793	43.610	

	Total Prior Years Cost	FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	217.887	3.702		3.773		-		3.773	93.748	319.110	

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2013 Navy		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	**R-1 ITEM NOMENCLATURE** PE 0603237N: *Deployable JT Cmd & Control*	**PROJECT** 3050: *Deployable JT Command and Control*

Exhibit R-4A, RDT&E Schedule Details: PB 2013 Navy		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	**R-1 ITEM NOMENCLATURE** PE 0603237N: *Deployable JT Cmd & Control*	**PROJECT** 3050: *Deployable JT Command and Control*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Proj 3050				
DEVELOPMENTAL TEST/OPERATIONAL TEST	3	2011	3	2011
DEVELOPMENTAL TEST/OPERATIONAL TESTa	3	2012	3	2012
DEVELOPMENTAL TEST/OPERATIONAL TESTb	3	2013	3	2013
DEVELOPMENTAL TEST/OPERATIONAL TESTc	3	2014	3	2014
DEVELOPMENTAL TEST/OPERATIONAL TESTd	3	2015	3	2015
DEVELOPMENTAL TEST/OPERATIONAL TESTe	3	2016	3	2016
DEVLOPMENTAL TEST/OPERATIONAL TESTf	3	2017	3	2017
FIELDING AND SUSTAINMENT OF SYSTEM ENHANCEMENTS	1	2011	4	2017