Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy										DATE: February 2010	
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 2009 Actual**	**FY 2010 Estimate**	**FY 2011 Base Estimate**	**FY 2011 OCO Estimate**	**FY 2011 Total Estimate**	**FY 2012 Estimate**	**FY 2013 Estimate**	**FY 2014 Estimate**	**FY 2015 Estimate**	**Cost To Complete**	**Total Cost**
Total Program Element	6.876	9.034	4.275	0.000	4.275	6.678	6.477	6.091	6.211	Continuing	Continuing
3050: *Deployable JT Command and Control*	5.679	6.007	4.275	0.000	4.275	6.678	6.477	6.091	6.211	Continuing	Continuing
9999: *Congressional Adds*	1.197	3.027	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.224

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 DoD transformation initiative that is providing a standardized, integrated, rapidly deployable, modular, scaleable, and reconfigurable joint command and control capability to designated Geographic Combatant Commands (GCCs). DJC2 is the material solution to Defense Planning Guidance (DPG) that called for the development of Standing Joint Task Forces (JTFs) with a deployable C2 capability. DJC2 will ensure that Joint Force Commanders (JFCs) are equipped, as well as trained and organized, to carry out their C2 responsibilities. DJC2 provides GCCs and Joint Force Commanders 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 program addresses both the Quadrennial Defense Review finding that a joint command and control architecture needs to be developed for standing JTFs at each of the GCCs and the need for a deployable Joint Command and Control System described in the Transformation Study Report presented to the Secretary of Defense, April, 2001. It integrates the requirements for and lessons learned from U.S. Central Command's deployable headquarters funded from the FY 2001 Emergency Supplemental Act for Recovery from and Response to Terrorist Attacks on the United States. DJC2 is supported by SecDef and CJCS. The JCS/Joint Requirement Oversight Council has approved the DJC2 Mission Needs Statement and Operational Requirements Document.

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy	DATE: February 2010
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*

B. Program Change Summary ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	7.073	6.032	0.000	0.000	0.000
Current President's Budget	6.876	9.034	4.275	0.000	4.275
Total Adjustments	-0.197	3.002	4.275	0.000	4.275
• Congressional General Reductions		-0.038			
• Congressional Directed Reductions		0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds		3.040			
• Congressional Directed Transfers		0.000			
• Reprogrammings	-0.163	0.000			
• SBIR/STTR Transfer	-0.034	0.000			
• Program Adjustments	0.000	0.000	4.275	0.000	4.275

Congressional Add Details ($ in Millions, and Includes General Reductions)	FY 2009	FY 2010
Project: 9999: *Congressional Adds*		
Congressional Add: *9D17A Deployable Command and Control Vehicle*	1.197	3.027
Congressional Add Subtotals for Project: 9999	1.197	3.027
Congressional Add Totals for all Projects	1.197	3.027

Change Summary Explanation

Technical: Not applicable.

Schedule: Not applicable.

FY11 from previous President's Budget is shown as zero because no FY11-15 data was presented in President's Budget 2010.

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy			DATE: February 2010
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 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
3050: *Deployable JT Command and Control*	5.679	6.007	4.275	0.000	4.275	6.678	6.477	6.091	6.211	Continuing	Continuing
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 DoD transformation initiative that is providing a standardized, integrated, rapidly deployable, modular, scaleable, and reconfigurable joint command and control capability to designated Geographic Combatant Commands (GCCs). DJC2 is the material solution to Defense Planning Guidance (DPG) that called for the development of Standing Joint Task Forces (JTFs) with a deployable C2 capability. DJC2 will ensure that Joint Force Commanders (JFCs) are equipped, as well as trained and organized, to carry out their C2 responsibilities. DJC2 provides GCCs and Joint Force Commanders 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 program addresses both the Quadrennial Defense Review finding that a joint command and control architecture needs to be developed for standing JTFs at each of the GCCs and the need for a deployable Joint Command and Control System described in the Transformation Study Report presented to the Secretary of Defense, April, 2001. It integrates the requirements for and lessons learned from U.S. Central Command's deployable headquarters funded from the FY 2001 Emergency Supplemental Act for Recovery from and Response to Terrorist Attacks on the United States. DJC2 is supported by SecDef and CJCS. The JCS/Joint Requirement Oversight Council has approved the DJC2 Mission Needs Statement and Operational Requirements Document.

DJC2 seeks to provide standing, and standardized, joint C2 systems that can be deployed by Regional Combatant Commanders (RCCs) or JTFs and the new Standing Joint Force Headquarters concept and doctrine being developed by Joint Forces Command in coordination with other RCCs and the Joint Staff, as tasked by DPG. RCC 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. The capability is intended for all levels of conflict and will be reconfigurable to meet specific RCC 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.

DJC2 will utilize Global Command and Control System in its core suite of applications, ensuring interoperability with the worldwide-installed base of Global Command and Control System - Joint.

The 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

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy		DATE: February 2010
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*

upgrades of the systems to maintain currency and maximize operational effectiveness. Maximum use will be made of commercial technologies; technology insertion of each DJC2 suite will be made approximately every three years. The baseline configuration is based upon existing Science and Technology initiatives, Advanced Concepts Technology Demonstration Programs, programs of record, and fielded capabilities of the services and defense agencies, scaled to the Regional Combatant Commander level. Subsequent deliveries will include newly developed capabilities based on emergent, joint requirements and operational feedback from utilization of earlier delivered systems, as well as incorporation of new commercial technologies.

FY11 funds development of increased efforts for systems engineering and integration, and DJC2 Test Bed.

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Systems Engineering & Integration	1.621	1.991	1.823	0.000	1.823
FY 2009 Accomplishments: Completed Critical Design Reviews for upgrade plan. Continued system engineering analysis and Integration activities. Completed Operational test, technology insertion/technology refresh design modifications.					
FY 2010 Plans: Identify emerging/mandated Key Information Profiles (KIP) migration and impacts to DJC2. Single out improvement in infrastructure equipment to include power generation, soft shelter design and video distribution for design modification. Evaluate Ka Band Super High Frequency radio upgrades to both Early Entry communication package and Rapid Response Kits. Conduct design reviews to reflect outcome of the trade studies/experimentation.					
FY 2011 Base Plans: Continue to identify and incorporate emerging/mandated KIP required by the DJC2 Net-Ready Key Performance Parameter into system design. Update Information Support Plan to reflect system architecture changes and obtain CJCS J6/J2 approval. With validated architecture, obtain renewal of the DJC2 Core System Authority to Operate (ATO) and perform required testing and information assurance mitigation to support ATO approval. Investigate potential hybrid power solutions for diesel generator replacement.					

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy		DATE: February 2010
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 Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
DJC2 RDT&E Test Bed	2.999	3.421	2.452	0.000	2.452
FY 2009 Accomplishments: Identified and incorporated changes in the DJC2 test bed based upon lessons learned from fielded systems and operational testing *FY 2010 Plans:* Update the DJC2 Test Bed to facilitate testing of new hardware necessary to support trade studies and design reviews for infrastructure and communications refresh. Apply lessons learned from fielded and like systems to assist in driving the revitalized design. *FY 2011 Base Plans:* Complete final testing of revised DJC2 Network System Design. Incorporate fixes to the Network System and validate through regression testing to support fielding decisions by the Program Office. Finalize and test 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. Conduct trade studies to identify the next generation client for DJC2.					
Acquisition Documentation Activities	0.624	0.000	0.000	0.000	0.000
FY 2009 Accomplishments: Analyzed, prepared, and performed In-Process Review, and Milestone acquisition activities.					
CONOPS Experimentation System	0.406	0.595	0.000	0.000	0.000
FY 2009 Accomplishments: Provided component upgrade for Concept of Operations (CONOPS) System at Joint Forces Command (JFCOM).					

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy		DATE: February 2010
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 Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2010 Plans: Continue component upgrades for CONOPS System at JFCOM.					
Acquisition Workforce *FY 2009 Accomplishments:* Funded Acquisition Worforce fund	0.029	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals	5.679	6.007	4.275	0.000	4.275

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• OPN /2804: *DJC2*	9.004	11.085	8.542	0.000	8.542	9.638	9.933	5.105	5.283	Continuing	Continuing

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 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 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 2011 Navy		DATE: February 2010
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)

				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Engineering	WR	NSWC Var	43.093	1.489	Nov 2009	1.510	Nov 2010	0.000		1.510	Continuing	Continuing	Continuing
Engineering Facility Development	WR	NSWC PCD	30.189	2.214	Feb 2010	1.746	Feb 2011	0.000		1.746	Continuing	Continuing	Continuing
Hardware Development	MIPR	USA Var	19.417	0.595	Feb 2010	0.000		0.000		0.000	0.000	20.012	Continuing
		Subtotal	92.699	4.298		3.256		0.000		3.256			

Remarks

Support ($ in Millions)

				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Software Integration	WR	NSWC Var	38.949	0.502	Feb 2010	0.313	Nov 2010	0.000		0.313	Continuing	Continuing	Continuing
Technical Investigations	MIPR	NTA Var	13.426	0.000		0.000		0.000		0.000	0.000	13.426	Continuing
Trade-off Studies & Analyses	MIPR	NTA Var	9.000	0.000		0.000		0.000		0.000	0.000	9.000	Continuing
		Subtotal	61.375	0.502		0.313		0.000		0.313			

Remarks

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy		DATE: February 2010
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*

Test and Evaluation ($ in Millions)

				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	MIPR	46th Test Wing Var	9.360	0.565	Feb 2010	0.321	Feb 2011	0.000		0.321	Continuing	Continuing	Continuing
Operational Test & Evaluation	WR	OPTEVFOR Var	10.314	0.642	Feb 2010	0.385	Feb 2011	0.000		0.385	Continuing	Continuing	Continuing
Test Assets	MIPR	Eglin AFB Var	4.000	0.000		0.000		0.000		0.000	0.000	4.000	Continuing
		Subtotal	23.674	1.207		0.706		0.000		0.706			

Remarks

Management Services ($ in Millions)

				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	WR	NSWC, CSS Var	30.365	0.000		0.000		0.000		0.000	0.000	30.365	Continuing
Acquisition Work Force	C/TBD	Not Specified Not Specified	0.029	0.000		0.000		0.000		0.000	0.000	0.029	Continuing
		Subtotal	30.394	0.000		0.000		0.000		0.000	0.000	30.394	

Remarks

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy			DATE: February 2010
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*	

	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	208.142	6.007		4.275		0.000		4.275			

Remarks

Exhibit R-4, **RDT&E Schedule Profile:** PB 2011 Navy		**DATE:** February 2010
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*

Fiscal Year	2009				2010				2011				2012				2013				2014				2015			
	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
Acquisition Milestones																												
MILESTONE C																												
IOC																												
FDDR																												
Test & Evaluation Milestones																												
Development Test		▲ D / OT					△ D / OT				△ D / OT				△ D / OT				△ D / OT				△ D / OT				△ D / OT	
Operational Test																												
Production Milestones																												
Deliveries																												

Exhibit R-4A, RDT&E Schedule Details: PB 2011 Navy		DATE: February 2010
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	
Event	**Quarter**	**Year**	**Quarter**	**Year**
DEVELOPMENTAL TESTa	2	2009	2	2009
DEVELOPMENTAL TESTb	3	2010	3	2010
DEVELOPMENTAL TESTc	3	2011	3	2011
DEVELOPMENTAL TESTd	3	2012	3	2012
DEVELOPMENTAL TESTe	3	2013	3	2013
DEVELOPMENTAL TESTf	3	2014	3	2014
DEVELOPMENTAL TESTg	3	2015	3	2015
OPERATIONAL TESTa	2	2009	2	2009
OPERATIONAL TESTb	3	2010	3	2010
OPERATIONAL TESTc	3	2011	3	2011
OPERATIONAL TESTd	3	2012	3	2012
OPERATIONAL TESTe	3	2013	3	2013
OPERATIONAL TESTf	3	2014	3	2014
OPERATIONAL TESTg	3	2015	3	2015

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy			DATE: February 2010
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 9999: *Congressional Adds*	

COST ($ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
9999: *Congressional Adds*	1.197	3.027	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.224
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification

Congressional add

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010
Congressional Add: 9D17A Deployable Command and Control Vehicle *FY 2009 Accomplishments:* Performed systems engineering & integration and testing activities for U.S. Northern Command Deployable Command and Control Vehicle variant. *FY 2010 Plans:* Continue systems engineering & integration and testing activities for U.S. Northern Command Deployable Command and Control Vehicle variant.	1.197	3.027
Congressional Adds Subtotals	1.197	3.027

C. Other Program Funding Summary ($ in Millions)

N/A

D. Acquisition Strategy

N/A

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy		DATE: February 2010
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 9999: *Congressional Adds*

E. Performance Metrics

Congressional add