

**CLASSIFICATION:**

EXHIBIT R-2, RDT&E Budget Item Justification					DATE: <b>February 2007</b>			
APPROPRIATION/BUDGET ACTIVITY <b>RESEARCH DEVELOPMENT TEST &amp; EVALUATION, NAVY /</b>					R-1 ITEM NOMENCLATURE 0604787N - Joint Warfare Transformation Programs			
	<b>BA-4</b>							
COST (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Total PE Cost	<b>22.406</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
3021 - Joint Warfare Transformation Program	<b>22.406</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
Quantity of RDT&E Articles								
<p><b>In accordance with the FY 2005 National Defense Authorization Act, RDT&amp;E funding for Joint Forces Command transfers from Navy to Defense-Wide beginning in FY 2007. The program is changed from 0604787N, BA 4 to 0604787D BA 4.</b></p> <p><b>(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:</b>                      The Joint Systems Integration Command (JSIC) is the U.S. Joint Forces Command (USJFCOM) and Chairman, Joint Chiefs of Staff (CJCS) capability for warfighter exploration, prototyping, and evaluation of C2 and C4ISR capabilities. The Command provides the Combatant Commands, at the Joint Force Headquarters level, with a laboratory and assessment environment for the warfighter and technologist. This provides near-term joint operational capabilities and, within a Joint Command and Control (JC2) environment with the Interoperability Technology Demonstration Center (ITDC), demonstrates the joint operational, systems of systems, technical, software, and procedural interoperability of new systems and programs prior to further progress within the acquisition system. JSIC serves as the technical analysis and assessment activity for the Joint Requirement Oversight Council (JROC) capability driven requirements by determining system "value-added" PRIOR to introduction to the Combatant Commanders and in advance of system fielding in operational environments. JSIC also provides a joint interoperability compliance activity for the milestone decision authorities/program managers, e.g., Joint Battle Management Command and Control (JBMC2) Board of Directors, that ensures that selected acquisition systems and programs are fully interoperable PRIOR to being fielded. The intent is for the JSIC to be a forcing function for interoperable joint solutions and a means to foster rapid, near-term insertion of C4ISR technology by promoting the ability to meet the DoD direction for spiral development and evolutionary acquisition. The mission assignment of the JSIC is to provide for the fielding of warfighter C2 systems through rapid systems prototyping and technical and operational evaluations using laboratory environments and field venues joining the technologists and the operational warfighter to meet the validated needs.</p> <p><b>(U) JUSTIFICATION FOR BUDGET ACTIVITY:</b>                      The Joint Systems Integration Command (JSIC) is the U. S. Joint Forces Command's (JFCOM) facility for warfighter exploration and assessment of C4ISR capabilities. The mission of the JSIC is to prototype and to operationally assess current and emerging technology to address the joint warfighters' needs. The Command provides the Combatant Commands with near-term solutions that address C4ISR problems at the Joint Force Headquarters level.</p>								

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APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-4</b>	PROGRAM ELEMENT NUMBER AND NAME 0604787N - Joint Warfare Transformation Programs	PROJECT NUMBER AND NAME 3021 - Joint Warfare Transformation Program		
<b>(U) C. PROGRAM CHANGE SUMMARY:</b>				
(U) Funding:	FY 2006	FY 2007	FY 2008	FY 2009
FY 07 President's Budget	23.032	0.000	0.000	0.000
FY 08/09 President's Budget Submit	22.406	0.000	0.000	0.000
Total Adjustments	-0.626	0.000	0.000	0.000
Summary of Adjustments				
Miscellaneous Navy Adjustments	-0.626			
Subtotal	-0.626	0.000	0.000	0.000
(U) Schedule:				
Not Applicable				
(U) Technical:				
Not Applicable				

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EXHIBIT R-2a, RDT&E Project Justification		DATE: <b>February 2007</b>
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-4</b>	PROGRAM ELEMENT NUMBER AND NAME 0604787N - Joint Warfare Transformation Programs	PROJECT NUMBER AND NAME 3021 - Joint Warfare Transformation Program

**(U) B. Accomplishments/Planned Program**

	FY 06	FY 07	FY 08	FY 09
<b>Interoperability Technology Demonstration Center (ITDC)</b>	13.456			
RDT&E Articles Quantity				

**FY06 ACCOMPLISHMENTS:**

Continued to demonstrate the five categories of operational, systems of systems, technical, software, and procedural interoperability of selected new programs or systems prior to further progress within the acquisition system. The Center provided interoperability demonstrations of selected (configuration controlled) early capability implementations in coordination with the milestone decision authorities and joint program office. Demonstrations of early implementations will lead to early identification of interoperability issues and allow for earlier fielding of interoperable joint capabilities.

	FY 06	FY 07	FY 08	FY 09
<b>Advanced Systems Prototyping</b>	3.034			
RDT&E Articles Quantity				

**FY06 ACCOMPLISHMENTS:**

Continued to build, test, and deliver operational prototypes that solve near-term capability gaps identified by one of several possible sources. Advanced Systems Prototyping will use organic laboratory resources, equipment, and technical personnel to perform these functions integrating external providers' technologies as necessary.

	FY 06	FY 07	FY 08	FY 09
<b>CCs Requirements Analysis and Capability Assessments</b>	3.016			
RDT&E Articles Quantity				

**FY06 ACCOMPLISHMENTS:**

Continued to analyze near-term requirements from all Combatant Commanders, identify current emerging or mature technology available to address these requirements, perform comprehensive assessment for joint maturity, and warfighter utility. Joint Systems Integration Command (JSIC) projects are nominated to meet Combatant Commanders and Joint Force transformational requirements for the fiscal year. Those submitted to the Joint Staff for approval subsequently become the approved fiscal year program.

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<b>(U) B. Accomplishments/Planned Program</b>				
<b>DOTMLP-F Transformation Change Package (TCP) Recommendations</b>	FY 06 0.553	FY 07	FY 08	FY 09
RDT&E Articles Quantity				
<b>FY06 ACCOMPLISHMENTS:</b> Continued to provide Doctrine, Organizational, Training, Material, Leadership, Personnel, and Facilities (DOTMLPF) recommendations on fielding strategies for USJFCOM and Joint Requirement Oversight Council (JROC) endorsement. Recommendations are based on results from technology assessments, which address the military utility of proposed solutions and identify relevant Service programs, doctrinal impacts, training implications, personnel requirements, etc.				
<b>Joint Concept Development and Experimentation Support</b>	FY 06 0.554	FY 07	FY 08	FY 09
RDT&E Articles Quantity				
<b>FY06 ACCOMPLISHMENTS:</b> Continued to provide support for Limited Objective Experiments and Multi-national experimentation efforts. Continued experimentation and prototyping laboratory support for Standing Joint Force Headquarters Joint National Training Capability and Joint Experimentation events.				
<b>Federated Joint C2 Laboratories (FJC2L)</b>	FY 06 1.793	FY 07	FY 08	FY 09
RDT&E Articles Quantity				
<b>FY06 ACCOMPLISHMENTS:</b> The Federated Joint C2 Laboratories (FJC2L) is a voluntary consortium of the Joint Systems Integration Command (JSIC), the Service Battle Centers/Laboratories, Combatant Commanders, Agencies and other DoD organizations formed to promote near-term Joint C4ISR solutions to Joint Force Headquarters operational needs/issues. JSIC, as the overseer of the consortium, continued to provide annual support to these efforts through project experimentation, prototyping, and assessment for joint solutions.				

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APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-4</b>	PROGRAM ELEMENT NUMBER AND NAME 0604787N - Joint Warfare Transformation Programs	PROJECT NUMBER AND NAME 3021 - Joint Warfare Transformation Program				
<p><b>(U) D. OTHER PROGRAM FUNDING SUMMARY:</b></p> <table><thead><tr><th><u>Line Item No. &amp; Name</u></th><th><u>FY 2006</u></th></tr></thead><tbody><tr><td>Not Applicable</td><td></td></tr></tbody></table> <p><b>(U) E. ACQUISITION STRATEGY:</b></p> <p><b>(U) F. MAJOR PERFORMERS:</b></p> <p><b>(U) G. PERFORMANCE METRICS:</b></p>			<u>Line Item No. &amp; Name</u>	<u>FY 2006</u>	Not Applicable	
<u>Line Item No. &amp; Name</u>	<u>FY 2006</u>					
Not Applicable						

CLASSIFICATION:

Exhibit R-3 Cost Analysis (page 1)								DATE: <b>February 2007</b>				
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT					PROJECT NUMBER AND NAME				
RDT&E, N / BA-7			0604787N - Joint Warfare Transformation Programs					3021 - Joint Warfare Transformation Program				
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY07 Cost	FY 07 Award Date	FY 08 Cost	FY 08 Award Date	FY 09 Cost	FY 09 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Dev Support Equip Acquisition	MIPR	General Service Administration	3.515						Continuing	Continuing	Continuing	0.000
Systems Engineering	C-CPFF	Old Dominion University	0.094						Continuing	Continuing	Continuing	0.000
Contractor Engineering Support	C-CPFF	Georgia Tech Research Institut	0.788						Continuing	Continuing	Continuing	0.000
Gov't Engineering Support	C-CPFF	General Dynamics	3.195						Continuing	Continuing	Continuing	0.000
Systems Engineering	C-CPFF	South Carolina Research	0.361						Continuing	Continuing	Continuing	0.000
Gov't Engineering Support	MIPR	Various DoD	0.673						Continuing	Continuing	Continuing	0.000
Travel		Various DoD	0.046						Continuing	Continuing	Continuing	0.000
Subtotal Product Development			8.672	0.000		0.000		0.000	Continuing	Continuing	Continuing	0.000
Remarks:												
Systems Engineering Support	C-CPFF	Old Dominion University	0.079								0.079	0.000
Contractor Engineering Support	C-CPFF	General Dynamics	3.295								3.295	0.000
Gov't Engineering Support	MIPR	Various DoD	1.317								1.317	0.000
Travel		Various DoD	0.035								0.035	0.000
											0.000	0.000
											0.000	0.000
											0.000	0.000
Subtotal Support			4.726	0.000		0.000		0.000		0.000	4.726	0.000
Remarks:												

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Exhibit R-3 Cost Analysis (page 2)								DATE: <b>February 2007</b>				
APPROPRIATION/BUDGET ACTIVITY				PROGRAM ELEMENT				PROJECT NUMBER AND NAME				
<b>RDT&amp;E, N / BA-7</b>				0604787N - Joint Warfare Transformation Programs				3021 - Joint Warfare Transformation Program				
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY07 Cost	FY 07 Award Date	FY 08 Cost	FY 08 Award Date	FY 09 Cost	FY 09 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Dev Support Equip Acquisition	MIPR	General Service Administration	3.091							Continuing	Continuing	0.000
Systems Engineering	C-CPFF	Old Dominion University	0.109							Continuing	Continuing	0.000
Contractor Engineering Support	C-CPFF	General Dynamics	3.647							Continuing	Continuing	0.000
Systems Engineering	C-CPFF	South Carolina Research	0.616							Continuing	Continuing	0.000
Gov't Engineering Support	MIPR	Various DoD	1.436							Continuing	Continuing	0.000
Travel		Various DoD	0.109									0.000
Subtotal T&E			9.008	0.000		0.000		0.000		Continuing	Continuing	0.000
Remarks:												
Contractor Engineering Support											0.000	0.000
Government Engineering Support											0.000	0.000
Program Management Support											0.000	0.000
Travel											0.000	0.000
Subtotal Management			0.000	0.000		0.000		0.000		0.000	0.000	0.000
Remarks:												
Total Cost			22.406	0.000		0.000		0.000		Continuing	Continuing	0.000
Remarks:												



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Exhibit R-4a, Schedule Profile					DATE: <b>February 2007</b>			
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT				PROJECT NUMBER AND NAME			
<b>RDT&amp;BA-4</b>	0604787N - Joint Warfare Transformation Programs				3021 - Joint Warfare Transformation Program			
Schedule Profile	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY2013
Prototype Phase								
System Design Review (SDR)								
Milestone II (MSII)								
Contract Preparation								
Software Specification Review (SSR)								
Preliminary Design Review (PDR)								
System Development								
Critical Design Review (CDR)								
Quality Design and Build								
Test Readiness Review (TRR)								
Developmental Testing (DT-IIA)								
Eng Dev Model (EDM) Radar Delivery - Lab								
Software Delivery 1XXSW								
Preproduction Readiness Review (PRR)								
EDM Radar Delivery - Flt Related	<b>NO TITLE 10 ACQUISITION AUTHORITY / FORM NOT APPLICABLE</b>							
Milestone C (MS C)								
Operational Testing (OT-IIA)								
Start Low-Rate Initial Production I (LRIP I)								
Software Delivery 2XXSW								
Developmental Testing (DT-IIB1)								
Developmental Testing (DT-IIB2)								
Start Low-Rate Initial Production II								
Operational Testing (OT-IIB)								
Developmental Testing (DT-IIC)								
Functional Configuration Audit (FCA)								
Low-Rate Initial Production I Delivery								
Technical Evaluation (TECHEVAL)								
Physical Configuration Audit								
Operational Evaluation (OT-IIC) (OPEVAL)								
Low-Rate Initial Production II Delivery								
IOC								
Full Rate Production (FRP) Decision								
Full Rate Production Start								
First Deployment								