

**UNCLASSIFIED**

**CLASSIFICATION:**

[illegible]

**(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:** The Secretary of Defense Program Decision Memorandum (dated 12 Dec 2003) tasked U.S. Joint Forces Command (USJFCOM) with the responsibility for maintaining Joint Simulation System (JSIMS) software and establishing a Software Support Facility (SSF) at the Joint Warfighting Center, pending the results of an Analysis of Alternatives (AoA). The mission of this program is to create an SSF to support the delivery and maintenance of Block I of the JSIMS. JSIMS Block I delivers to the Joint Warfighting Center the simulation capability to train Joint Force Commanders, their components, and staffs. JSIMS is the next generation modeling and simulation tool that will be the cornerstone for Training Transformation and will be one of the key tools to the success of the Joint National Training Center (JNTC).

The USJFCOM SSF efforts through FY 2009 will focus on supporting and maintaining JSIMS Block I software support for Joint Training. Specific JSIMS SSF tasks include: software configuration management; joint exercise technical support; JSIMS specific training; resource repository maintenance; and software administrative support. When Block I is formally delivered, Joint Warfighting Center (JWFC) will be responsible for the “upkeep” of the software and hardware. This is a departure from standard software acquisition processes as the Program Office is responsible for out-year Post Development Software Support (PDSS) and other logistic support.

The Joint Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) Battle Center (JBC) is the U.S. Joint Forces Command (JFCOM) and Chairman, Joint Chiefs of Staff (CJCS) facility for warfighter exploration and assessment of C4ISR capabilities. The Center provides the combatant commands, at the Joint Task Force (JTF) level, with a near-term joint assessment and experimental environment for the warfighter and technologist in support of Joint Vision 2020 (JV2020). It serves as the technical analysis and assessment agency for the Joint Requirement Operating Council (JROC) in determining C4ISR system “value-added” PRIOR to introduction to the Combatant Commanders and in advance of system fielding in operational environments. The intent is for the JBC to be a forcing function for joint synchronization and a means to foster rapid, near-term insertion of C4ISR technology. The mission of the JBC is to provide rapid assessment of required C4ISR interoperability and warfighter utility, join emerging C4ISR technology with new operational doctrine, and result in fielding C4ISR capabilities that meet the joint warfighter’s needs.

(U) JUSTIFICATION FOR BUDGET ACTIVITY: The Joint Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) Battle Center (JBC) is the U. S. Joint Forces Command's (JFCOM) facility for warfighter exploration and assessment of C4ISR capabilities. The mission of the JBC is to prototype and to operationally assess current and emerging technology to address the joint warfighters' needs. The center provides the Combatant Commands with near-term solutions that address C4ISR problems at the Joint Force Headquarters level.

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EXHIBIT R-2a, RDT&E Project Justification								DATE: <b>February 2004</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 Programs				
COST (\$ in Millions)	Prior Years Cost	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Cost to Complete	Total Program
Project Cost	0.000	0.000	0.000	22.450	23.261	20.575	19.769	20.046	Continuing	Continuing
RDT&E Articles Qty										
<p>(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: The Secretary of Defense Program Decision Memorandum (dated 12 Dec 2003) tasked U.S. Joint Forces Command (USJFCOM) with the responsibility for maintaining Joint Simulation System (JSIMS) software and establishing a Software Support Facility (SSF) at the Joint Warfighting Center, pending the results of an Analysis of Alternatives (AoA). The mission of this program is to create an SSF to support the delivery and maintenance of Block I of the JSIMS. JSIMS Block I delivers to the Joint Warfighting Center the simulation capability to train Joint Force Commanders, their components, and staffs. JSIMS is the next generation modeling and simulation tool that will be the cornerstone for Training Transformation and will be one of the key tools to the success of the Joint National Training Center (JNTC).</p> <p>The USJFCOM SSF efforts through FY 2009 will focus on supporting and maintaining JSIMS Block I software support for Joint Training. Specific JSIMS SSF tasks include: software configuration management; joint exercise technical support; JSIMS specific training; resource repository maintenance; and software administrative support. When Block I is formally delivered, Joint Warfighting Center (JWFC) will be responsible for the "upkeep" of the software and hardware. This is a departure from standard software acquisition processes as the Program Office is responsible for out-year Post Development Software Support (PDSS) and other logistic support.</p> <p>The Joint Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) Battle Center (JBC) is the U.S. Joint Forces Command (JFCOM) and Chairman, Joint Chiefs of Staff (CJCS) facility for warfighter exploration and assessment of C4ISR capabilities. The Center provides the combatant commands, at the Joint Task Force (JTF) level, with a near-term joint assessment and experimental environment for the warfighter and technologist in support of Joint Vision 2020 (JV2020). It serves as the technical analysis and assessment agency for the Joint Requirement Operating Council (JROC) in determining C4ISR system "value-added" PRIOR to introduction to the Combatant Commanders and in advance of system fielding in operational environments. The intent is for the JBC to be a forcing function for joint synchronization and a means to foster rapid, near-term insertion of C4ISR technology. The mission of the JBC is to provide rapid assessment of required C4ISR interoperability and warfighter utility, join emerging C4ISR technology with new operational doctrine, and result in fielding C4ISR capabilities that meet the joint war fighter's needs.</p>										

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Exhibit R-2a, RDTEN Project Justification  
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EXHIBIT R-2a, RDT&E Project Justification		DATE: <b>February 2004</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 Programs	

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

		FY 03	FY 04	FY 05
<b>JOINT SIMULATION SYSTEM</b>				13.500
RDT&E Articles Quantity				

· JWFC will continue software configuration management (CM) which insures users are operating the most current version of software in Joint Exercises. The CM team is responsible for documenting upgrades/fixes to the software and publishing those changes to the user community at large. Real-time technical support to Joint Exercise and other training or testing events will be provided to include 24/7 help desk support during a given event, and insuring the JSIMS software operates as delivered, taking steps to correct real-time problems that arise. Specific training (technical and operational) will be provided to users prior to conducting a JSIMS-driven Joint Exercise. Periodic upgrade training will be provided to JSIMS user sites, and training will be provided for periodic model testing events, as required. The SSF will maintain and control all JSIMS software and documentation in a central location (resource repository) and will serve as an archive for historical documentation. Perfunctory Software administrative support (considered specialized and technical) will be provided to the above functions, to include organic security and engineering expertise.

		FY 03	FY 04	FY 05
<b>CCs REQMTS ANALYSIS &amp; CAPABILITY ASSESSMENTS</b>				5.863
RDT&E Articles Quantity				

**FY05 CCs Requirements Analysis and Capability Assessments:** Analyze near-term requirements from all Combatant Commanders, identify current mature technology available to address these requirements, perform comprehensive assessment for jointness, maturity, and warfighter utility. JBC projects are nominated to meet Combatant Commanders and Joint Force transformational requirements for the fiscal year. Those submitted to the Joint Staff for approval, and subsequently become the approved fiscal year program.

		FY 03	FY 04	FY 05
<b>DOTMLP-F JROC RECOMMENDATIONS</b>				0.608
RDT&E Articles Quantity				

**FY05 (DOTMLP-F JROC Recommendations):** Provide Doctrine, Organizational, Training, Material, Leadership, Personnel, and Facilities (DOTMLP) recommendations on fielding strategies for Joint Requirement Oversight Council (JROC) endorsement. Recommendations are based on results from technology assessments, which identify relevant Service programs, doctrinal impacts, training implications, personnel requirements, etc.

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

		FY 03	FY 04	FY 05
<b>JOINT CONCEPT DEVELOPMENT &amp; EQUIP SUP</b>				1.869
RDT&E Articles Quantity				

**FY05 Joint Concept Development and Experimentation Support:** Continue to support the Unified Vision series of experiments and preparation of Olympic Challenge and Pinnacle series of events. Provide support for Limited Objective Experiments and Multi-national experimentation efforts.

		FY 03	FY 04	FY 05
<b>FEDERATED JOINT C2 LABORATORIES</b>				0.610
RDT&E Articles Quantity				

**FY05 Federated Joint C2 Laboratories (FJC2L):** The FJCL is a voluntary consortium of the JBC, the Service Battle Centers/Laboratories, Combatant Commanders, Agencies and other DoD organizations formed to promote near-term Joint C4ISR solutions to JTF operational needs/issues. The JBC, as chairman of the consortium, provides annual funding to support Service efforts through project experimentation/assessment. The CFBL is a consortium of nations and international organizations formed to evaluate combined C4ISR interoperability shortfalls, assess potential solutions through the utilization of agreed upon phased assessment procedures, report the results of those assessments, and make recommendations in order to foster improved combined CIS for the explicit purpose of promoting near-term concepts and acceptance of solutions.

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**(U) C. PROGRAM CHANGE SUMMARY:**

	FY 2003	FY 2004	FY 2005
(U) Funding:			
FY04 President's Budget:	0.000	0.000	0.000
FY05 President's Budget	0.000	0.000	22.450
Total Adjustments	0.000	0.000	22.450
Summary of Adjustments			
JFCOM PE Realignment			22.450
Subtotal	0.000	0.000	22.450
(U) Schedule:			
Not Applicable			
(U) Technical:			
Not Applicable			

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**(U) D. OTHER PROGRAM FUNDING SUMMARY:**

<u>Line Item No. &amp; Name</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>To Complete</u>	<u>Total Cost</u>
Not Applicable									

  

**(U) E. ACQUISITION STRATEGY:**

FY 2005. The JBC does not have a major contract for their RDT&E efforts. Equipment required to support our various projects are either bought from other service contracts and/or from the GSA schedule. Services are provided by other services and/or various vendors with expertise on a specific assessment we are accomplishing.

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Exhibit R-3 Cost Analysis (page 1)								DATE: <b>February 2004</b>				
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E,N/ BA 4</b>			PROGRAM ELEMENT 0604787N - Joint Warfare Transformation Programs				PROJECT NUMBER AND NAME 3021 - Joint Warfare Transformation Programs					
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 03 Cost	FY 03 Award Date	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Dev Support Equip Acquisition	MIPR	GSA Schedule						0.591	Various	Continuing	Continuing	Continuing
Systems Engineering	C-CPFF	ODU						0.087	10/04	Continuing	Continuing	Continuing
Contractor Engineering Support	C-CPFF	GTRI						1.075	10/04	Continuing	Continuing	Continuing
Gov't Engineering Support	C-CPFF	General Dynamics						0.846	11/04	Continuing	Continuing	Continuing
Gov't Engineering Support	MIPR	Various DoD						0.623	Various	Continuing	Continuing	Continuing
Travel		Various DoD						0.045	Various	Continuing	Continuing	Continuing
											0.000	Continuing
JSIMS Govt Eng Supp	MIPR	PEO STRI						4.000	12/04		4.000	Continuing
JSIMS Development Support	MIPR	JSIMS SSF Orlando						3.900	11/04		3.900	
JSIMS Travel								0.100	Various		0.100	
											0.000	
Subtotal Product Development			0.000	0.000		0.000		11.267		Continuing	Continuing	
Remarks:												
Systems Engineering Support	C-CPFF	ODU						0.068	10/04	Continuing	Continuing	Continuing
Contractor Engineering Support	C-CPFF	General Dynamics						1.443	11/04	Continuing	Continuing	Continuing
Gov't Engineering Support	MIPR	Various DoD						0.618	Various	Continuing	Continuing	Continuing
Travel		Various DoD						0.034	Various	Continuing	Continuing	Continuing
											0.000	
JSIMS Development support	MIPR	JSIMS SSF Orlando						1.000	11/04		1.000	
JSIMS Cont. Eng. Support	C-FPAW	NGIT						1.000	10/04		1.000	
JSIMS System Eng. Support	WR	SPAWAR						0.900	12/04		0.900	
JSIMS Travel								0.100	Various		0.100	
											0.000	
Subtotal Support			0.000	0.000		0.000		5.163		Continuing	Continuing	
Remarks:												

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Exhibit R-3 Cost Analysis (page 2)								DATE: <b>February 2004</b>				
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N/ BA 4</b>			PROGRAM ELEMENT 0604787N - Joint Warfare Transformation Programs				PROJECT NUMBER AND NAME 3021 - Joint Warfare Transformation Programs					
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 03 Cost	FY 03 Award Date	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Dev Support Equip Acquisition	MIPR	GSA Schedule						1.042	Various	Continuing	Continuing	Continuing
Systems Engineering	C-CPFF	ODU						0.155	10/04	Continuing	Continuing	Continuing
Contractor Engineering Support	C-CPFF	General Dynamics						1.127	11/04	Continuing	Continuing	Continuing
Gov't Engineering Support	MIPR	Various DoD						1.088	Various	Continuing	Continuing	Continuing
Travel		Various DoD						0.108	Various	Continuing	Continuing	Continuing
JSIMS Contractor Eng. Support	C-FPAW	NGIT						0.500	12/04		0.500	
JSIMS Govt Eng Support	MIPR	JSIMS SSF Orlando						0.500	12/04		0.500	
JSIMS Systems Engineering	WR	SPAWAR						0.500	12/04		0.500	
JSIMS Govt Eng Support	WR	Various DOD						0.900	Various		0.900	
JSIMS Travel								0.100	Various		0.100	
											0.000	
Subtotal T&E			0.000	0.000		0.000		6.020		Continuing	Continuing	
Remarks:												
Contractor Engineering Support											0.000	
Government Engineering Support											0.000	
Program Management Support											0.000	
Travel											0.000	
Transportation											0.000	
											0.000	
Subtotal Management			0.000	0.000		0.000		0.000		0.000	0.000	
Remarks:												
Total Cost			0.000	0.000		0.000		22.450		Continuing	Continuing	
Remarks:												



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EXHIBIT R4, Schedule Profile																								DATE: <b>February 2004</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 Programs											
Fiscal Year	2003				2004				2005				2006				2007				2008				2009			
	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																												
Test & Evaluation Milestones																												
Production Milestones																												
Deliveries																												

**NO TITLE 10 ACQUISITION AUTHORITY / FORM NOT APPLICABLE**

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\* Not required for Budget Activities 1, 2, 3, and 6

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**Exhibit R-4, Schedule Profile**  
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**Exhibit R-4a, Schedule Detail**  
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