CLASSIFICATION:							

EXHIBIT R-2, RDT&E Budget Item Justification						DATE: **February 2005**	

APPROPRIATION/BUDGET ACTIVITY **RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY /** **BA-4**				R-1 ITEM NOMENCLATURE 0604787N - Joint Warfare Transformation Programs			

COST ($ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Total PE Cost	0.000	22.239	23.385	20.755	19.967	20.226	20.669	21.082
3021 - Joint Warfare Transformation Program	0.000	22.239	23.385	20.755	19.967	20.226	20.669	21.082
Quantity of RDT&E Articles								

(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:
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.

The Joint Systems Integration Command (JSIC) [formerly Joint (C4ISR) Battle Center (JBC)] realigned from PE 0305188N, PROJECT 2456 and Interoperability Technology Demonstration Center (ITDC) realigned from PE 0603727N, PROJECT 2497.

(U) JUSTIFICATION FOR BUDGET ACTIVITY: 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.

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification		DATE:
		February 2005
APPROPRIATION/BUDGET ACTIVITY **RDT&E, N / BA-4**	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 04	FY 05	FY 06	FY 07
Interoperability Technology Demonstration Center (ITDC)	0.000	13.500	14.100	11.200
RDT&E Articles Quantity				

FY05-07 Planned:
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 will provide 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 04	FY 05	FY 06	FY 07
Advanced Systems Prototyping	0.000	2.821	3.076	3.131
RDT&E Articles Quantity				

FY05-07 Planned:
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 04	FY 05	FY 06	FY 07
CCs Requirements Analysis and Capability Assessments	0.000	2.831	3.045	3.086
RDT&E Articles Quantity				

FY05-07 Planned:
Analyze near-term requirements from all Combatant Commanders, identify current emerging or mature technology available to address these requirements, perform comprehensive assessment for jointness, maturity, and warfighter utility. 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.

R-1 SHOPPING LIST - Item No. 83

CLASSIFICATION:

| EXHIBIT R-2a, RDT&E Project Justification | DATE: |
| | **February 2005** |

APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME
RDT&E, N / BA-4	0604787N - Joint Warfare Transformation Programs	3021 - Joint Warfare Transformation Program

(U) B. Accomplishments/Planned Program

	FY 04	FY 05	FY 06	FY 07
DOTMLP-F Transformation Change Package (TCP) Recommendations	0.000	0.608	0.643	0.683
RDT&E Articles Quantity				

FY05-FY07 Planned:
Provide Doctrine, Organizational, Training, Material, Leadership, Personnel, and Facilities (DOTMLP) 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.

	FY 04	FY 05	FY 06	FY 07
Joint Concept Development and Experimentation Support	0.000	0.610	0.648	0.742
RDT&E Articles Quantity				

FY05-07 Planned:
Provide support for Limited Objective Experiments and Multi-national experimentation efforts. Continue experimentation and prototyping laboratory support for Standing Joint Force Headquarters, Joint National Training Capability and Joint Experimentation events.

	FY 04	FY 05	FY 06	FY 07
Federated Joint C2 Laboratories (FJC2L)	0.000	1.869	1.873	1.913
RDT&E Articles Quantity				

FY05-07 Planned:
The Federated Joint C2 Laboratories (FJC2L) is a voluntary consortium of the 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. The JSIC, as the overseer of the consortium, provides annual support to these efforts through project experimentation, prototyping, and assessment for joint solutions.

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Exhibit R-2a, RDTEN Project Justification

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EXHIBIT R-2a, RDT&E Project Justification		DATE:
		February 2005
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME
RDT&E, N / BA-4	0604787N - Joint Warfare Transformation Programs	3021 - Joint Warfare Transformation Program

(U) C. PROGRAM CHANGE SUMMARY:

	FY 2004	FY 2005	FY 2006	FY 2007
(U) Funding:				
FY 05 President's Budget	0.000	22.450	23.261	20.575
FY 06 President's Budget Submit	0.000	22.239	23.385	20.755
Total Adjustments	0.000	-0.211	0.124	0.180
Summary of Adjustments				
Section 8105: Reduce IT Development Cost		-0.009		
Section 8122: Assumed Mgmt Improvement		-0.068		
Section 8131: Non-Statutory Funding Set		-0.130		
Program Adjustment	0.000	-0.004	0.124	0.180
Subtotal	0.000	-0.211	0.124	0.180

(U) Schedule:

   Not Applicable

(U) Technical:

   Not Applicable

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Exhibit R-2a, RDTEN Project Justification

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification		DATE: February 2005
APPROPRIATION/BUDGET ACTIVITY **RDT&E, N / BA-4**	PROGRAM ELEMENT NUMBER AND NAME 0604787N - Joint Warfare Transformation Programs	PROJECT NUMBER AND NAME 3021 - Joint Warfare Transformation Program

(U) D. OTHER PROGRAM FUNDING SUMMARY:

Line Item No. & Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Cost
Not Applicable										

(U) E. ACQUISITION STRATEGY:

FY 2005. The JSIC has 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 JSIC is accomplishing.

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Exhibit R-2a, RDTEN Project Justification

CLASSIFICATION:

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Exhibit R-3 Cost Analysis (page 1)					**February 2005**						

APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NUMBER AND NAME					
RDT&E, N / BA-4			0604787N - Joint Warfare Transformation Programs			3021 - Joint Warfare Transformation Program					

Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Dev Support Equip Acquisition	MIPR	GSA Schedule		3.986	Various	4.141	Various	2.005	Various	Continuing	Continuing	Continuing
Systems Engineering	C-CPFF	ODU		0.093	10/04	0.094	10/05	0.096	10/06	Continuing	Continuing	Continuing
Contractor Engineering Support	C-CPFF	GTRI		0.750	10/04	0.788	10/05	0.827	10/06	Continuing	Continuing	Continuing
Gov't Engineering Support	C-CPFF	General Dynamics		3.127	01/05	3.196	01/06	3.274	01/07	Continuing	Continuing	Continuing
Systems Engineering	C-CPFF	South Carolina Research		0.344	10/04	0.361	10/05	0.379	10/06	Continuing	Continuing	Continuing
Gov't Engineering Support	MIPR	Various DoD		0.623	Various	0.773	Various	0.474	Various	Continuing	Continuing	Continuing
Travel		Various DoD		0.045	Various	0.046	Various	0.047	Various	Continuing	Continuing	Continuing
Subtotal Product Development			0.000	8.968		9.399		7.102		Continuing	Continuing	Continuing

Remarks:

Systems Engineering Support	C-CPFF	ODU		0.078	10/04	0.079	10/05	0.080	10/06	Continuing	Continuing	Continuing
Contractor Engineering Support	C-CPFF	General Dynamics		3.138	01/05	3.295	01/06	3.460	01/07	Continuing	Continuing	Continuing
Gov't Engineering Support	MIPR	Various DoD		1.367	Various	1.435	Various	1.007	Various	Continuing	Continuing	Continuing
Travel		Various DoD		0.034	Various	0.035	Various	0.036	Various	Continuing	Continuing	Continuing
											0.000	0.000
											0.000	0.000
											0.000	0.000
Subtotal Support			0.000	4.617		4.844		4.583		Continuing	Continuing	Continuing

Remarks:

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CLASSIFICATION:

Exhibit R-3 Cost Analysis (page 2)								DATE: **February 2005**				
APPROPRIATION/BUDGET ACTIVITY **RDT&E, N / BA-4**			PROGRAM ELEMENT 0604787N - Joint Warfare Transformation Programs				PROJECT NUMBER AND NAME 3021 - Joint Warfare Transformation Program					
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Dev Support Equip Acquisition	MIPR	GSA Schedule		2.998	Various	3.091	Various	2.921	Various	Continuing	Continuing	Continuing
Systems Engineering	C-CPFF	ODU		0.104	10/04	0.109	10/05	0.114	10/06	Continuing	Continuing	Continuing
Contractor Engineering Support	C-CPFF	General Dynamics		3.569	01/05	3.747	01/06	3.934	01/07	Continuing	Continuing	Continuing
Systems Engineering	C-CPFF	South Carolina Research		0.587	10/04	0.616	10/05	0.647	10/06	Continuing	Continuing	Continuing
Gov't Engineering Support	MIPR	Various DoD		1.288	Various	1.470	Various	1.344	Various	Continuing	Continuing	Continuing
Travel		Various DoD		0.108	Various	0.109	Various	0.110	Various	Continuing	Continuing	Continuing
Subtotal T&E			0.000	8.654		9.142		9.070		Continuing	Continuing	Continuing
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			0.000	22.239		23.385		20.755		Continuing	Continuing	0.000
Remarks:												

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