CLASSIFICATION:							
EXHIBIT R-2, RDT&E Budget Item Justification						DATE: **February-2006**	
APPROPRIATION/BUDGET ACTIVITY **RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY /** **BA-6**				R-1 ITEM NOMENCLATURE 0804758N - Joint Information Operations Integrated Test Range Infrastructure/JNTC			
COST ($ in Millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Total PE Cost	0.000	18.149	5.202	5.202	5.302	5.412	5.512
3152 - Joint Integrated Information Operations Range (JIIOR)	0.000	9.849	5.202	5.202	5.302	5.412	5.512
9999 - Congressional Adds	0.000	8.300	0.000	0.000	0.000	0.000	0.000
Quantity of RDT&E Articles							

In accordance with the FY 05 National Defense Authorization Act, RDT&E funding for Joint Forces Command transfers from Navy to Defense-Wide beginning in FY 07. The new program for 0804758N is 0804758D, under BA 6.

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

This program supports FY04 Defense Planning Guidance (DPG) directive that Information Operations (IO) become a core military competency, fully integrated into the Department of Defense's (DoD) deliberate and crisis action planning process and capable of being executed as both supported and supporting operations. The Joint Integrated IO Range (JIIOR) establishes the realistic test, training, and exercise environment for developing and operational IO weapon systems as well as Tactics, Techniques, and Procedures (TTP). JIIOR facilitates this mission by providing an environment that integrates specific IO development, test, training, and exercise capabilities and resources across the Department to meet the growing needs of the Services, components, and combatant commanders. JIIOR provides an environment a representative combat targets, systems, and situations that facilitate technical and performance assurance testing to certify weapon systems and enables effective and thorough Service, component, and combatant commander sponsored training and exercises. The JIIOR goal is to create a flexible, seamless environment that enables combatant commanders to achieve the same level of confidence and expertise in employing IO weapons that they have with kinetic weapons.

Beginning in FY07, this Program Element funds Navy's share of the Joint National Training Capability (JNTC), a component of DoD's Training Transformation (T2) initiative. Navy will develop capabilities that integrate live, virtual, and constructive elements into a seamless joint training environment. Using a scientific and phased approach, Navy will leverage and research new technologies and methods, based upon focused joint operational training requirements, that provide a crucial technology-based foundation supporting all current and "to be Navy joint training capabilities. Available commercial-off-the-shelf (COTS) and government -off-the-shelf (GOTS) networked information technologies and collaborative planning tools will be leveraged to provide improved net-centric joint training capability. Navy will lead the collaboration process to identify, collect and validate the requirements in order to design and develop the modeling and simulation capabilities that address the shortfalls in current abilities to support Joint Task training to standards. The program was previously funded in PE 0603727N.

This project supports the FY 2003 DoD Information Operations (IO) roadmap.

(U) JUSTIFICATION FOR BUDGET ACTIVITY:

This program is funded under RDT&E Management Support because it provides support to test range operations. All cost in direct support of JIIOR test, training, weapon, and range integration will be funded by RDT&E BA-6 funding.

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CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification		DATE:
		February-2006
APPROPRIATION/BUDGET ACTIVITY		R-1 ITEM NOMENCLATURE
RDT&E, N / BA-6		0804758N - Joint Information Operations Integrated Test Range Infrastructure/JNTC

(U) C. PROGRAM CHANGE SUMMARY:

		FY 2005	FY 2006	FY07
(U) Funding:				
FY 06 President's Budget		0.000	10.000	10.300
FY 07 President's Budget		0.000	18.149	5.202
Total Adjustments		0.000	8.149	-5.098
Summary of Adjustments				
Congressional Adds			8.300	
Congressional reduction			-0.105	
Sec 8125 Revised Economic Adjustments			-0.046	
Congressionally Directed Transfer of JFCOM to Defense Wide				-5.098
	Total	0.000	8.149	-5.098

(U) Schedule:

   Not Applicable

(U) Technical:

   Not Applicable

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UNCLASSIFIED

EXHIBIT R-2a, RDT&E Project Justification			DATE: February-2006
APPROPRIATION/BUDGET ACTIVITY **RDT&E, N / BA-6**	PROGRAM ELEMENT NUMBER AND NAME 0804758N - Joint Information Operations Integrated Test Ran		PROJECT NUMBER AND NAME 3152 - Joint Integrated Information Operations Range (JIIOR)/JNTC

(U) B. Accomplishments/Planned Program

	FY 05	FY 06	FY07	
JIIOR Management	0.000	1.085	0.000	
RDT&E Articles Quantity				

FY06 PLAN: U. S. Joint Forces Command (USJFCOM) will develop the management processes, procedures, and policies for transition of lead agent responsibilities for the Joint Integrated Information Operations Range (JIIOR) development from the Office of the Under Secretary of Defense (Intelligence) to the U.S. Joint Forces Command (USJFCOM) and the continued range development and implementation.

	FY 05	FY 06	FY07	
JIIOR Network Architecture	0.000	4.594	0.000	
RDT&E Articles Quantity				

FY06 PLAN: USJFCOM will implement a standing Information Operations network connecting high-use sites that supports quick creation of logical ranges for distributed events and permits secure, unrestricted communications and will demonstrate connectivity of initial ten (10) sites supporting IO as directed by FY 2004 Joint Planning Guidance (JPG) . Follow-on efforts will continue to expand range connectivity. FY 2004 JPG directs connectivity with a minimum of 20 sites by FY 2011.

	FY 05	FY 06	FY07	
JIIOR Technology Development and Modernization	0.000	3.100	0.000	
RDT&E Articles Quantity				

FY06 PLAN: Support develop, test, field and integrate technology for modernization of DoD facilities required to support DoD wide computer network operations (CNO) and integrated CNO/Electronic Warfare (EW) tests, training, and exercises.

	FY 05	FY 06	FY07	
JIIOR Event Planning and Sustainment Support	0.000	1.070	0.000	
RDT&E Articles Quantity				

FY06 PLAN: Support develop, test, field and integrate technology for modernization of DoD facilities required to support DoD wide computer network operations (CNO) and integrated CNO/Electronic Warfare (EW) tests, training, and exercises.

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CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification		DATE: **February-2006**
APPROPRIATION/BUDGET ACTIVITY **RDT&E, N / BA-6**	PROGRAM ELEMENT NUMBER AND NAME 0804758N - Joint Information Operations Integrated Test Ran	PROJECT NUMBER AND NAME 3152 - Joint Integrated Information Operations Range (JIIOR)/JNTC

(U) B. Accomplishments/Planned Program

	FY 05	FY 06	FY07	
Joint National Training Capability (JNTC)			5.202	

FY07 Plan: The Navy focus in FY 07 is on advancing joint training technologies that will play a crucial role in Navy's ability to address current and future joint operational training requirements. Navy program activities for FY 07 include conducting research, development, test and evaluation and cross-service architecture certification on Navy capable systems, developing architectures and roadmaps to ensure that service instrumentation follows a common standard, and researching and assessing Navy mission rehearsal, multi-level security, and Coalition / Inter-Agency integration requirements.

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EXHIBIT R-2a, RDT&E Project Justification		DATE: February-2006
APPROPRIATION/BUDGET ACTIVITY **RDT&E, N / BA-6**	PROGRAM ELEMENT NUMBER AND NAME 0804758N - Joint Information Operations Integrated Test Rang	PROJECT NUMBER AND NAME 3152 - Joint Integrated Information Operations Range (JIIOR)/JNTC

(U) C. OTHER PROGRAM FUNDING SUMMARY:

   Line Item No. & Name   FY 2005   FY 2006

     Not Applicable

(U) D. ACQUISITION STRATEGY:

   Not Applicable

(U) E. MAJOR PERFORMERS:
  NONE

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Exhibit R-2a, RDTEN Project Justification
(Exhibit R-2a, page 5 of 8)

CLASSIFICATION:

						DATE:						
Exhibit R-3 Cost Analysis (page 1)								**February-2006**				

APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT				PROJECT NUMBER AND NAME					
RDT&E, N / BA-6			0804758N - Joint Information Operations Integrated Test Rang				3152 - Joint Integrated Information Operations Range (JIIOR)					

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
Primary Hardware Development	Various	IO Ranges				3.317	Various			Continuing	Continuing	0.000
Ancillary Hardware Development	Various	IO Ranges				0.564	Various			Continuing	Continuing	0.000
Systems Engineering	Various	IO Ranges				1.230	Various			Continuing	Continuing	0.000
Licenses	Various	USJFCOM				0.098	Various			Continuing	Continuing	0.000
Eglin AFB I/O Range						7.300	03/06				7.300	0.000
Masking Shunt						1.000					1.000	0.000
Award Fees											0.000	0.000
Subtotal Product Development			0.000	0.000		13.509				Continuing	Continuing	0.000

Remarks: Execution of range development, modernization and containment through participating DoD ranges including, but not limited to: Nellis AFB, China Lake, Lackland AFB, US Army Electronic Proving Grounds, Patuxent NAS,
Wright Patterson AFB, Aberdeen Proving Ground, and Ft Meade.

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
Development Support	Various	IO Ranges				0.200	Various				0.200	0.000
Software Development	Various	IO Ranges				1.800	Various			Continuing	Continuing	0.000
Training Development	Various	IO Ranges				0.400	Various			Continuing	Continuing	0.000
Integrated Logistics Support	Various	IO Ranges				0.120	Various			Continuing	Continuing	0.000
Configuration Management	Various	USJFCOM				0.080	Various			Continuing	Continuing	0.000
Event Planning	Various	USJFCOM				0.370	Various			Continuing	Continuing	0.000
Event Execution	Various	USJFCOM				0.620	Various			Continuing	Continuing	0.000
Subtotal Support			0.000	0.000		3.590				Continuing	Continuing	0.000

Remarks: Execution of range development, modernization and containment through participating DoD ranges including, but not limited to: Nellis AFB, China Lake, Lackland AFB, US Army Electronic Proving Grounds, Patuxent NAS, Wright Patterson AFB, Aberdeen Proving Ground, and Ft Meade.

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CLASSIFICATION:

					DATE:						

Exhibit R-3 Cost Analysis (page 2) — DATE: **February-2006**

APPROPRIATION/BUDGET ACTIVITY **RDT&E, N / BA-6**

PROGRAM ELEMENT 0804758N - Joint Information Operations Integrated Test Ran

PROJECT NUMBER AND NAME 3152 - Joint Integrated Information Operations Range (JIIOR)

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
											0.000	0.000
											0.000	0.000
											0.000	0.000
											0.000	0.000
											0.000	0.000
												0.000
Subtotal T&E			0.000	0.000		0.000		0.000			0.000	0.000

Remarks:

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
Contractor Engineering Support	Various	USJFCOM				0.615	Various	5.202	Various	Continuing	Continuing	0.000
Government Engineering Support	Various	USJFCOM				0.360	Various			Continuing	Continuing	0.000
Program Management Support										0.000	0.000	0.000
Travel	Various	USJFCOM				0.075	Various			Continuing	Continuing	0.000
Subtotal Management			0.000	0.000		1.050		5.202		0.000	6.252	0.000

Remarks:

Total Cost			0.000	0.000		18.149		5.202		Continuing	Continuing	0.000

Remarks:

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CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification			DATE: **February-2006**
APPROPRIATION/BUDGET ACTIVITY **RDT&E, N / BA-6**	PROGRAM ELEMENT NUMBER AND NAME 0804758N - Joint Information Operations Integrated Test Range Infrastructure/JNTC		PROJECT NUMBER AND NAME 9999 - Congressional Increases

(U) B. Accomplishments/Planned Program

	FY 05	FY 06	FY 07	
Eglin AFB I/O Range (9903)	0.000	7.300	0.000	
RDT&E Articles Quantity				

FY06 PLAN: Per Congressional action USJFCOM will support Eglin AFB Information Operation Test Range.

	FY 05	FY 06	FY 07	
Masking Shunt (9902)	0.000	1.000	0.000	
RDT&E Articles Quantity				

FY06 PLAN: Per Congressional action USJFCOM will support Masking Shunt.

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