

<b>CLASSIFICATION:</b>								
EXHIBIT R-2, RDT&E Budget Item Justification							DATE:	
							<b>February 2005</b>	
APPROPRIATION/BUDGET ACTIVITY			R-1 ITEM NOMENCLATURE					
<b>RESEARCH DEVELOPMENT TEST &amp; EVALUATION, NAVY /</b>			<b>BA-6</b>		0804758N - Joint Information Operations Integrated Test Range Infrastructure			
COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Total PE Cost	0.000	0.000	10.000	10.300	10.600	10.900	11.200	11.600
3152 - Joint Integrated Information Operations Range (JIOR)	0.000	0.000	10.000	10.300	10.600	10.900	11.200	11.600
Quantity of RDT&E Articles								
<p><b>(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:</b>                  This program supports an FY04 directive that 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 (JIOR) establishes the realistic test, training, and exercise environment for developing and operationalizing 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.</p> <p>This project supports the FY 2003 DoD Information Operations (IO) roadmap.</p>								

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EXHIBIT R-2a, RDT&E Project Justification			DATE: <b>February 2005</b>	
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-6</b>	PROGRAM ELEMENT NUMBER AND NAME 0804758N - Joint Information Operations Integrated Test Ra	PROJECT NUMBER AND NAME 3152 - Joint Integrated Information Operations Range (JIOR)		
<b>(U) B. Accomplishments/Planned Program</b>				
	FY 04	FY 05	FY 06	FY 07
JIIOR Management	0.000	0.000	1.050	1.068
RDT&E Articles Quantity				
USJFCOM will develop the management processes, procedures, and policies for transition of lead agent responsibilities for the Joint Integrated Information Operations Range (JIOR) 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 04	FY 05	FY 06	FY 07
JIIOR Network Architecture			4.780	2.650
RDT&E Articles Quantity				
USJFCOM will implement a standing Information Operations network connecting high-use sites that support quick creation of logical ranges for distributed events and permits secure, unrestricted communications and will demonstrate connectivity of initial ten (10) sites supporting IO . Follow-on efforts will continue to expand range connectivity. FY 2004 JPG directs connectivity with a minimum of 20 sites by FY 2011				
	FY 04	FY 05	FY 06	FY 07
JIIOR Technology Development and Modernization			3.100	4.720
RDT&E Articles Quantity				
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 04	FY 05	FY 06	FY 07
JIIOR Event Event Planning and Sustainment Support			1.070	1.862
RDT&E Articles Quantity				
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.				

R-1 SHOPPING LIST - Item No. 160

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EXHIBIT R-2a, RDT&E Project Justification			DATE: <b>February 2005</b>																					
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-6</b>	PROGRAM ELEMENT NUMBER AND NAME 0804758N - Joint Information Operations Integrated Test Range Infrastructure	PROJECT NUMBER AND NAME 3152 - Joint Integrated Information Operations Range (JIOR)																						
<p><b>(U) C. PROGRAM CHANGE SUMMARY:</b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 5px;">(U) Funding:</th> <th style="text-align: right; padding: 5px;">FY 2004</th> <th style="text-align: right; padding: 5px;">FY 2005</th> <th style="text-align: right; padding: 5px;">FY 2006</th> <th style="text-align: right; padding: 5px;">FY 2007</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">FY05 President's Budget</td> <td style="text-align: right; padding: 5px;">0.000</td> </tr> <tr> <td style="padding: 5px;">FY06 President's Budget</td> <td style="text-align: right; padding: 5px;">0.000</td> <td style="text-align: right; padding: 5px;">0.000</td> <td style="text-align: right; padding: 5px;">10.000</td> <td style="text-align: right; padding: 5px;">10.300</td> </tr> <tr> <td style="padding: 5px;">Total Adjustments</td> <td style="text-align: right; padding: 5px; border-top: 1px solid black;">0.000</td> <td style="text-align: right; padding: 5px; border-top: 1px solid black;">0.000</td> <td style="text-align: right; padding: 5px; border-top: 1px solid black;">10.000</td> <td style="text-align: right; padding: 5px; border-top: 1px solid black;">10.300</td> </tr> </tbody> </table> <p style="margin-left: 40px; padding: 10px 0 0 0;">Summary of Adjustments Realignment of program funding associated with the integration of IO ranges from RDT&amp;E Defense Wide (PE 0305193D) to RDT&amp;E Navy (PE 0804758N)</p> <p style="margin-left: 40px; padding: 10px 0 0 0;">(U) Schedule: Not Applicable</p> <p style="margin-left: 40px; padding: 10px 0 0 0;">(U) Technical: Not Applicable</p>					(U) Funding:	FY 2004	FY 2005	FY 2006	FY 2007	FY05 President's Budget	0.000	0.000	0.000	0.000	FY06 President's Budget	0.000	0.000	10.000	10.300	Total Adjustments	0.000	0.000	10.000	10.300
(U) Funding:	FY 2004	FY 2005	FY 2006	FY 2007																				
FY05 President's Budget	0.000	0.000	0.000	0.000																				
FY06 President's Budget	0.000	0.000	10.000	10.300																				
Total Adjustments	0.000	0.000	10.000	10.300																				

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Exhibit R-3 Cost Analysis (page 1)										DATE: <b>February 2005</b>		
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-6</b>				PROGRAM ELEMENT 0804758N - Joint Information Operations Integrated Test Range In				PROJECT NUMBER AND NAME 3152 - Joint Integrated Information Operations Range (JIOR)				
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				3.468	10/05	3.148	10/06	Continuing	Continuing	0.000
Ancillary Hardware Development	Various	IO Ranges				0.564	10/05	0.507	10/06	Continuing	Continuing	0.000
Systems Engineering	Various	IO Ranges				1.230	10/05	1.050	10/06	Continuing	Continuing	0.000
Licenses	Various	USJFCOM				0.098	10/05	0.050	10/06	Continuing	Continuing	0.000
Tooling											0.000	0.000
GFE											0.000	0.000
Award Fees											0.000	0.000
Subtotal Product Development			0.000	0.000		5.360		4.755		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.												
Development Support	Various	IO Ranges				0.200	10/05	0.225	10/06		0.425	0.000
Software Development	Various	IO Ranges				1.800	10/05	1.845	10/06	Continuing	Continuing	0.000
Training Development	Various	IO Ranges				0.400	10/05	0.415	10/06	Continuing	Continuing	0.000
Integrated Logistics Support	Various	IO Ranges				0.120	10/05	0.130	10/06	Continuing	Continuing	0.000
Configuration Management	Various	USJFCOM				0.080	10/05	0.081	10/06	Continuing	Continuing	0.000
Event Planning	Various	USJFCOM				0.370	10/05	0.532	10/06	Continuing	Continuing	0.000
Event Execution	Various	USJFCOM				0.620	10/05	1.249	10/06	Continuing	Continuing	0.000
Subtotal Support			0.000	0.000		3.590		4.477		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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Exhibit R-3 Cost Analysis (page 2)										DATE: <b>February 2005</b>		
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NUMBER AND NAME						
<b>RDT&amp;E, N / BA-6</b>			0804758N - Joint Information Operations Integrated Test Range Infrastru			3152 - Joint Integrated Information Operations Range (JIOR)						
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
Subtotal T&E			0.000	0.000		0.000		0.000			0.000	0.000
Remarks:												
Contractor Engineering Support	Various	USJFCOM				0.615	10/05	0.625	10/06	Continuing	Continuing	0.000
Government Engineering Support	Various	USJFCOM				0.360	10/05	0.368	10/06	Continuing	Continuing	0.000
Program Management Support										0.000	0.000	0.000
Travel	Various	USJFCOM				0.075	10/05	0.075	10/06	Continuing	Continuing	0.000
Subtotal Management			0.000	0.000		1.050		1.068		0.000	2.118	0.000
Remarks:												
Total Cost			0.000	0.000		10.000		10.300		Continuing	Continuing	0.000
Remarks:												