

**UNCLASSIFIED**  
**FISCAL (FY) 2005 DESCRIPTIVE SUMMARIES**

<b>Exhibit R-2, RDT&amp;E Budget Item Justification</b>						Date February 2004																													
Appropriation/Budget Activity RDT&E, Defense-wide BA 3			R-1 Item Nomenclature: Distributed Learning Advanced Technology Development, 0603769SE																																
Cost (\$ in millions)	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009																												
Total PE Cost	15.230	13.611	13.756	13.695	13.691	14.111	14.416																												
Project 1: Advanced Distributed Learning (ADL)	15.230	13.611	13.756	13.695	13.691	14.111	14.416																												
<p><b>A. Mission Description and Budget Item Justification:</b> The Department of Defense Human Resources Activity (DHRA) is a DoD-wide Field Activity chartered to support the Under Secretary of Defense for Personnel and Readiness (USD(P&amp;R)).</p> <p>Advanced Distributed Learning (ADL): This program supports development of specifications, guidelines, and software for ADL as well as proof of principle demonstrations. ADL makes learning and performance support available anytime, anywhere. The ADL design concept encompasses the following: reusability of sharable content objects, tailoring instruction to the learner, interoperability of learning content and management systems, and the ability of content to migrate content to different hardware and software applications using the Sharable Content Object Reference Model (SCORM) standard. Numerous agencies, such as the IRS and CDC, are taking advantage of the standard, as well as industry and academia. Policy oversight of ADL is managed by the Office of the Deputy Under Secretary of Defense/Readiness (Readiness and Training Policy and Programs).</p> <p><b>B. Program Change Summary:</b> (Show total funding, schedule, and technical changes for the program element that have occurred since the previous President's Budget Submission)</p> <table style="margin-left: 40px; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;"><u>FY 2003</u></th> <th style="text-align: center;"><u>FY 2004</u></th> <th style="text-align: center;"><u>FY 2005</u></th> </tr> </thead> <tbody> <tr> <td>Previous President's Budget</td> <td style="text-align: center;">14.000</td> <td style="text-align: center;">13.757</td> <td style="text-align: center;">13.756</td> </tr> <tr> <td>Current President's Budget</td> <td style="text-align: center;">15.230</td> <td style="text-align: center;">13.611</td> <td style="text-align: center;">13.756</td> </tr> <tr> <td> Total Adjustments</td> <td style="text-align: center;"> +1.230</td> <td style="text-align: center;"> -0.146</td> <td></td> </tr> <tr> <td>    B/T Reprogrammings</td> <td style="text-align: center;">-1.000</td> <td></td> <td></td> </tr> <tr> <td>    Transfers</td> <td style="text-align: center;">+2.230</td> <td></td> <td></td> </tr> <tr> <td>    Program Adjustments</td> <td></td> <td style="text-align: center;">-0.146</td> <td></td> </tr> </tbody> </table> <p>Change Summary Explanation: FY 2003 reflects departmental transfer of the Advanced Distributed Learning Initiative from OUSD (AT&amp;L) to DHRA (reflecting an additional transfer (+\$2.230 million) post prior President's Budget; and (-\$1.000 million) for an internal below threshold transfer from DHRA to the DLA Log R&amp;D PE 0603712S. FY 2004 reflects (\$-0.146 million) pro-ration of FY 2004 Appropriations Act adjustments for RDT&amp;E, DW savings from management improvements per Section 8094 (-0.029 million); and savings from outsourcing management efficiencies, and economic assumptions per Section 8126 (\$0.117 million)</p> <p><b>C. Other Program Funding Summary:</b> N/A</p>									<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	Previous President's Budget	14.000	13.757	13.756	Current President's Budget	15.230	13.611	13.756	 Total Adjustments	 +1.230	 -0.146		B/T Reprogrammings	-1.000			Transfers	+2.230			Program Adjustments		-0.146	
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<b>Exhibit R-2a, RDT&amp;E Project Justification</b>							Date: February 2004
Appropriation/Budget Activity RDT&E, Defense-wide BA 3				Project Name and Number – Advanced Distributed Learning (ADL), Project 1			
Cost (\$ in millions)	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Project 1: ADL	15.230	13.611	13.756	13.695	13.691	14.111	14.416
RDT&E Articles Quantity – N/A							
<p><b>A. Mission Description and Budget Item Justification:</b> This program supports development of specifications, guidelines, and software for Advanced Distributed Learning (ADL) as well as proof of principle demonstrations. ADL makes learning and performance support available anytime, anywhere. The ADL design concept encompasses the following: reusability of sharable content objects, tailoring instruction to the learner, interoperability of learning content and management systems, and the ability of content to migrate to different hardware and software applications using the Sharable Content Object Reference Model (SCORM) standard. Numerous agencies, such as the IRS and CDC, are taking advantage of the standard, as well as industry and academia. Policy oversight of ADL is managed by the Office of the Deputy Under Secretary of Defense/Readiness (Readiness and Training Policy and Programs).</p>							
<b>B. Accomplishments/Planned Program:</b>							
	FY 2003	FY 2004	FY 2005				
Accomplishment/ Effort/Subtotal Cost	15.230	13.611	13.756				
RDT&E Articles Quantity – N/A							
<ul style="list-style-type: none"> <li>• Completion of the SCORM 2004 interoperability standard, which is being widely adopted globally</li> <li>• Convene a national “Plugfest” for no-fault interoperability testing in Pittsburgh, PA</li> <li>• Application of ADL as key technology enabler for training transformation</li> <li>• Establish specifications/standards for content object repositories in coordination with the Library of Congress</li> <li>• Test the use of interoperable content on wireless, hand held devices as a job performance aid</li> </ul>							
<b>C. Other Program Funding Summary:</b> N/A							