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Exhibit R-2, RDT&E Budget Item Justification								Date: February 2003	
APPROPRIATION/BUDGET ACTIVITY RDT&E – Defense Wide/Budget Activity: 4					R-1 ITEM NOMENCLATURE Joint Systems Education & Training – PE: 0604722D8Z				
COST (\$ In Millions)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	Cost to Complete	Total Cost
Total Program Element (PE) Cost	10.000	.986	0	0	0	0	0	0	0

(U) A. Mission Description and Budget Item Justification

(U) BRIEF DESCRIPTION OF ELEMENT: The program element supports the development of training and education prototypes for advanced distributed learning for all of the Services. Its broad, interservice use will establish a foundation for collaborative initiatives to jointly develop prototype content and the learning environment for Advanced Distributed Learning (ADL). These prototypes will leverage successful research and development in training and education. Policy oversight of this program is managed by ODUSD-R/R&T. The FY03 funding is directed by Congress to the Academic ADL Co-Laboratory at the University of Wisconsin. Note: Additional ADL work has shifted in FY2003 to PE: 0603769D8Z.

PROGRAM ACCOMPLISHMENTS AND PLANS:

(U) FY 2002 Accomplishments:

- Developed SCORM version 1.3 for interoperable learning content.
- Completed analysis and lessons learned from 26 ADL prototypes.
- Published guidelines for instructional designers.

(U) FY 2003 Plans:

- Develop learning objects for application in military, safety, and medical areas.
- Develop use cases for standards specifications in automatic learning object assembly.
- Sponsor a national strategic summit on learning object repositories in academia.

(U) B. Program Change Summary

	<u>2002</u>	<u>2003</u>	<u>2004</u>
FY 2003 President's Budget	0	0	0
FY 2004 President's Budget	0	0	0

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Congressional Directed Transfer

Adjustments to Appropriated Value/Transferred Amount	0	0	0
a. Congressional realignment to PE0604722D	10.000	.986	0
b. Congressionally Directed Undistributed Reductions	0	0	0
c. Other (DOD Program Changes)	0	0	0
Current Budget Submit/President's Budget	10.000	.986	0

(U) Funding: The change in FY-2003 is the result of congressional realignments or adjustments

(U) Schedule: Not Applicable

(U) Technical: Not Applicable

(U) C. Other Program Funding Summary: Not Applicable

(U) D. Execution: Labs/Centers: \$986K for Academic ADL Co-Laboratory, University of Wisconsin

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Exhibit R-2a, RDT&E Project Justification							February 2003	
Appropriation/Budget Activity RDT&E/Budget Activity 4				Project Name and Number 604722D8Z, Joint Systems Education & Training				
Cost (\$ in millions)	FY 02	FY 03	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09
Joint Systems Educ & Trng	10.000	.986	0	0	0	0	0	0
RDT&E Articles Quantity * (as applicable)								
<p>A. Mission Description and Budget Item Justification: The program element supports the development of training and education prototypes for advanced distributed learning (ADL) for all of the Services. It's broad, interservice use will establish a foundation for collaborative initiatives, including academia, to develop content and the learning environment for ADL. This program meets military requirements for interoperable learning content per the DEPSECDEF Training Transformation Strategic Plan.</p> <p>B. Accomplishments/Planned Program Previous development of 26 ADL prototypes across all services. Development of a reference model for interoperable learning content. Development of test conformance software. Initiation of conformance test centers in the military and academia.</p>								
	FY 02	FY 03	FY 04	FY 05				
Accomplishment/ Effort/Subtotal Cost	10.000	.986	0	0				
This planned program will develop learning content and a reference model that allows the interoperability of content for the thousands of courses developed by the services and DoD component for electronic distributed learning.								
<p>C. Other Program Funding Summary: No additional procurement funds or military construction funds are related to this program element.</p> <p>D. Acquisition Strategy. None required.</p> <p>E. Major Performers: In FY03, University of Wisconsin for development of learning objects and automatic object assembly. In FY02, Carnegie Mellon University (Learning Systems Architecture Laboratory: Specifications for content navigation and sequencing, question-test interoperability, U.S. Army Simulation and Training Instrumentation Command (Joint ADL Co-Lab: Funding of prototypes across the services, development of acquisition guidelines, evaluations of prototypes), Institute for Defense Analyses (ADL Co-Lab: Program management, research and analysis on training effectiveness, linking to simulation standards), Concurrent Technologies Corporation (ADL Co-Lab: Development of reference model, development of conformance testing software, extension of standard to intelligent tutoring systems, workshops on usage of model).</p>								