

**UNCLASSIFIED**  
**FISCAL YEAR (FY) 2006/FY 2007 BUDGET ESTIMATES**

<b>Exhibit R-2, RDT&amp;E Budget Item Justification</b>							Date: February 2005	
Appropriation/Budget Activity RDT&E, Defense-wide BA # 06				R-1 Item Nomenclature: DEFENSE TECHNOLOGY ANALYSIS ( DTA) 0605798S				
Cost (\$ in millions)	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Total PE Cost	5.148	7.126	5.393	5.498	5.621	5.722	5.838	5.957
Project 1: DoD Technology Analysis Office (DTAO)	4.399	4.391	4.665	4.780	4.910	5.016	5.122	5.234
Project 2: Technology Integration	0.749	0.740	0.728	0.718	0.711	0.706	0.716	0.723
Project 3: Commodity Management System Consolidation (CMSC)	-----	1.995	-----	-----	-----	-----	-----	-----
<p><b>A. Mission Description and Budget Item Justification:</b> This program element provides mission support to the Office of the Deputy Under Secretary of Defense (Science and Technology) (ODUSD(S&amp;T)). It covers a wide range of studies and analyses in support of the RDT&amp;E program and impacts the Department's decision to fund efforts to sustain operations for general R&amp;D.</p> <p>Project 1: The Defense Technology Analysis Office is responsible for providing engineering, scientific, and analytical support to the ODUSD(S&amp;T) in its responsibility for direction, overall quality, and content of the Science and Technology (S&amp;T) program and ensuring that the technology being developed is affordable and minimizes systems development risk. S&amp;T is defined as consisting of Basic Research, Exploratory Development, and Advanced Technology.</p> <p>Project 2: Technology Integration (TI) activities advance international S&amp;T cooperation of specific projects of bilateral or multilateral interest. It provides the management support for U.S. participation in NATO's Research and Technology Organization (RTO) and "The Technical Cooperative Program" (TTCP). TI oversees, coordinates, and reviews RTO and TTCP activities in which the U.S. has an interest including ongoing and proposed collaborative programs, technical symposia and conferences, and standard operating procedures.</p> <p>Project 3: The Commodity Management System Consolidation (CMSC) and Integration team is charged with transitioning Commodity Systems to support the DOD Logistics Transformation Vision. This plan includes reducing response time, operational costs, and inventory and enhances customer satisfaction. To support this, the existing commodity management systems, in use by the Defense Logistics Agency (DLA), must migrate to a common operating environment, which utilizes shared data, and business rules that are accessible to DLA, its customers and its suppliers. Requirements include: 1) Development of an automated parts ordering tool allowing a technician working off an Interactive Electronic Technical Manual (IETM) to requisition parts interactively from the technical manual, (2) Perform a Business Case Analysis (BCA) to determine economic feasibility of the use of Freight on Board (FOB) origin contracts in the Distribution Planning and Management System (DPMS). (3) Research and perform digital (DVD) Conversion. 4) Other studies that will aid DLA in the transition to a paperless enterprise.</p>								

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Total PE Cost	5.148	7.126	5.393	5.498	5.621	5.722	5.838	5.957
Project 1: DoD Technology Analysis Office (DTAO)	4.399	4.391	4.665	4.780	4.910	5.016	5.122	5.234
Project 2: Technology Integration	0.749	0.740	0.728	0.718	0.711	0.706	0.716	0.723
Project 3: Commodity Management System Consolidation (CMSC)	-----	1.995	-----	-----	-----	-----	-----	-----
<b>B. Program Change Summary:</b>								
		<u>FY 04</u>	<u>FY 05</u>	<u>FY 06</u>	<u>FY 07</u>			
Previous PB 05		5.035	7.279	5.393	5.498			
Current PB 06		5.148	7.126	5.393	5.498			
Total Adjustments		.133	-0.153					
Congressional Adjustment								
Program Adjustment		.133	-0.153					
Change Summary Explanation:								
FY 05: Reflects OSD CIS adjustment of \$0.133 Million.								
FY 05: Reductions include: CAAS/FFRDC - \$0.087 Million, Management Improvement - \$0.022 Million, and Set Aside - \$0.044 Million								
<b>C. Other Program Funding Summary: N/A</b>								
<b>D. Acquisition Strategy. N/A</b>								

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Exhibit R-2a, RDT&E Project Justification							Date: February 2005	
Appropriation/Budget Activity RDT&E, Defense-wide BA 6				Project Name and Number – Defense Technology Analysis Office (DTAO), Project 1				
Cost (\$ in millions)	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11
Project 1 DTAO	4.399	4.391	4.665	4.780	4.910	5.016	5.122	5.234
RDT&E Articles Quantity - N/A								
<b>A. Mission Description and Budget Item Justification:</b>								
<p>This program element provides engineering, scientific and analytical support to the Office of the Deputy Under Secretary of Defense (Science and Technology) (ODUSD(S&amp;T)) in its responsibility for direction, overall quality, and content of the Science and Technology (S&amp;T) program and ensures that the technology being developed is affordable and minimizes system development risk. The primary purpose of this program element is to facilitate the development of the S&amp;T program and conduct assessments and analyses of the S&amp;T program to ensure maximum utilization of Research and Development funds to accomplish the overall objectives of the S&amp;T program. Funds are required for technical and analytical support, equipment, supplies, travel, and publications.</p>								
<b>B. Accomplishments/Planned Program</b>								
	FY 04	FY 05	FY 06	FY 07				
Accomplishment/ Effort/Subtotal Cost	4.399	4.391	4.665	4.780				
RDT&E Articles Quantity – N/A								
<p>FY 2004 Accomplishments: (4.286)</p> <ul style="list-style-type: none"> <li>• Provided engineering, scientific, analytical, and managerial support to the Office of the Deputy, Undersecretary of Defense (ODUSD) for Science and Technology (S&amp;T) in developing strategies and plans to exploit and develop technology. (0.350)</li> <li>• Provided engineering, scientific, analytical, and managerial support to the ODUSD(S&amp;T) in conducting analyses, developing policies, making recommendations, and developing guidance for science and technology plans and programs. (1.140)</li> <li>• Provided engineering, scientific, analytical, and managerial support to the ODUSD(S&amp;T) in reviewing proposed and approved science and technology programs and make recommendations to optimize effectiveness of the DoD investments in science and technology. (0.600)</li> <li>• Provided engineering, scientific, analytical, and managerial support to the ODUSD(S&amp;T) in oversight of science and technology issues and initiatives and responding to Congressional special interests. (2.329)</li> </ul>								

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Exhibit R-2a, RDT&E Project Justification							Date: February 2005	
Appropriation/Budget Activity RDT&E, Defense-wide BA 6				Project Name and Number – Defense Technology Analysis Office (DTAO), Project 1				
Cost (\$ in millions)	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11
Project 1 DTAO	4.399	4.391	4.665	4.780	4.910	5.016	5.122	5.234
RDT&E Articles Quantity - N/A								
		FY 04	FY 05	FY 06	FY 07			
Accomplishment/ Effort/Subtotal Cost		4.399	4.391	4.665	4.780			
RDT&E Articles Quantity – N/A								
<p><b>FY 2005 Plans: (4.391)</b></p> <ul style="list-style-type: none"> <li>• Provide engineering, scientific, analytical, and managerial support to the Office of the Deputy of Undersecretary of Defense (ODUSD) for Science and Technology (S&amp;T) in developing strategies and plans to exploit and develop technology. (0.350)</li> <li>• Provide engineering, scientific, analytical, and managerial support to the ODUSD(S&amp;T) in conducting analyses, developing policies, making recommendations, and developing guidance for science and technology plans and programs. (1.200)</li> <li>• Provide engineering, scientific, analytical, and managerial support to the ODUSD(S&amp;T) in reviewing proposed and approved science and technology programs and make recommendations to optimize effectiveness of the DoD investments in science and technology. (0.600)</li> <li>• Provide engineering, scientific, analytical, and managerial support to the ODUSD(S&amp;T) in oversight of science and technology issues and initiatives and responding to Congressional special interests. (2.241)</li> </ul> <p><b>FY 2006 Plans: (4.665)</b></p> <ul style="list-style-type: none"> <li>• Provide engineering, scientific, analytical, and managerial support to the ODUSD(S&amp;T) in developing strategies and plans to exploit and develop technology. (0.360)</li> <li>• Provide engineering, scientific, analytical, and managerial support to the ODUSD(S&amp;T) in conducting analyses, developing policies, making recommendations, and developing guidance for science and technology plans and programs. (1.300)</li> <li>• Provide engineering, scientific, analytical, and managerial support to the ODUSD(S&amp;T) in reviewing proposed and approved science and technology programs and make recommendations to optimize effectiveness of the DoD investments in science and technology. (0.650)</li> <li>• Provide engineering, scientific, analytical, and managerial support to the ODUSD(S&amp;T) in oversight of science and technology issues and initiatives and responding to Congressional special interests. (2.355)</li> </ul>								

**R-1 Shopping List – Item No. 137**

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Exhibit R-2a, RDT&E Project Justification							Date: February 2005	
Appropriation/Budget Activity RDT&E, Defense-wide BA 6				Project Name and Number – Defense Technology Analysis Office (DTAO), Project 1				
Cost (\$ in millions)	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11
Project #1 DTAO	4.399	4.391	4.665	4.780	4.910	5.016	5.122	5.234
RDT&E Articles Quantity - N/A								
		FY 04	FY 05	FY 06	FY 07			
Accomplishment/ Effort/Subtotal Cost		4.399	4.391	4.665	4.780			
RDT&E Articles Quantity – N/A								
<p><b>FY 2007 Plans: (4.780)</b></p> <ul style="list-style-type: none"> <li>• Provide engineering, scientific, analytical, and managerial support to the Office of the Deputy, Undersecretary of Defense (ODUSD) Science and Technology (S&amp;T) in developing strategies and plans to exploit and develop technology. (0.360)</li> <li>• Provide engineering, scientific, analytical, and managerial support to the ODUSD(S&amp;T) in conducting analyses, developing policies, making recommendations, and developing guidance for science and technology plans and programs. (1.350)</li> <li>• Provide engineering, scientific, analytical, and managerial support to the ODUSD(S&amp;T) in reviewing proposed and approved science and technology programs and make recommendations to optimize effectiveness of the DoD investments in science and technology. (0.700)</li> <li>• Provide engineering, scientific, analytical, and managerial support to the ODUSD(S&amp;T) in oversight of science and technology issues and initiatives and responding to Congressional special interests. (2.370)</li> </ul> <p><b>C. Other Program Funding Summary: N/A</b></p> <p><b>D. Acquisition Strategy: N/A</b></p> <p><b>E. Major Performers: N/A.</b> This project line funds small (\$100K-\$700K) technical support efforts. Performers and levels of effort vary among in-house/interdepartmental activities, FFRDCs, academia, and private industry.</p>								

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Exhibit R-2a, RDT&E Project Justification							Date: February 2005	
Appropriation/Budget Activity RDT&E, Defense-wide BA 6				Project Name and Number – Technology Integration, Project 2				
Cost (\$ in millions)	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Project 2 Technology Integration	0.749	0.740	0.728	0.718	0.711	0.706	0.716	0.723
RDT&E Articles Quantity - N/A								
<b>A. Mission Description and Budget Item Justification:</b>								
<p>#002. Technology Integration (TI) activities advance international science and technology (S&amp;T) cooperation of specific projects of bilateral or multilateral interest. It provides the management support for U.S. participation in NATO’s Research and Technology Organization (RTO) and “The Technical Cooperative Program” (TTCP). TI oversees, coordinates and reviews RTO and TTCP activities in which the U.S. has an interest including ongoing and proposed collaborative programs, technical symposia and conferences, and standard operating procedures. This effort will leverage Tri-Service S&amp;T dollars through new and ongoing international partnerships. TI also provides selective funding support for administration, travel, conferences, and technical evaluations related to RTO activities carried out by the Services and other organizations.</p>								
<b>B. Accomplishments/Planned Program</b>								
	FY 2004	FY 2005	FY 2006	FY 2007				
Accomplishment/ Effort/Subtotal Cost	0.749	0.740	0.728	0.718				
RDT&E Articles Quantity – N/A								
<p>FY 2004 Accomplishments: (0.749)            Through an international technology watch effort, identify ongoing and proposed S&amp;T efforts that could complement efforts or fill shortfalls in meeting U.S. S&amp;T requirements, objectives and goals. (0.335)</p> <ul style="list-style-type: none"> <li>• Fostered international bilateral and multilateral cooperative agreements in high value science &amp; technology areas with allies, nonaligned nations and former Soviet Block nations. Then establish data exchange agreements, engineer and scientist exchange program visits, international technology assessments and new cooperative programs. (0.224)</li> <li>• Sought opportunities for international cooperation in high priority S&amp;T. Conduct intradepartmental coordination to achieve goals as necessary. (0.190)</li> </ul> <p>FY 2005 Plans: (0.740)</p> <ul style="list-style-type: none"> <li>• Through an international technology watch effort, identify ongoing and proposed S&amp;T efforts that could complement efforts or fill shortfalls in meeting U.S. S&amp;T requirements, objectives and goals. (0.350)</li> <li>• Foster international bilateral and multilateral cooperative agreements in high value science &amp; technology areas with allies, nonaligned nations and former Soviet Block nations. Established data exchange agreements, engineer and scientist exchange program visits, international technology assessments and new cooperative programs. (0.200)</li> <li>• Seek international cooperation in high priority S&amp;T. Conduct intradepartmental coordination to achieve goals. (0.190)</li> </ul>								

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Exhibit R-2a, RDT&E Project Justification							Date: February 2005	
Appropriation/Budget Activity RDT&E, Defense-wide BA 6				Project Name and Number – Technology Integration, Project 2				
Cost (\$ in millions)	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Project 2 Technology Integration	0.749	0.740	0.728	0.718	0.711	0.706	0.716	0.723
RDT&E Articles Quantity - N/A								
<p>FY 2006 Plans: (0.728)</p> <ul style="list-style-type: none"> <li>• Through an international technology watch effort, identify ongoing and proposed S&amp;T efforts that could complement efforts or fill shortfalls in meeting U.S. S&amp;T requirements, objectives and goals. (0.350)</li> <li>• Foster international bilateral and multilateral cooperative agreements in high value science &amp; technology areas with allies, nonaligned nations and former Soviet Block nations. Establish data exchange agreements, engineer and scientist exchange program visits, international technology assessments and new cooperative programs. (0.178)</li> <li>• Seek opportunities for international cooperation in high priority S&amp;T. Conduct intradepartmental coordination to achieve goals as necessary. (0.200)</li> </ul> <p>FY 2007 Plans: (0.718)</p> <ul style="list-style-type: none"> <li>• Through an international technology watch effort, identify ongoing and proposed S&amp;T efforts that could complement efforts or fill shortfalls in meeting U.S. S&amp;T requirements, objectives and goals. (0.300)</li> <li>• Foster international bilateral and multilateral cooperative agreements in high value science &amp; technology areas with allies, nonaligned nations and former Soviet Block nations. Establish data exchange agreements, engineer and scientist exchange program visits, international technology assessments and new cooperative programs. (0.208)</li> <li>• Seek opportunities for international cooperation in high priority S&amp;T. Conduct intradepartmental coordination to achieve goals as necessary. (0.210)</li> </ul> <p><b>C. Other Program Funding Summary:</b> N/A</p> <p><b>D. Acquisition Strategy:</b> N/A</p> <p><b>E. Major Performers:</b> N/A. This project line funds small (\$100K-\$500K) technical support efforts. Performers and level of effort vary among in-house/interdepartmental activities, FFRDCs, academia, and private industry.</p>								

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Appropriation/Budget Activity RDT&E, Defense-wide BA 6				Project Name and Number -- Commodity Management System Consolidation (CMSC), Project 3				
Cost (\$ in millions)	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Project 3 CMSC	0	1.995	0	0	0	0	0	0
RDT&E Articles Quantity - N/A								
<b>A. Mission Description and Budget Item Justification:</b>								
<p>The Commodity Management System Consolidation (CMSC) and Integration team is charged with transitioning Commodity Systems to support the DOD Logistics Transformation Vision. This plan includes reducing response time, operational cost, and inventory, and enhancing customer satisfaction. To support this, the existing commodity management systems, in use by the Defense Logistics Agency (DLA), must migrate to a common operating environment, which utilizes shared data, and business rules that are accessible to DLA, its customers and its suppliers. Requirements include: 1) Development of an automated parts ordering tool allowing a technician working off an Interactive Electronic Technical Manual (IETM) to requisition parts interactively from the technical manual, (2) Perform a Business Case Analysis (BCA) to determine economic feasibility of the use of Freight on Board (FOB) origin contracts in the Distribution Planning and Management System (DPMS). (3) Research and perform digital (DVD) Conversion. 4) Other studies that will aid DLA in the transition to a paperless enterprise.</p>								
<b>B. Accomplishments/Planned Program</b>								
	FY 04		FY 05		FY 06		FY 07	
Accomplishment/ Effort/Subtotal Cost	0		1.995		0		0	
RDT&E Articles Quantity - N/A								
<p>FY2005 Plans:</p> <ul style="list-style-type: none"> <li>• Develop Ordering "Leave-in Place" Prototype for the Army (.838 million)</li> <li>• Expand Ordering "Leave-in-Place" Prototype for the Air Force (.400 million)</li> <li>• Expand Knowledge Management Capabilities (\$0.357 million)</li> <li>• Expand prototype for DVD Multi-Media Laboratory project (.400 million)</li> </ul>								