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**Department of Defense  
Fiscal Year (FY) 2012 Budget Estimates**

February 2011



**Defense Technical Information Center**

*Justification Book Volume 5*

***Research, Development, Test & Evaluation, Defense-Wide***

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Defense Technical Information Center • President's Budget FY 2012 • RDT&E Program

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Defense-Wide  
 FY 2012 President's Budget  
 Exhibit R-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

02 Feb 2011

Summary Recap of Budget Activities	FY 2010 (Base & OCO)	FY 2011 Base Request with CR Adj*	FY 2011 OCO Request with CR Adj*	FY 2011 Total Request with CR Adj*	FY 2011 Annualized CR Base**	FY 2011 Annualized CR OCO**	FY 2011 Annualized CR Total**
RDT&E Management Support	49,205	61,054		61,054	60,946		60,946
Total Research, Development, Test & Evaluation	49,205	61,054		61,054	60,946		60,946
 Summary Recap of FYDP Programs							
Research and Development	49,205	61,054		61,054	60,946		60,946
Total Research, Development, Test & Evaluation	49,205	61,054		61,054	60,946		60,946

R-1P: FY 2012 President's Budget (Published Official Position With FY 2011 CR Adjustments), as of February 2, 2011 at 16:13:22

\* Reflects the FY 2011 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

\*\* Adjusts each budget line included in the FY 2011 President's Budget request proportionally to match the Annualized Continuing Resolution funding level for each appropriation.

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Defense-Wide  
FY 2012 President's Budget  
Exhibit R-1 FY 2012 President's Budget  
Total Obligational Authority  
(Dollars in Thousands)

02 Feb 2011

<u>Summary Recap of Budget Activities</u>	<u>FY 2012 Base</u>	<u>FY 2012 OCO</u>	<u>FY 2012 Total</u>
RDT&E Management Support	56,269		56,269
Total Research, Development, Test & Evaluation	56,269		56,269
<u>Summary Recap of FYDP Programs</u>			
Research and Development	56,269		56,269
Total Research, Development, Test & Evaluation	56,269		56,269

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02 Feb 2011

Appropriation	FY 2010 (Base & OCO)	FY 2011 Base Request with CR Adj*	FY 2011 OCO Request with CR Adj*	FY 2011 Total Request with CR Adj*	FY 2011 Annualized CR Base**	FY 2011 Annualized CR OCO**	FY 2011 Annualized CR Total**
Defense Technical Information Center	49,205	61,054		61,054	60,946		60,946
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<u>Appropriation</u>	<u>FY 2012</u> <u>Base</u>	<u>FY 2012</u> <u>OCO</u>	<u>FY 2012</u> <u>Total</u>
Defense Technical Information Center	56,269		56,269
Total Research, Development, Test & Evaluation	56,269		56,269

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Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Element Number	Program Item	Act	FY 2010 (Base & OCO)	FY 2011 Base Request with CR Adj*	FY 2011 OCO Request with CR Adj*	FY 2011 Total Request with CR Adj*	FY 2011 Annualized CR Base**	FY 2011 Annualized CR OCO**	FY 2011 Annualized CR Total**	S e c
163	0605801KA	Defense Technical Information Center (DTIC)	06	49,205	61,054		61,054	60,946		60,946	U
		RDT&E Management Support		49,205	61,054		61,054	60,946		60,946	
Total Research, Development, Test & Eval, DW				49,205	61,054		61,054	60,946		60,946	

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Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2012 Base	FY 2012 OCO	FY 2012 Total	Se
163	0605801KA	Defense Technical Information Center (DTIC)	06	56,269		56,269	U
		RDT&E Management Support		56,269		56,269	
Total Research, Development, Test & Eval, DW				56,269		56,269	

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Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2012 Base	FY 2012 OCO	FY 2012 Total	Se
163	0605801KA	Defense Technical Information Center (DTIC)	06	56,269		56,269	U
		RDT&E Management Support		56,269		56,269	
Total Defense Technical Information Center				56,269		56,269	

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Defense Technical Information Center • President's Budget FY 2012 • RDT&E Program

**Program Element Table of Contents (by Budget Activity then Line Item Number)**

*Budget Activity 06: RDT&E Management Support*  
*Appropriation 0400: Research, Development, Test & Evaluation, Defense-Wide*

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<b>Line Item</b>	<b>Budget Activity</b>	<b>Program Element Number</b>	<b>Program Element Title</b>	<b>Page</b>
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Defense Technical Information Center • President's Budget FY 2012 • RDT&E Program

**Program Element Table of Contents (Alphabetically by Program Element Title)**

<b>Program Element Title</b>	<b>Program Element Number</b>	<b>Line Item</b>	<b>Budget Activity</b>	<b>Page</b>
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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2012 Defense Technical Information Center **DATE:** February 2011

<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605801KA: <i>Defense Technical Information Center</i>
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COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
Total Program Element	49.205	61.054	56.269	-	56.269	56.015	55.699	55.484	54.455	Continuing	Continuing
001: <i>Defense Technical Information Center</i>	44.391	56.240	49.216	-	49.216	48.962	48.646	48.431	47.402	Continuing	Continuing
002: <i>Information Analysis Centers</i>	4.814	4.814	7.053	-	7.053	7.053	7.053	7.053	7.053	Continuing	Continuing

**A. Mission Description and Budget Item Justification**

The Defense Technical Information Center (DTIC) is the hub of DoD Scientific and Technical Information interchanges, empowering innovators with greater efficiency, effectiveness, and agility by accelerating the delivery of warfighting technology. Located at Fort Belvoir, Virginia, DTIC leverages DoD's substantial investment in scientific and technical research and development by facilitating the transfer of scientific, technical and program information throughout the national defense community. Employing efficient information organization, discovery, and delivery processes, DTIC reduces research costs, supports effective acquisition decision-making and ultimately improves the technological superiority of the American warfighter. DTIC develops and maintains centralized information systems that collect, process, retrieve, and disseminate scientific and technical (S&T) information. By combining advanced knowledge management techniques with new information technologies, DTIC serves as the Department's agile information provider, delivering innovative discovery, collaboration and analysis products and services that support DoD program managers, acquisition professionals, warfighters, scientists, and engineers, as well as other government agencies, US allies, and DoD's academic and private sector partners.

Recent innovative products and services include:

- "DoDTechipedia Limited and Classified Wikis" - The limited-access wiki supports collaborative research and knowledge sharing within the DoD and throughout the Federal research and acquisitions communities. Launched October 1, 2008, it currently serves over 10,500 registered users and grows daily. The classified wiki also supports capability gap discussions in a more restricted environment.
- "DefenseSolutions.gov Website," - This public-access Website solicits breakthrough technology ideas from non-traditional technology providers and is the third tool in the DoDTechipedia Suite of Services. The first solicitation on battlefield forensics was launched in 2009 and produced several ideas of interest. Both the Limited Wiki and DefenseSolutions.gov have been featured on the White House Innovations Gallery and selected for the 2009 Government Computer News Outstanding Information Technology Award.
- "DTIC Online Access Controlled and Classified Interfaces," - The recently launched Access Controlled interface and the newly designed Classified version of the DTIC Online customer interface provide users one-stop authentication and searching of DTIC's access controlled resources and classified resources.
- "Aristotle" - Recently implemented in live production at DTIC, and developed by Air Force Research Laboratory (AFRL), Aristotle is a limited access relationship discovery tool; it provides users with the ability to discover where current research is being conducted, review completed project outcomes, and identify subject matter experts. Aristotle is an additional tool in the DoDTechipedia Suite of Services. Aristotle has been featured on the White House Innovations Gallery.

Approximately 30,000 organizations and eligible individuals are active users registered to access DTIC's information. DTIC's public and access controlled Websites average 44 million page requests per month. DTIC develops and hosts over 100 Websites, collaboration tools and other applications for DoD Component organizations

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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2012 Defense Technical Information Center **DATE:** February 2011

<b>APPROPRIATION/BUDGET ACTIVITY</b>	<b>R-1 ITEM NOMENCLATURE</b>
0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i>	PE 0605801KA: <i>Defense Technical Information Center</i>
BA 6: <i>RDT&amp;E Management Support</i>	

including the Joint Chiefs of Staff, the Director, Defense Research and Engineering (DDR&E), Defense Logistics Agency (DLA) several Combatant Commands, and the Federal Voting Assistance Program. The Information Analysis Center (IAC) Program Office at DTIC provides core funding, management and oversight for 10 IACs. The IACs are chartered by DoD to collect, analyze, and disseminate worldwide scientific and technical information in specialized fields such as information assurance, chemical/biological defense, and weapons systems technology. IACs support the acquisition community, prevent unnecessary duplication of research and promote standardization of research methods and processes.

This Program Element (PE) supports DTIC mission operations, to include four core integrated functions: Research Support & Library Repository, Web Services & Hosting, Collaboration, and Information Analysis Centers (IACs). Mission funding provides for salaries and benefits of government civilian personnel assigned to DTIC; training, professional development, and travel for DTIC personnel; facility-related requirements; support agreements for Defense Finance and Accounting Service (DFAS) financial activities and Human Resource (HR) services, Defense Information Services Agency (DISA) communications support; annual maintenance and licensing requirements; supplies, equipment, Hardware/Software; and support contracts for Information Technology services, Defense Agencies Initiative (DAI) system integration, and Chief Financial Officer (CFO) Act compliance efforts.

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012 Base</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>
Previous President's Budget	49.205	61.054	61.677	-	61.677
Current President's Budget	49.205	61.054	56.269	-	56.269
Total Adjustments	-	-	-5.408	-	-5.408
• Congressional General Reductions					
• Congressional Directed Reductions					
• Congressional Rescissions	-	-			
• Congressional Adds					
• Congressional Directed Transfers					
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Improving DoD Business Operations	-	-	-1.000	-	-1.000
• DoD Efficiency Initiatives	-	-	-3.270	-	-3.270
• Economic Assumptions	-	-	-1.067	-	-1.067
• Other Program Changes	-	-	-0.071	-	-0.071

**Change Summary Explanation**

FY 2012 Total Adjustments (-\$5.408 Million)

1. Improving DoD Business Operations (-\$1.0 Million): This reduction is in compliance with the Department's efficiency effort to reduce overhead, administrative support, and support activities. The reduction reflects a downsizing of planned contract support activities in areas such Information Technology services, Human Resources, etc.

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0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	PE 0605801KA: <i>Defense Technical Information Center</i>

2. Department of Defense Efficiency Initiatives (-\$3.270 Million): This reduction is in compliance with the Secretary's initiative to reduce duplication, overhead, and excess across the Department. This reduction represents the savings generated from the DTIC program as a result of the following actions:
- Elimination of Information and Technology Directorate, eliminating redundant investigation and development activities.
  - The centralization of customer outreach and support functions at DTIC Headquarters, eliminating four regional offices (located in CA, MA, NM, and OH).
  - The elimination of the Digital Document and Computer Operations Branch, reducing document digitizing efforts from a full-time activity to an on-demand basis.
  - Reducing Reliance on DoD Service Support Contractors.
3. FY 2012 Economic Assumptions (-\$1.067 Million). Funding reduction reflects revised economic assumptions related to civilian personnel payroll (-\$1.031 Million), and non-payroll inflation factors (-\$.036 Million).
4. Other Program Changes (-\$.071 Million). Funding reduction reflects the use of more cost-effective management of Travel and Transportation resources, accomplished through the utilization of commercial rates.

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**Exhibit R-2A, RDT&E Project Justification:** PB 2012 Defense Technical Information Center **DATE:** February 2011

<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605801KA: <i>Defense Technical Information Center</i>	<b>PROJECT</b> 001: <i>Defense Technical Information Center</i>
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COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
001: <i>Defense Technical Information Center</i>	44.391	56.240	49.216	-	49.216	48.962	48.646	48.431	47.402	Continuing	Continuing
Quantity of RDT&E Articles											

**A. Mission Description and Budget Item Justification**

As the leader of the DoD's scientific and technical information (STINFO) program, DTIC has the responsibility to develop, coordinate and enable a strong STINFO program for the Director, Defense Research and Engineering (DDR&E) and the DoD Scientific & Technical (S&T) enterprise. In its role as the DoD STINFO Manager, DTIC sets and enables policy for scientific and technical information exchanges for the research and engineering community. DTIC's aim is to maximize the availability and use of technical information and products resulting from Defense-funded technical activities while ensuring restrictions in national security, export control, and intellectual property rights are safeguarded.

It is DoD policy to establish and maintain a coordinated and comprehensive program to document the results and outcome of DoD-sponsored and performed research and engineering (R&E) and studies, and to provide access to those efforts in an effective manner. In the 21st Century, supporting the S&T and RDT&E communities will require that DTIC integrate, more than ever, our collections with databases, information links, utilizing the latest information technology, whether in-house or outside of our Department, regardless of the source. DTIC's customers, from the individual researcher to the acquisition professional, will be able to quickly fuse information into the most complete picture needed in a matter of minutes to hours; not days to months.

DTIC accomplishes its mission to provide critical scientific, technical and related program information by performing the activities described in the three core integrated functions below:

1. **RESEARCH SUPPORT AND LIBRARY REPOSITORY.** This activity represents a world-class library with exceptional librarians capable of providing targeted research quickly. DTIC offers the STI community an authoritative source of information, including dissemination limitations availability of the material. DTIC is the information repository from which new technologies arise. Working with classification/declassification experts across the DoD, the U.S. Government and affiliates, DTIC obtains the latest document classification information. DTIC leads the DoD in the implementation of a new marking/protection scheme for unclassified sensitive information, now called Controlled Unclassified Information (CUI), and is exploring how these changes will affect all of our automated validation and registration systems.
2. **WEB SERVICES AND SITE HOSTING.** Within this activity, DTIC develops customized information solutions and hosts applications that support the DoD Components. The jointly developed information collection, collaboration and analysis projects facilitate components' goals to improve DoD acquisition decision-making, increase collaborative research and development efforts, facilitate business processes, and provide improved support for the warfighter. DTIC hosts over 100 public, limited and classified web-based information systems for the DoD Components. Customers include such organizations as: Joint Chief of Staff (JCS), Director, Defense Research & Engineering (DDR&E), Office of the Under Secretary of Defense (Comptroller) (OUSD(C)), Defense Logistics Agency (DLA), and the Combatant Commands. Notable web-hosting development efforts include the Federal Voter Assistance Program (FVAP), providing voter access to U.S. citizens across the world;

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2012 Defense Technical Information Center	<b>DATE:</b> February 2011
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<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605801KA: <i>Defense Technical Information Center</i>	<b>PROJECT</b> 001: <i>Defense Technical Information Center</i>
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the OSD-Comptroller's R-2 application, a Department-wide effort to standardize appropriated budget information for submission to Congress; and the Iraq Virtual Science Library (IVSL), which was transitioned to the Iraqi government in FY 2010.

3. COLLABORATION. DTIC is at the center of the Research & Engineering hub, connecting users and data in meaningful ways. Recognizing that information technology and information usage demands continually evolve, DTIC works within DoD and industry to leverage existing tools and pilot new capabilities and approaches to improve information discovery, analysis, and collaboration--connecting teams and people across the enterprise. To avoid duplication of efforts, DTIC partners with DoD and other federal government organizations to provide federated access to information resources and tools. As relevant research and engineering and S&T information is stored at organizations across the Department, DTIC will expand its collections, virtually, by helping users leverage remote collections. DTIC will work to federate access to users through identity management agreements, or by exploiting remote collections through search crawlers, abstracts, links, and other references. Traditionally, the R&E community has worked in small geographically clustered teams and then shared information broadly through publishing reports on completed work. Internet technologies have changed the paradigm. Web 2.0 collaboration and professional networking technologies bring scientific investigation and research and development to an inflection point. Small geographically collocated teams, with limited resources and unique perspectives, will combine with other teams around the globe, bringing a diversity of perspectives and experiences to bear on problems to develop new solutions quickly and with increased innovation. Collaboration tools have the additional opportunity for the solution provider to fully engage the warfighter and decision makers; allowing those working on the solution to connect with those presenting the challenge/problem. In partnership with the DDR&E Communities of Interest, such as Modeling & Simulation; Rapid Prototyping; High Performance Computing; Basic Research & laboratory programs; and Science, Technology, Engineering, and Mathematics (STEM); to name a few; DTIC continues to enhance our collaborative suite of services, complementing our core repositories with advanced search to empower users in the Defense community to quickly recognize where resources are being applied, expertise exists, the state of the art, and most importantly, the art of the possible, as decision makers at all levels work to field 75 percent solutions in the immediate term and 99 percent solutions over the long term.

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>
<p><b>Title:</b> Technical Information Center</p> <p><b>FY 2010 Accomplishments:</b></p> <ul style="list-style-type: none"> <li>- Continued to identify and acquire government information collections for dissemination and preservation in the DTIC technical report collection. The processing of Technical Reports increased by 19 percent during this period.</li> <li>- Worked with Independent Research &amp; Development (IR&amp;D) Office of the Secretary of Defense (OSD) and Service Program Managers to improve the collection and use of IR&amp;D data across the Department.</li> <li>- Coordinated and helped to formulate DoD Science &amp; Technology Information Program (STIP) policy and provide advice to DoD activities on policy interpretation and implementation.</li> <li>- Conducted ongoing basic operations encompassing input, digitization, creation of metadata, and storage of a range of information from publicly available to classified, including media conversion as needed to ensure interoperability; organizing, indexing and abstracting to aid retrieval; and downgrading/changing limitations of documents as requested by authorized agent.</li> <li>- Began development of a web-based interface for the Electronic Document Management System (EDMS), which processes and stores technical reports, and preserves the legacy collection; change from TIFF-based processing to PDF.</li> <li>- Continued to monitor customers' ongoing eligibility for access to DTIC's array of information products.</li> </ul>	44.391	56.240	49.216

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2012 Defense Technical Information Center		<b>DATE:</b> February 2011
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>
<ul style="list-style-type: none"> <li>- Continued to develop information products and services that will enhance dissemination of DoD Research &amp; Engineering (R&amp;E) information.</li> <li>- Continued to monitor the classification and distribution limitations of R&amp;E documents for official downgrades, to facilitate dissemination to the public when permitted.</li> <li>- Conducted outreach program focused on the Combatant Commands, providing research of access controlled and classified resources and offering customized training and reference support for military exercises. Provided COCOMs direct support in the completion of the 2010 Science &amp; Technology Integrated Priority Lists (STIPLs) responses.</li> <li>- Provided content for the DoDTechipedia wiki to promote collaboration and information sharing among the Science and Technology (S&amp;T) community.</li> <li>- Successfully accomplished the FY 2010 implementation of the Defense Agencies Initiative (DAI) system throughout the DTIC enterprise. The DAI system provides a robust accounting tool in direct support of DTIC's business operations, valued at \$1.6B. The active collaboration with key business partners, to include the Business Transformation Agency and the Defense Finance and Accounting Service, proved pivotal to the successful culmination of this concerted, multi-year implementation effort.</li> <li>- Provided dedicated operational support and facilitated enhancement of the Federal Voter Assistance Program (FVAP) before and during the 2010 election cycle.</li> <li>- Served as active member of interagency and public/private S&amp;T information organizations, which share best practices and technologies, including areas such as intellectual property rights, use of metadata, distribution limitations and content management.</li> <li>- Served as information management consultants to DoD activities and other government agencies and repositories.</li> <li>- Continued to provide project management, application development, and maintenance services for Websites, wikis, Web 2.0 and other applications hosted at DTIC for the Director, Defense Research &amp; Engineering (DDR&amp;E), Joint Staff, Combatant Commands and other DoD Components.</li> <li>- Fully implemented Aristotle, a community building and analysis application that maps relationships between researchers, projects and reports, into live production. Began work on a roadmap for further actions including integration with DoDTechipedia Suite of Services.</li> <li>- Continued enhancement of the DoDTechipedia Suite of Services to include upgrading of Defense community wiki capabilities.</li> <li>- Developed and implemented a new simplified instant user registration for government Common Access Card (CAC) holders, enabling easier access to DTIC information.</li> <li>- Implemented the Defense Information Systems Agency (DISA) Global Content Delivery System (GCDS) for secure, worldwide information dissemination for DTIC's most critical websites.</li> <li>- Served as leader in organizations, e.g., advising re: intellectual property rights.</li> </ul>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2012 Defense Technical Information Center		<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605801KA: <i>Defense Technical Information Center</i>	<b>PROJECT</b> 001: <i>Defense Technical Information Center</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>
<p>- Negotiated foreign Memorandum of Understanding with the United Kingdom for expanded sharing and dissemination of S&amp;T Information to benefit U.S researchers.</p> <p><b>FY 2011 Plans:</b></p> <ul style="list-style-type: none"> <li>- Deploy a "Facebook"-like capability to serve as the gateway to all DTIC online products and services to enhance CoCOM collaboration, communication and effectiveness.</li> <li>- Continue to facilitate OSD Comptroller capabilities to automate the budget submission process utilizing Extensible Markup Language (XML) capabilities.</li> <li>- Implement improved search features to allow all DTIC customers to better search the DTIC collection repository at lower cost to the taxpayer.</li> <li>- Implement tools to allow DDR&amp;E to more effectively analyze and collect budget execution and R&amp;D budget information.</li> <li>- Continue to improve user registration tools, enhancing ease of access. Continue efforts to implement appliance search engines, as well as the initiation of full-text search capabilities of Technical Reports.</li> <li>- Continue to identify and acquire government information collections for dissemination and preservation in the DTIC technical report collection.</li> <li>- Work with the Independent Research &amp; Development (IR&amp;D) Office of the Secretary of Defense (OSD) and Service Program Managers to improve the collection and use of IR&amp;D data across the Department.</li> <li>- Coordinate and help to formulate DoD Science &amp; Technology Information Program (STIP) policy and provide advice to DoD activities on policy interpretation and implementation.</li> <li>- Fund ongoing basic operations encompassing input, digitization, creation of metadata, and storage of a range of information from publicly available to classified, including media conversion as needed to ensure interoperability; organizing, indexing and abstracting to aid retrieval; and downgrading/changing limitations of documents as requested by authorized agent.</li> <li>- Implement web-based interface for the Electronic Document Management System (EDMS) to process and store technical reports, and to preserve the legacy collection.</li> <li>- Continue to develop information products and services that will enhance dissemination of DoD Research &amp; Engineering (R&amp;E) information.</li> <li>- Explore and investigate the latest technology for connecting with our increasingly mobile end-users.</li> <li>- Prepare for the implementation of the new government-wide Controlled Unclassified Information (CUI) markings.</li> <li>- Increase outreach to Combatant Commands, providing research of access controlled and classified resources and offering customized training and reference support for military exercises.</li> <li>- Provide training and content for DoDTechipedia and Aristotle to promote collaboration and information sharing among the Science and Technology (S&amp;T) community.</li> </ul>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2012 Defense Technical Information Center	<b>DATE:</b> February 2011
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<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605801KA: <i>Defense Technical Information Center</i>	<b>PROJECT</b> 001: <i>Defense Technical Information Center</i>
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>
<ul style="list-style-type: none"> <li>- Continue implementation and integration of Defense Agencies Initiative (DAI) system upgrades, functional enhancements, software updates, and business process changes throughout both the DTIC enterprise and partnering organizations.</li> <li>- Serve as an active member of interagency and public/private S&amp;T information organizations, which share best practices and technologies, including areas such as intellectual property rights, use of metadata, distribution limitations and content management.</li> <li>- Implement the full version of DTIC Online Classified.</li> <li>- Continue to utilize the Defense Information Systems Agency (DISA) Global Content Delivery System (GCDS) for secure, worldwide information dissemination when DISA moves from a centrally funded to a fee-for-service cost model in FY 2011.</li> <li>- Evaluate alternatives and prepare a roadmap for the implementation of semantic search capabilities at DTIC.</li> <li>- Collaborate with DoD agencies and services to update DTIC issuances related to STIP.</li> <li>- Serve as leader in organizations; e.g., sharing best practices and data rights advice.</li> <li>- Process and disseminate information through foreign Memoranda of Understanding.</li> </ul> <p><b>FY 2012 Plans:</b></p> <ul style="list-style-type: none"> <li>- Continue to facilitate OSD Comptroller capabilities to implement Business Intelligence tools for budget analysis.</li> <li>- Continue to enhance search capabilities and move toward semantic search features.</li> <li>- Continue to identify and acquire government information collections for dissemination and preservation in the DTIC technical report collection.</li> <li>- Work with the Independent Research &amp; Development (IR&amp;D) Office of the Secretary of Defense (OSD) and Service Program Managers to improve the collection and use of IR&amp;D data across the Department.</li> <li>- Coordinate and help to formulate DoD Science &amp; Technology Information Program (STIP) policy and provide advice to DoD activities on policy interpretation and implementation.</li> <li>- Fund ongoing basic operations encompassing input, digitization, creation of metadata, and storage of a range of information from publicly available to classified, including media conversion as needed to ensure interoperability; organizing, indexing and abstracting to aid retrieval; and downgrading/changing limitations of documents as requested by authorized agent.</li> <li>- Continue to develop information products and services that will enhance dissemination of DoD Research &amp; Engineering (R&amp;E) information.</li> <li>- Coordinate access to DoD S&amp;T information and collaborative tools for users with approved mobile devices.</li> <li>- Continue to monitor the classification and distribution limitations of R&amp;E documents for official downgrades, to facilitate dissemination to the public when permitted.</li> <li>- Prepare for the implementation of the new government-wide Controlled Unclassified Information (CUI) markings.</li> <li>- Increase outreach to Combatant Commands, providing research of access controlled and classified resources and offering customized training and reference support for military exercises.</li> </ul>			

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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>
<ul style="list-style-type: none"> <li>- Provide training and content for DoDTechipedia and Aristotle to promote collaboration and information sharing among the Science and Technology (S&amp;T) community.</li> <li>- Continue implementation and integration of Defense Agencies Initiative (DAI) system upgrades, functional enhancements, software updates, and business process changes throughout both the DTIC enterprise and partnering organizations.</li> <li>- Serve as active member of interagency and public/private S&amp;T information organizations, which share best practices and technologies, including areas such as intellectual property rights, use of metadata, distribution limitations and content management.</li> <li>- Serve as information management consultants to DoD activities and other government agencies and repositories.</li> <li>- Continue to provide project management, application development, and maintenance services for Websites, wikis, Web 2.0 and other applications hosted at DTIC for the Director Defense Research &amp; Engineering (DDR&amp;E), Joint Staff, Combatant Commands and other DoD Components.</li> <li>- Develop and implement new Websites and applications that support the DoD Components' missions including databases, data collection interfaces, and additional tools for collaboration, information discovery, analysis and dissemination.</li> <li>- Fund DTIC's usage of the Defense Information Systems Agency (DISA) Global Content Delivery System (GCDS) for secure, worldwide information dissemination when DISA moves from a centrally funded to a fee-for-service cost model in FY 2011.</li> <li>- Serve as leader in interagency organizations, sharing advice re: metadata, etc.</li> <li>- Negotiate updated foreign Memoranda of Understanding to benefit information sharing.</li> <li>- Disseminate foreign STI as agreed through Memoranda of Understanding.</li> </ul>			
<b>Accomplishments/Planned Programs Subtotals</b>	44.391	56.240	49.216

**C. Other Program Funding Summary (\$ in Millions)**

N/A

**D. Acquisition Strategy**

N/A

**E. Performance Metrics**

- Collect Information: Total Science & Technology Information (STI) records collected and selected.
- Format/Process/Preserve Information: STI records formatted/processed/preserved.
- Disseminate Information: Total STI records disseminated.
- Customer Information Assistance: DTIC Code of Service Composite Score.
- Information Science and Technology: Percent of Research & Development (R&D) goals achieved.
- Component Information Support: Product delivery.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2012 Defense Technical Information Center		<b>DATE:</b> February 2011
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S&T Information Partnership Activities: Full Time Equivalent (FTE) utilization of STI partnerships.

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**Exhibit R-2A, RDT&E Project Justification:** PB 2012 Defense Technical Information Center **DATE:** February 2011

<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605801KA: <i>Defense Technical Information Center</i>	<b>PROJECT</b> 002: <i>Information Analysis Centers</i>
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COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
002: <i>Information Analysis Centers</i>	4.814	4.814	7.053	-	7.053	7.053	7.053	7.053	7.053	Continuing	Continuing
Quantity of RDT&E Articles											

**A. Mission Description and Budget Item Justification**

DoD Information Analysis Centers (IACs) serve as a vital resource in providing timely, relevant information directly when and where it is needed. IACs serve as a bridge between the Warfighter and the Acquisition community, providing essential technical analysis and data support to a diverse customer base, to include the Combatant Commands, the Office of the Secretary of Defense, Defense Agencies, and the Military Services. IACs actively partner and collaborate with Defense Research & Engineering focus groups and communities of interest in areas of specialized fields or specific technologies. IACs are formally established under DoD Instruction 3200.14 to create and maintain comprehensive knowledge analysis centers that include historical, technical, scientific, and other data and information collected worldwide. They are staffed with scientists, engineers and information specialists to provide research and analysis to customers with diverse, complex and challenging requirements. IAC operations directly support the warfighter, and play an ongoing and critical role in solving key COCOM operational issues such as cyber security, IED defeat and helicopter survivability. The IAC Program Management Office at DTIC performs contract acquisition, management, and operational support for IAC contract operations and deliverables. In a time of shrinking budgets and increasing responsibility, IACs are a valuable resource for accessing evaluated Scientific and Technical Information culled from efforts to solve new and historic challenges.

Direct IAC customer support activities, such as Technical Area Task (TAT) order processing, Basic Center Operations (BCO) support, Defense Finance and Accounting Service (DFAS) activities, contracting/acquisition related activities, etc., are funded in part through partnerships with the Defense Research & Engineering community and the annual collection of customer reimbursements for shared direct costs, in accordance with the IAC Reimbursable Review Board (IRRB) recommendations, with OSD-COMPT and Office of General Counsel concurrence. Annual IAC accomplishments and outcomes, or level of effort, are dependent on the level of participation and collaboration by the R&E community at large.

The funding change between FY 2011 and FY 2012 reflects IAC program support costs, such as payroll expenses, facility support, financial activities, information technology support, etc., that were previously aligned and reported in the 001: Defense Technical Information Center line. These support costs are now allocated to and reported in 002: Information Analysis Centers for FY12 and out.

**B. Accomplishments/Planned Programs (\$ in Millions)**

	FY 2010	FY 2011	FY 2012
<b>Title:</b> Information Analysis Centers	4.814	4.814	7.053
<b>FY 2010 Accomplishments:</b>			
- Promoted the involvement of appropriate IACs in DDR&E focus groups, committees, and Reliance 21 that align with the IAC areas of specialization.			
- Provided administrative oversight and operational management of DTIC-sponsored IACs.			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2012 Defense Technical Information Center	<b>DATE:</b> February 2011
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>
<p>- Provided basic core contract operations for 10 DoD IACs to collect, analyze, synthesize and disseminate worldwide Scientific and Technical Information (STI) in support of DoD's critical technologies and the warfighter.</p> <p>-- Provided in-depth analysis services and created STI products, in response to anticipated and real-time needs of the operational and technical community.</p> <p>-- Responded to ~7,000 technical inquiries; provided ~10 million STI results via IAC websites; captured ~100,000 STI records from new/on-going analysis tasks; and supported the exchange of information among members of the operational and technical communities.</p> <p>- Awarded Data and Analysis Center for Software (DACs) Basic Center Operations contract.</p> <p>-- Provided a contractor-operated knowledge center for gathering, developing, and disseminating STI within the software domain.</p> <p>- Awarded Software, Networks, Information Assurance, and Modeling &amp; Simulation (SNIM) Indefinite Delivery Indefinite Quantity Multiple Award Contract (IDIQ MAC).</p> <p>-- Established quick-response contract to compete emerging customer requirements among nine top companies operating in the SNIM domain; increased competition to provide a better value to IAC customers.</p> <p>- Managed and supported approximately 800 Technical Area Tasks (TATs) ordered by the DoD and non-DoD customers, with over \$1.6 Billion in customer funding for new/on-going efforts; provided program strategy and ensured alignment with Department goals/direction.</p> <p><b><i>FY 2011 Plans:</i></b></p> <p>- Continue actively contributing to achieving DDR&amp;E's four imperatives, while enhancing IAC partnership with DDR&amp;E on areas of common interest through participation in focus groups, communities of interest, and other Reliance 21 initiatives.</p> <p>- Provide administrative oversight and operational management of DTIC-sponsored IACs.</p> <p>- Provide basic core contract operations for 10 DoD IACs to collect, analyze, synthesize and disseminate worldwide Scientific and Technical Information (STI) in support of DoD's critical technologies and the warfighter.</p> <p>-- Provide in-depth analysis services and created STI products, in response to anticipated and real-time needs of the operational and technical community.</p> <p>-- Respond to technical inquiries; provide STI results via IAC websites; capture STI records from new/on-going analysis tasks; and support the exchange of information among members of the operational and technical communities.</p> <p>- Codify and begin executing acquisition strategy for Basic Center Operations contracts for the entire scope of the IAC Program, as well as new scope areas of emerging importance to the Department.</p> <p>- Establish and begin executing acquisition strategy for Homeland Defense and Defense Systems Indefinite Delivery Indefinite Quantity Multiple Award Contracts (IDIQ MAC) for Technical Area Tasks (TATs).</p>			

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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	FY 2010	FY 2011	FY 2012
<p>- Manage and support TATs ordered by the DoD and non-DoD customers, including all 10 Combatant Commands; provide program strategy and ensure alignment with Department goals/direction.</p> <p><b><i>FY 2012 Plans:</i></b></p> <ul style="list-style-type: none"> <li>- Continue actively contributing to achieving DDR&amp;E's four imperatives, while enhancing IAC partnership with DDR&amp;E on areas of common interest through participation in focus groups, communities of interest, and other Reliance 21 initiatives.</li> <li>- Provide administrative oversight and operational management of DTIC-sponsored IACs.</li> <li>- Provide basic core contract operations for 10 DoD IACs to collect, analyze, synthesize and disseminate worldwide Scientific and Technical Information (STI) in support of DoD's critical technologies and the warfighter.</li> <li>-- Provide in-depth analysis services and created STI products, in response to anticipated and real-time needs of the operational and technical community.</li> <li>-- Respond to technical inquiries; provide STI results via IAC websites; capture STI records from new/on-going analysis tasks; and support the exchange of information among members of the operational and technical communities.</li> <li>- Continue executing acquisition strategy for Basic Center Operations contracts for the entire scope of the IAC Program, as well as new scope areas of emerging importance to the Department; award contracts covering the scope of cyber security and homeland defense.</li> <li>- Continue executing acquisition strategy for Homeland Defense and Defense Systems Indefinite Delivery Indefinite Quantity Multiple Award Contracts (IDIQ MAC) for Technical Area Tasks (TATs), including releasing Request For Proposals for Homeland Defense IDIQ MAC for TATs.</li> <li>- Manage and support TATs ordered by the DoD and non-DoD customers, including all 10 Combatant Commands; provide program strategy and ensure alignment with Department goals/direction.</li> </ul>			
<b>Accomplishments/Planned Programs Subtotals</b>	4.814	4.814	7.053

**C. Other Program Funding Summary (\$ in Millions)**

N/A

**D. Acquisition Strategy**

N/A

**E. Performance Metrics**

Information Analysis Centers: Number of IAC technical inquiries.

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