Defense Technical Information Center

Fiscal Year (FY) 2010 Budget Estimates

May 2009

Research, Development, Test and Evaluation, Defense-Wide

Page Intentionally Blank

Defense Technical Information Center President's Budget FY 2010 RDT&E Program
Exhibit R-1
(Listing by Budget Activity, then Program Element Number)

BA# 6: RDT&E Management Support

				Cost ($ in Millions)			
Line#	BA#	PE#	PE Title	FY 2008	FY 2009	FY 2010	FY 2011
151	6	0605801KA	Defense Technical Information Center	51.488	52.553	54.411	
Total: RDT&E Management Support				51.488	52.553	54.411	

Exhibit R-2, PB 2010 Defense Technical Information Center **RDT&E Budget Item Justification**									**DATE:** May 2009	

APPROPRIATION/BUDGET ACTIVITY 0400 - Research, Development, Test & Evaluation, Defense-Wide/BA 6 - RDT&E Management Support					**R-1 ITEM NOMENCLATURE** PE 0605801KA Defense Technical Information Center					

COST ($ in Millions)	FY 2008 Actual	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	51.488	52.553	54.411						Continuing	Continuing
001: Defense Technical Information Center	51.488	52.553	54.411						Continuing	Continuing

A. Mission Description and Budget Item Justification

The Defense Technical Information Center (DTIC) facilitates the transfer of essential scientific, technical and program information throughout the national defense community. Employing economies of scale and rapid information transformation and delivery, DTIC leverages DoD's substantial investment in scientific and technical research and development, reduces costs, supports effective acquisition decision-making and ultimately improves the technological superiority of the American warfighter.

DTIC develops and maintains centralized information systems for the collection, processing, retrieval, and dissemination of scientific and technical (S&T) information. Combining advanced knowledge management techniques with new information technologies, DTIC provides innovative products and services that support DoD program managers, warfighters, scientists, and engineers, as well as other government agencies, US allies, and DoD's academic and private sector partners.

Recent DTIC innovations include:
- "DoDTechipedia," comprised of a limited-access wiki that supports collaborative research and knowledge sharing within the DoD and throughout the Federal research and acquisitions communities and "Defense Solutions," a public-access website for soliciting breakthrough technology ideas from non-traditional technology providers. A public-access version of the wiki is currently under development to expand collaboration with the public research and development sector.
- "DTIC Online," a one-stop customer interface integrating DTIC's unlimited access collections and other public S&T information resources. Both an Internet and a SIPRNET version of the unlimited information interface have been launched. Similar interfaces are under development for the access controlled and secret collections.

Approximately 20,000 organizations and eligible individuals are 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 for DoD Component organizations including the Joint Chiefs of Staff, the Director, Defense Research and Engineering (DDR&E) and several Combatant Commands. The DoD Information Analysis Centers (IAC) program provides core funding, management and oversight for 10 IACs. The IACs are chartered by DoD to collect, analyze, synthesize 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 methodologies and processes.

Exhibit R-2, PB 2010 Defense Technical Information Center **RDT&E Budget Item Justification**	**DATE:** May 2009
APPROPRIATION/BUDGET ACTIVITY 0400 - Research, Development, Test & Evaluation, Defense-Wide/BA 6 - RDT&E Management Support	**R-1 ITEM NOMENCLATURE** PE 0605801KA Defense Technical Information Center

The Program Element for DTIC is under Budget Activity 6, RDT&E Management Support, which provides for the support of operations required for general research and development and not allocable to specific missions.

B. Program Change Summary ($ in Millions)

	FY 2008	FY 2009	FY 2010	FY 2011
Previous President's Budget	51.188	52.696	54.674	
Current BES/President's Budget	51.488	52.553	54.411	
Total Adjustments	0.300	-0.143	-0.263	
Congressional Program Reductions				
Congressional Rescissions				
Total Congressional Increases				
Total Reprogrammings				
SBIR/STTR Transfer				
Reprogramming Initiative for the XML R-2 Project	0.300			
Program Adjustments		-0.143	-0.263	

Change Summary Explanation

Due to revised fiscal guidance.

Exhibit R-2a, PB 2010 Defense Technical Information Center **RDT&E Project Justification**									**DATE:** May 2009	

| APPROPRIATION/BUDGET ACTIVITY
0400 - Research, Development, Test & Evaluation, Defense-Wide/BA 6 - RDT&E Management Support | | | R-1 ITEM NOMENCLATURE
PE 0605801KA Defense Technical Information Center | | | | | | PROJECT NUMBER
001 | |

COST ($ in Millions)	FY 2008 Actual	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
001: Defense Technical Information Center	51.488	52.553	54.411						Continuing	Continuing

A. Mission Description and Budget Item Justification

DTIC accomplishes its mission to provide essential scientific, technical and related program information by performing the activities described in the eight core activity areas below:

A. COLLECT INFORMATION: Activities managing the acquisition and receipt of Scientific and Technical documents/summaries/records that meet the criteria for input to the Research & Engineering (R&E) databases that DTIC holds as a central DoD repository.

B. FORMAT/PROCESS/PRESERVE INFORMATION: Activities adding value to documents, processing them into DTIC's R&E databases and preserving their research accessibility for future use. These include: creating descriptive, subject, classification, and distribution limitation metadata for retrieval and dissemination purposes, converting paper, microform and digital information to online searchable formats, and preserving copies of digital documents off-site. Continuity of Operations functions are performed to back-up data and create processes for emergency off-site operations.

C. DISSEMINATE INFORMATION: Activities providing information to users in the DoD, the DoD contractor community, and the Federal Government and its contractor community. Activities include: developing and maintaining DTIC's R&E databases, registering users for the access-controlled databases and maintaining their current access permissions, providing information in various formats (online, digital or paper) to users.

D. CUSTOMER INFORMATION ASSISTANCE: Activities providing outreach, general marketing services and support to DTIC users. These include: directing and managing marketing services; assessing user satisfaction and needs; providing information reference, retrieval, referral, current awareness, document delivery, and billing services; managing Regional Offices; supporting DoD special programs; developing and providing user training programs and assistance publications; and conducting seminars, exhibits, briefings, user conferences, and conferences for special interest groups including Combatant Commanders and the Acquisition community.

E. INFORMATION SCIENCE AND TECHNOLOGY: Investigates, prototypes, evaluates, and implements advanced information science and knowledge management concepts/technology. Advises and partners with DoD and Federal organizations in applying these concepts and techniques. Conceptualizes, formulates, develops, tests, and evaluates new and enhanced Scientific and Technical Information (STI) systems, products, and services. Participates in information standards organizations, as well as interagency and professional information organizations.

Exhibit R-2a, PB 2010 Defense Technical Information Center **RDT&E Project Justification**		**DATE:** May 2009
APPROPRIATION/BUDGET ACTIVITY 0400 - Research, Development, Test & Evaluation, Defense-Wide/BA 6 - RDT&E Management Support	**R-1 ITEM NOMENCLATURE** PE 0605801KA Defense Technical Information Center	**PROJECT NUMBER** 001

F. COMPONENT INFORMATION SUPPORT (CIS): Develops customized information solutions and hosts applications that support the DoD Components. The joint information collection, collaboration and analysis projects facilitate component goals to improve DoD acquisition decision-making, increase collaborative research and development efforts, facilitate business processes, and provide improved support for the warfighter. CIS hosts over 100 public, limited and classified web-based information systems for the DoD Components.

G. INFORMATION ANALYSIS CENTER (IAC): Activities that contribute towards operation of the IAC Program Management Office (PMO) and management of the DoD chartered IACs, which provide technical and analytical services to DoD customers. The IAC PMO performs contract acquisition, management, and operational support for core IAC contract operations and deliverables. Core IAC contract services include: information collection and processing; information analysis and dissemination; and core contract management and support.

H. S&T INFORMATION PARTNERSHIP ACTIVITIES: As the central repository for DoD technical information, DTIC participates in interagency and professional information organizations, to learn new techniques and share processes, for interoperability and efficiency. Organizations include Commerce, Energy, NASA, National Library of Medicine, Defense, Interior Information (CENDI); International Council for Scientific and Technical Information (ICSTI); and NATO. DTIC also negotiates Memoranda of Understanding (MOUs) and foreign agreements for the exchange of STI and participates in standards organizations such as the International Standards Organization (ISO) and the National Information Standards Organization (NISO), as well as special programs for the University Research Initiative (URI) and the Small Business Innovation Research (SBIR).

As in previous budget submissions, the FY 2010 DTIC budget program is described and justified against a backdrop of these eight core functions. In the period since the FY 2009 President's Budget submission, the DTIC budget allocation process--which aligns DTIC's budgetary resources against the eight core functions--has improved considerably over methods utilized in support of previous submissions. The maturation of both the allocation software and data processing has resulted in an allocation methodology which currently provides greatly enhanced accuracy, fidelity, and level of detail. With this greater fidelity, the allocation of budgetary resources has been updated for Fiscal Years 2008 and 2009, reflecting a moderate re-baselining of the DTIC core functions within the top-line fiscal constraints.

B. Accomplishments/Planned Program ($ in Millions)	**FY 2008**	**FY 2009**	**FY 2010**	**FY 2011**
A. Collect Information	2.033	2.087	2.164	
FY 2008 Accomplishments: - Continued to identify and acquire government information collections for dissemination and preservation in the DTIC technical report collection. - Harvested documents online from Internet/NIPRNET/SIPRNET. - Advised and helped contributors to send R&E information to the central repository in digital form.				

Exhibit R-2a, PB 2010 Defense Technical Information Center **RDT&E Project Justification**		**DATE:** May 2009	
APPROPRIATION/BUDGET ACTIVITY 0400 - Research, Development, Test & Evaluation, Defense-Wide/BA 6 - RDT&E Management Support	**R-1 ITEM NOMENCLATURE** PE 0605801KA Defense Technical Information Center		**PROJECT NUMBER** 001

B. Accomplishments/Planned Program ($ in Millions)	FY 2008	FY 2009	FY 2010	FY 2011
- Continued outreach to potential Independent Research and Development (IR&D) contributors and users. - Worked with IR&D OSD and Service Program Managers to improve the collection and use of IR&D data across the Department. - Implemented Web Services to support report submission. - Coordinated and helped to formulate DoD Scientific and Technical Information Program (STIP) policy and provided advice to DoD activities on policy interpretation and implementation. *FY 2009 Plans:* - Continue to identify and acquire government information collections for dissemination and preservation in the DTIC technical report collection. - Harvest documents online from Internet/NIPRNET/SIPRNET. - Advise and help contributors to send R&E information to the central repository in digital form. - Continue outreach to potential IR&D contributors and users. - Work with IR&D OSD and Service Program Managers to improve the collection and use of IR&D data across the Department. - Coordinate and help to formulate DoD STIP policy and provide advice to DoD activities on policy interpretation and implementation. *FY 2010 Plans:* - Continue to identify and acquire government information collections for dissemination and preservation in the DTIC technical report collection. - Harvest documents online from Internet/NIPRNET/SIPRNET. - Advise and help contributors to send R&E information to the central repository in digital form. - Continue outreach to potential IR&D contributors and users. - Work with IR&D OSD and Service Program Managers to improve the collection and use of IR&D data across the Department. - Coordinate and help to formulate DoD STIP policy and provide advice to DoD activities on policy interpretation and implementation.				
B. Format/Process/Preserve Information	7.747	7.954	8.243	

Exhibit R-2a, PB 2010 Defense Technical Information Center **RDT&E Project Justification**		**DATE:** May 2009	
APPROPRIATION/BUDGET ACTIVITY 0400 - Research, Development, Test & Evaluation, Defense-Wide/BA 6 - RDT&E Management Support	**R-1 ITEM NOMENCLATURE** PE 0605801KA Defense Technical Information Center		**PROJECT NUMBER** 001

B. Accomplishments/Planned Program ($ in Millions)	FY 2008	FY 2009	FY 2010	FY 2011
FY 2008 Accomplishments: - Funded 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. - Processed and created online collection of IR&D submissions from industry. - Continued using bulk conversion scanner to convert remaining legacy microfiche documents to PDF and TIFF, and digitized microfilm. - Processed and created online collection of DoD current research summaries. - Initiated project to modernize Electronic Document Management System (EDMS) to provide a COTS web-based input workflow, support for additional storage and dissemination formats, and a more maintainable system to process and store technical reports, and to preserve the legacy collection; created functional requirements. - Added reporting capabilities to Enterprise Business Intelligence Environment (EBIE); continued to expand data marts. - Continued digitization of legacy Air Technical Index collection. *FY 2009 Plans:* - 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. - Process and create online collection of IR&D submissions from industry. - Continue using bulk conversion scanner to convert remaining legacy microfiche documents to PDF and TIFF, digitize microfilm; duplicate microfilm to preserve it until it can be digitized. - Process and create online collection of DoD current research summaries. - Continue project to modernize Electronic Document Management System (EDMS) to provide a COTS web-based input workflow, support for additional storage and dissemination formats, and a more maintainable system to process and store technical reports, and to preserve the legacy collection; determine approach; procure software; initiate development/coding/configuration.				

Exhibit R-2a, PB 2010 Defense Technical Information Center RDT&E Project Justification		DATE: May 2009	
APPROPRIATION/BUDGET ACTIVITY 0400 - Research, Development, Test & Evaluation, Defense-Wide/BA 6 - RDT&E Management Support	R-1 ITEM NOMENCLATURE PE 0605801KA Defense Technical Information Center		PROJECT NUMBER 001

B. Accomplishments/Planned Program ($ in Millions)	FY 2008	FY 2009	FY 2010	FY 2011
- Continue to replace the use of Microsoft Office products for various organizational reports with web based reporting, ad hoc queries, and online data analysis using state-of-the-art business intelligence tools. - Continue digitization of Air Technical Index until complete and data are incorporated into DTIC technical report resources. *FY 2010 Plans:* - 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. - Process and create online collection of IR&D submissions from industry. - Continue using bulk conversion scanner to convert remaining legacy microfiche documents to PDF and TIFF, digitize microfilm; duplicate microfilm to preserve it until it can be digitized. - Process and create online collection of DoD current research summaries. - Continue project to modernize Electronic Document Management System (EDMS) to provide a COTS web-based input workflow, support for additional storage and dissemination formats, and a more maintainable system to process and store technical reports, and to preserve the legacy collection; Spiral complete – unclassified system. - Continue to replace the use of Microsoft Office products for various organizational reports with web based reporting, ad hoc queries, and online data analysis using state-of-the-art business intelligence tools. - Continue digitization of Air Technical Index until complete and data are incorporated into DTIC technical report resources.				
C. Disseminate Information *FY 2008 Accomplishments:* - Registered additional customers for access to DTIC's limited-distribution and classified information resources.	2.427	2.492	2.584	

Exhibit R-2a, PB 2010 Defense Technical Information Center **RDT&E Project Justification**		**DATE:** May 2009	
APPROPRIATION/BUDGET ACTIVITY 0400 - Research, Development, Test & Evaluation, Defense-Wide/BA 6 - RDT&E Management Support	**R-1 ITEM NOMENCLATURE** PE 0605801KA Defense Technical Information Center		**PROJECT NUMBER** 001

B. Accomplishments/Planned Program ($ in Millions)	FY 2008	FY 2009	FY 2010	FY 2011
- Expanded the audience of registrants eligible for access to the R&E Portal to include all Federal employees and contractors. - Continued to disseminate research and engineering information electronically, phasing out hardcopy. - Continued to monitor customers' ongoing eligibility for access to DTIC's array of information products. - Continued to develop information products and services that will enhance dissemination of DoD R&E information. - Monitored the classification and distribution limitations of R&E documents for official downgrades, to facilitate dissemination to the public when permitted. *FY 2009 Plans:* - Register additional customers for access to DTIC's limited-distribution and classified information resources. - Expand the audience of registrants eligible for access to the DTIC Online Controlled Access resources to include all Federal employees and contractors. - Continue to disseminate research and engineering information electronically, phasing out hardcopy. - Continue to monitor customers' ongoing eligibility for access to DTIC's array of information products. - Continue to develop information products and services that will enhance dissemination of DoD R&E information. - Monitor the classification and distribution limitations of R&E documents for official downgrades, to facilitate dissemination to the public when permitted. *FY 2010 Plans:* - Register additional customers for access to DTIC's limited-distribution and classified information resources. - Expand the audience of registrants eligible for access to DTIC Online Controlled Access resources to include all Federal employees and contractors. - Continue to disseminate research and engineering information electronically, phasing out hardcopy. - Continue to monitor customers' ongoing eligibility for access to DTIC's array of information products. - Continue to develop information products and services that will enhance dissemination of DoD R&E information.				

Exhibit R-2a, PB 2010 Defense Technical Information Center **RDT&E Project Justification**		**DATE:** May 2009
APPROPRIATION/BUDGET ACTIVITY 0400 - Research, Development, Test & Evaluation, Defense-Wide/BA 6 - RDT&E Management Support	**R-1 ITEM NOMENCLATURE** PE 0605801KA Defense Technical Information Center	**PROJECT NUMBER** 001

B. Accomplishments/Planned Program ($ in Millions)	FY 2008	FY 2009	FY 2010	FY 2011
D. Customer Information Assistance	9.252	9.499	9.843	

FY 2008 Accomplishments:
- Conducted Combatant Commanders Workshop to benefit the warfighter and held 34th Annual DTIC Conference for the purpose of ascertaining participants' information needs, introducing current and new products and services to the DoD community, and providing a forum for exchange of information on new technologies and initiatives.
- Continued to respond to technical queries received via numerous channels; maintained a customer call center; and offered reference/customer service through the R&E Portal and DTIC Online Public as well as through virtual reference/customer service consortia.
- Organized and developed content for new DTIC Online Public homepage.
- Continued to operate Regional Offices for local service to the DoD community.
- Continued to develop and offer training classes, conduct briefings, and staff exhibits at an increased number of conferences.
- Resumed conducting customer satisfaction surveys on DTIC's overall success at fulfilling its mission and on the utility and usability of specific information tools. Developed strategy for Customer Relationship Management (CRM).
- Continued to expand marketing efforts to grow the number of DTIC registered users.
- Implemented Information Sharing Operations program focused on the Combatant Commands and provided reference support for military exercises.

FY 2009 Plans:
- Hold Acquisition and Life Cycle Management Symposium for the Program Executive Office/Program Management Office in the Acquisition community.
- Continue to hold Annual DTIC Conference for the purpose of ascertaining participants' information needs, introducing current and new products and services to the DoD community, and providing a forum for exchange of information on new technologies and initiatives.
- Continue to respond to technical queries received via numerous channels; maintain a customer call center; and offer reference/customer service through DTIC Online Public, Access Controlled and Classified sites as well as through virtual reference/customer service consortia.
- Maintain public content for DTIC Online.

Exhibit R-2a, PB 2010 Defense Technical Information Center RDT&E Project Justification				DATE: May 2009		
APPROPRIATION/BUDGET ACTIVITY 0400 - Research, Development, Test & Evaluation, Defense-Wide/BA 6 - RDT&E Management Support			**R-1 ITEM NOMENCLATURE** PE 0605801KA Defense Technical Information Center		**PROJECT NUMBER** 001	
B. Accomplishments/Planned Program ($ in Millions)			**FY 2008**	**FY 2009**	**FY 2010**	**FY 2011**
- Continue to operate Regional Offices for local service to the DoD community. - Continue to develop and offer training classes, conduct briefings, and staff exhibits at a growing number of conferences. - Continue conducting customer satisfaction surveys on DTIC's overall success at fulfilling its mission and on the utility and usability of specific information tools. - Continue to expand marketing efforts to grow the number of DTIC registered users and improve the registration system. - Continue to conduct an Information Sharing Operations program focused on the Combatant Commands and offer reference support for military exercises. - Provide content for the DoDTechipedia internal and external wikis to promote collaboration and information sharing among the Science and Technology (S&T) community. *FY 2010 Plans:* - Hold Combatant Commanders Workshop to benefit the warfighter. - Continue to hold Annual DTIC Conference for the purpose of ascertaining participants' information needs, introducing current and new products and services to the DoD community, and providing a forum for exchange of information on new technologies and initiatives. - Continue to respond to technical queries received via numerous channels; maintain a customer call center; and offer reference/customer service through DTIC Online Public, Access Controlled and Classified sites as well as through virtual reference/customer service consortia. - Maintain content for DTIC Online Public, Access-Controlled, and Classified versions. - Continue to operate Regional Offices for local service to the DoD community. - Continue to offer training classes, conduct briefings, and staff exhibits at an increasing number of conferences. - Continue conducting customer satisfaction surveys on DTIC's overall success at fulfilling its mission and on the utility and usability of specific information tools. - Continue to expand marketing efforts to grow the number of DTIC registered users. - Continue to conduct an Information Sharing Operations program focused on the Combatant Commands and offer reference support for military exercises.						
E. Information Science and Technology			6.075	6.237	6.458	

Exhibit R-2a, PB 2010 Defense Technical Information Center **RDT&E Project Justification**		**DATE:** May 2009	
APPROPRIATION/BUDGET ACTIVITY 0400 - Research, Development, Test & Evaluation, Defense-Wide/BA 6 - RDT&E Management Support	**R-1 ITEM NOMENCLATURE** PE 0605801KA Defense Technical Information Center	**PROJECT NUMBER** 001	

B. Accomplishments/Planned Program ($ in Millions)	**FY 2008**	**FY 2009**	**FY 2010**	**FY 2011**
FY 2008 Accomplishments: - Contracted the development of software for metadata extraction capabilities. - Contracted the development of software to create Machine-Readable Cataloging (MARC) records in OCLC format for use with the Open Archives Initiative (OAI). - Contracted the investigation of implementation of advanced search capabilities, to include those enabled by DTIC's prototype Defense Virtual Information Architecture (DVIA). - Enhanced the Small Business Innovation Research (SBIR) performance support tool to include additional support for document reviewers and all digital document submitters. - Completed the Search and Retrieval study and made recommendations to enhance the DTIC's current search and retrieval systems. - Assisted on interagency/professional service initiatives as members of the task groups. - Investigated PDF/A as a preservation standard for technical reports in DTIC's collections. - Exposed over 900,000 bibliographic records to the major search engines and to OAI partners through OAI. - Added over 600,000 bibliographic records including links to full text where applicable to Ohio College Library Center's (OCLC) WorldCat. - Facilitated the development of automated metadata extraction tools for Government Printing Office (GPO). *FY 2009 Plans:* - Develop additional automated metadata extraction capabilities such as template creation tools, process text PDFs and provide training. - Integrate the metadata extraction software with the DTIC's document processing system. - Harvest useful capabilities from the DVIA effort and determine how to retire the testbed. - Integrate the automated training and workflow tool for Standard Form 298 generation into DTIC's processes for the Small Business Innovation Research program. - Identify and prioritize search capability upgrades and begin their testing with DTIC's production search engine. - Study DTIC preservation issues and make recommendations for change.				

Exhibit R-2a, PB 2010 Defense Technical Information Center **RDT&E Project Justification**			**DATE:** May 2009	
APPROPRIATION/BUDGET ACTIVITY 0400 - Research, Development, Test & Evaluation, Defense-Wide/BA 6 - RDT&E Management Support	**R-1 ITEM NOMENCLATURE** PE 0605801KA Defense Technical Information Center		**PROJECT NUMBER** 001	
B. Accomplishments/Planned Program ($ in Millions)	**FY 2008**	**FY 2009**	**FY 2010**	**FY 2011**
- Assess software for generating PDF-A files and make recommendations for DTIC's adoption and operational procedures. - Enhance DTIC's intranet portal through the prototype incorporation of Web 2.0 collaboration capabilities including wikis, blogs, tagging, mash-ups, and Really Simple Syndication (RSS) feeds. - Establish a framework for DTIC's involvement with data set management. - Explore the requirement and feasibility of a turnkey or enterprise set of capabilities for fielding to any DOD organization to enable use of Web 2.0 type capabilities for scientific and technical information (STI) processes, e.g., authoring, open lab notebooks and collaboration (e.g., via wikis and blogs), and data collection. - Explore alternatives to continued use of the Committee On Scientific And Technical Information (COSATI) cataloging standard. - Specify a proposal for a software usability lab – its equipment and procedures for determining the effectiveness of DTIC software applications and modifications. - Increase the number of outreach meetings with laboratory scientists, Defense program managers and other non-traditional DTIC users. - Develop tools and techniques for increasing the amount of foreign STI and defense information in the DTIC collections. - Assist on interagency/professional service initiatives as members of the task groups. *FY 2010 Plans:* - Develop additional automated metadata extraction capabilities such as template creation tools, process text PDFs and provide training. - Transition optimized search capabilities into production. - Specify solutions for data set management; begin collecting data and fielding access capabilities. - Stand up a software usability lab and run test cases to establish procedures. - Validate requirements, specify solutions and contract for a turn key or enterprise set of capabilities for fielding to DOD organizations to enable the use of Web 2.0 type capabilities for STI processes. - Develop concept and select contracts ready to provide turn key capabilities for an electronic document repository and search engine for local S&T and defense information. Develop versions for local and centralized implementation. Develop fielding and training plan.				

Exhibit R-2a, PB 2010 Defense Technical Information Center **RDT&E Project Justification**		**DATE:** May 2009	
APPROPRIATION/BUDGET ACTIVITY 0400 - Research, Development, Test & Evaluation, Defense-Wide/BA 6 - RDT&E Management Support	**R-1 ITEM NOMENCLATURE** PE 0605801KA Defense Technical Information Center		**PROJECT NUMBER** 001

B. Accomplishments/Planned Program ($ in Millions)	**FY 2008**	**FY 2009**	**FY 2010**	**FY 2011**
- Design procedures and tools to implement decisions regarding alternatives to continued use of the COSATI cataloging standard. - Develop concepts for employment of end-user devices for recording and reading STI, e.g., Personal Digital Assistants (PDAs) for lab notebooks; podcasting. - Explore trends in semantic web technology and potential DTIC actions to exploit potential capabilities. - Demonstrate the effectiveness of implemented tools and techniques for collecting foreign STI and defense information. - Assist on interagency/professional service initiatives as members of the task groups.				
F. Component Information Support *FY 2008 Accomplishments:* Continued to provide integrated solutions and information management applications for DDR&E and other Component Organizations as follows: - For DDR&E - Provided program management, project management, application enhancement and hosting services for existing DDR&E applications. Enhanced the Defense Technology Search (DTS) to provide improved consolidated searching for Research and Engineering (R&E) databases; implemented business intelligence tools for the R&E Portal to improve analysis capabilities; developed new websites and tools including several collaboration sites for R&E Community members. - For other DoD Components - Provided customer liaison, project management, enhancements and hosting services for existing DoD Component websites, databases and tools; rehosted and reengineered applications for the Intellectual Property Management Information System; redesigned the Federal Voting Assistance site; and for the DoD Comptroller, developed the R&E R-2 Exhibits XML collection tool as a demonstration project for S&T R-Exhibits and as a follow on project, implemented the same capability for RDT&E R-Exhibits. - For Infrastructure - Expanded Web Services netcentric applications to additional Component projects. Completed implementation of an eAuthentication capability; expanded Common Access Card single signon capabilities; developed wiki environment; designed and implemented DTIC Online Public, an integrated user interface for DTIC's public access information resources on the NIPRNET and SIPRNET; began designing integrated user interfaces for DTIC's access controlled and classified collections.	12.760	12.791	13.232	

Exhibit R-2a, PB 2010 Defense Technical Information Center **RDT&E Project Justification**			**DATE:** May 2009	
APPROPRIATION/BUDGET ACTIVITY 0400 - Research, Development, Test & Evaluation, Defense-Wide/BA 6 - RDT&E Management Support	**R-1 ITEM NOMENCLATURE** PE 0605801KA Defense Technical Information Center		**PROJECT NUMBER** 001	
B. Accomplishments/Planned Program ($ in Millions)	**FY 2008**	**FY 2009**	**FY 2010**	**FY 2011**

FY 2009 Plans:
   Continue to provide integrated solutions and information management applications for DDR&E and other Component Organizations.
   - Develop and implement new websites and tools including databases, collection tools, and additional sites for collaboration including the DoDTechipedia internal Wiki and Defense Solutions Website.
   - Provide program management, project management, application enhancement, customer liaison and hosting services for existing DoD Component and DDR&E applications.
   - Investigate new technologies and processes to enhance DTIC's IT infrastructure to support client requirements.
   - Implement access controlled and classified versions of DTIC Online user interface.
 	
FY 2010 Plans:
   Continue to provide integrated solutions and information management applications for DDR&E and other Component Organizations.
   - Develop and implement new websites and tools including databases, collection tools, and additional tools for collaboration, information discovery, analysis and dissemination.
   - Provide program management, project management, application enhancement, customer liaison and hosting services for existing DoD Component and DDR&E applications.
   - Investigate new technologies and processes to enhance DTIC's IT infrastructure to support emerging client requirements for Web 2.0 capabilities and improve search integration and features for DTIC Online public, access controlled, and classified collections.				

G. Information Analysis Center
 	
FY 2008 Accomplishments:
   - 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.
   - Provided in-depth analysis services and created STI products.
	10.332	10.608	10.970	

Exhibit R-2a, PB 2010 Defense Technical Information Center **RDT&E Project Justification**		**DATE:** May 2009	
APPROPRIATION/BUDGET ACTIVITY 0400 - Research, Development, Test & Evaluation, Defense-Wide/BA 6 - RDT&E Management Support	**R-1 ITEM NOMENCLATURE** PE 0605801KA Defense Technical Information Center		**PROJECT NUMBER** 001

B. Accomplishments/Planned Program ($ in Millions)	FY 2008	FY 2009	FY 2010	FY 2011
- Responded to technical inquiries; prepared state-of-the-art reports, handbooks and databooks; performed technology assessments; and supported the exchange of information among the respective communities. - Defined and finalized IAC contractor reconstruct. - Managed and supported Technical Area Tasks (TATs) efforts ordered by the DoD and non-DoD customers. *FY 2009 Plans:* - 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. - Provide in-depth analysis services and create STI products. - Respond to technical inquiries; prepare state-of-the-art reports, handbooks and databooks; perform technology assessments; and support the exchange of information among the respective communities. - Continue efforts supporting the award of Software, Networks, and Information Assurance Multiple Award Contract Indefinite Delivery Indefinite Quality (MAC IDIQ). - Wrap up award of Data and Analysis Center for Software (DACS) Basic Center Operations Contract. - Initiate awards of Information Assurance Technology Analysis Center (IATAC) and Modeling and Simulation Information Analysis Center (MSIAC) Basic Center Operations Contracts. - Manage and support Technical Area Tasks (TATs) efforts ordered by the DoD and non-DoD customers. *FY 2010 Plans:* - 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. - Provide in-depth analysis services and create STI products. - Respond to technical inquiries; prepare state-of-the-art reports, handbooks and databooks; perform technology assessments; and support the exchange of information among the respective communities. - Wrap-up awards of IATAC and MSIAC Basic Center Operations Contracts.				

Exhibit R-2a, PB 2010 Defense Technical Information Center **RDT&E Project Justification**		**DATE:** May 2009		
APPROPRIATION/BUDGET ACTIVITY 0400 - Research, Development, Test & Evaluation, Defense-Wide/BA 6 - RDT&E Management Support	**R-1 ITEM NOMENCLATURE** PE 0605801KA Defense Technical Information Center		**PROJECT NUMBER** 001	
B. Accomplishments/Planned Program ($ in Millions)	**FY 2008**	**FY 2009**	**FY 2010**	**FY 2011**
- Initiate awards of Chemical, Biological, Radiological, and Nuclear Defense Information Analysis Center (CBRNIAC) and Weapons Systems Technology Information Analysis Center (WSTIAC) Basic Center Operations Contracts. - Wrap up award of Software, Networks, and Information Assurance MAC IDIQ. - Initiate Defense Systems MAC IDIQ contract and Homeland Defense MAC IDIQ contract. - Manage and support Technical Area Tasks (TATs) efforts ordered by the DoD and non-DoD customers.				
H. S&T Information Partnership Activities *FY 2008 Accomplishments:* - Served as an active member of interagency and public/private S&T information organizations, which share best practices and technologies, including areas such as intellectual property rights, use of metadata, distribution limitations and content management. - Served as information management consultants to DoD activities and to other government agencies and repositories. - Received, processed and disseminated information from foreign STI organizations as agreed through Memoranda of Understanding. - Served as the DoD voting member for the American National Standards Institute Z (ANSI) committee, also called the National Information Standards Organization (NISO). *FY 2009 Plans:* - Serve as an active member of interagency and public/private S&T information organizations, which share best practices and technologies, including areas such as intellectual property rights, use of metadata, distribution limitations and content management. - Serve as information management consultants to DoD activities and to other government agencies and repositories. - Receive, process and disseminate information from foreign STI organizations as agreed through Memoranda of Understanding. - Serve as the DoD voting member for the ANSI Z committee, also called the National Information Standards Organization (NISO).	0.862	0.885	0.917	

Exhibit R-2a, PB 2010 Defense Technical Information Center RDT&E Project Justification		DATE: May 2009	
APPROPRIATION/BUDGET ACTIVITY 0400 - Research, Development, Test & Evaluation, Defense-Wide/BA 6 - RDT&E Management Support	**R-1 ITEM NOMENCLATURE** PE 0605801KA Defense Technical Information Center	**PROJECT NUMBER** 001	

B. Accomplishments/Planned Program ($ in Millions)	FY 2008	FY 2009	FY 2010	FY 2011

FY 2010 Plans:
   - Serve as an active member of interagency and public/private S&T information organizations, which share best practices and technologies, including areas such as intellectual property rights, use of metadata, distribution limitations and content management.
   - Serve as information management consultants to DoD activities and to other government agencies and repositories.
   - Receive, process and disseminate information from foreign STI organizations as agreed through Memoranda of Understanding.
   - Serve as the DoD voting member for the ANSI Z committee, also called the National Information Standards Organization (NISO).				

C. Other Program Funding Summary ($ in Millions)
   N/A

D. Acquisition Strategy
   N/A

E. Performance Metrics
   Collect Information: Total 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 R&D goals achieved.
   Component Information Support: Product delivery.
   Information Analysis Center: Number of IAC technical inquiries.
   S&T Information Partnership Activities: Full Time Equivalent (FTE) utilization of STI partnerships.