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Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Defense Technical Information Center									DATE: February 2010		
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 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	53.450	49.205	61.054	0.000	61.054	61.677	62.776	63.387	64.002	Continuing	Continuing
001: Defense Technical Information Center	48.636	44.391	56.240	0.000	56.240	56.863	57.962	58.573	59.188	Continuing	Continuing
002: Information Analysis Centers	4.814	4.814	4.814	0.000	4.814	4.814	4.814	4.814	4.814	Continuing	Continuing
A. Mission Description and Budget Item Justification											
The Defense Technical Information Center (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. 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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0400: Research, Development, Test & Evaluation, Defense-Wide		PE 0605801KA: Defense Technical Information Center			
BA 6: RDT&E Management Support					
including the Joint Chiefs of Staff, the Director, Defense Research and Engineering (DDR&E), Defense Logistics Agency (DLA) and several Combatant Commands. The Information Analysis Centers (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.					
In this current budget submission, the Department's FY 2011 DTIC budget program is described and justified against a backdrop of two projects. These projects include 001, Defense Technical Information Center, and 002, Information Analysis Centers (IAC). This expanded project structure provides the Department with greater transparency of the budget formulation and execution of the Program Element. The eight core activity areas performed by DTIC are embedded within the two newly-developed project lines, as described in the narratives below.					
B. Program Change Summary (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	52.553	54.411	0.000	0.000	0.000
Current President's Budget	53.450	49.205	61.054	0.000	61.054
Total Adjustments	0.897	-5.206	61.054	0.000	61.054
• Congressional General Reductions		0.000			
• Congressional Directed Reductions		-5.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds		0.000			
• Congressional Directed Transfers		0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Program Changes	0.000	0.000	61.054	0.000	61.054
• Reprogramming Initiative for XML R-2	0.897	0.000	0.000	0.000	0.000
• Economic Assumptions	0.000	-0.206	0.000	0.000	0.000
Change Summary Explanation					
FY 2009 Reprogramming Initiative for eXtensible Markup Language (XML) R-2 Project. (\$0.897)					
Funding reflects a \$0.897 transfer from the Office of the Secretary of Defense in support of the XML R-2 project, an ongoing initiative to standardize and automate budget submission materials within the Department.					

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FY 2010 Congressional Program Reductions (-\$5.000) FY 2010 Economic Assumptions (\$-0.206). Funding reduction reflects revised economic assumptions. FY 2011 Other Program Changes The FY 2011 Base (\$61.054) includes the following program changes from the current FY 2010 position: 1. FY 2011 Defense Technical Information Center (DTIC) Mission Support (\$5.000) to DTIC customers, to include the Military Services, DoD Agencies, the Joint Staff, Combatant Commands, and other Federal agencies. The specific efforts are outlined below: a) Component Information Support: Funding provides for planned upgrades supporting continuity of operations and the implementation of new commercial business process management tools, thereby decreasing risk of DoD Component site failure, bolstering the capability to respond to Component requirements in a timely manner, and decreasing system repair times. b) Format/Process/Preserve Information: Efforts are aimed at processing technical information into DTIC's Research and Engineering database and to ensure long-term preservation and reliable access to such data. The effort will decrease the real risks related to potential permanent loss of vital technical data, customer access and availability of data, as well as continuity of operations. c) Customer Information Assistance: This effort supports the quality and level of Information Sharing Operations focused on the DoD Acquisition community and the Combatant Commanders, to ensure the timely transfer of scientific and technical information required to meet customer mission requirements. 2. The FY 2011 Base also includes Program Transfers (\$4.500), to include the following activities: a) DoDTechipedia. FY 2011 funding transfer of \$4.000 from the Office of the Secretary of Defense supports the Department's DoDTechipedia program. The adjustment to the DTIC program supports the expansion of communication and collaboration capabilities provided by DoDTechipedia. DoDTechipedia provides a solution vehicle which addresses the issue of how to best facilitate and expand technology access, information awareness, and collaborative opportunities		

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across the DoD community. This added capability strengthens the vital connection among technology customers, to include warfighters, Combatant Commands, Acquisition, and Logistics communities, and technology providers within the Science and Technology (S&T) and Research, Development, Test and Evaluation (RDT&E) communities. Additionally, the solution expands the user community beyond DoD elements, bringing other government and industry laboratories and researchers into the community of technologists, scientists, and researchers. DoDTechipedia is targeted at the four imperatives of the Director, Defense Research and Engineering (DDR&E): – Accelerate delivery of technical capabilities to win the current fight – Prepare for an uncertain future – Reduce the cost, acquisition time and risk of major programs – Develop world class science, technology, engineering, and mathematical capabilities for the DoD and the Nation b) Global Content Delivery Service (GCDS). The \$0.500 funding transfer to DTIC, from Defense Information Systems Agency (DISA) Working Capital Fund Computing Services, supports GCDS customer services provided to DTIC. 3. NSPS Termination and Conversion (\$0.194). Increase of \$0.194 supports conversion of all National Security Personnel System (NSPS) personnel back to their previous personnel system consistent with the direction in the FY 2010 National Defense Authorization Act.		

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COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
001: <i>Defense Technical Information Center</i>	48.636	44.391	56.240	0.000	56.240	56.863	57.962	58.573	59.188	Continuing	Continuing
Quantity of RDT&E Articles											

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 seven 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 support to DTIC users, outreach, and general marketing services. These include: providing information reference, retrieval, referral, current awareness, document delivery, and billing services; managing Regional Offices that provide direct support to customers in the field; directing and managing marketing services; assessing user satisfaction and needs; 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,

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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.						
F. COMPONENT INFORMATION SUPPORT (CIS): 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. CIS 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.						
G. SCIENCE & TECHNOLOGY (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. Through coordination with Acquisition, Technology, & Logistics (AT&L), DTIC 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).						
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Defense Technical Information Center		48.636	44.391	56.240	0.000	56.240
FY 2009 Accomplishments:						
A. Collect Information:						
- Identified and acquired government information collections for dissemination and preservation in the DTIC technical report collection. (28,707 technical reports collected to date)						
- Harvested documents online from Internet/NIPRNET/SIPRNET. (197 Websites being harvested; 9,050 harvested documents processed)						
- Advised and helped contributors send research and engineering (R&E) information to the central repository in digital form. (Conducted 25 site visits, attended 15 conferences)						

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B. Accomplishments/Planned Program (\$ in Millions)								
				FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
- Supported major thrust of Director, Defense Research & Engineering (DDR&E) with continued outreach to potential Independent Research and Development (IR&D) contributors and users. (Contacted 37 new contractors and all current submitters) - Worked with IR&D OSD and Service Program Managers to improve the collection and use of IR&D data across the Department. Attended Bi-Monthly Technical Coordination Group (TCG) and OSD IR&D Program Manager meetings, - Coordinated and helped to formulate DoD Science & Technology Information Program (STIP) policy and provide advice to DoD activities on policy interpretation and implementation. B. Format/Process/Preserve Information - 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. - In moving toward a more complete full text document availability, continued using bulk conversion scanner to convert remaining legacy microfiche documents to Portable Document Format (PDF) and Tagged Image File Format (TIFF), digitized microfilm; duplicated microfilm to preserve it until it can be digitized. (143,577 legacy documents digitized, 74,500 in FY 2009) - Processed and created online collection of DoD current research summaries. (2,768 new records; 31,776 records updated) - Explored modernization alternatives for 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; evaluated interim methods to extend life of the legacy system.								

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B. Accomplishments/Planned Program (\$ in Millions)								
				FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
- Continued 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. - Continued the digitization of Air Technical Index to incorporate into DTIC technical report resources. (63,000 documents digitized in FY 2009) C. Disseminate Information - Registered additional customers for access to DTIC's limited-distribution and classified information resources. (104% increase over FY 2008) - Expanded the audience of registrants eligible for access to the DTIC Online Access Controlled resources 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 Research & Engineering (R&E) information. - Monitored the classification and distribution limitations of R&E documents for official downgrades, to facilitate dissemination to the public when permitted. (612 records processed at direction of authorized agent) D. Customer Information Assistance - Held Acquisition and Life Cycle Management Symposium for the Program Executive Office/Program Management Office in the Acquisition community. - Held 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.								

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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
- Responded to technical queries received via numerous channels; maintained a customer call center; and offered reference/customer service through DTIC Online Public and Access Controlled sites as well as through virtual reference/customer service consortia. - Maintained public content for DTIC Online. - Operated Regional Offices for local service to the DoD community. - Developed and offered training classes, conducted briefings, and staff exhibits at a growing number of conferences. - Conducted customer satisfaction surveys on DTIC's overall success at fulfilling its mission and on the utility and usability of specific information tools. - Expanded marketing efforts to grow the number of DTIC registered users and improved the registration system. - Conducted an Information Sharing Operations program focused on the Combatant Commands and offered reference support for military exercises. - Provided content for the DoDTechipedia internal wiki to promote collaboration and information sharing among the Science and Technology (S&T) community.						
E. Information Science and Technology						
- Developed additional automated metadata extraction capabilities such as template creation tools, process text PDFs and provided training. - Integrated the metadata extraction software with DTIC's document processing system. - Harvested useful capabilities from the Defense Virtual Information Architecture (DVIA) effort and determined how to retire the testbed. - Integrated the automated training and workflow tool for Standard Form 298 generation into DTIC's processes for the Small Business Innovation Research program. - Identified and prioritized search capability upgrades and began their testing with DTIC's production search engine. - Studied DTIC preservation issues and made recommendations for change.						

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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
- Assessed software for generating PDF-A files and made recommendations for DTIC's adoption and operational procedures. - Enhanced 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. - Established a framework for DTIC's involvement with large data set management, working with several DoD organizations. - Explored 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. - Explored alternatives to continued use of the Committee on Scientific and Technical Information (COSATI) cataloging standard. - Specified a proposal for a software usability lab – its equipment and procedures for determining the effectiveness of DTIC software applications and modifications. - Increased the number of outreach meetings with laboratory scientists, Defense program managers and other nontraditional DTIC users. - Developed tools and techniques for increasing the amount of foreign STI and defense information in the DTIC collections. - Assisted on interagency/professional service initiatives as members of the task groups.						
F. Component Information Support						
- Provided project management, application development, and maintenance services for over 100 Websites, wikis, Web 2.0 and other applications hosted at DTIC for the Director, Defense Research & Engineering (DDR&E), Joint Staff, Combatant Commands and other DoD Components. - Developed and implemented new wikis, Websites and applications to improve Science & Technology (S&T) collaboration, leading to improved capabilities fielded more rapidly at less cost. Projects included the DoDTechipedia Limited and Classified Wikis, and the DefenseSolutions.gov Website,						

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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
as well as the NATO Research and Technology Organization Website, the Logistics Research and Development Program, and the Naval Logistics Operations Portal. - Launched the Army Research Institute Enlisted Personnel Retention Study, The Human Systems Research Opportunities Resource, the Freedom of Information Reporting System and the Operations Security Collaboration Architecture sites to support Component missions. - Expanded the R-2 Exhibits eXtensible Markup Language (XML) database and collection tool to include all S&T programs. - Implemented a Web Services application to support the Air Force response to the R&E data call improving timeliness and data consistency. - Provided DTIC information on the Defense Information Systems Agency (DISA) Global Content Delivery Services (GCDS), a worldwide network that offers information assurance and secure delivery of application content to our geographically dispersed user community. - Developed the DTIC Online Access Controlled user interface to improve user access to limited distribution information resources. - Enhanced the quality and speed of the integrated DTIC Online search engine for DTIC public resources and .mil Websites. - Investigated new technologies and processes to enhance DTIC's Information Technology (IT) infrastructure to support client requirements including Web 2.0 social networking tools and Continuity of Operations (COOP) capabilities.						
G. Science & Technology (S&T) Information Partnership Activities - To facilitate information exchange between government agencies, 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. (Participated in 6 Commerce, Energy, NASA, National Library of Medicine, Defense, Interior Information (CENDI) working groups regarding markings, policy, copyright, terminology, cataloging, and digitizing scientific and technical information)						

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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
- Served as information management consultants to DoD activities and to other government agencies and repositories. (NASA briefs for metadata extraction and document submission process; provided technical oversight to DoD Information Analysis Center collection processing) - 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 (ANSI) Z committee, also called the National Information Standards Organization (NISO). (Voted on 43 ANSI standards) FY 2010 Plans: A. Collect Information: - 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 Independent Research & Development (IR&D) contributors and users. - Work with IR&D Office of the Secretary of Defense (OSD) and Service Program Managers to improve the collection and use of IR&D data across the Department. - Coordinate and help to formulate DoD Science & Technology Information Program (STIP) policy and provide advice to DoD activities on policy interpretation and implementation. B. Format/Process/Preserve Information - 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.						

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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
- Process and create online collection of IR&D submissions from industry. - Continue using bulk conversion scanner to convert remaining legacy microfiche documents to Portable Document Format (PDF) and Tagged Image File Format (TIFF), digitize microfilm; duplicate microfilm to preserve it until it can be digitized. - Process and create online collection of DoD current research summaries. - Begin 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. - 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						
- 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 Access Controlled 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 Research & Engineering (R&E) information. - Continue to monitor the classification and distribution limitations of R&E documents for official downgrades, to facilitate dissemination to the public when permitted.						
D. Customer Information Assistance						

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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
- Hold 3rd biennial 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 Operational Information Sharing program focused on the Combatant Commands, providing research of access controlled and classified resources and offering customized training and reference support for military exercises. - Provide content for the DoDTechipedia internal wiki to promote collaboration and information sharing among the Science and Technology (S&T) community.						
E. Information Science and Technology						
- 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.						

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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
- Validate requirements, specify solutions and contract for a turnkey or enterprise set of capabilities for fielding to DOD organizations to enable the use of Web 2.0 type capabilities for Science & Technology Information (STI) processes. - Develop concept and select contracts ready to provide turnkey 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. - Design procedures and tools to implement decisions regarding alternatives to continued use of the Committee on Scientific and Technical Information (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						
- 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 & Engineering (DDR&E), Joint Staff, Combatant Commands and other DoD Components. - Develop and implement new Websites and applications that support the DoD Components including databases, data collection interfaces, and additional tools for collaboration, information discovery, analysis and dissemination. - Implement and test a beta version of Aristotle, a community building and analysis application that maps relationships between researchers, projects and reports. Evaluate Aristotle and prepare a roadmap for further actions including integration with DoDTechipedia Suite of Services. - Launch the classified version of the DTIC Online Access Controlled user interface.						

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B. Accomplishments/Planned Program (\$ in Millions)								
				FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
- Enhance searching and improve integration of resources in both the limited and classified versions of the DTIC Online Access Controlled user interface. - Begin full-text indexing of all digitized Science & Technology (S&T) documents at DTIC to expand full-text searching to report contents as well as metadata. - Investigate new technologies and processes to enhance DTIC's IT infrastructure to support emerging client requirements for Web 2.0 and Continuity of Operations (COOP) capabilities. G. Science & Technology (S&T) Information Partnership Activities - 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 Science & Technology Information (STI) organizations as agreed through Memoranda of Understanding. - Serve as the DoD voting member for the American National Standards Institute (ANSI) Z committee, also called the National Information Standards Organization (NISO). FY 2011 Base Plans: A. Collect Information: - 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 Independent Research & Development (IR&D) contributors and users.								

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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
- Work with IR&D Office of the Secretary of Defense (OSD) and Service Program Managers to improve the collection and use of IR&D data across the Department. - Coordinate and help to formulate DoD Science & Technology Information Program (STIP) policy and provide advice to DoD activities on policy interpretation and implementation. B. Format/Process/Preserve Information - 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 Portable Document Format (PDF) and Tagged Image File Format (TIFF), digitize microfilm; duplicate microfilm to preserve it until it can be digitized. - Process and create online collection of DoD current research summaries. - Continue development of web-based interface for the Electronic Document Management System (EDMS) to process and store technical reports, and to preserve the legacy collection. - 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 - Register additional customers for access to DTIC's limited-distribution and classified information resources.						

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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
- Expand the audience of registrants eligible for access to DTIC Online Access Controlled 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 Research & Engineering (R&E) information. - Continue to monitor the classification and distribution limitations of R&E documents for official downgrades, to facilitate dissemination to the public when permitted. - Prepare for the implementation of the new government-wide Controlled Unclassified Information (CUI) markings.						
D. Customer Information Assistance						
- Hold 2nd biennial conference to benefit 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 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.						

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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
- Continue to conduct an Operational Information Sharing program focused on the Combatant Commands, providing research of access controlled and classified resources and offering customized training and reference support for military exercises. - Provide content for the DoDTechipedia internal wiki to promote collaboration and information sharing among the Science and Technology (S&T) community. E. Information Science and Technology - 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 turnkey or enterprise set of capabilities for fielding to DOD organizations to enable the use of Web 2.0 type capabilities for Science & Technology Information (STI) processes. - Develop concept and select contracts ready to provide turnkey 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. - Design procedures and tools to implement decisions regarding alternatives to continued use of the Committee on Scientific and Technical Information (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.						

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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
F. Component Information Support						
- 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 & Engineering (DDR&E), Joint Staff, Combatant Commands and other DoD Components. - Expand and integrate new search, analysis, collaboration and community building applications into the DoDTechipedia Suite of Services to improve Science & Technology (S&T) knowledge discovery and sharing. - Complete full-text indexing of S&T documents and integrate into the DTIC Online Public and Access Controlled user interfaces. - 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. - 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. - Evaluate alternatives and prepare a roadmap for the implementation of semantic search capabilities at DTIC. - Investigate new technologies and processes to enhance DTIC's Information Technology (IT) infrastructure to support emerging client requirements and improve search integration and features for DTIC Online Public, Access Controlled, and Classified versions.						
G. Science & Technology (S&T) Information Partnership Activities						
- 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.						

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B. Accomplishments/Planned Program (\$ in Millions)								
				FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
- 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 American National Standards Institute (ANSI) Z committee, also called the National Information Standards Organization (NISO).								
Accomplishments/Planned Programs Subtotals				48.636	44.391	56.240	0.000	56.240
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.								
S&T Information Partnership Activities: Full Time Equivalent (FTE) utilization of STI partnerships.								

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COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
002: Information Analysis Centers	4.814	4.814	4.814	0.000	4.814	4.814	4.814	4.814	4.814	Continuing	Continuing
Quantity of RDT&E Articles											
A. Mission Description and Budget Item Justification											
Information Analysis Center (IAC) Program accomplishes its mission to provide 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.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Information Analysis Centers							4.814	4.814	4.814	0.000	4.814
FY 2009 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 Scientific and Technical Information (STI) products. (4,764 STI products produced)											
- Responded to over 7,100 technical inquiries; prepared state-of-the-art reports, handbooks and databooks, performed technology assessments; and supported the exchange of information among the respective communities. (8.6 million accesses of scientific and technical information on Information Analysis Centers' websites; over 1,200 technical training events held)											
- Continued executing acquisition plan for Software, Networks, Information Assurance, and Modeling & Simulation (SNIM) Indefinite Delivery Indefinite Quantity Multiple Award Contract (IDIQ MAC).											

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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
- Established and began executing acquisition plans for Data and Analysis Center for Software (DACS) and Information Assurance Technology Analysis Center (IATAC) Basic Center Operations contracts. - Managed and supported Technical Area Tasks (TATs) efforts ordered by the DoD and non-DoD customers. <i>FY 2010 Plans:</i> - 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. - Award Data and Analysis Center for Software (DACS) and Information Assurance Technology Analysis Center (IATAC) Basic Center Operations contracts. - Establish and begin executing acquisition plans for Modeling & Simulation Information Analysis Center (MSIAC) and Weapons Systems Technology Information Analysis Center (WSTIAC) Basic Center Operations contracts. - Award Software, Networks, Information Assurance, and Modeling & Simulation (SNIM) Indefinite Delivery Indefinite Quantity Multiple Award Contract (IDIQ MAC). - Establish and begin executing acquisition plan for Defense Systems Indefinite Delivery Indefinite Quantity Multiple Award Contract (IDIQ MAC). - Manage and support Technical Area Tasks (TATs) efforts ordered by the DoD and non-DoD customers.						

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B. Accomplishments/Planned Program (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<i>FY 2011 Base Plans:</i> - 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. - Award Modeling & Simulation Information Analysis Center (MSIAC), Weapons Systems Technology Information Analysis Center (WSTIAC), and Reliability Information Analysis Center (RIAC) Basic Center Operations contracts. - Establish and begin executing acquisition plan for Chemical, Biological, Radiological, and Nuclear Defense Information Analysis Center (CBRNIAC) Basic Center Operations contract. - Award Defense Systems Indefinite Delivery Indefinite Quantity Multiple Award Contract (IDIQ MAC). - Establish and begin executing acquisition plan for Homeland Defense Indefinite Delivery Indefinite Quantity Multiple Award Contract (IDIQ MAC). - Manage and support Technical Area Tasks (TATs) efforts ordered by the DoD and non-DoD customers.					
Accomplishments/Planned Programs Subtotals	4.814	4.814	4.814	0.000	4.814
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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