

FY 2006, RDT&E Budget Item Justification Exhibit R-2							Date: February 2005	
RDT&E, Defense-Wide/ RDT&E Management Support - BA6			Program Element: 0605110D8Z Program Element Title: Military Critical Technology Support					
Cost (\$ in millions)	FY 2004	*FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Military Critical Technology Support	0.000	0.000	1.999	1.998	2.109	2.089	2.085	2.085

*transferred from DTRA PE060511BR to AT&L Office of International Technology Security

A. Mission Description and Budget Item Justification:

The Military Critical Technology Support Program (MCTP) entails multiple activities to include the development and publication of the Militarily Critical Technologies List (MCTL). The congressionally-mandated MCTL is the fundamental source document for identification of leading edge and current technologies which must be monitored and assessed worldwide for national security and nonproliferation control of weapons of mass destruction and advanced conventional weapons. The main efforts which encompass the MCTL are:

- Continuous technical support to interdepartmental and international processes which develop multinational export control agreements on technologies of concern to DoD;
- Worldwide technology capabilities assessments for the MCTL and other USG International critical technologies efforts;
- Identification and determination of technical parameters for proposals for international control of weapons of mass destruction;
- Technical assessments to support decisions on foreign ownership of US industrial assets and treaty compliance inspections;
- Identification of foreign technologies of interest to the DoD and opportunities for international cooperative research and development;
- Identification of Homeland Defense and terrorism applications of militarily critical technologies.

MCTP activities include:

- Developing and publishing in electronic form (including Internet version, both restricted and public) various editions of the MCTL and Developing Critical Technologies/Science and Technology (DCT/S&T) documents that describe the military and proliferation significance of various technologies;
- Monitoring and assessing dual-use and military technologies worldwide;

- Assisting in the development of proposals for negotiation in various multilateral export control regimes;
- Providing technical support for the review/revision of the U.S. Munitions List under the Defense Trade Security Initiative;
- Providing analytical support for Congressional reports.
- This program includes funding for travel by DOD personnel in support of management and technical objectives.

B. Program Change Summary:	<u>FY 2004</u>	<u>FY 2005</u>	* <u>FY 2006</u>	<u>FY 2007</u>
Previous President's Budget:	0.000	0.000	0.000	0.000
FY 2006 President's Budget Submission:	0.000	0.000	1.999	1.998
Adjustments to Appropriated Value:	0.000	0.000	+1.999	+1.998
Congressional Program Reductions:				
Congressional Rescissions:				
Congressional Increases:				
Reprogrammings:				
SBIR/STTR Transfers:				
Other:				
Program Increases:			+1.999	+1.998

*A functional transfer of FY 2005 funds from the Defense Threat Reduction Agency was accomplished, through a MIPR, in December 2004, to the Deputy Under Secretary of Defense, International Technology Security (ITS), to execute reforms to the Military Critical Technology Program.

- C. Other Program Funding Summary: N/A**
D. Acquisition Strategy: N/A
E. Performance Metrics: NA

FY 2006, RDT&E Project Justification Exhibit R-2a							Date: February 2005	
RDT&E,DW/BA 2				PE: 0605110D8Z Military Critical Technology Support				
Cost (\$ in millions)	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Military Critical Technology Support Program	0.000	0.000	1.999	1.998	2.109	2.089	2.085	2.085
<p>(U) A. Mission Description and Budget Item Justification: The RDT&E program was transferred from the Defense Threat Reduction Agency in December 2004 to continue support for the Military Critical Technology Support Program that is managed under a Task Order by the Institute for Defense Analyses. The MCTP was identified in the Export Administration Act of 1979 and extended by Presidential Directive to review militarily critical goods and technologies and to consider worldwide technology capabilities.</p> <p>B. Accomplishments/Planned Program</p> <p>Accomplishments</p> <ul style="list-style-type: none"> • Maintained the Technology Working Group (TWG) infrastructure to review and report on parameters for critical technologies. • Produced enhancements of the Developing Science & Technologies list (DTSL) • Provided technical support to the Wassenaar Arrangement (WA) negotiations (preparation of proposals and on-site technical support) and the export control community (e.g., High Performance Computers) • Conducted technology reviews and assessments by trips to major industrialized nations. • Provide Worldwide Technology Capability (WTC) assessments for the DDR&E Global Technology Knowledge Base (GTKB) • Performs ad hoc tasks to include technical advice to the review of the Munitions List. <p>Planned Program</p> <ul style="list-style-type: none"> • To enhance resources to define in quantitative technical terms, which technologies contribute to, or have the potential to threaten, US national security; • To evaluate the global state-of-the-art and trends that affect the availability of such technologies and the ability of the US and cooperating countries to control the dissemination of such technologies; • To recommend strategies and guidelines that facilitate international cooperation and protect US national security interests without imposing unnecessary restraints on commerce. 								

FY 2006 Plans

- Establish a mechanism to review and update at least one half of the categories of technologies on the MCT and on the DS&T Lists annually.
- Expand ability to provide technical experts for the Wassenaar Arrangement negotiations during proposal development and to support the negotiations.
- Increase ability to visit industrial facilities in the US and abroad to access technologies and foreign availability.
- Create and administer new technology working groups to respond to new categories of evolving technologies.

FY2007 Plans

- Improve the ability to expand the review and reporting on the status of critical technologies, in a more timely and effective manner.