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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)								DATE February 1999		
APPROPRIATION/BUDGET ACTIVITY RDT&E, Defense-wide/ BA: 6						R-1 ITEM NOMENCLATURE USD(A&T)-Critical Technology Support PE 0605110D8Z				
COST (In Millions)	FY1998	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	
Total Program Element (PE) Cost	2.487	0*	0*	0*	0*	0*	0*	0*	Cont.	
Critical Technologies Program P204	2.487	0*	0*	0*	0*	0*	0*	0*	Cont.	

*These funds previously contained in PE0605110D8Z were transferred to PE0605110T for FY1999 and then to PE0605110BR for FY2000 and beyond. PE0605110BR reflects an administrative transfer to accommodate recommendations of the Defense Reform Initiative (DRI).

A. (U)Mission Description and Budget Item Justification

A1. (U)BRIEF OVERVIEW DESCRIPTION OF TOTAL PROGRAM:

(U)This program element supports development and publication of the Congressionally mandated Militarily Critical Technologies List (MCTL). The MCTL is the fundamental source document for identification of leading edge and current technologies which must be monitored and assessed world-wide for national security and nonproliferation control of weapons of mass destruction and advanced conventional weapons. Funds continuous technical support to interdepartmental and international processes which develop multinational control agreements on technologies of concern to DOD. Provides foreign technology assessments for the MCTL and other critical technologies efforts. Identifies and

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A1. (U) BRIEF OVERVIEW DESCRIPTION OF TOTAL PROGRAM: (Continued)

determines technical parameters for proposals for international control of weapons of mass destruction. Provides technical assessments to support treaty compliance inspections and decisions on foreign ownership of US industrial assets. Identifies foreign technologies of interest to the DOD and develops opportunities for international cooperative research and development. Includes funding for travel by OSD personnel in support of the management and technical objectives. This program element is responsive to time critical requirements established in interdepartmental and international processes required to meet Congressional mandates to identify, control, transfer and develop militarily critical technologies.

A2. (U) FY 1998 ACCOMPLISHMENTS:

(U) In concert with Department of State provided leadership and technical support in the development of United States Government (USG) proposals for multinational negotiations at the Wassenaar Arrangement (successor to CoCom) to ensure continued control of technologies critical to US military and economic security. Analyzed and documented the US and International participation on the Wassenaar Arrangement. Developed proposals for Missile Technology, Nuclear and BW/CW export control regimes. (\$.050 Million)

(U) Developed and published the MCTL-Part II Weapons of Mass Destruction Technologies. Updated and published MCTL part I Weapons Systems Technologies on the Internet and on CD-ROMs. (\$1.487 Million)

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A2. (U) FY 1998 ACCOMPLISHMENTS: (Continued)

(U) Provided on site support at international technology negotiations and analyzed and documented US and International Participation. (\$.100 Million)

(U) In concert with industry, Government and academia conducted worldwide technical assessments of dual use technologies related to Theater Missile Defense and Defense Technology Planning to determine the militarily critical technology parameters. The assessments clearly highlight critical technologies and provided technical rationale for export control changes. (\$.800 Million)

(U) Identified Developing Critical Technologies and Commercial Technologies which are candidates for application in US weapons systems. (\$.050 Million)

A3. (U) FY 1999 PLANS: *These funds previously contained in PE0605110D8Z were transferred to PE0605110T. PE0605110T reflects an administrative transfer to accommodate recommendations of the Defense Reform Initiative (DRI).

A4. (U) FY 2000 PLANS: *These funds previously contained in PE0605110BR were transferred to PE0605110T. PE0605110T reflects an administrative transfer to accommodate recommendations of the Defense Reform Initiative (DRI).

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A5. (U) FY 2001 PLANS: *These funds previously contained in PE0605110BR were transferred to PE0605110T. PE0605110T reflects an administrative transfer to accommodate recommendations of the Defense Reform Initiative (DRI).

A6. (U) JUSTIFICATION FOR BUDGET ACTIVITY ASSIGNMENT FOR THE PROGRAM ELEMENT:

(U) The program element is correctly classified in Budget Activity 6 because it provides operational technical support for the Office of the Under Secretary for Acquisition and Technology by identifying and assessing militarily critical technologies DOD assesses as critical to maintaining superior US military capabilities. Some technologies may require protection under one of the multinational control regimes. Other technologies may be eligible for use in multinational technology programs.

A7. (U) ACQUISITION STRATEGY:

(U) The completion of the task detailed in this program element requires technical analyses across a broad spectrum of technologies which are deemed critical to continuing US military superiority. These analyses provide the basis for: the Militarily Critical Technologies List (required by the Export Administration Act); economic and national security assessments of controls in specified technology areas; foreign technology assessments to support economic and national security policy decisions; development of export control proposals for negotiations at the Wassenaar Arrangement and multinational

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control regimes and the identification of international cooperation opportunities. The USD(A&T) provides the technical management and oversight but does not have the broad technical expertise required to accomplish these tasks. This breadth of technical knowledge can only be obtained from Government, industry and the academic community.

A7. (U) ACQUISITION STRATEGY: (Continued)

(U) These tasks are best performed by a Federally Funded Research and Development Center (FFRDC). An FFRDC can produce independent and objective analyses of multinational programs which require access to the proprietary technical data of US and foreign defense industries, the existence and nature of which must be kept secret from potential competitors. The required access to sensitive US Government policies, and decision-making procedures concerning multinational defense critical technology programs, and the close collaboration with Government agencies required to perform these tasks, would give a contractor the marketing intelligence necessary to position itself unfairly in future multinational technology markets.

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B. (U) Program Change Summary:

	<u>FY1998</u>	<u>FY1999</u>	<u>FY2000</u>	<u>FY2001</u>	<u>Total Cost</u>
Previous President's Budget Appropriated Value	2.690	N/A*	N/A*	N/A*	Cont.
Adjustments to Appropriated Value/ Presidents Budget	2.690	N/A*	N/A*	N/A*	
Closed Account Adjustments	N/A	N/A	N/A	N/A	
SBIR	N/A	N/A	N/A	N/A	
Undistributed Congressional Adjustments	-.203	N/A	N/A	N/A	
Current Budget Submit	2.487	N/A*	N/A*	N/A*	Cont.

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C. (U) Other Program Funding Summary: N/A

D. (U) Schedule Profile: N/A