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Exhibit R-2, RDT&E Project Justification							February 2006
OPERATIONAL TEST AND EVALUATION, DEFENSE (0460) BUDGET ACTIVITY SIX				OPERATIONAL TEST AND EVALUATION (OT&E) PROGRAM ELEMENT (PE) 0605118D8Z			
Cost (\$ In Millions)	FY 2005	FY 2006	FY 2007*	FY 2008*	FY 2009*	FY 2010*	FY 2011*
PE 0605118D8Z	43.159	43.162					

***Funds for FY 2007 through 2011 will be found in PE 0605118OTE. The administrative change to the Program Elements in the Operational Test and Evaluation, Defense appropriation was necessary to reflect changes brought about by the June 7, 1999 disestablishment of the Director, Test, Systems Engineering and Evaluation and the subsequent realignment of programs and responsibilities to the Director, Operational Test and Evaluation.**

A. (U) MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION

The Director of Operational Test and Evaluation (DOT&E) is responsible under Title 10 for policy and procedures for all aspects of operational test and evaluation within the Department of Defense (DoD), with particular focus on OT&E that supports major weapon system production decisions. Generally, there are over 250 programs and Advanced Concept Technology Demonstrations (ACTD) on the DOT&E oversight list including 79 Major Defense Acquisition Programs (MDAPs). These MDAPs may not proceed beyond low-rate initial production (BLRIP) until OT&E of the program is complete. DOT&E must be involved early in the planning phase of each program to ensure adequate testing and satisfactory progress. Key elements of the DOT&E's oversight authority include:

- The approval of component test and evaluation master plans (TEMPS) for adequacy.
- The approval of component OT&E Test Plans (TPs) for adequacy.
- The observation of preparation and conduct of field operational tests; analysis, evaluation, and assessment of the adequacy of OT&E; and the operational effectiveness and suitability of the weapon system.

Exhibit R-2, RDT&E Budget Item Justification

UNCLASSIFIED

R-1 Line – Item No. 3

Page 1 of 4

UNCLASSIFIED

- Reporting results of OT&E that supports BLRIP decisions to the Secretary of Defense and Congress, as well as an annual report summarizing all OT&E activities, addressing the adequacy of test resources within DoD during the previous fiscal year.

DOT&E also oversees and resources OT&E community efforts to plan and execute joint operational evaluations of information assurance and interoperability of fielded systems during major combatant command and Service exercises, and reports trends and findings in the annual report.

This PE includes funds to obtain Federally Funded Research and Development Center (FFRDC) support in performing the described tasks as well as travel funds to carry out oversight of the OT&E program.

This Research Category 6.5 PE supports management activities for DOT&E for oversight of operational test and evaluation of the Department's weapon systems.

Accomplishments/Planned Program:

FY 2005 Accomplishments:

Operational Test and Evaluation Oversight

- Key elements of DOT&E's oversight authority, as described under MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION, were conducted, as applicable for Programs identified in the DOT&E FY 2005 Annual Report issued in January 2006.

Information Assurance and Interoperability Evaluations:

- Evaluations were performed in conjunction with approximately 20 combatant command and service exercises. Full assessment of warfighter responses to computer network attack (ability to protect, detect, react, and restore) was captured in selected events. Portrayal of advanced threats was initiated in selected events. Interoperability metrics and evaluations have matured, and proof-of-concept interoperability assessments were performed in four events. FY 2005 information assurance evaluations included trend analyses compared with FY 2004 results, where available.

Exhibit R-2, RDT&E Budget Item Justification

UNCLASSIFIED

R-1 Line – Item No. 3

Page 2 of 4

UNCLASSIFIED

FY 2006 Plans:

Operational Test and Evaluation Oversight

- Key elements of DOT&E's oversight authority, as described under MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION, will be conducted, as applicable for Programs identified in the DOT&E FY 2005 Annual Report issued in January 2006.

Information Assurance and Interoperability Evaluations:

- Will continue to execute and expand this effort across approximately 25 combatant command and service exercises. Full assessment of warfighter responses to computer network attack (ability to protect, detect, react, and restore) will be captured in most events. Portrayal of advanced threats will be included in four to six events, and evaluation support to development of enhanced defensive tactics, techniques, and procedures will be provided. FY 2006 information assurance evaluations will include trend analyses compared with FY 2004 and FY 2005 results, both within and across combatant commands. Interoperability evaluation trends will be identified.

FY 2007 Plans:

- Please see Operational Test and Evaluation, Program Element 0605118OTE

Exhibit R-2, RDT&E Budget Item Justification

UNCLASSIFIED

R-1 Line – Item No. 3

Page 3 of 4

UNCLASSIFIED

B. (U) PROGRAM CHANGE SUMMARY

(\$ in Millions)	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007*</u>
FY 2006 President's Budget	43.159	43.928	
FY 2007 President's Budget	43.159	43.162	
Total Adjustments			
Congressional program reductions		.766	
Congressional rescissions			
Congressional increases			
Fiscal Guidance Adjustments			
Inflation Adjustment			
Reprogramming			

C. (U) OTHER PROGRAM FUNDING: NA

D. (U) PERFORMANCE METRICS

Percentage of required operational test planning documents, assessments, and reports applicable to acquisition programs on the OSD Test and Evaluation Oversight List and other special interest programs/legacy systems that are completed and delivered to the appropriate decision makers on time.

Please see PE 0605118OTE for Performance Metrics discussion for FY 2005 actuals and discussion.

Exhibit R-2, RDT&E Budget Item Justification

UNCLASSIFIED

R-1 Line – Item No. 3

Page 4 of 4