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Exhibit R-2, RDT&E Budget Item Justification							Date: February, 2003	
APPROPRIATION/BUDGET ACTIVITY RDT&E, Defense-wide/ Budget Activity 4					R-1 ITEM NOMENCLATURE Coalition Warfare 0603923D8Z			
COST (\$ in Millions)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Total 0603923D Cost	5.685	6.562	5.906	5.896	5.864	5.858	5.852	5.869
Coalition Surveillance & Reconnaissance	1.000							
Coalition Asset Tracking	.050							
Shared Tactical Ground Picture	.200							
Coalition Standards-Based Simulation Environments	.150							
Coalition Readiness Management System	1.500	.560						
JTRS/Bowman Interoperability	.600	.600						
Search and Rescue Info System	.300	.200						
Coalition Wide Area Network-PACOM AOR	.960	1.900						
Quiet Interlude	.500	.400						
Coalition UAV Interoperability	.050	1.000	1.000					
Coalition Warfare Support	.375	.360	.360	.360				
Coalition Field Training Capability		.042						
Quick-Win II – Interoperable Tactical Communications		.200	.200					
Satellite Coalition Broadcast Environment		.400	.256					
Battlefield Combat Identification		.900	.600					
Combat ID/Blue Force Tracking/Situational Awareness			.350	1.000				
Micro-Satellite Cooperation (SOUTHCOM)			.640	.700				
Pervasive Coalition Sensing			.150	.220				
C2 Systems Interoperability (Korea)			1.200	.300				
Biological Defense (Biological Agent ID/Detection)			.550	.516				
Global Missile Defense (STRATCOM)			.600	1.000				
Coalition Precision Strike Technology				1.100	1.000			
Air-to-Air Refueling Coalition Capabilities				.450	.200			
Landmine Countermeasures				.250	.200			

A. Mission Description: The Coalition Warfare (CW) initiative brings added value to the Department's overall international cooperation strategy by providing resources for the U.S. portion of bilateral and multilateral development projects aimed at improving interoperability with allies and other likely coalition partners. Fighting the war on terrorism and coping with the new and emerging threat paradigms have highlighted coalition warfare issues on the radar screens of policy makers and senior leaders throughout the U.S. Government. Coalitions are the preferred means for addressing international crises,

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<p>lending political legitimacy and providing resources that mitigate U.S. financial, materiel and personnel burdens (OPTEMPO). Interoperability gaps between and among coalition partners have compromised operational effectiveness and jeopardized force protection (e.g., fratricidal incidents). Cooperative efforts with likely coalition partners are needed to close interoperability gaps related to C4ISR, combat identification, logistics, weapon systems and training. Moreover, small investments early in the R&D process yield large dividends (e.g., Joint Strike Fighter). The OSD CW initiative encourages PMs and PEOs to involve "transitorily friendly countries" to the extent permitted by security (classified data and critical technology), when such partnering is advantageous to the U.S. Government and necessary in terms of regional threat scenarios.</p> <p>The CW leverages foreign and other U.S. investment in ongoing projects by adding coalition-related enhancements that would otherwise not be realized. Both U.S. and foreign technologies and research may be applied to improve the end product. The CW approach to cooperative RDA projects is totally consistent with OSD-articulated, preferred methodologies: spiral development and evolutionary acquisition (i.e., getting solution-oriented, threshold-capabilities into the hands of the coalition warfighter quickly).</p> <p>Projects benefiting from CW funding fall into one of two categories: those for which the CW funds no more than 50% of the coalition-directed portion, with foreign contributions making up the difference; and those involving CW funding of coalition-oriented features of U.S.-only projects. Priority is given, in both categories, to initiatives offering potential solutions to interoperability issues that can be leveraged across multiple Combatant Commands.</p> <p>Candidate projects are nominated by the Combatant Commands (via their Combatant Command Interoperability Program Offices), Services, Defense Agencies, OSD and, potentially, foreign defense and military agencies. OSD selects projects based on their compatibility with established CW criteria: meeting the needs and requirements specified by the warfighter, funding commitments of international partners, responsiveness to USD (AT&L) priorities for international armaments cooperation and goals of the Nov 02 NATO Prague Summit (capabilities-related commitments), potential for leveraging results across multiple Combatant Commands and potential risks related to security and controlled technology. The USD (AT&L) cooperative acquisition priorities incorporate all of the focus areas emphasized by the International Cooperative Opportunities Group, a forum designed to enhance interoperability among the Five Powers (U.S., UK, FR, IT, and GE) with the further potential of leading and supporting other NATO members in multinational interoperability efforts.</p> <p>Prospective new-start projects are being evaluated in anticipation of action by a review board in May 2003.</p>				
(Dollars in Millions)				
B. Program Change Summary:	FY2002	FY2003	FY2004	FY2005
Previous President's Budget Submit	\$12.943	\$12.444	\$5.906	\$5.896
FY2004 Amended President's Budget Submit	\$6.123	\$12.444	\$5.906	\$5.896
Appropriated Value	\$6.123	\$6.944	\$0	\$0
Adjustments to Appropriated Value				
a. Congressionally Directed Undistributed Reduction	-\$0.279	-\$0.326	\$0	\$0
b. Rescission/Below-threshold Reprogramming, Inflation Adjustment	-\$0.013	-\$0.056	\$0	\$0
c. Other (SBIR)	-\$0.146	-\$0	\$0	\$0
Current President's Budget	\$5.685	\$6.562	\$5.906	\$5.896
C. Other Program Funding Summary	N/A			
D. Execution				

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<p>For the execution year (CY), provide a list of funding recipients within the following categories:</p> <ul style="list-style-type: none">U.S. Army Communication and Electronics Command, New JerseyU.S. Army – Aberdeen (Science Applications International Cooperation contract)U.S. Army – Ft. Belvior (Boeing contract)U.S. Navy Space and Naval Warfare Systems Center, San Diego, CAU.S. Naval Sea Systems Command, Washington Navy Yard, DC	

R-1 Shopping List - Item No