

# OSD RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

May 2009

APPROPRIATION/ BUDGET ACTIVITY <b>RDTE, Defense Wide BA# 4</b>		PE NUMBER AND TITLE <b>0603923D8Z - Coalition Warfare</b>						
COST (\$ in Millions)	FY 2008 Actual	FY 2009 Estimate	FY 2010 Estimate					
P923 Coalition Warfare	9.768	13.246	13.885					

**A. Mission Description and Budget Item Justification:**

The Coalition Warfare Program (CWP) is the only Office of the Secretary of Defense (OSD) program dedicated to initiating cooperative research and development (R&D) projects with allies and coalition partners. The goal of the effort is to assist the Combatant Commands, Services, and Agencies with integrating coalition-enabling solutions into existing and planned U.S. programs. This adds value to the Department's security cooperation strategy through collaborative development of warfighter capabilities to enhance operations of U.S. and coalition forces.

Fighting the war on terrorism and coping with the new and emerging threats have put coalition warfare issues on the radar screens of policy makers and senior leaders throughout the U.S. Government. Coalitions are and will be the standard means for addressing international crises, lending political legitimacy and providing resources that mitigate U.S. financial, materiel, and personnel burdens. Interoperability gaps between and among coalition partners have compromised operational effectiveness and jeopardized force protection (e.g., fratricidal incidents). CWP strives to bridge these gaps, for example, by providing the necessary financial support to enhance coalition fire support capability and promote interoperability and integration of Mode 5 Identification, Friend, or Foe systems for U.S., NATO and allied platforms.

Cooperative efforts with likely coalition partners are needed to close interoperability gaps including those related to battlespace awareness, C4ISR, joint fires, intelligence fusion and data sharing, combat identification, logistics, weapon systems, and information sharing. Moreover, these small investments early in the R&D process yield large dividends and allow for sustainable coalition enabled U.S. systems. The OSD CWP encourages Combatant Commands, Services, Defense Agencies and OSD to involve friendly countries in development projects to meet coalition requirements that would otherwise not be realized. Partner nations participate to the extent permitted by security considerations (classified data and critical technology), when such partnering is advantageous to the U.S. Government and necessary in terms of security cooperation and regional threat scenarios.

The CWP approach to cooperative R&D projects is 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). Projects benefiting from CWP funding fall into one of two categories: those for which CWP funds no more than 50% of the U.S. portion, with foreign contributions making up the difference; and those involving CWP 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.

The Combatant Commands, Services, Defense Agencies, and OSD nominate candidate projects on an annual basis. These projects are funded for one to two years. The Program selects projects based on their compatibility with established criteria, which are based on DoD priorities (e.g. CONPLAN 7500, the QDR Roadmap for Building Partner Capacity, the Combatant Commanders' Integrated Priority Lists), Joint Staff specified needs and requirements, equitable contributions from international partners, potential for transitions, portability across the regional and functional Combatant Commands, responsiveness to USD (AT&L) priorities for international armaments cooperation, and contributing to shaping operations and stability.

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PE NUMBER AND TITLE

**RDTE, Defense Wide BA# 4**

**0603923D8Z - Coalition Warfare**

<u><b>B. Program Change Summary</b></u>	FY 2008	FY 2009	FY 2010	
Previous President's Budget (FY 2008/2009)	9.960	14.030	14.135	
Current BES/President's Budget (FY 2010)	9.768	13.246	13.885	
Total Adjustments	-0.192	-0.784	-0.250	
Congressional Program Reductions		-0.711		
Congressional Rescissions				
Congressional Increases				
Reprogrammings				
SBIR/STTR Transfer	-0.173			
Other	-0.019	-0.073	-0.250	

**C. Other Program Funding Summary:** Not applicable for this item.

**D. Acquisition Strategy:** Not applicable for this item.

**E. Performance Metrics:** Not Applicable.

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APPROPRIATION/ BUDGET ACTIVITY <b>RDTE, Defense Wide BA# 4</b>		PE NUMBER AND TITLE <b>0603923D8Z - Coalition Warfare</b>					PROJECT <b>P923</b>	
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**B. Accomplishments/Planned Program:**

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May 2009

APPROPRIATION/ BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT		
<b>RDTE, Defense Wide BA# 4</b>	<b>0603923D8Z - Coalition Warfare</b>	<b>P923</b>		
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
EUCOM J2 Project		0.300		
(CLASSIFIED)				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Mode 5 Identification Friend or Foe		0.560		
Project is approaching its final flight trials with a NATO E-3 scheduled to participate in the USN Mode 5 Tech Eval. Once complete, project will have developed standards for the Mode 5 IFF combat identification system. Project team conducting interoperability and integration trials of the Mode 5 IFF combat recognition system on joint US service platforms & European AWACS aircraft.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Preplanned Response and Emergency Action (PRACT)		0.465		
Project team has participated in a number of demonstrations at U.S. and international venues. Once completed, project will increase regional stability in the US Southern Commands (SOUTHCOM) Area of Responsibility through the provisioning of a collaborative planning and coordinated response capability (technology and business practices) that enables accurate assessments, situational awareness, dynamic planning, and synchronized response to international disasters.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Everything over Internet Protocol		0.300		
Develop coalition communications interoperability with the Defense Information Systems Network services, for deployed warfighters, utilizing Everything over IP(EoIP) over transponded satellites technology.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Undersea FORCEnet Coalition Interoperability		0.272		
Special Operations and Naval Forces require an Undersea FORCEnet (Unet) architecture for command, control, communications (C3) and positioning of undersea distributed netted systems (UDNS), fixed and mobile, manned and unmanned, including gateways to submarines and space. Coalition assets and connectivity enhance capability, coverage and relevance of this Unet architecture.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Passive, Remote and Open Situation Awareness System		0.450		
Develop a network centric enterprise services architecture for effective use of netted multi-static RF sensors and UAV-based C4ISR systems including: signal processing and target geo-location techniques, remote joint fires, anti-terrorist force protection capability, and human systems integration using a coalition operational scenario to ensure tactics, techniques, and procedures evolve with technologies to enable decision superiority and deliver measurable effects on the battlefield.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Miniature Chemical Warfare Detection Agent		0.250	0.250	

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<b>RDTE, Defense Wide BA# 4</b>	<b>0603923D8Z - Coalition Warfare</b>	<b>P923</b>		
Develop a miniature automated chemical agent detector based on the current M256A1 chemistry. The new detector will provide additional enhancements such as automation, miniaturization, increased user friendliness, decreased detector response time, ability to communicate agent detection to user via audible, visual and/or physical (vibration) method, and the ability to be reused following decontamination. This detector could be used remotely and in limited or no light missions and would greatly improve the protective posture of both the main force and special operation forces.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
US Joint Tactical Radio Systems (JTRS) and UK Bowman Radio C2 Interoperability		0.700	0.700	
Port JTRS Bowman Waveform onto a JTRS platform and demonstrate interoperability between JTRS and Bowman radios. This second phase of the US/UK Bowman project consists of four primary objectives: Mission management task will focus on delivering BOWMAN VHF mission information to the JTRS loader through a representative scenario. Porting JBW and PII to JTRS hardware. Investigation of enhanced interoperability opportunities through HF and UHF waveform development. A JBW demonstration to pass situational awareness information in both directions between peer C2 systems.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Coalition Access to TRANSCOM Regulating C2 Evacuation System (TRAC2ES)		0.375		
Upgrade the existing TRANSCOM Regulating And Command/Control Evacuation System (TRAC2ES) to allow coalition forces access to required functionality while protecting the sensitive information in the TRAC2ES database from unauthorized disclosure.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Tactile Situation Awareness System		0.390	0.380	0.330
Deliver a technology that will reduce the workload of pilots; increase the situational awareness, and reduce the incidence of brownout mishaps in the desert environment.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Distributed Simulation for Coalition Warfare Training		0.070		
Integrate a prototype US Army virtual simulation with US and Coalition Air Force simulators to create a common distributed simulation environment that would support training for a wide range of Joint Interagency, Inter-governmental, and Multi-national operations, including Coalition Warfare.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Stabilized Weapons System Installation		0.790	0.600	
Design and test a stabilized weapon system module for combatant craft boats, in order to provide increased offensive and defensive fires capacity, improved maintenance, and minimum impact to deck arrangements.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Stake Holder Asset-Based Planning Environment		0.450	0.550	0.400
Develop requirements for a joint, interagency, and multi-national response; identify existing and emerging best in class methods and technologies that can support this whole of government and multi-national response; and then deliver those capabilities to the user communities.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Advanced Dynamic Magnetometer for Static and Moving Applications		0.530	0.440	0.430

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Develop a compact and inexpensive micro-fluxgate magnetometer for use in multiple COCOMs.				
<b><u>Accomplishments/Planned Program Title:</u></b>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	
Virtual Regional Maritime Traffic Center	0.310	0.538		
Develop the capability to: detect, track, identify, and display information on surface vessels; identify cooperative traffic; correlate, fuse, monitor, and analyze vessel tracks to enable timely and actionable decisions; collaborate and share MDA information such as vessel ID, manifest, and cargo, with desired users; enable participation in cross-language information sharing among all participants; and eventually, enable Partner Nations to acquire, own, operate, and maintain the capability without US DoD support.				
<b><u>Accomplishments/Planned Program Title:</u></b>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	
US-Singapore Unmanned Vehicle	0.776			
Develop and integrate a remotely operated small arms mount with two SPIKE missiles and .50 caliber gun onto the SPARTAN 7-meter RHIB; to expand operations for SPARTAN over-the-horizon by use of a Tactical Unmanned Air Vehicle.				
<b><u>Accomplishments/Planned Program Title:</u></b>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	
NATO Friendly Force Information (NFFI) Interface Prototype Standard (NIPS) Project	0.210	0.210		
Improve existing defense asset tracking technologies to permit US, allied and/or coalition countries to view personnel and asset position, status, and location information on national or NATO Common Operational/Tactical Pictures. This project will permit greater integration of allied/partner forces into on-going US Blue Force Situational Awareness (BFSa) initiatives. Specifically, the project will focus on: improving the current US Joint Blue Force Situational Awareness (BFSa) extensible markup language (XML) to permit a robust data exchange with future versions of the NATO Friendly Force Information (NFFI) data exchange standard, permitting secure classified transfer of information through the use of robust cross-domain solutions, and migrating this capability into net-enabled command and control (NECC).				
<b><u>Accomplishments/Planned Program Title:</u></b>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	
Optimizing Coalition Leader & Team Operational Readiness to Achieve Technical Interoperability in Network Centric Operations	0.140	0.315		
Define critical knowledge and skills required to work in a multinational net-centric operational environment and develop a repository of NCE human behavior factors for acquisition and operational consideration.				
<b><u>Accomplishments/Planned Program Title:</u></b>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	
Multi-National Turnkey C2	0.480	0.490		
Provide NATO with a repeatable methodology and tools to accelerate C2 interoperability and reduce the ad hoc nature of the HQs formation process. This will enable a NATO HQ to rapidly determine required capabilities based on its specific JTF mission, ID shortfalls, and to develop sourcing solutions.				
<b><u>Accomplishments/Planned Program Title:</u></b>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	
Multinational Virtual Learning Environment (MVLE)	0.290	0.210		
Establish the South Eastern Europe/Black Sea Region Multinational Virtual Learning Environment Training Site and to establish a real-time, online communications that includes a multilingual machine language translation and natural language interface development in support of the Bulgarian, Romanian, and Ukrainian languages.				
<b><u>Accomplishments/Planned Program Title:</u></b>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	
Coalition Warfare Command & Control Interoperability Enhancement	0.847			

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Enhance coalition fire support capability where each Fires Coordination organization of partner nations may coordinate Fires from supporting coalition platforms and other Fires Coordination organizations.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Software Defined Radio Coalition Waveform			0.300	0.500
Define and standardize a US Software Communications Architecture (SCA) Software Defined Radio waveform for interoperable NATO and coalition operations.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Collaborative Portals		0.018	0.018	0.018
Development of web-based collaborative portals to support bilateral and multilateral fora.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
CW Support		0.681	0.693	0.712
Support to OUSD(AT&L)/IC for Coalition Warfare				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Collaborative Initiatives		0.114	0.410	0.240
Engagements with coalition partners to support USD(AT&L) priorities.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
FY 2010 New Starts				5.000
New start projects will be selected during FY10 from proposals that meet criteria based on the DoD priorities that drive coalition capability requirements.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
WiSARD			0.700	0.700
Provide a web service for net-centric, SOA-based operations that will improve streamlined, timely releasability of intelligence products to most trusted allies.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
SOA C2 Gap Filler			0.700	
Prove the service-oriented architecture approach in preparation for large scale implementation. The SOA C2 Gap Filler initiative's operational objectives are to provide NORAD-NORTHCOM air defense operations an interoperable coalition C2 integration and data fusion/correlation capability.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Pathogen Awareness			0.675	0.675
Improve situational awareness and force protection in areas with endemic pathogens in West Africa through use and demonstration of the Resequencing Pathogen Microarray (RPM) platform, data model, and satellite communications.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
FBCB2/SIR Integration			0.200	0.200

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Reduce the time it takes to exchange C2 data and information between U.S. FBCB2 and French SIR. This will be achieved by enabling the data exchange to occur at a lower echelon in the battlespace while meeting the requisite policy, information assurance, national security constraints.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
GPRS Pilot Project			0.350	0.350
Demonstrate an operational assessment involving the recovery of isolated US and coalition personnel and interoperability of the GPRS Implementation Project at a) Hardware level; b) Network level; c) Software application d) Security level.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Passive Detection of Special Nuclear Materials			0.300	0.300
Demonstrate the ability of near-term passive detection systems to achieve stand-off detection of kilogram quantities of special nuclear material and equip boarding party teams to locate and identify small quantities of these materials.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
SOAF Translation Services			0.300	0.300
Integrate high-quality machine translation (MT) products from multiple MT developers to the SOAF-A, and create accessible and reliable MT web services on a secure network. Improvements are: text-to-text translation of Thai, Korean, Japanese and Indonesian, and Character Recognition (CR) of Arabic, Urdu, and Pashto, and machine translations of Chinese, Indonesian and Malay				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
ADNS Coalition Network Interoperability			0.500	0.500
Demonstrate an interoperable, manageable, and secure coalition network based on existing and emerging standards, using, where possible, commercial services and products. The end goal is a managed IP network supporting and facilitating C2 between coalition platforms supporting a joint operation.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
GPS Receiver Core			0.250	0.250
Enable coalition users to take advantage of commercial, off-the-shelf GPS display and mapping software without relying on the civilian GPS engines.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Ultra High Performance Concrete Characterization			0.750	0.750
Fully characterize the material properties of UHPC as it reacts to blast, penetration, Mach Stem and Munroe Effects. This characterization will be accomplished in two concurrent phases and will determine production requirements, material characterization and modeling.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Common Ground			0.575	0.550
Provide a common geospatial information foundation supporting coalition C2 processes to include planning, intelligence preparation of the battlespace, course of action analysis, mission rehearsal, and execution monitoring.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>

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International Recognition of Combat Vehicles		0.550	0.200	
Collect and process imagery of coalition platforms for inclusion into Recognition of Combat Vehicles and provide a sharing capacity of the trainer to all participating nations.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Maritime Domain Awareness-West Africa		0.550	0.475	
Expand and improve automation of existing SAR analysis tools and use these software tools to analyze SAR imagery covering the Exclusive Economic Zone of West and Central African nations.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
ITA Sensors		0.500	0.700	
Develop a set of sensor & policy algorithms and software tools for networking disparate ISR assets from coalition forces. The resulting sensor & policy networking technology will jointly address the physical constraints of sensor networks and policy of sharing information.				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Comprehensive Maritime Awareness--India			0.305	
Develop a multilateral information exchange capability to maximize sharing of MDA quality information between the United States and India				
<b><u>Accomplishments/Planned Program Title:</u></b>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
AT&L Program Reductions			0.242	

Program reductions

**C. Other Program Funding Summary:** Not applicable for this item.

**D. Acquisition Strategy:**

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FY09 new starts support the following commands: AFRICOM, EUCOM, NORTHCOM, and JFCOM. New start projects include development of a coalition waveform for software defined radios, U.S. FBCB2 and French SIR interoperability improvement, situational awareness and force protection in areas with endemic pathogens, demonstration of the ability of near-term passive detection systems to achieve stand-off detection of kilogram quantities of special nuclear material, among others.

**E. Major Performers:** Not applicable for this item.

# OSD RDT&E COST ANALYSIS (R3)

BUDGET ACTIVITY			PE NUMBER AND TITLE							PROJECT				
<b>4 - Advanced Component Development and Prototypes (ACDP)</b>			<b>0603923D8Z - Coalition Warfare</b>							<b>P923</b>				
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date					
Coalition Warfare Program			11365	9768	1Q	13246	1Q	13885						
Subtotal:			11365	9768		13246		13885						
II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date					
Subtotal:														
III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date					
Subtotal:														
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date					
Subtotal:														
<b>Project Total Cost:</b>			<b>11365</b>	<b>9768</b>		<b>13246</b>		<b>13885</b>						

# Schedule Profile (R4 Exhibit)

May 2009

BUDGET ACTIVITY  
**4 - Advanced Component Development and Prototypes (ACDP)**

PE NUMBER AND TITLE  
**0603923D8Z - Coalition Warfare**

PROJECT  
**P923**

Event Name	FY 08				FY 09				FY 10															
	1	2	3	4	Final	Demos	Wrap-up	3	4															
(1) FY 07-08 Projects																								
FY 08-09 Projects																								
(2) FY 08-09 Projects					Development				Final Demos/Wrap-up															
FY 09-10 Projects																								
(3) FY 09-10 Projects					Development				Final Demos/Wrap-up															
FY 10-11 Projects																								
(4) FY 10-11 Projects	Development				Final Demos/Wrap-up																			

# Schedule Profile (R4a Exhibit)

May 2009

BUDGET ACTIVITY

**4 - Advanced Component Development and Prototypes (ACDP)**

PE NUMBER AND TITLE

**0603923D8Z - Coalition Warfare**

PROJECT

**P923**

<u>Schedule Detail</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>					
FY 07-08 Projects		4Q						
FY 08-09 Projects	1Q - 4Q	1Q - 4Q	1Q - 4Q					
FY 08-09 Projects			4Q					
FY 09-10 Projects		1Q - 4Q	1Q - 4Q					
FY 09-10 Projects								
FY 10-11 Projects			1Q - 4Q					