Exhibit R-1, RDT&E Budget Item Justification							Date: January 2003	
Appropriation/Budget Activity RDT&E, DW Budget Activity 7				R-1 Item Nomenclature: PE0605127T PIMS				
Cost ($ in millions)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Total PE Cost	1.894	2.738	1.934	2.012	2.048	2.058	1.898	1.944
Partnership for Peace (PfP) Information Management System (PIMS)	1.894	2.738	1.934	2.012	2.048	2.058	1.898	1.944
Project								

A. Mission Description and Budget Item Justification:

The Partnership for Peace Information Management System (PIMS) is a DOD leadership project supporting enhanced cooperation, bilaterally and multilaterally, in accordance with US policy and to US benefit. Firmly based on priority requirements, the Program has established a common, dedicated information infrastructure that has given allies and Partner countries the ability to access and exchange information critical to the cooperative growth activities underpinning the spirit of PfP. PIMS is part of the NATO Enlargement Facilitation Act of 1996 and implements the Congressional endorsement for the modernization of Defense capabilities in eligible PfP countries relative to the telecommunications infrastructures. R&D funding is essential to ensuring PIMS ability to support this mandate and to assist in the transformation of security cooperation through information technology. PIMS provides the PFP critical new focus on the long-term global war on terrorism via the confluence of technology, security cooperation, and education. PIMS supports preparation for future coalition initiatives through the development and integration of a full range of databases and advanced IT applications to support the practical aspects of US and NATO approved PfP cooperative activities. In addition, special capabilities such as mapping and geodesy, multinational digitized imagery, and data derived from remote sensing technologies must al be integrated in PIMS if it is to provide the requisite mission support services necessary to achieve the interoperability/integration goals outlined in Joint Vision 2020 for working in concert with allied and coalition forces, especially in order to effectively coordinate counter-terrorism education and training efforts within this strategic region. This is particularly important in areas where the infrastructure is developing and areas where environmental and geopolitical conditions are unsettled. PIMS assist in building allied and friendly military capabilities while providing US forces with peacetime and contingency access and can augment future en route infrastructure support. PIMS R&D funding will also be critical to the development of system enhancements necessary to support the proposal to build an improved PfP education and training framework. The plan envisions a lead role for PIMS to provide research, development, and specialized engineering services in support of a distributed education environment via a Consortium of Defense Academies and Security Institutes; and exercise simulation network; and a cooperative network of nationally sponsored PfP training centers. In support of the transformation of security cooperation, a pillar of the DoD framework to change warfighting capabilities, PIMS has established a cooperative project with the National Defense University (NDU) for collaborative curricula development and integration of Advanced Distributed Learning capabilities to promote international professional military education requirements that advance contemporary doctrine, policies, and procedures to enhance political-military relationships and international security objectives. Other senior DOD policy directed PIMS initiatives include an electronic crisis information exchange capability, bilateral emergency medicine curriculum development, and environmental security initiatives. Finally, R&D dollars must be made available for PIMS technical development efforts associated with the Defense Information Infrastructure (DII), Global Information Grid (GIG) interoperability initiatives, and conformance with the Clinger-Cohen Act.

B. Program Change Summary:

	FY 2002	FY 2003	FY 2004	FY 2005
Previous President's Budget	1.922	1.920	1.934	2.012
Current BES/President's Budget	1.894	2.738	1.934	2.012
Total Adjustments				
Congressional rescissions				
Congressional increases		.891		
Reprogrammings	(.028)	(.023)		
SBIR/STTR Transfer				

Change Summary Explanation: The Congress provided an addition $.891K in FY 2003 to assist PIMS in it technical upgrades as well as develop a model that could be applied to other geographic regions focused on civil-military relations in the areas of law enforcement, border control, energy security and other disciplines critical in the war on terrorism

Exhibit R-2, RDT&E Budget Item Justification									**Date:** January 2003	
APPROPRIATION/BUDGET ACTIVITY RDT&E, Defense Wide, Budget Activity 7					**R-1 ITEM NOMENCLATURE** PE 0605127T "PIMS"					
COST ($ in Millions) Partnership for Peace Information Management System (PIMS)	**FY 02**	**FY 03**	**FY 04**	**FY 05**	**FY 06**	**FY 07**	**FY 08**	**FY 09**	**Cost to Complete**	**Total Cost**
Total PE Cost	1.894	2.738	1.934	2.012	2.048	2.058	1.898	1.944	Continuing	Continuing

A. Mission Description and Budget Item Justification

This is a DOD leadership project supporting focused security cooperation, bilaterally and multilaterally, in accordance with US policy and to US benefit. Firmly based on priority requirements, the Program is supported by a dedicated information infrastructure that has given allies and Partner countries the ability to access and exchange information critical to the cooperative growth activities underpinning the spirit of PfP. PIMS is part of the NATO Enlargement Facilitation Act of 1996 and implements the Congressional endorsement for the modernization of Defense capabilities in eligible PfP countries relative to their telecommunications infrastructures. R&D funding is essential to ensuring PIMS can support this mandate and support new cooperative initiatives in the global war on terrorism.

PIMS supports PfP preparation for future coalition initiatives by developing a full range of databases and advanced IT applications to support the practical aspects of US and NATO-approved PfP cooperative activities. In addition, special capabilities such as mapping and imagery, multinational digitized imagery, and data derived from remote sensing technologies must also supported by PIMS if it is to provide the requisite mission support services necessary to achieve the interoperability/integration goals outlined in Joint Vision 2020 for working in concert with allied and coalition forces. R&D funding is critical to the development of system enhancements necessary to support the proposal for building an improved PfP education and training framework. The plan envisions our role to provide research, development, in support of a electronically enriched education environment via a Consortium of Defense Academies and Security Institutes; an exercise simulation network; and a cooperative network of nationally sponsored PfP training centers. Other senior DOD directed initiatives include an electronic crisis information exchange capability among the countries of Southeastern Europe. Growth of this subregional network is contingent upon project developmental efforts necessary to support a successful multinational crisis response and infrastructure repair coordination tool. Finally, R&D dollars must be made available for PIMS technical developmental efforts associated with DoDs Global Information Grid (GIG) interoperability initiatives, conformance with the Clinger-Cohen Act, and expanded work in the transformation of security cooperation via information technology.

Program Plans

- Cooperative Development activities in support of U. S. objectives tailored to PfP mission enhancement (i.e. GWOT, Peacekeeping, Emergency Planning, Professional Military Education, Mobile Military Medical Curriculum development and Exercises). These projects are designed to support interoperability by enhancing partner capabilities to act bi-laterally and regionally. ($1.42 million)

- Research, testing, evaluation, and integration of AIS security guards, filters, firewalls, internet security, and anti-virus guards to enhance bilateral and NATO interoperability and technologies, implement Virtual Private Network (VPN) to secure PIMS links into a public network, use Public Key Infrastructure (PKI) to secure and authenticate access to the PIMS architecture, to support incorporation of the Defense Message System and other C3I, J-6, and DISA policy-driven improvements to the Defense Information Infrastructure. Future

integration of "tunneling technologies to support future US and alllied classified information sharing ($0.25 million)

- System enhancements in support of Emergency Planning which leverage new communications technologies, wireless applications, hand-held electronic devices (cameras, electronic mail, electronic notebook), and software to maximize PIMS accessibility, flexibility, and utility in support of increased US DOD processing requirements for preparedness in coalition operations (simulation, tools, exercise support, and interactive training), Storage Area Network (SAN) for the PfP hub to accommodate the expanding PIMS capabilities, provide the PIMS infrastructure with greater efficiency, manageability, scalability, and to link network hosts to multiple storage devices for data sharing among PIMS users.   ($0.25 million)

Specific Application and Process Improvements represent specific types of program and system improvements that will directly support development of OSD databases, interoperability initiatives, and major communications enhancements. In addition, funds will provide directly support to the PIMS Program Office in implementing the multiple facets of the PIMS program for both US and Partners.

B. Program Change Summary:

	FY 2002	FY 2003	FY 2004	FY 2005
Previous President's Budget	1.922	1.920	1.934	2.012
Current BES/President's Budget	1.894	2.738	1.934	2.012
Total Adjustments				
Congressional rescissions				
Congressional increases		.841		
Reprogrammings	(.028)	(.023)		
SBIR/STTR Transfer				

Change Summary Explanation

US Policy has put increased emphasis on DOD development of information capabilities that will serve not only coalition efforts in military operations but that will support non-traditional arenas such as Civil Emergency Planning. Additionally, enhanced technical and procedural interoperability among US organizations, PfP nations, and allies remains a high priority in post conflict scenarios such as SFOR/KFOR/ISAF.

C. Other Program Funding Summary

	FY 02	FY 03	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	To Complete	Total Cost
O&M (PfP)									TBD	TBD
O&M (PfP – PIMS)	6.748	7.0	7.0	7.0	7.0	7.0	7.0	7.0	Continuing	
Total PfP									TBD	TBD

D. Acquisition Strategy:

The program employs an evolutionary strategy by establishing a well-defined model for each of the developmental projects that can be exported
into any geographic location. The program uses a regional approach. Each project is treated as an individual acquisition; its scope and content the result of national and regional assessments of partner capabilities and U. S., NATO and partner requirements. These evaluations include a description of local infrastructure (I.T., Electric, facilities, etc.) By partnering with other USG agencies, existing assets are leveraged to preserve US investments, avoid duplication of effort between agencies, and offer an economically prudent solutions to improve information sharing and achieve U.S. Security Cooperation goals.

E. Schedule Profile
Per developmental milestones listed below.

	FY 2002	FY 2003	FY 2004	FY 2005
Quarter	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Milestone I				X
II				X
III				X
IV				X

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I. Cooperative development of Civil-Military Emergency Planning (CMEP) capabilities in partner nations - *PIMS cooperative development of CMEP*
capabilities with partner nations in the Caucasus and Central Asia not only builds individual partner capacity and sub-regional cooperation but also supports the activities of the USDOD Executive Agent for CMEP, DAMO-CMEP, and complements the efforts of the Euro-Atlantic Disaster Response Coordination Center (EADRCC). PIMS leverages earlier successful and continuing efforts with partner nations in the Baltic, Transcarpathian, and South Eastern Europe regions.

Assessment of priorities and capabilities (Caucasus, Central Asia) (1QFY04)
Co-development of regional priorities that complement multiple U.S./International goals (3QFY04)
Design & establish National/Regional data repositories (4QFY04)
Enhance partner capabilities in critical interoperable skills (i.e. geo-spacial mapping and imagery, emergency medical services,..)
     (2QFY05)
Capture experiences and lessons learned from workshops/exercise for development of future curricula. (4QFY05)

II. Cooperative development of military medical readiness capabilities in Partner nations - *The MMR Project involves familiarizing the user with military medical procedures, philosophies, equipment and material based on U.S., NATO, and partner standards and capabilities to enhance the future coalition environment. Activities for the MMRP include enhancing relationships through peer-to-peer virtual environment, improved communications, shared resources; and participating in follow-on exercises and events. These efforts serve as a magnet for development of curricula and databases associated with military medicine.*

Assessment of national/regional priorities and capabilities of all partner nations (4QFY03)
Design & establish National/Regional bi-lingual virtual working groups (1QFY04)

Co-development of regional priorities that complement multiple U.S./International goals (2QFY04)

Enhance partner capabilities in critical interoperable skills (i.e. mobile military medical unit, first responders, telemedicine etc.) (3QFY05)

Capture experiences and lessons learned from workshops/exercise for development of future curricula (4QFY05)

III. Cooperative development of Professional Military Education capabilities in partner nations - *Cooperative development of new curricula with U.S. and International institutions to support focused security cooperation goals and further security sector reform. Support to the Partner National Defense Academies and Security Studies Institutes in the professionalization of the military and developmental activities associated with devising electronically enriched resources available for future cooperative development.*

Assessment of priorities and capabilities of all partner nations (4QFY03)

Co-development of regional priorities that complement multiple U.S./International goals with the National Defense University, associated PME regional centers (e.g. George C. Marshall Center), and the PfP Consortium of Defense Academies and Security Studies Institutes (2QFY04)

Design & establish National/Regional data repositories to support start-up of partner National Defense Academies and related PME institutions (4QFY04)

Capture experiences and lessons learned from workshops/exercise for development of future curricula (2QFY05)

In accordance with U.S.-Swiss MOU, implement next generation PfP Consortium knowledge management capabilities (4QFY05)

IV. Develop enhanced Enterprise Network Architecture to support evolving cooperative development requirements - *PIMS network infrastructure and system(s) are obsolete, and difficult to support. Technology must be upgraded to support the results of cooperative development projects. Software and hardware components have reached the end of their lifecycle and are no longer supported by the manufacture. The system requires major upgrade to expand, grow and provide needed collaborative tools such as video teleconferencing, virtual workspace environments, and Voice Over Internet Protocol (VoIP).*

Test and evaluate new collaborative software tools to enhance virtual workspace environment (2QFY04)

Develop a deployable information technology (IT) and communications support system for event support (1QFY04)

Design and build prototype, and test the successor IT and communications partner collaboration suites (2QFY04)

Perform system security accreditation and obtain Interim Authority to Operate (3QFY04)

Develop and deliver a system for centralized network management 2QFY05)

Complete system security accreditation and achieve final operating capability (FOC). (3QFY05)