

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)						DATE February 2000		
APPROPRIATION/BUDGET ACTIVITY RDT&E, Defense-Wide/RDT&E Management Support - BA6				R-1 ITEM NOMENCLATURE Counterproliferation Support; 0605160BR				
Cost (In Millions)	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	Cost to Complete
Total 0605160BR Cost	9.1	5.3	0.0	0.0	0.0	0.0	0.0	Realigned
Project P542 CP Architecture Studies and Management Oversight	7.1	5.3	0.0	0.0	0.0	0.0	0.0	Realigned
Project P545 Nuclear Matters	2.0	0.0	0.0	0.0	0.0	0.0	0.0	Transferred

A. Mission Description and Budget Item Justification - In August 1994, DoD established the Counterproliferation Support Program specifically to address the DoD shortfalls in counterproliferation operational capabilities documented in the May 1994 Report to Congress titled *Report on Nonproliferation and Counterproliferation Activities and Programs*. Counterproliferation Support Program funds were designed to leverage DoD acquisition programs to meet the counterproliferation priorities of the Commanders-in-Chief (CINCs) of the Combatant Commands and accelerate deployment of enhanced capabilities to the field. Specifically, the goal of the Counterproliferation Support Program was to improve specific military counterproliferation capabilities by (1) building on ongoing programs in the Services, DoD agencies, Department of Energy and US Intelligence; (2) focusing on the most critical counterproliferation shortfalls to address major gaps in deployed capabilities (as reflected in the CINCs' priorities and the Counterproliferation Review Committee's (CPRC) prioritized list of counterproliferation Areas for Capability Enhancement); (3) leveraging existing program funding to more rapidly field capabilities by accelerating the deliverables of DoD programs; (4) identifying and enhancing development of high payoff technologies to accelerate capabilities to the warfighter; (5) identifying and promoting key non-material initiatives that complement technological advances; (6) transitioning Counterproliferation Support Program projects to the Services as soon as practicable; and (7) procuring counterproliferation unique development products for the CINCs.

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A. Mission Description and Budget Item Justification (cont'd) -

Counterproliferation (CP) is the activity in DoD to combat the spread of nuclear, biological, and chemical (NBC) weapons and their means of delivery. Activities include arms and export control, intelligence collection and analysis, counterforce, active defense, passive defense, and consequence management. Effective in October 1998, DoD created a single agency, the Defense Threat Reduction Agency (DTRA), which is responsible for all the counterproliferation activities except active defense and intelligence. The DTRA now manages the former Counterproliferation Support Program. Focusing counterproliferation activities in DTRA will improve integration and further leverage warfighter capabilities. The funds in this program element support requirement identification; monitoring the technology base for exploitation; oversight/management for the Counterproliferation Support Program; studies and technical analyses to determine the best combination of technologies, acquisition programs, doctrine and concepts of operation to provide CINCs' required capabilities; and CP investment strategy (master plan) development.

During its first year of operation, DTRA faced many challenges in the process of focusing agency organization and resources to the threat reduction mission. This has required a transition from predecessor agencies' legacy programs and support baseline resources to integrated DTRA programs and resources. Particular attention has been devoted to realigning the research and development investment programs. The projects in this PE have been realigned in FY 2001.

To better support the DTRA program and resource structure, a new program element (PE) code construct has been designed and approved.

After FY 2000, Project 542, CP Architecture Studies and Management Oversight, is realigned to Project BK in PE 0603160BR.

After FY 1999, Project 545, Nuclear Matters, is transferred to Director, Defense Research and Engineering (DDR&E) where the management responsibilities remain.

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Project P542 - Counterproliferation Architecture Studies and Management/Oversight - The Defense Threat Reduction Agency (DTRA) has been designated by the Secretary of Defense as the focal point for counterproliferation (CP) activities. The CP Program provides this focus of activities within the DoD. This project provides essential technical, architectural and integration support to the CP Program. The project will (1) conduct analyses and planning activities necessary for program development, project prioritization and management oversight; (2) prepare required program deliverables such as the annual CP Report to Congress and internal DoD and interagency documents; and (3) provide technical and analytical support to the established CP review groups, including the Congressionally mandated Counterproliferation Program Review Committee (CPRC). This project provides critical support to the DTRA for conducting the day-to-day operations of the CP Program and in providing necessary management oversight.

FY 1999 Accomplishments

Warfighters' CP requirements (\$3,360K)

Identified and integrated warfighters' CP requirements.

Developed and maintained a CP master plan for DoD.

Supported CP technical analyses and technical program oversight.

Coordinated CP interagency program and integrated activities (CPRC, Nonproliferation and Arms Control Technology Working Group).

Delivered the CPRC Annual Report to Congress.

Participated in CINC exercises to demonstrate value added from new CP capabilities.

Supported OSD and Joint Staff analysis for NBC weapons effects on a U.S. campaign.

CP architectural studies and technical assessments (\$3,741K)

Conducted trade-off analyses of contributions of selected DoD acquisition efforts to DoD counterproliferation capabilities.

- Assessed technology needs to enable U.S. forces to engage and defeat potential adversaries who proliferate NBC weapons.
- Assessed hard target kill technologies including mission planning tools, battle damage assessment and intelligence preparation of the battlefield.
- Assessed first responder/Special Operations Forces (SOF) CP technology needs.

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Project P542 Counterproliferation Architecture Studies and Management/Oversight (cont'd) -
 Monitored the technology base for exploitation.
 Supported the warfighter by identifying non-material solutions and delivering material solutions to required CP capabilities.
 Defined and planned for new advanced concept technology demonstrations to meet CINC needs.
 Continued CP Capabilities Working Group.

FY 2000 Plans

Warfighters' CP requirements (\$2,622K)
 Maintain a CP master plan for DoD.
 Support CP technical analyses and technical program oversight.
 Coordinate CP interagency program and integrate activities (CPRC, Nonproliferation and Arms Control Technology Working Group).
 Deliver the CPRC Annual Report to Congress.
 Participate in CINC exercises to demonstrate value added from new CP capabilities.
 CP architectural studies and technical assessments (\$2,649K)
 Conduct trade-off analyses of contributions of selected DoD acquisition efforts to DoD counterproliferation capabilities.
 - Assess new Service technology areas to support CP activities.
 - Assess CP technologies for exploitation and inclusion in the CP master plan.
 Monitor the technology base for exploitation.
 Support the warfighter by identifying non-material solutions and delivering material solutions to required CP capabilities.
 Define and plan for new advanced concept technology demonstrations to meet CINC needs.
 Continue CP Capabilities Working Group.

FY 2001 Plans

Funding and activities realigned to Project BK in PE 0603160BR.

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Project P545 - Nuclear Matters - Nuclear weapons receive special consideration within OSD because of political and military importance, destructive power and potential consequences of an accident or an unauthorized act. Consequently, nuclear weapons issues must receive senior level attention and action/support. Complex and demanding issues exist pertaining to stockpile levels and stockpile maintenance and stewardship in collaboration with the Department of Energy, especially in view of an aging stockpile and the moratorium on underground nuclear testing. Project 545 provides support for analysis and assessments of issues associated with the reliability, safety, security, transportation, command and control, maintenance, storage and sustainability of the enduring stockpile.

FY 1999 Accomplishments

Nuclear Matters (\$2,012K)

- Provided DoD oversight of DOE stockpile stewardship activities.
- Supported Nuclear Weapons Council.
- Supported activities of CP to combat international terrorism and proliferants.
- Supported DoD policy formulation on nuclear weapons safety, use control, survivability, certification, transportation and reliability.
- Completed analyses and supported activities for senior level advisory groups.

FY 2000 Plans

Funding and activities transferred to PE 0605160D8Z.

