

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)							DATE		
							February 1999		
APPROPRIATION/BUDGET ACTIVITY					R-1 ITEM NOMENCLATURE				
RDT&E, Defense-Wide/RDT&E Management Support - BA6					Counterproliferation Support; 0605160BR				
Cost (In Millions)	FY1998	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	Cost to Complete
Total 0605160BR Cost	0.0	9.3	5.3	4.6	4.8	5.1	5.2	5.4	Continuing
Project P542 CP Architecture Studies and Management Oversight	0.0	7.3	5.3	4.6	4.8	5.1	5.2	5.4	Continuing
Project P545 Nuclear Matters	0.0	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 are used to leverage DoD acquisition programs to meet the counterproliferation priorities of the Commanders-in-Chief (CINCs) of the Combatant Commands and accelerate the deployment of enhanced capabilities to the field. Specifically, the goal of the Counterproliferation Support Program is 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 Enhancements); (3) leveraging existing program funding to more rapidly field capabilities by accelerating the deliverables of DoD programs; (4) identifying and enhancing the 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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Mission Description and Budget Item Justification (cont'd) -

Counterproliferation (CP) is the activities in DoD to combat the spread of nuclear, biological, and chemical (NBC) weapons and their means of delivery. These 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), who is responsible for all the counterproliferation activities except active defense and intelligence. The DTRA now manages the Counterproliferation Support Program. The focusing of counterproliferation activities in DTRA will improve integration and further leverage capabilities for the warfighter. 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.

After FY 1999, Project 545, Nuclear Matters, is transferred to 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 Support Program provides this focus of activities within the DoD. This project provides essential technical, architectural and integration support to the CP Support 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 the critical support necessary to support the DTRA in conducting the day-to-day operation of the CP Support Program and in providing the necessary management oversight.

FY 1998 Accomplishments

Funding and activities accomplished under PE 0605160D8Z.

FY 1999 Plans

System Engineering and Technical Analysis (\$3,360K)

Identify and integrate warfighters' CP requirements.

Develop and 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 the value added from new CP capabilities.

Support PA&E and Joint Staff analysis for NBC weapons effects on a US campaign.

Conduct CP architectural studies and technical assessments (\$3,935K)

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

- Assess technology needs to enable US forces to engage and defeat potential adversaries who proliferate NBC weapons.

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Project P542 Counterproliferation Architecture Studies and Management/Oversight (cont'd) -

- Assess hard target kill technologies including mission planning tools, battle damage assessment and intelligence preparation of the battlefield.
- Assess first responder/SOF CP technology needs.

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 2000 Plans

Warfighters' CP requirements (\$2,304K)

Develop and 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 the valued added from new CP capabilities.

Conduct CP architectural studies and technical assessments (\$3,011K)

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.

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Project P542 Counterproliferation Architecture Studies and Management/Oversight (cont'd) -
FY 2001 Plans

Warfighters' CP requirements (\$1,373K)

Develop and 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 the valued added from new CP capabilities.

Conduct CP architectural studies and technical assessments (\$3,256K)

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

- Assess technologies supporting CINC CP priority capability needs.

- Assess technologies for inclusion in a follow-on advanced concept technology demonstration.

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.

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Project P545 - Nuclear Matters - Nuclear weapons receive special consideration within OSD because of the political and military importance, their destructive power and the 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 1998 Accomplishments

Funding and activities accomplished under PE 0605160D8Z.

FY 1999 Plans

Nuclear Matters (\$2,012K)

DoD oversight of DOE stockpile stewardship activities.

Nuclear Weapons Council support.

Support activities of CP in the conduct of international foray.

Support to DoD policy formulation on nuclear weapons safety, use control, survivability, certification, transportation and reliability.

Analyses and support activities for senior level advisory groups.

FY 2000 Plans

Funding and activities transferred to PE 0605160D8Z.

FY 2001 Plans

Funding and activities transferred to PE 0605160D8Z.

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<u>B. Project Change Summary</u>	<u>FY1998</u>	<u>FY1999</u>	<u>FY2000</u>	<u>FY2001</u>	<u>Total Cost</u>
Previous President's Budget	0	9.9	9.7	10.3	Continuing
Current President's Budget	0	9.3	5.3	4.6	Continuing

Funds for Project P545, Nuclear Matters, were transferred to DDR&E into PE 0605160D8Z where the management responsibilities remain and to PE 0603160BR to fund SOCOM requirements.

C. Other Program Funding Summary:

	<u>FY1998</u>	<u>FY1999</u>	<u>FY2000</u>	<u>FY2001</u>	<u>FY2002</u>	<u>FY2003</u>	<u>FY2004</u>	<u>FY2005</u>
PE 0605160D8Z, Counterproliferation Management Support P545	1.3	0	0	0	0	0	0	0