

Subject: Improvised Explosive Device (IED) - Defeat	DoD Serial Number: FY 05-44 IR
Appropriation Title: Various Components' Appropriations	
Includes Transfer? Yes	

Component Serial Number: Line Item a	<i>(Amounts in Thousands of Dollars)</i>							
	Program Base Reflecting Congressional Action		Program Previously Approved by Sec Def		Reprogramming Action		Revised Program	
	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
	b	c	d	e	f	g	h	i

This reprogramming action transfers \$54.753 million from the Iraq Freedom Fund (IFF), 04/06, appropriation to Operation and Maintenance, Army, 05/05, appropriation (\$6.683 million), Operation and Maintenance, Navy, 05/05, appropriation (\$.600 million), Operation and Maintenance, Air Force 05/05, appropriation (\$.250 million), Operation and Maintenance, Defense-Wide 05/05, appropriation (\$3.4 million), Other Procurement, Army, 05/07, appropriation (\$16.5 million), Other Procurement, Navy, 05/07, appropriation (\$1.750 million), Research, Development, Test, and Evaluation, Navy, 05/06, appropriation (\$3.850 million), Research, Development, Test, and Evaluation, Air Force, 05/06, appropriation (\$1.720 million), and Research, Development, Test, and Evaluation, Defense-Wide, 05/06, appropriation (\$20.0 million). This transfer is in accordance with provisions in Title IX of Public Law 108-287, the DoD Appropriations Act, 2005.

<u>FY 2005 REPROGRAMMING INCREASES:</u>	<u>+54,753</u>
<u>Operation and Maintenance, Army, 05/05</u>	<u>+6,683</u>
<u>Budget Activity 1: Operating Forces</u>	
16,561,581	16,635,098
	+6,683
	16,641,781

Explanation: Funding continues the on-going Buckeye initiative that is operating in theater (\$2.376 million). Buckeye is a photogrammetric camera and high speed processing system that is mounted on a helicopter and is used to identify changes and locate Improvised Explosive Device (IED). Funding also supports procurement and fielding of new, promising solutions to the IED threat proposed by both industry and the national labs that will address deficiencies highlighted by IED gap analyses (\$4.0 million). In addition, funding will be used to pay for the Cultural Preparation of the Environment initiative (\$.307 million). This initiative will facilitate collection and organization of cultural information for turnover from one unit to another. This information will provide forces in theater the ability to access cultural expertise in order to understand behavior critical to countering IED attacks.

<u>Operation and Maintenance, Navy, 05/05</u>	<u>+600</u>
<u>Budget Activity 1: Operating Forces</u>	
22,218,178	22,710,376
	+600
	22,710,976

Explanation: Funding supports the Electronic Countermeasures (ECM) Convoy Planning Tool initiative. This initiative will establish a database that will help commanders establish a vehicle spacing and ECM configuration to ensure the best ECM protection for convoys traveling in theater. Funds will support permanent hosting of the software on an established website and sustained threat analyses and system updates.

Approved (Signature and Date)



APR 6 2005

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<u>Operation and Maintenance, Air Force, 05/05</u>						<u>+250</u>		
<u>Budget Activity 1: Operating Forces</u>								
		15,867,337		15,867,337		+250		15,867,587

Explanation: Funding supports the Joint IED Neutralizer initiative. This system provides a capability to detonate roadside IEDs by using different electrical waveforms, voltages, and energy levels.

<u>Operation and Maintenance, Defense-Wide, 05/05</u>						<u>+3,400</u>		
<u>Budget Activity 1: Operating Forces</u>								
		2,823,318		2,823,318		+3,400		2,826,718

Explanation: Funding pays for a web-based capability for complex searching and data gathering in support of the IED Defeat mission. The software supports tailored queries and includes an Arabic text translation capability.

<u>Other Procurement, Army, 05/07</u>						<u>+16,500</u>		
<u>Budget Activity 2: Communications and Electronics Equipment</u>								
Rapid Aerostat Initial Deployment (RAID) -						+5,500		5,500

Explanation: Funding procures 55 Advanced Field Artillery Tactical Data System (AFATDS) Link Upgrades to support 17 fielded (Rapid Aerostat Initial Deployment) RAID systems and 38 RAID systems requested in the FY 2005 Supplemental Request. RAID is a force protection sensor on an elevated platform (aerostat, tower, or mast) that provides 24/7, 360-degree, high resolution visual coverage. RAID combats against IED, mortar, rocket propelled grenade, and small arms attacks. This upgrade will allow video imagery to be downlinked to command locations for simultaneous, real-time viewing and also to be linked into the Army's AFATDS system for an automatic "slue to cue" capability. This upgrade will result in significantly improving the warfighter's ability to respond to the data provided by the RAID system.

<u>Budget Activity 3: Other Support Equipment</u>								
<u>Rapid Equipping Soldier Support Equipment</u>								
		128,777		153,261		+11,000		164,261

Explanation: Funding supports procurement and fielding of new, promising solutions to the IED threat proposed by both industry and national labs that will address deficiencies highlighted by IED gap analyses.

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<u>Other Procurement, Navy, 05/07</u>						<u>+1,750</u>		
<u>Budget Activity 4: Ordnance Support Equipment</u>								
Explosive Ordnance Disposal Equipment								
		28,358		31,274		+1,750		33,024

Explanation: Funding supports the Electronic Countermeasures (ECM) Convoy Planning Tool initiative. This initiative will establish a database that will help commanders establish a vehicle spacing and ECM configuration to ensure the best ECM protection for convoys traveling in theater. Funds will be used to procure the required electronic equipment.

<u>Research, Development, Test, and Evaluation, Navy, 05/06</u>						<u>+3,850</u>		
<u>Budget Activity 4: Advanced Component Development & Prototypes</u>								
0603654N Joint Service Explosive Ordnance Development								
		21,243		21,243		+3,850		25,093

Explanation: Funding supports the Electronic Countermeasures (ECM) Convoy Planning Tool initiative. This initiative will establish a database that will help commanders establish a vehicle spacing and ECM configuration to ensure the best ECM protection for convoys traveling in theater. Funds will be used for testing and development of the system at Yuma Proving Grounds.

<u>Research, Development, Test, and Evaluation, Air Force, 05/06</u>						<u>+1,720</u>		
<u>Budget Activity 4: Advanced Component Development & Prototypes</u>								
0603287F Physical Security Equipment								
		24,621		24,621		+1,720		26,341

Explanation: Funding supports continued testing of the Joint IED Neutralizer system. This system provides a capability to detonate roadside IEDs by using different electrical waveforms, voltages, and energy levels.

<u>Research, Development, Test, and Evaluation, Defense-Wide, 05/06</u>						<u>+20,000</u>		
<u>Budget Activity 3: Advanced Technology Development</u>								
0603122D8Z Combating Terrorism Technology Support								
		99,074		99,699		+20,000		119,699

Explanation: Funding supports development and testing of promising solutions to the IED threat proposed by both industry and national labs that will address deficiencies highlighted by IED gap analyses.

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<u>FY 2005 REPROGRAMMING DECREASE:</u>								
<u>Iraq Freedom Fund, 04/06</u>								
Public Law 108-287	3,800,000		1,516,690		-54,753		1,461,937	