

Subject: Improvised Explosive Device (IED) - Defeat	DoD Serial Number: FY 05-64 IR
Appropriation Title: Various Components' Appropriations	Includes Transfer? Yes

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

This reprogramming action transfers \$41.602 million from the Iraq Freedom Fund (IFF), 04/06, appropriation to the Operation and Maintenance, Army 05/05, appropriation (\$7.950 million), Other Procurement, Army, 05/07, appropriation (\$6.2 million), Operation and Maintenance, Navy 05/05, appropriation (\$.500 million), Other Procurement, Navy, 05/07, appropriation (\$7.003 million), Research, Development, Test, and Evaluation, Army, 05/06, appropriation (\$11.214 million), Research, Development, Test, and Evaluation, Navy, 05/06, appropriation (\$7.985 million), and Research, Development, Test, and Evaluation, Air Force 05/06, appropriation (\$.750 million). This transfer is in accordance with provisions in Title IX of Public Law 108-287, the Department of Defense (DoD) Appropriations Act, 2005.

<u>FY 2005 REPROGRAMMING INCREASES:</u>	<u>+41,602</u>
<u>Operation and Maintenance, Army, 05/05</u>	<u>+7,950</u>
<u>Budget Activity 1: Operating Forces</u>	
16,561,581	17,481,652
	+7,950
	17,489,602

Explanation: Funding supports continued Joint IED Task Force operations. Requirements include studies and operational analyses; travel of combatant commanders and IED Task Force personnel to Yuma Proving Grounds, other test sites, and laboratories; and training equipment such as CDs, IED handbooks, and translations.

<u>Other Procurement, Army, 05/07</u>	<u>+6,200</u>
<u>Budget Activity 3: Other Support Equipment</u>	
<u>Rapid Equipping Soldier Support Equipment</u>	
13,448	164,199
	+6,200
	170,399

Explanation: Funding supports procurement of the Ruggedized Detection Imaging Module. This is an imaging system used to detect contraband and other threats concealed on people and vehicles. It is designed to be responsive to commander's needs at forward operating bases, mess halls, and other high value targets. The system is composed of three separate components: a Backscatter X-Ray, a power generator, and an operator's module and OPAL Forward-Looking Infrared (FLIR). Funding procures four modules, spares, and contract logistics support for one year.

Approved (Signature and Date) MAY 24 2005

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Research, Development, Test, and Evaluation, Army, 05/06						+11,214			
<u>Budget Activity 3: Advanced Technology Development</u>									
0603004A Weapons and Munitions Advanced Technology									
		86,172		86,108		+1,889		87,997	
<u>Explanation:</u> Funding continues development and testing of the Sparrow Sentry system to address the human-borne IED threat. This system utilizes high power microwave technology to pre-detonate the blasting cap used in the explosive device.									
<u>Budget Activity 6: RDT&E Management Support</u>									
0605601A Army Test Ranges and Facilities									
		197,114		196,961		+4,625		201,586	
0605602A Army Technical Test Instrumentation and Targets									
		62,683		62,636		+4,700		67,336	
<u>Explanation:</u> Funding provides upgrades to the Joint Experiment Range Complex (JERC) at Yuma Proving Ground. The JERC was established to support critical testing of systems that detect and defeat IEDs. Upgrades are needed to improve the realism of the site, update threat systems to stay current with evolving enemy tactics, and provide needed infrastructure to improve the efficiency of test operations.									
Operation and Maintenance, Navy, 05/05						+500			
<u>Budget Activity 1: Operating Forces</u>									
		22,642,766		22,724,051		+500		22,724,551	
<u>Explanation:</u> Funding provides training and field support for additional active jammers in Afghanistan.									
Other Procurement, Navy, 05/07						+7,003			
<u>Budget Activity 4: Ordnance Support Equipment</u>									
Explosive Ordnance Disposal Equipment									
		28,248		32,892		+7,003		39,895	
<u>Explanation:</u> Funding procures additional active jammers to address new requirements in Afghanistan.									

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Research, Development, Test, and Evaluation, Navy, 05/06						+7,985			
<u>Budget Activity 2: Applied Research</u>									
0602271N RF Systems Applied Research									
		64,640		64,640		+125		64,765	
<u>Explanation:</u> Funding supports an emerging waveform generator technology called Intrepid Tiger. This technology can be used as the basis for a common, cross platform jammer architecture. It is easily adapted for use in other applications such as unmanned aerial vehicles or wearable jammers.									
<u>Budget Activity 3: Advanced Technology Development</u>									
0603640M USMC Advanced Technology Demonstration									
		88,239		88,239		+7,860		96,099	
<u>Explanation:</u> Funding continues technology development to destroy or neutralize Improvised Explosive Devices with radio frequency (NIRF). Funds will be used to develop a second NIRF prototype, two relocatable NIRF prototypes, and a solid state portal NIRF.									
Research, Development, Test, and Evaluation, Air Force, 05/06						+750			
<u>Budget Activity 3: Advanced Technology Development</u>									
0603270F Electronic Combat Technology									
		39,234		39,234		+750		39,984	
<u>Explanation:</u> Funding supports installation of a jammer on a small unmanned aerial vehicle, flight testing, and deployment.									
FY 2005 REPROGRAMMING DECREASE:						-41,602			
<u>Iraq Freedom Fund, 04/06</u>									
Public Law 108-287		3,800,000		912,310		-41,602		870,708	