

Subject: Technology Innovation Request Appropriation Title: Research, Development, Test, and Evaluation, Defense-Wide 15/16	DoD Serial Number: FY 15-16 PA
	Includes Transfer? No

Component Serial Number: Line Item a	(Amounts in Thousands of Dollars)							
	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 is submitted for prior approval because this action initiates a new start. This reprogramming action provides funding in support of higher priority items, based on unforeseen military requirements, than those for which originally appropriated; and are determined to be necessary in the national interest. It meets all administrative and legal requirements, and none of the items have previously been denied by the Congress.

This reprogramming action realigns \$10.0 million within the Research, Development, Test, and Evaluation, Defense-Wide, 15/16, appropriation.

<u>FY 2015 REPROGRAMMING INCREASE:</u>	<u>+10,000</u>	<u>+7,000</u>
<u>Research, Development, Test, and Evaluation, Defense-Wide, 15/16</u>	<u>+10,000</u>	<u>+7,000</u>
<u>Budget Activity 03: Advanced Technology Development</u>		
PE 0603375D8Z Technology Innovation -	+10,000	10,000
	+7,000	7,000

Explanation: The funds are required for a new Technology Innovation program that will leverage an investment made by the intelligence community and enhance the technology watch / horizon scan activities of the department. This program will fund development / technology maturation of several leading edge, commercial technologies emerging from high-tech companies that are not traditional defense contractors. Funds will be used to conduct a pilot program with In-Q-Tel to access leading edge technologies applicable to the defense mission set and enable the efficient incorporation of appropriate leading edge technologies into the department's weapon systems and operational capabilities. This is a **new start**. This is a base budget requirement.

<u>FY 2015 REPROGRAMMING DECREASES:</u>	<u>-10,000</u>	<u>-7,000</u>
<u>Research, Development, Test, and Evaluation, Defense-Wide, 15/16</u>	<u>-10,000</u>	<u>-7,000</u>
<u>Budget Activity 01: Basic Research</u>		
PE 0601110D8Z Basic Research Initiatives		
44,500	44,500	-1,000
		43,500

Explanation: Funds are available due to a delay in the rebuilding of the FY 2015 National Security Science and Engineering Faculty Fellowship (NSSEFF) program as it was transferred from the National Defense Education Program (NDEP) starting in FY 2015. The reduction results in the selection of a fewer number of exceptionally talented university research experts; however, the risk is considered manageable.

SASC Denied

Approved (Signature and Date)

Keith McCord May 15, 2015

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This cut should not be construed as a lack of support for the program, but instead as an available Science and Technology (S&T) source to address a priority near term S&T requirement. This is base budget funding.

Budget Activity 02: Applied Research

PE 0602000D8Z Joint Munitions Technology

20,037 20,037 **-188** 19,849

Explanation: Funds are available due to a slight change in the FY 2015 fuze technology program plans to provide a source of S&T funds for a priority near-term S&T requirement. This is base budget funding.

PE 0602234D8Z Lincoln Laboratory Research Program

47,807 47,807 **-500** 47,307

Explanation: Funds are available due to a small change in the FY 2015 technical intelligence technical assessment program plan to provide a source of S&T funds for a priority near-term S&T requirement. This reduction will result in a delay and an acceptable risk for assessing a technology-forecasting tool. This is base budget funding.

PE 0602251D8Z Applied Research for the Advancement of S&T Priorities

41,905 41,905 **-1,500** 40,405

Explanation: Funds are available due to a change in the FY 2015 program plan for Reliance 21 support that will result in a reduced number of new projects to address technology opportunities or gaps identified by the Communities of Interest. This reduction should not be perceived as a lack of program support but instead as an S&T source to finance a priority near-term S&T requirement. This is base budget funding.

Budget Activity 03: Advanced Technology Development

PE 0603000D8Z Joint Munitions Advanced Technology

26,650 26,650 **-2,032** 24,618

Explanation: Funds are available due to a change in the FY 2015 joint munitions program plan for developing technologies to improve insensitive munitions performance. This reduction results in an acceptable program delay necessary to finance a priority near-term S&T requirement. This is base budget funding.

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PE 0603288D8Z Analytic Assessments			12,000		12,000		-400		11,600
<u>Explanation:</u> Funds are available due to a slight change in the FY 2015 program plan for conducting an ongoing assessment of warfare from under the sea. This reduction results in an acceptable program delay necessary to fund a priority near-term S&T requirement. This is base budget funding.									
PE 0603225D8Z Joint DoD-DoE Munitions Technology Development			19,308		19,308		-780		18,528
<u>Explanation:</u> Funds are available due to a modest change in the FY 2015 program plan for advancing munitions technology development. This reduction should not be perceived as a lack of support for the program, but instead as an acceptance of poor execution and available S&T source to address a priority near term S&T requirement. Current program expenditure rate as of March 31, 2015 is .3 percent expended. This is base budget funding.									
PE 0603699D8Z Emerging Capabilities Technology Development			33,658		33,658		-2,000		31,658
<u>Explanation:</u> Funds are available due to a necessary change in the FY 2015 program plan for an assessment of the multi-domain autonomous systems focus area and technologies associated with advancing autonomous capabilities. This reduction should not be perceived as a lack of support for the program, but instead as an available S&T source to address a priority near term S&T requirement. This is base budget funding.									
<u>HAC Denied</u>									
PE 0603826D8Z Quick Reaction Special Projects			59,235		59,235		-1,600		57,635
<u>Explanation:</u> Funds are available due to a modest change in the FY 2015 program plan to explore new or improved technologies for surveillance sensors to operate in denied areas and improve ISR capabilities. This reduction results in an acceptable program delay and should not be perceived as a lack of support for the Combatant Commanders but instead as an available S&T source to address a priority near term S&T requirement. This is base budget funding.									