

Subject: Missile Defeat Enhancements Prior Approval Request		DoD Serial Number: FY 17-26 PA
Appropriation Title: Various Appropriations		
		Includes Transfer Yes

Component Serial Number:	(Amounts in Thousands of Dollars)							
	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 prior approval reprogramming action is submitted for approval because these actions use general transfer authority, exceed established reprogramming thresholds, affect special interest items, and initiates new starts. 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. They meet all administrative and legal requirements and none of the items have previously been denied by the Congress.

This reprogramming action transfers \$416.383 million among Fiscal Year (FY) 2017 Defense appropriations. This reprogramming action uses \$416.383 million general transfer authority pursuant to section 8005 of division C of Public Law 115-31, the Department of Defense (DoD) Appropriations Act, 2017; and section 1001 of Public Law 114-328, the National Defense Authorization Act for FY 2017.

**FY 2017 REPROGRAMMING INCREASES:** +416,383 +367,583

**ARMY INCREASE:** +6,100

**Research, Development, Test, and Evaluation, Army, 17/18** +6,100

Budget Activity 04: Advanced Component Development and Prototypes  
PE 0603327A Air and Missile Defense Systems Engineering  
+6,100                      6,100

Explanation: Funds are required for a classified project. Additional classified details will be provided under a separate cover. This is a **new start**. This is a base budget requirement.

**AIR FORCE INCREASES:** +49,600

**Research, Development, Test, and Evaluation, Air Force, 17/18** +49,600

Budget Activity 04: Advanced Component Development and Prototypes  
PE 0306250F Cyber Operations Technology Development  
162,644                      162,644                      +48,000                      210,644

Explanation: Funds are required for a classified project. Additional classified details will be provided under a separate cover. This is a congressional special interest item. This is a base budget requirement.

Approved (Signature and Date)

9/7/17

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		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
<u>Budget Activity 07: Operational System Development</u>									
Classified Program							<b>+1,600</b>		
<p><u>Explanation:</u> Funds are required for a classified project. Additional classified details will be provided under a separate cover. This is a base budget requirement.</p>									
<b><u>DEFENSE-WIDE INCREASES:</u></b>							<b><u>+360,683</u></b>		<b><u>+311,883</u></b>
<b><u>Procurement, Defense-Wide, 17/19</u></b>							<b><u>+60,000</u></b>		
<u>Budget Activity 01: Major Equipment</u>									
AEGIS BMD Hardware and Software			50,098		50,098		+13,000		63,098
<p><u>Explanation:</u> Funds are required to accelerate Baseline 9.2 upgrades of four Aegis Ballistic Missile Defense (BMD) ships for increased capacity. This upgrade enables the launch of a Standard Missiles-3 (SM-3) Block IIA missile. . This is a base budget requirement.</p>									
BMD Midcourse Defense			-		-		+47,000		47,000
<p><u>Explanation:</u> Funds are required for the Advance Procurement of components for 10 of 20 additional silos planned for a new missile field in Fort Greely (Missile Field 4). Funds long lead materials and critical sole-source supplies required for the fabrication of silos and launch site support components to construct Silo Interface Vaults (SIVs) and silos for the new missile field (Missile Field 4) in Fort Greely, Alaska. This includes materials, temperature control units, gas actuators and generators, fire detection/hazardous gas panels, electrical components and controls, modeling/detailing. This is a <b>new start</b>. This is a congressional special interest item. This is a base budget requirement.</p>									
<b><u>Research, Development, Test, and Evaluation, Defense-Wide, 17/18</u></b>							<b><u>+300,683</u></b>		<b><u>+251,883</u></b>
<u>Budget Activity 03: Advanced Technology Development</u>									
PE 0603375D8Z Technology Innovation			19,901		19,901		+5,000		24,901
<p><u>Explanation:</u> Funds are required for a classified project. Additional classified details will be provided under a separate cover. This is a congressional special interest item. This is a base budget requirement.</p>									

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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

**Budget Activity 04: Advanced Component Development and Prototypes**

PE 0603882C Ballistic Missile Defense Midcourse Defense Segment	967,780	967,780	+81,000	1,048,780
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Explanation: Funds are required for non-recurring engineering in advance of Procurement to begin an increase in capacity of the Ground-based Interceptors (GBI) by up to 20 from 44 to 64 (\$72.0 million) and to add 20 new silos in a new missile field in Fort Greely, Alaska (Missile Field 4) (\$ 9.0 million). This is a congressional special interest item. This is a base budget requirement.

PE 0603884C Ballistic Missile Defense Sensors	228,377	228,377	+22,200	250,577
			+19,600	247,977

Explanation: Funds are required for the following:

- ~~• \$+2.6 million to conduct studies and evaluations in support of a Medium Range Discriminating Radar (MRDR). The MRDR is needed to address the gaps in the BMDS and better protect the homeland and regional allies. The MRDR will include BMDS threat discrimination improvements to enhance BMD effectiveness against the evolving threat. This is a new start. This is a base budget requirement.~~

**Denied by the SAC**

- \$+3.6 million to support Advanced Discrimination efforts focused on countering the emergent threats to the homeland, forward deployed forces, and allies. Additional classified details will be provided under a separate cover. This is a base budget requirement.
- \$+16.0 million to extend the lifespan of the COBRA DANE radar, which provides critical coverage of North Korean threats. Upgrades include critical life extension redesign and software rehosting to ensure continued operations. This is a base budget requirement.

PE 0603890C BMD Enabling Programs	433,594	433,594	+1,100	434,694
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Explanation: Funds are required in support Advanced Discrimination efforts focused on countering the emergent threats to the homeland, forward deployed forces, and allies. Additional classified details will be provided under a separate cover. This is a base budget requirement.

PE 0603891C Special Programs - MDA	304,677	304,677	+2,000	306,677
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<b>Component Serial Number:</b>		<i>(Amounts in Thousands of Dollars)</i>							
		<b>Program Base Reflecting Congressional Action</b>		<b>Program Previously Approved by Sec Def</b>		<b>Reprogramming Action</b>		<b>Revised Program</b>	
<b>Line Item</b>		<b>Quantity</b>	<b>Amount</b>	<b>Quantity</b>	<b>Amount</b>	<b>Quantity</b>	<b>Amount</b>	<b>Quantity</b>	<b>Amount</b>
<b>a</b>		<b>b</b>	<b>c</b>	<b>d</b>	<b>e</b>	<b>f</b>	<b>g</b>	<b>h</b>	<b>i</b>

**Explanation:** Funds are required for a classified project. Additional classified details will be provided under a separate cover. This is a congressional special interest item. This is a base budget requirement.

PE 0603896C Ballistic Missile Defense Command and Control, Battle Management and Communication	449,928	449,928	+16,300	466,228
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**Explanation:** Funds are required for the following:

- \$+6.3 million to support Advanced Discrimination efforts focused on countering the emergent threats to the homeland, forward deployed forces, and allies. Additional classified details will be provided under a separate cover. This is a base budget requirement.
- \$+10.0 million for a classified project. Additional classified details will be provided under a separate cover. This is a congressional special interest item. This is a base budget requirement.

PE 0603907C Sea Based X-Band Radar (SBX)	90,287	90,287	+15,000	105,287
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**Explanation:** Funds are required for software upgrades for the Sea-Based X-Band (SBX) radar. Funds will be used towards the replacement of the obsolete Superdome processor with a new X86 processor and its associated software. This is a base budget requirement.

PE 0604132D8Z Missile Defeat Project	115,450	115,450	+55,700	171,150
			+24,500	139,950

**Explanation:** Funds are required for various classified projects. Additional classified details will be provided under a separate cover. This is a base budget requirement.

**SAC Denied \$31.200 million**

PE 0604250D8Z Advanced Innovative Technologies	835,554	835,554	+33,383	868,937
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**Explanation:** Funds are required for a classified project. Additional classified details will be provided under a separate cover. This is a congressional special interest item. This is a base budget requirement.

PE 0604874C Improved Homeland Defense Interceptors	219,346	219,346	+8,000	227,346
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<b>Component Serial Number:</b>	<i>(Amounts in Thousands of Dollars)</i>							
	<b>Program Base Reflecting Congressional Action</b>		<b>Program Previously Approved by Sec Def</b>		<b>Reprogramming Action</b>		<b>Revised Program</b>	
<b>Line-Item</b>	<b>Quantity</b>	<b>Amount</b>	<b>Quantity</b>	<b>Amount</b>	<b>Quantity</b>	<b>Amount</b>	<b>Quantity</b>	<b>Amount</b>
<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>	<b>e</b>	<b>f</b>	<b>g</b>	<b>h</b>	<b>i</b>

Explanation: Funds are required to begin increasing capacity of the Ground-based Interceptors (GBI) by up to 20 from 44 to 64. This is a congressional special interest item. This is a base budget requirement.

PE.0604878C AEGIS BMD Test	95,012	95,012	+61,000	156,012
			+46,000	141,012

Explanation: Funds are required for additional SM-3 IIA missile testing. Additional classified details will be provided under a separate cover. This is a base budget requirement.

**SAC Denied \$15.000 million**

**FY 2017 REPROGRAMMING DECREASES:** ~~-416,383~~    ~~-367,583~~

**ARMY DECREASES:** ~~-330,483~~    ~~-281,683~~

**Operation and Maintenance, Army, 17/17** ~~-287,623~~    ~~-238,823~~

<u>Budget Activity 01: Operating Forces</u>				
	35,764,399	35,901,354	-241,012	35,660,342
			-232,912	35,668,442

Explanation: Funds are available due to compliance with section 8004 of Public Law 115-31, which requires that no more than 20 percent of the appropriations in this Act which are limited for obligation during the current fiscal year, shall be obligated during the last 2 months of the fiscal year. Operation and Maintenance, Army obligation rates were hindered by the later than usual enactment of the full year appropriation. Of the \$241.012 million, \$0.8 million is base budget funding, and \$240.212 million is Title IX Overseas Contingency Operations (OCO) budget funding.

<u>Budget Activity 04: Administration and Servicewide Activities</u>				
	10,485,475	10,979,526	-46,611	10,932,915
			-5,911	10,973,615

Explanation: Funds are available due to compliance with section 8004 of Public Law 115-31, which requires that no more than 20 percent of the appropriations in this Act which are limited for obligation during the current fiscal year, shall be obligated during the last 2 months of the fiscal year. Operation and Maintenance, Army obligation rates were hindered by the later than usual enactment of the full year appropriation. This is Title IX OCO funding.

**HAC Denied \$40.700 million**

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

<b>Operation and Maintenance, Army Reserve, 17/17</b>									<b>-42,860</b>
<u>Budget Activity 01: Operating Forces</u>									
	2,671,624.		2,666,125			-37,581		2,628,544.	

Explanation: Funds are available due to compliance with section 8004 of Public Law 115-31, which requires that no more than 20 percent of the appropriations in this Act which are limited for obligation during the current fiscal year, shall be obligated during the last 2 months of the fiscal year. Operation and Maintenance, Army Reserve obligation rates were hindered by the later than usual enactment of the full year appropriation. Of the \$37.581 million, \$35.414 million is base budget funding, and \$2.167 million is Title IX OCO funding.

<u>Budget Activity 04: Administration and Servicewide Activities</u>	105,253		113,143			-5,279		107,864	
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Explanation: Funds are available due to compliance with section 8004 of Public Law 115-31, which requires that no more than 20 percent of the appropriations in this Act which are limited for obligation during the current fiscal year, shall be obligated during the last 2 months of the fiscal year. Operation and Maintenance, Army Reserve obligation rates were hindered by the later than usual enactment of the full year appropriation. This is base budget funding.

<b><u>DEFENSE-WIDE DECREASES:</u></b>									<b>-85,900</b>
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<b><u>Operation and Maintenance, Defense-Wide, 17/17</u></b>									<b>-80,900</b>
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<u>Defense Security Cooperation Agency (DSCA)</u>									
<u>Budget Activity 04: Administration and Servicewide Activities</u>									
	801,058		801,058			-80,900		720,158	

Explanation: Funds are available because no additional Lift & Sustain support is anticipated for the remainder of the fiscal year. This is Title IX OCO budget funding.

<b><u>Office of the Inspector General, Defense-Wide, 17/17</u></b>									<b>-5,000</b>
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<u>Budget Activity 01: Operation and Maintenance</u>									
	329,570		329,570			-5,000		324,570	

Explanation: Funds are available due to a civilian personnel hiring lag for audit positions in support of OCO Lead Inspector General requirements. This is Title IX OCO budget funding.