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| Subject: Patriot Modifications | DoD Serial Number: FY 04-29 PA |
| Appropriation Title: Missile Procurement, Army, 04/06; Procurement of Ammunition, Army, 04/06; Other Procurement, Army, 04/06; Research, Development, Test, and Evaluation, Air Force, 04/05; Research, Development, Test, and Evaluation, Army, 03/04; Other Procurement, Army, 03/04 and Research, Development, Test, and Evaluation, Army, 04/05 | Includes Transfer? Yes |

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|---------------------------------|---|---------------|---|---------------|-----------------------------|---------------|------------------------|---------------|
| 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 is submitted for prior approval because it initiates a new start for Air-Ground Communications and exceeds thresholds. This action also involves congressional special interest items. This action transfers \$6.350 million from Procurement of Ammunition, Army, 04/06, appropriation, \$3.500 million from Other Procurement, Army, 04/06, appropriation, \$7.050 million from Research, Development, Test, and Evaluation, Army, 04/05, appropriation and \$7.050 million from Research, Development, Test, and Evaluation, Air Force, 04/05, appropriation to Missile Procurement, Army, 04/06 appropriation. In addition, this action transfers \$13.233 million from Other Procurement, Army, 03/05, appropriation to Research, Development, Test, and Evaluation, Army, 03/04, appropriation. Finally, this action realigns \$4.467 million within the Research, Development, Test, and Evaluation, Army, 03/04, appropriation. This action uses general transfer authority, pursuant to section 8005 of Public Law 108-87, the DoD Appropriations Act, 2004; and section 1001 of Public Law 108-136, the National Defense Authorization Act for FY 2004. This action uses general transfer authority, pursuant to section 8005 of Public Law 107-248, the DoD Appropriations Act, 2003; and section 1001 of Public Law 107-314, the Bob Stump National Defense Authorization Act for FY 2003. This action reprograms funding in support of a higher priority item, based on unforeseen military requirements, than that for which the funds were originally appropriated. It meets all administrative and legal requirements of the Congress and the Congress has not denied any of the items.

FY 2004 REPROGRAMMING INCREASE:

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|---|---------|--|---------|-----------------------|---------|
| <u>Missile Procurement, Army, 04/06</u> | | | | <u>+23,950</u> | |
| <u>Budget Activity 3: Modification of Missiles</u> | | | | | |
| Patriot Mods | 201,072 | | 201,072 | +23,950 | 225,022 |

Explanation: There were two incidents of fratricide involving the PATRIOT system during Operation Iraqi Freedom (OIF). To address these incidents, a number of modifications must be implemented to improve situational awareness, command and control, and communications; increase the range of data distribution; and enhance positive control. Included in these modifications is a new start procurement effort for Air-Ground Communications (\$4.8 million). These efforts are of the highest priority and this action will enable implementation of solutions to PATRIOT fratricide deficiencies.

Approved (Signature and Date)  APR 29 2004

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| a | b | c | d | e | f | g | h | i |

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| <u>FY 2003 REPROGRAMMING INCREASE:</u> | <u>+17,700</u> |
| <u>Research, Development, Test, and Evaluation, Army 03/04</u> | <u>+17,700</u> |
| <u>Budget Activity 7: Operational System Development</u> | |
| 0203801A Missile/Air Defense Product Improvement Program | |
| 43,479 | 43,479 |
| | +17,700 |
| | 61,179 |

Explanation: To further address the causes of the fratricide incidents mentioned above, research and development is required to develop software changes to correct Patriot deficiencies in the areas of classification, correlation, and operations in areas of increased electro-magnetic interference. Included in this research and development is a new start effort for Air-Ground Communications (\$4.5 million). These efforts are of the highest priority and this action will enable implementation of solutions to PATRIOT fratricide deficiencies.

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| <u>FY 2003 REPROGRAMMING DECREASES:</u> | <u>-17,700</u> |
| <u>Other Procurement, Army, 03/05</u> | <u>-13,233</u> |
| <u>Budget Activity 3: Other Support Equipment</u> | |
| Physical Security Systems | |
| 300,556 | 286,223 |
| | -3,233 |
| | 282,990 |

Explanation: Funds are available due to delay in the installation of the Integrated Commercial Intrusion Detection System.

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|-----------------------|--------|--------|----------------|--------|
| Tractor, Full Tracked | 24,886 | 24,746 | -10,000 | 14,746 |
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Explanation: Funds are available due to program termination.

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| <u>Research, Development, Test, and Evaluation, Army, 03/04</u> | <u>-4,467</u> |
| <u>Budget Activity 7: Operational System Development</u> | |
| Combat Vehicle Improvement Program | |
| 86,002 | 86,002 |
| | -4,467 |
| | 81,535 |

Explanation: Funds are available due to cancellation of the LV-100 tank engine program for failure to meet performance goals.