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.

**FY 2015 REPROGRAMMING INCREASE:****  
+10,000 | +7,000

**Research, Development, Test, and Evaluation, Defense-Wide, 15/16**  
+10,000 | +7,000

**Budget Activity 03: Advanced Technology Development**  
PE 0603375D8Z Technology Innovation  
- | -

**FY 2015 REPROGRAMMING DECREASES:**  
-10,000 | -7,000

**Research, Development, Test, and Evaluation, Defense-Wide, 15/16**  
-10,000 | -7,000

**Budget Activity 01: Basic Research**  
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)

[Signature]
May 15, 2015

**UNCLASSIFIED**
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

<table>
<thead>
<tr>
<th>Line Item</th>
<th>Quantity</th>
<th>Amount</th>
<th>Quantity</th>
<th>Amount</th>
<th>Quantity</th>
<th>Amount</th>
<th>Quantity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>20,037</td>
<td>20,037</td>
<td>-188</td>
<td></td>
<td></td>
<td></td>
<td>19,849</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Line Item</th>
<th>Quantity</th>
<th>Amount</th>
<th>Quantity</th>
<th>Amount</th>
<th>Quantity</th>
<th>Amount</th>
<th>Quantity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>47,807</td>
<td>47,807</td>
<td>-500</td>
<td></td>
<td></td>
<td></td>
<td>47,307</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Line Item</th>
<th>Quantity</th>
<th>Amount</th>
<th>Quantity</th>
<th>Amount</th>
<th>Quantity</th>
<th>Amount</th>
<th>Quantity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>41,905</td>
<td>41,905</td>
<td>-1,500</td>
<td></td>
<td></td>
<td></td>
<td>40,405</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Line Item</th>
<th>Quantity</th>
<th>Amount</th>
<th>Quantity</th>
<th>Amount</th>
<th>Quantity</th>
<th>Amount</th>
<th>Quantity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>26,650</td>
<td>26,650</td>
<td>-2,032</td>
<td></td>
<td></td>
<td></td>
<td>24,618</td>
<td></td>
</tr>
</tbody>
</table>

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.
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: (Amounts in Thousands of Dollars)

<table>
<thead>
<tr>
<th>Line Item</th>
<th>Program Base Reflecting Congressional Action</th>
<th>Program Previously Approved by Sec Def</th>
<th>Reprogramming Action</th>
<th>Revised Program</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Quantity</td>
<td>Amount</td>
<td>Quantity</td>
<td>Amount</td>
</tr>
<tr>
<td>PE 0603288D8Z Analytic Assessments</td>
<td>12,000</td>
<td>12,000</td>
<td>-400</td>
<td>11,600</td>
</tr>
</tbody>
</table>

Explanation: 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 |

Explanation: 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 |

Explanation: 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.

HAC Denied

PE 0603826D8Z Quick Reaction Special Projects | 59,235 | 59,235 | -1,600 | 57,635 |

Explanation: 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.