

**UNCLASSIFIED**

PE NUMBER: 0305103F  
 PE TITLE: Cyber Security Initiative

|   |                         |
|---|-------------------------|
| <b>Exhibit R-2, RDT&amp;E Budget Item Justification</b> | DATE<br><b>May 2009</b> |
|---|-------------------------|

|  |   |
|--|---|
| <b>BUDGET ACTIVITY</b><br><b>07 Operational System Development</b> | <b>PE NUMBER AND TITLE</b><br><b>0305103F Cyber Security Initiative</b> |
|--|---|

| Cost (\$ in Millions)                  | FY 2008<br>Actual | FY 2009<br>Estimate | FY 2010<br>Estimate | FY 2011<br>Estimate | FY 2012<br>Estimate | FY 2013<br>Estimate | FY 2014<br>Estimate | FY 2015<br>Estimate | Cost to<br>Complete | Total |
|--|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------|
| Total Program Element (PE) Cost        | 0.000             | 2.078               | 2.065               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000 |
| 1931 TECH SURVEIL COUNTER<br>MEAS EQPT | 0.000             | 2.078               | 2.065               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000 |

**(U) A. Mission Description and Budget Item Justification**

The DoD Cyber Crime Center (DC3) was created as a DoD center of excellence to efficiently organize, equip, train, and employ scarce resources to more effectively address the proliferation of computer crimes affecting the DoD. DC3 has a digital forensics laboratory, training program, institute, and National Cyber Investigative Joint Task Force Analytical Group.

To enable its operations, through the Defense Cyber Crime Institute (DCCI), DC3 will remain on the leading edge of computer technologies and techniques through research, development, testing and evaluation applied to digital evidence processing and computer forensic analysis; and by conducting liaison and by partnering with governmental, university, and private industry computer security officials.

DC3 will develop imaging tools, steganalysis and stegextraction tools, and password over-ride tools. These software tools will enable DC3 to increase the probability of data recovery that would otherwise remain undetected.

The Intrusions/Intruders Signature Program (IISP) provides for the R&D of products and technologies that detect trace and profile hostile cyber adversaries. This capability provides network monitoring and the framework for sharing and automating reverse engineering techniques.

Computer Incident Batch Oriented Recursive Examination (CIBORE) is used to aid the counterintelligence and law enforcement communities to respond to computer intrusions. It is also a data reduction tool that takes a large volume of data, identifies the known “good” and “bad” files and eliminates them from consideration, leaving several GBs of files as candidate malicious code files.

This program is categorized in Budget Activity (BA) 7 because it supports the development efforts of operational systems.

Exhibit R-2, RDT&E Budget Item Justification

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07 Operational System Development

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(U) **B. Program Change Summary (\$ in Millions)**

|   | <u>FY 2008</u> | <u>FY 2009</u> | <u>FY 2010</u> |
|---|----------------|----------------|----------------|
| (U) Previous President's Budget         | 0.000          | 2.083          | 2.080          |
| (U) Current PBR/President's Budget      | 0.000          | 2.078          | 2.065          |
| (U) Total Adjustments                   | 0.000          | -0.005         |                |
| (U) Congressional Program Reductions    |                | -0.005         |                |
| Congressional Rescissions               |                |                |                |
| Congressional Increases                 |                |                |                |
| Reprogrammings                          |                |                |                |
| SBIR/STTR Transfer                      |                |                |                |
| (U) <u>Significant Program Changes:</u> |                |                |                |

|  |                         |
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| <b>Exhibit R-2a, RDT&amp;E Project Justification</b> | DATE<br><b>May 2009</b> |
|--|-------------------------|

|   |                   |                     |                     |  |                     |                     |                     |  |                     |       |
|---|-------------------|---------------------|---------------------|--|---------------------|---------------------|---------------------|--|---------------------|-------|
| BUDGET ACTIVITY<br><b>07 Operational System Development</b> |                   |                     |                     | PE NUMBER AND TITLE<br><b>0305103F Cyber Security Initiative</b> |                     |                     |                     | PROJECT NUMBER AND TITLE<br><b>1931 TECH SURVEIL COUNTER MEAS EQPT</b> |                     |       |
| Cost (\$ in Millions)                                       | FY 2008<br>Actual | FY 2009<br>Estimate | FY 2010<br>Estimate | FY 2011<br>Estimate  | FY 2012<br>Estimate | FY 2013<br>Estimate | FY 2014<br>Estimate | FY 2015<br>Estimate  | Cost to<br>Complete | Total |
| 1931 TECH SURVEIL COUNTER MEAS EQPT                         | 0.000             | 2.078               | 2.065               | 0.000  | 0.000               | 0.000               | 0.000               | 0.000  | 0.000               | 0.000 |
| Quantity of RDT&E Articles                                  | 0                 | 0                   | 0                   | 0  | 0                   | 0                   | 0                   | 0  |                     |       |

**(U) A. Mission Description and Budget Item Justification**  
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This program is categorized in Budget Activity (BA) 7 because it supports the development efforts of operational systems.

|  |                |                |                |
|--|----------------|----------------|----------------|
| <b>(U) B. Accomplishments/Planned Program (\$ in Millions)</b> | <u>FY 2008</u> | <u>FY 2009</u> | <u>FY 2010</u> |
| (U) Develop and validate tech surveillance tools               |                | 2.078          | 2.065          |
| (U) Total Cost   | 0.000          | 2.078          | 2.065          |

|  |                |                 |                 |                 |                 |                 |                 |                 |                 |                   |
|--|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| <b>(U) C. Other Program Funding Summary (\$ in Millions)</b> | <u>FY 2008</u> | <u>FY 2009</u>  | <u>FY 2010</u>  | <u>FY 2011</u>  | <u>FY 2012</u>  | <u>FY 2013</u>  | <u>FY 2014</u>  | <u>FY 2015</u>  | <u>Cost to</u>  | <u>Total Cost</u> |
|  | <u>Actual</u>  | <u>Estimate</u> | <u>Complete</u> |                   |
| (U) O&M (0305103)  | 14.300         | 15.000          | 15.200          | 15.700          | 116.000         | 16.500          | 16.000          | 17.000          | Continuing      | TBD               |

Exhibit R-2a, RDT&E Project Justification

DATE

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1931 TECH SURVEIL COUNTER  
MEAS EQPT

(U) D. Acquisition Strategy

All contracts will be awarded based on full and open competition.

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**Exhibit R-3, RDT&E Project Cost Analysis**

DATE

**May 2009**

| BUDGET ACTIVITY  |                                   |   |                                    | PE NUMBER AND TITLE                       |                           |                     |                           | PROJECT NUMBER AND TITLE                   |                           |                         |                   |                                 |
|--|-----------------------------------|---|------------------------------------|---|---------------------------|---------------------|---------------------------|--|---------------------------|-------------------------|-------------------|---------------------------------|
| <b>07 Operational System Development</b>   |                                   |   |                                    | <b>0305103F Cyber Security Initiative</b> |                           |                     |                           | <b>1931 TECH SURVEIL COUNTER MEAS EQPT</b> |                           |                         |                   |                                 |
| (U) <u>Cost Categories</u><br>(Tailor to WBS, or System/Item Requirements)<br>(\$ in Millions) | <u>Contract Method &amp; Type</u> | <u>Performing Activity &amp; Location</u> | <u>Total Prior to FY 2008 Cost</u> | <u>FY 2008 Cost</u>                       | <u>FY 2008 Award Date</u> | <u>FY 2009 Cost</u> | <u>FY 2009 Award Date</u> | <u>FY 2010 Cost</u>                        | <u>FY 2010 Award Date</u> | <u>Cost to Complete</u> | <u>Total Cost</u> | <u>Target Value of Contract</u> |
| (U) <u>Product Development</u>   |                                   |   |                                    |   |                           |                     |                           |  |                           |                         |                   |                                 |
| General Dynamics   | FFP                               | Lithicum, Maryland                        |                                    |   |                           | 2.078               | Dec-09                    | 2.065                                      | Dec-10                    |                         | 4.143             |                                 |
| Subtotal Product Development   |                                   |   | 0.000                              | 0.000                                     |                           | 2.078               |                           | 2.065                                      |                           | 0.000                   | 4.143             | 0.000                           |
| Remarks:   |                                   |   |                                    |   |                           |                     |                           |  |                           |                         |                   |                                 |
| (U) <u>Support</u>   |                                   |   |                                    |   |                           |                     |                           |  |                           |                         |                   |                                 |
| Subtotal Support   |                                   |   | 0.000                              | 0.000                                     |                           | 0.000               |                           | 0.000                                      |                           | 0.000                   | 0.000             | 0.000                           |
| Remarks:   |                                   |   |                                    |   |                           |                     |                           |  |                           |                         |                   |                                 |
| (U) <u>Test &amp; Evaluation</u>   |                                   |   |                                    |   |                           |                     |                           |  |                           |                         |                   |                                 |
| Subtotal Test & Evaluation   |                                   |   | 0.000                              | 0.000                                     |                           | 0.000               |                           | 0.000                                      |                           | 0.000                   | 0.000             | 0.000                           |
| Remarks:   |                                   |   |                                    |   |                           |                     |                           |  |                           |                         |                   |                                 |
| (U) <u>Management</u>  |                                   |   |                                    |   |                           |                     |                           |  |                           |                         |                   |                                 |
| Subtotal Management  |                                   |   | 0.000                              | 0.000                                     |                           | 0.000               |                           | 0.000                                      |                           | 0.000                   | 0.000             | 0.000                           |
| Remarks:   |                                   |   |                                    |   |                           |                     |                           |  |                           |                         |                   |                                 |
| (U) Total Cost   |                                   |   | 0.000                              | 0.000                                     |                           | 2.078               |                           | 2.065                                      |                           | 0.000                   | 4.143             | 0.000                           |

Exhibit R-4, RDT&E Schedule Profile

DATE

May 2009

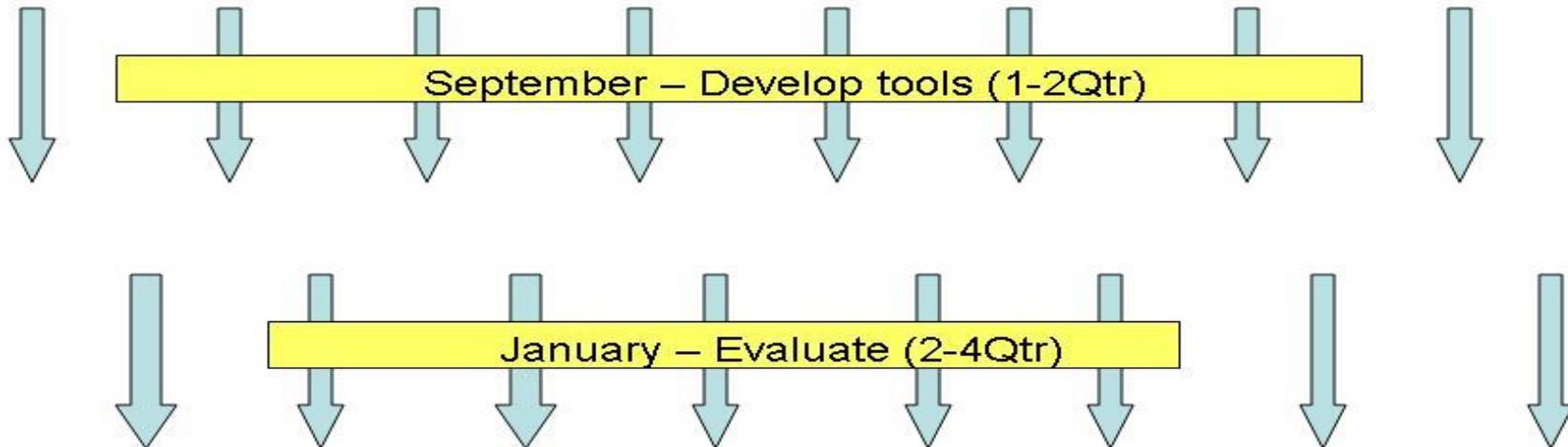
BUDGET ACTIVITY  
07 Operational System Development

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0305103F Cyber Security Initiative

PROJECT NUMBER AND TITLE  
1931 TECH SURVEIL COUNTER  
MEAS EQPT

# Cyber Security Initiative

|      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|
| FY08 | FY09 | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 |
|------|------|------|------|------|------|------|------|



|  |                         |
|--|-------------------------|
| <b>Exhibit R-4a, RDT&amp;E Schedule Detail</b> | DATE<br><b>May 2009</b> |
|--|-------------------------|

|   |  |  |
|---|--|--|
| BUDGET ACTIVITY<br><b>07 Operational System Development</b> | PE NUMBER AND TITLE<br><b>0305103F Cyber Security Initiative</b> | PROJECT NUMBER AND TITLE<br><b>1931 TECH SURVEIL COUNTER<br/>MEAS EQPT</b> |
|---|--|--|

|   | <u>FY 2008</u> | <u>FY 2009</u> | <u>FY 2010</u> |
|---|----------------|----------------|----------------|
| (U) <b><u>Schedule Profile</u></b>  |                |                |                |
| (U) Develop software tools  |                | 1-2Q           | 1-2Q           |
| (U) Evaluate software using digital evidence processing and computer forensic analysis. |                | 2-4Q           | 2-4Q           |

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