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**Department of Defense  
Fiscal Year (FY) 2015 Budget Estimates**

March 2014



**Washington Headquarters Service**

*Defense Wide Justification Book Volume 5 of 5*

***Research, Development, Test & Evaluation, Defense-Wide***

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Washington Headquarters Service • Budget Estimates FY 2015 • RDT&E Program

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## UNCLASSIFIED

Department of Defense  
 FY 2015 President's Budget  
 Exhibit R-1 FY 2015 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

07 Feb 2014

| Appropriation<br>-----                         | FY 2013<br>(Base & OCO) | FY 2014<br>Base Enacted | FY 2014<br>OCO Enacted | FY 2014<br>Total Enacted | FY 2015<br>Base |
|--|-------------------------|-------------------------|------------------------|--------------------------|-----------------|
| -----  | -----                   | -----                   | -----                  | -----                    | -----           |
| Research, Development, Test & Eval, DW         | 96                      | 607                     |                        | 607                      | 612             |
| Total Research, Development, Test & Evaluation | 96                      | 607                     |                        | 607                      | 612             |

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Department of Defense  
 FY 2015 President's Budget  
 Exhibit R-1 FY 2015 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

07 Feb 2014

| Summary Recap of Budget Activities<br>-----    | FY 2013<br>(Base & OCO) | FY 2014<br>Base Enacted | FY 2014<br>OCO Enacted | FY 2014<br>Total Enacted | FY 2015<br>Base |
|--|-------------------------|-------------------------|------------------------|--------------------------|-----------------|
| -----  | -----                   | -----                   | -----                  | -----                    | -----           |
| Management Support                             | 96                      | 607                     |                        | 607                      | 612             |
| Total Research, Development, Test & Evaluation | 96                      | 607                     |                        | 607                      | 612             |
| Summary Recap of FYDP Programs<br>-----        |                         |                         |                        |                          |                 |
| Administration and Associated Activities       | 96                      | 607                     |                        | 607                      | 612             |
| Total Research, Development, Test & Evaluation | 96                      | 607                     |                        | 607                      | 612             |

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Defense-Wide  
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Exhibit R-1 FY 2015 President's Budget  
Total Obligational Authority  
(Dollars in Thousands)

07 Feb 2014

| Summary Recap of Budget Activities<br>-----    | FY 2013<br>(Base & OCO) | FY 2014<br>Base Enacted | FY 2014<br>OCO Enacted | FY 2014<br>Total Enacted | FY 2015<br>Base<br>----- |
|--|-------------------------|-------------------------|------------------------|--------------------------|--------------------------|
| Management Support                             | 96                      | 607                     |                        | 607                      | 612                      |
| Total Research, Development, Test & Evaluation | 96                      | 607                     |                        | 607                      | 612                      |
| Summary Recap of FYDP Programs<br>-----        |                         |                         |                        |                          |                          |
| Administration and Associated Activities       | 96                      | 607                     |                        | 607                      | 612                      |
| Total Research, Development, Test & Evaluation | 96                      | 607                     |                        | 607                      | 612                      |

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Defense-Wide  
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Total Obligational Authority  
(Dollars in Thousands)

07 Feb 2014

| Appropriation<br>-----                         | FY 2013<br>(Base & OCO)<br>----- | FY 2014<br>Base Enacted<br>----- | FY 2014<br>OCO Enacted<br>----- | FY 2014<br>Total Enacted<br>----- | FY 2015<br>Base<br>----- |
|--|----------------------------------|----------------------------------|---------------------------------|-----------------------------------|--------------------------|
| Washington Headquarters Services               | 96                               | 607                              |                                 | 607                               | 612                      |
| Total Research, Development, Test & Evaluation | 96                               | 607                              |                                 | 607                               | 612                      |

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07 Feb 2014

Appropriation: 0400D Research, Development, Test &amp; Eval, DW

| Line | Program<br>Element<br>No Number              | Item | Act | FY 2013<br>(Base & OCO) | FY 2014<br>Base Enacted | FY 2014<br>OCO Enacted | FY 2014<br>Total Enacted | FY 2015<br>Base | S<br>e<br>c |
|------|--|------|-----|-------------------------|-------------------------|------------------------|--------------------------|-----------------|-------------|
| --   | -----  | ---- | --- | -----                   | -----                   | -----                  | -----                    | -----           | -           |
| 174  | 0901598D8W Management Headquarters WHS       |      | 06  | 96                      | 607                     |                        | 607                      | 612             | U           |
|      | Management Support                           |      |     | 96                      | 607                     |                        | 607                      | 612             |             |
|      |  |      |     | -----                   | -----                   | -----                  | -----                    | -----           |             |
|      | Total Research, Development, Test & Eval, DW |      |     | 96                      | 607                     |                        | 607                      | 612             |             |

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Washington Headquarters Services  
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 Total Obligational Authority  
 (Dollars in Thousands)

07 Feb 2014

Appropriation: 0400D Research, Development, Test &amp; Eval, DW

| Line | Program<br>Element<br>No Number        | Item | Act | FY 2013<br>(Base & OCO) | FY 2014<br>Base Enacted | FY 2014<br>OCO Enacted | FY 2014<br>Total Enacted | FY 2015<br>Base | S<br>e<br>c |
|------|--|------|-----|-------------------------|-------------------------|------------------------|--------------------------|-----------------|-------------|
| ---  | -----                                  | ---- | --- | -----                   | -----                   | -----                  | -----                    | -----           | -           |
| 174  | 0901598D8W Management Headquarters WHS |      | 06  | 96                      | 607                     |                        | 607                      | 612             | U           |
|      | Management Support                     |      |     | 96                      | 607                     |                        | 607                      | 612             |             |
|      |  |      |     | -----                   | -----                   | -----                  | -----                    | -----           |             |
|      | Total Washington Headquarters Services |      |     | 96                      | 607                     |                        | 607                      | 612             |             |

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**Program Element Table of Contents (Alphabetically by Program Element Title)**

| <b>Program Element Title</b>        | <b>Program Element Number</b> | <b>Line Item</b> | <b>Budget Activity</b> | <b>Page</b>  |
|-------------------------------------|-------------------------------|------------------|------------------------|--------------|
| IT Software Development Initiatives | 0901598D8W                    | 176              | 06.....                | Volume 5 - 1 |

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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2015 Washington Headquarters Service **Date:** March 2014

|  |   |
|--|---|
| <b>Appropriation/Budget Activity</b><br>0400: Research, Development, Test & Evaluation, Defense-Wide / BA 6:<br>RDT&E Management Support | <b>R-1 Program Element (Number/Name)</b><br>PE 0901598D8W / IT Software Development Initiatives |
|--|---|

| COST (\$ in Millions)                | Prior Years | FY 2013 | FY 2014 | FY 2015 Base | FY 2015 OCO # | FY 2015 Total | FY 2016 | FY 2017 | FY 2018 | FY 2019 | Cost To Complete | Total Cost |
|--------------------------------------|-------------|---------|---------|--------------|---------------|---------------|---------|---------|---------|---------|------------------|------------|
| Total Program Element                | 0.167       | 0.096   | 0.607   | 0.612        | -             | 0.612         | 0.614   | 0.625   | 0.636   | 0.648   | Continuing       | Continuing |
| 945: 945 Miscellaneous IT Initiative | 0.167       | 0.096   | 0.607   | 0.612        | -             | 0.612         | 0.614   | 0.625   | 0.636   | 0.648   | Continuing       | Continuing |

# The FY 2015 OCO Request will be submitted at a later date.

## A. Mission Description and Budget Item Justification

The Washington Headquarters Services (WHS) Information Technology (IT) program provides ongoing research, test, development and enhancement initiatives for the Office of the Secretary of Defense (OSD), OSD Principal Staff Assistants, and WHS Directorates. Ongoing initiatives include enterprise storage testing, enterprise performance and productivity analysis, enterprise/business applications development and enhancements, operational support enhancements, and information assurance testing and development.

| <b>B. Program Change Summary (\$ in Millions)</b> | <b>FY 2013</b> | <b>FY 2014</b> | <b>FY 2015 Base</b> | <b>FY 2015 OCO</b> | <b>FY 2015 Total</b> |
|---|----------------|----------------|---------------------|--------------------|----------------------|
| Previous President's Budget                       | 0.104          | 0.607          | 0.612               | -                  | 0.612                |
| Current President's Budget                        | 0.096          | 0.607          | 0.612               | -                  | 0.612                |
| Total Adjustments                                 | -0.008         | -              | -                   | -                  | -                    |
| • Congressional General Reductions                | -0.008         | -              | -                   | -                  | -                    |
| • Congressional Directed Reductions               | -              | -              | -                   | -                  | -                    |
| • Congressional Rescissions                       | -              | -              | -                   | -                  | -                    |
| • Congressional Adds                              | -              | -              | -                   | -                  | -                    |
| • Congressional Directed Transfers                | -              | -              | -                   | -                  | -                    |
| • Reprogrammings                                  | -              | -              | -                   | -                  | -                    |
| • SBIR/STTR Transfer                              | -              | -              | -                   | -                  | -                    |

## Change Summary Explanation

The FY 2013 program is in compliance with Section 638 of Title 15 USC-Small Business Innovation Research Program and the Small Business Technology Transfer Program.

The FY 2015 program will develop, test, pilot, and deploy new integrated business tools that will enhance human resource management, acquisition, and executive services business processes that support WHS/OSD. Funds will also be used for developing and testing tools that will improve the delivery of IT services and capabilities for all WHS/OSD users.

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|  |                |         |         |                 |   |                  |         |         |  |                  |                     |               |
|--|----------------|---------|---------|-----------------|---|------------------|---------|---------|--|------------------|---------------------|---------------|
| Exhibit R-2A, RDT&E Project Justification: PB 2015 Washington Headquarters Service   |                |         |         |                 |   |                  |         |         |  | Date: March 2014 |                     |               |
| Appropriation/Budget Activity<br>0400 / 6  |                |         |         |                 | R-1 Program Element (Number/Name)<br>PE 0901598D8W / IT Software<br>Development Initiatives |                  |         |         | Project (Number/Name)<br>945 / 945 Miscellaneous IT Initiative |                  |                     |               |
| COST (\$ in Millions)  | Prior<br>Years | FY 2013 | FY 2014 | FY 2015<br>Base | FY 2015<br>OCO #  | FY 2015<br>Total | FY 2016 | FY 2017 | FY 2018  | FY 2019          | Cost To<br>Complete | Total<br>Cost |
| 945: 945 Miscellaneous IT Initiative   | 0.167          | 0.096   | 0.607   | 0.612           | -   | 0.612            | 0.614   | 0.625   | 0.636  | 0.648            | Continuing          | Continuing    |
| Quantity of RDT&E Articles   | -              | -       | -       | -               | -   | -                | -       | -       | -  | -                |                     |               |
| # The FY 2015 OCO Request will be submitted at a later date.   |                |         |         |                 |   |                  |         |         |  |                  |                     |               |
| A. Mission Description and Budget Item Justification   |                |         |         |                 |   |                  |         |         |  |                  |                     |               |
| P945 – Miscellaneous IT Initiative - The WHS provides various IT support for the WHS/OSD to align processes and information technology that will enable mission accomplishment.  |                |         |         |                 |   |                  |         |         |  |                  |                     |               |
| B. Accomplishments/Planned Programs (\$ in Millions)   |                |         |         |                 |   |                  |         |         |  | FY 2013          | FY 2014             | FY 2015       |
| Title: Enterprise Information Technology Services Directorate (EITSD) IT   |                |         |         |                 |   |                  |         |         |  | -                | 0.500               | -             |
| FY 2014 Plans:<br>To develop, test, pilot, and deploy new integrated business tools that will enhance human resource management, acquisition, and executive services business processes that support WHS/OSD. Funds will also be used for developing and testing tools that will improve the delivery of IT services and capabilities for all WHS/OSD users. WHS/OSD continues to expand the Engineering, Test and Development networks for NIPR and SIPR. The long term goal is to provide and maintain a centrally managed, "State-of-the-Art", Virtual Environment for developers throughout OSD, WHS and PFFA. |                |         |         |                 |   |                  |         |         |  |                  |                     |               |
| Title: Certification and Accreditation   |                |         |         |                 |   |                  |         |         |  | -                | -                   | -             |
| FY 2013 Accomplishments:<br>N/A  |                |         |         |                 |   |                  |         |         |  |                  |                     |               |
| Title: Secure Mobile Computing   |                |         |         |                 |   |                  |         |         |  | 0.096            | 0.107               | 0.612         |
| FY 2013 Accomplishments:<br>To develop better mobile classified computing and communications platforms for all customers. This will allow for DOD capabilities to address secure computing at residences and at temporary and mobile locations around the world.   |                |         |         |                 |   |                  |         |         |  |                  |                     |               |
| FY 2014 Plans:<br>A continuation of the FY 2013 program of developing better mobile classified computing and communications platforms for all customers to have secure computing at residences and at temporary and mobile locations around the world.   |                |         |         |                 |   |                  |         |         |  |                  |                     |               |
| FY 2015 Plans:   |                |         |         |                 |   |                  |         |         |  |                  |                     |               |

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|   |  |  |                |
|---|--|--|----------------|
| <b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2015 Washington Headquarters Service   |  | <b>Date:</b> March 2014  |                |
| <b>Appropriation/Budget Activity</b><br>0400 / 6  | <b>R-1 Program Element (Number/Name)</b><br>PE 0901598D8W / <i>IT Software Development Initiatives</i> | <b>Project (Number/Name)</b><br>945 / <i>945 Miscellaneous IT Initiative</i> |                |
| <b>B. Accomplishments/Planned Programs (\$ in Millions)</b>   |  | <b>FY 2013</b>   | <b>FY 2014</b> |
| A continuation of the FY 2014 program of developing better mobile classified computing and communications platforms for all customers to have secure computing at residences and at temporary and mobile locations around the world.  |  |  |                |
| <b>Accomplishments/Planned Programs Subtotals</b>   |  | 0.096  | 0.607          |
| <b>C. Other Program Funding Summary (\$ in Millions)</b><br>N/A   |  |  |                |
| <b>Remarks</b>  |  |  |                |
| <b>D. Acquisition Strategy</b><br>Not applicable for this item  |  |  |                |
| <b>E. Performance Metrics</b><br>FY 2013 Established Secure Mobile Computing for the Secretary of Defense Communications.<br><br>FY 2014: Continuation of FY 2013 program with a faster and more cost effective approach to evaluation and application of new software and information technology. To achieve a 15% reduction in the time to deploy modifications, upgrades and capabilities to customers |  |  |                |