

**UNCLASSIFIED**

|                                                                       |                            |
|-----------------------------------------------------------------------|----------------------------|
| <b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2013 Navy | <b>DATE:</b> February 2012 |
|-----------------------------------------------------------------------|----------------------------|

|                                                                                                                                                      |                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>APPROPRIATION/BUDGET ACTIVITY</b><br>1319: <i>Research, Development, Test &amp; Evaluation, Navy</i><br>BA 6: <i>RDT&amp;E Management Support</i> | <b>R-1 ITEM NOMENCLATURE</b><br>PE 0605804N: <i>Technical Information Services</i> |
|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|

| <b>COST (\$ in Millions)</b>        | <b>FY 2011</b> | <b>FY 2012</b> | <b>FY 2013 Base</b> | <b>FY 2013 OCO</b> | <b>FY 2013 Total</b> | <b>FY 2014</b> | <b>FY 2015</b> | <b>FY 2016</b> | <b>FY 2017</b> | <b>Cost To Complete</b> | <b>Total Cost</b> |
|-------------------------------------|----------------|----------------|---------------------|--------------------|----------------------|----------------|----------------|----------------|----------------|-------------------------|-------------------|
| Total Program Element               | 1.147          | 0.571          | 0.796               | -                  | 0.796                | 0.903          | 1.010          | 1.071          | 1.083          | Continuing              | Continuing        |
| 0835: <i>Tech Info System</i>       | 0.640          | 0.571          | 0.796               | -                  | 0.796                | 0.903          | 1.010          | 1.071          | 1.083          | Continuing              | Continuing        |
| 2296: <i>Federal Lab Consortium</i> | 0.507          | -              | -                   | -                  | -                    | -              | -              | -              | -              | 0.000                   | 0.507             |

**A. Mission Description and Budget Item Justification**

The Technical Information Services program provides support to achieve affordability in the development of Navy systems by reducing life-cycle costs through the facilitation of advanced technology associations between U.S. industry and the Navy. Warfighting effectiveness is enhanced through strategic relationships with industry to commercialize the science and technology developed by the Naval Research Enterprise and to gain: strategic understanding of industry Research and Development Programs and plans; access concepts and technologies; and access to business practices within the civil sector.

| <b>B. Program Change Summary (\$ in Millions)</b> | <b>FY 2011</b> | <b>FY 2012</b> | <b>FY 2013 Base</b> | <b>FY 2013 OCO</b> | <b>FY 2013 Total</b> |
|---------------------------------------------------|----------------|----------------|---------------------|--------------------|----------------------|
| Previous President's Budget                       | 0.662          | 0.571          | 0.556               | -                  | 0.556                |
| Current President's Budget                        | 1.147          | 0.571          | 0.796               | -                  | 0.796                |
| Total Adjustments                                 | 0.485          | -              | 0.240               | -                  | 0.240                |
| • Congressional General Reductions                | -              | -              |                     |                    |                      |
| • Congressional Directed Reductions               | -              | -              |                     |                    |                      |
| • Congressional Rescissions                       | -              | -              |                     |                    |                      |
| • Congressional Adds                              | -              | -              |                     |                    |                      |
| • Congressional Directed Transfers                | -              | -              |                     |                    |                      |
| • Reprogrammings                                  | -              | -              |                     |                    |                      |
| • SBIR/STTR Transfer                              | 0.488          | -              |                     |                    |                      |
| • Program Adjustments                             | -              | -              | 0.241               | -                  | 0.241                |
| • Rate/Misc Adjustments                           | -              | -              | -0.001              | -                  | -0.001               |
| • Congressional General Reductions                | -0.003         | -              | -                   | -                  | -                    |
| Adjustments                                       |                |                |                     |                    |                      |

**Change Summary Explanation**

Technical: Not applicable.

Schedule: Not applicable.

**UNCLASSIFIED**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |         |              |                                                                      |               |         |         |                                   |         |                  |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|--------------|----------------------------------------------------------------------|---------------|---------|---------|-----------------------------------|---------|------------------|------------|
| Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         |         |              |                                                                      |               |         |         | DATE: February 2012               |         |                  |            |
| APPROPRIATION/BUDGET ACTIVITY<br>1319: Research, Development, Test & Evaluation, Navy<br>BA 6: RDT&E Management Support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         |         |              | R-1 ITEM NOMENCLATURE<br>PE 0605804N: Technical Information Services |               |         |         | PROJECT<br>0835: Tech Info System |         |                  |            |
| COST (\$ in Millions)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | FY 2011 | FY 2012 | FY 2013 Base | FY 2013 OCO                                                          | FY 2013 Total | FY 2014 | FY 2015 | FY 2016                           | FY 2017 | Cost To Complete | Total Cost |
| 0835: Tech Info System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.640   | 0.571   | 0.796        | -                                                                    | 0.796         | 0.903   | 1.010   | 1.071                             | 1.083   | Continuing       | Continuing |
| Quantity of RDT&E Articles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0       | 0       | 0            | 0                                                                    | 0             | 0       | 0       | 0                                 | 0       |                  |            |
| A. Mission Description and Budget Item Justification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |         |              |                                                                      |               |         |         |                                   |         |                  |            |
| The goal for this project is to enhance warfighter effectiveness by: leveraging industry independent Research and Development science and technology base; developing strategic partnerships with industry to transition private sector technology; and transferring appropriate Navy-developed innovative concepts and inventions to the private sector for purposes of commercialization. (Public Law 96-480, Federal Technology Transfer Act of 1986)                                                                                                                                                           |         |         |              |                                                                      |               |         |         |                                   |         |                  |            |
| This project also provides the Department of the Navy (DoN) interface to the Office of the Deputy Under Secretary of Defense for Science and Technology, Office of Technology Transition, and to the Assistant Secretary of Commerce for Technology Policy for matters relating to policy and reporting requirements for technology transfer.                                                                                                                                                                                                                                                                      |         |         |              |                                                                      |               |         |         |                                   |         |                  |            |
| The increase from FY 2012 to FY 2013 is due to the return on investment of T2 pilot projects to the Naval Research Enterprise by Chief of Naval Research.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |         |              |                                                                      |               |         |         |                                   |         |                  |            |
| B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         |         |              |                                                                      |               |         |         | FY 2011                           | FY 2012 | FY 2013          |            |
| Title: TECHNICAL INFORMATION SERVICES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |         |              |                                                                      |               |         |         | 0.640                             | 0.571   | 0.796            |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |         |              |                                                                      |               |         |         | 0                                 | 0       | 0                |            |
| Description: Technical Information Services supports the spin-in and spin-out of research and development performed by Navy laboratories and industry. This program develops the tools and provides management oversight of the DoN Domestic Technology Transfer (T2) Program.                                                                                                                                                                                                                                                                                                                                     |         |         |              |                                                                      |               |         |         | Articles:                         |         |                  |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |         |              |                                                                      |               |         |         |                                   |         |                  |            |
| FY 2011 Accomplishments:<br>- Completed two pilot programs supporting T2 efforts at Navy Office of Research and Technology Applications (ORTA) across Navy laboratories.<br>- Initiated development of a database to capture value of technology transfer to the Navy and, if possible, platform insertion information.<br>- Initiated effort to raise visibility of Navy technologies through a more widely defined publications program.<br>- Initiated study to analyze trends of Cooperative Research and Development Agreements (CRADAs) in the Navy Defense Technology Transfer Information System (NDTTIS). |         |         |              |                                                                      |               |         |         |                                   |         |                  |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |         |              |                                                                      |               |         |         |                                   |         |                  |            |
| FY 2012 Plans:<br>- Continued all efforts of FY 2011.<br>- Initiated effort to implement Navy participation in support of new DoD T2 Strategic Plan.                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |         |              |                                                                      |               |         |         |                                   |         |                  |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |         |              |                                                                      |               |         |         |                                   |         |                  |            |

**UNCLASSIFIED**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                    |                                                 |                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
| <b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2013 Navy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                    | <b>DATE:</b> February 2012                      |                |
| <b>APPROPRIATION/BUDGET ACTIVITY</b><br>1319: <i>Research, Development, Test &amp; Evaluation, Navy</i><br>BA 6: <i>RDT&amp;E Management Support</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>R-1 ITEM NOMENCLATURE</b><br>PE 0605804N: <i>Technical Information Services</i> | <b>PROJECT</b><br>0835: <i>Tech Info System</i> |                |
| <b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                    | <b>FY 2011</b>                                  | <b>FY 2012</b> |
| <ul style="list-style-type: none"> <li>- Initiated effort to advance the Navy engagement in the DOD 1401 T2 Program.</li> <li>- Initiated effort to increase intellectual property mining activities at Navy laboratories.</li> </ul> <p><b><i>FY 2013 Plans:</i></b></p> <ul style="list-style-type: none"> <li>- Continue all efforts of FY 2012.</li> <li>- Initiate two new pilot programs to support Technology Transfer(T2) efforts at Navy Office of Research and Technology Application (ORTA) activities across laboratories.</li> <li>- Initiate effort to develop guidelines to implement the use of CRADAs in the Navy Acquisition Program.</li> <li>- Initiate effort for Phase III of Navy Defense Technology Transfer Information System (NDTTIS) database to include value/impact of CRADAs including T2 and First Responder results of commercialization and benefits to the Warfighter.</li> <li>- Initiate effort to implement two standardized T2 agreements.</li> <li>- Develop new T2 training course.</li> </ul> |                                                                                    |                                                 |                |
| <b>Accomplishments/Planned Programs Subtotals</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                    | 0.640                                           | 0.571          |
| <b>C. Other Program Funding Summary (\$ in Millions)</b><br>N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                    |                                                 |                |
| <b>D. Acquisition Strategy</b><br>Not Applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                    |                                                 |                |
| <b>E. Performance Metrics</b><br>Demonstrate support for technological transitions from the Naval Research Enterprise into industrial and commercial enterprises supporting Navy programs of record and warfighter needs, by being responsive to Offices of Research and Technology Applications focal points for technology transfer in their development of Cooperative Research and Development Agreements (CRADA), and reducing transaction/information exchange timeframes by 25%.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                    |                                                 |                |

**UNCLASSIFIED**

|                                                                                                                                                      |                |                |                     |                                                                                    |                      |                |                |                                                       |                |                         |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|---------------------|------------------------------------------------------------------------------------|----------------------|----------------|----------------|-------------------------------------------------------|----------------|-------------------------|-------------------|
| <b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2013 Navy                                                                                   |                |                |                     |                                                                                    |                      |                |                | <b>DATE:</b> February 2012                            |                |                         |                   |
| <b>APPROPRIATION/BUDGET ACTIVITY</b><br>1319: <i>Research, Development, Test &amp; Evaluation, Navy</i><br>BA 6: <i>RDT&amp;E Management Support</i> |                |                |                     | <b>R-1 ITEM NOMENCLATURE</b><br>PE 0605804N: <i>Technical Information Services</i> |                      |                |                | <b>PROJECT</b><br>2296: <i>Federal Lab Consortium</i> |                |                         |                   |
| <b>COST (\$ in Millions)</b>                                                                                                                         | <b>FY 2011</b> | <b>FY 2012</b> | <b>FY 2013 Base</b> | <b>FY 2013 OCO</b>                                                                 | <b>FY 2013 Total</b> | <b>FY 2014</b> | <b>FY 2015</b> | <b>FY 2016</b>                                        | <b>FY 2017</b> | <b>Cost To Complete</b> | <b>Total Cost</b> |
| 2296: <i>Federal Lab Consortium</i>                                                                                                                  | 0.507          | -              | -                   | -                                                                                  | -                    | -              | -              | -                                                     | -              | 0.000                   | 0.507             |
| Quantity of RDT&E Articles                                                                                                                           | 0              | 0              | 0                   | 0                                                                                  | 0                    | 0              | 0              | 0                                                     | 0              |                         |                   |

**A. Mission Description and Budget Item Justification**  
The Federal Laboratory Consortium for Technology Transfer (FLC) was established by Congress under the Federal Technology Transfer Act of 1986 (P.L. 99-502, 20 October 1986, as amended). The FLC, in cooperation with federal laboratories and the private sector, provides services to enhance the transfer of federally-developed technology to include activities such as: developing and administering technology transfer training courses and materials; assisting Federal agencies and laboratories in their technology transfer programs; and providing a clearinghouse for technology transfer requests.

|                                                                                                    |                |                |                |
|----------------------------------------------------------------------------------------------------|----------------|----------------|----------------|
| <b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>            | <b>FY 2011</b> | <b>FY 2012</b> | <b>FY 2013</b> |
| <b>Title:</b> Federal Lab Consortium<br><br><div style="text-align: right;"><b>Articles:</b></div> | 0.507<br>0     | -              | -              |
| <b>FY 2011 Accomplishments:</b><br>N/A                                                             |                |                |                |
| <b>Accomplishments/Planned Programs Subtotals</b>                                                  | 0.507          | -              | -              |

**C. Other Program Funding Summary (\$ in Millions)**  
N/A

**D. Acquisition Strategy**  
N/A

**E. Performance Metrics**  
In accordance with the Federal Technology Transfer Act of 1986 (P.L. 99-502, 20 October 1986, as amended), disseminated funding judiciously.