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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2021 Navy **Date:** February 2020

<b>Appropriation/Budget Activity</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy / BA 6: RDT&amp;E Management Support</i>	<b>R-1 Program Element (Number/Name)</b> PE 0605804N / <i>Technical Information Services</i>
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COST (\$ in Millions)	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
Total Program Element	0.000	1.465	0.988	0.932	-	0.932	0.945	0.965	0.985	1.004	Continuing	Continuing
0835: <i>Tech Info System</i>	0.000	1.001	0.988	0.932	-	0.932	0.945	0.965	0.985	1.004	Continuing	Continuing
2296: <i>Federal Lab Consortium</i>	0.000	0.464	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.464

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

The Department of the Navy (DON) often funds research and new technologies that have commercial application and payoff. To facilitate the "tactical to practical" transition, the DON Technology Transfer (T2) Program Office produces policy and guidance, products and services to help make Navy-developed technologies available for public use, as appropriate. There are a number of ways in which the actual transfer may take place, Technology Transfer Offices to enhance U.S. naval forces effectiveness by strategically leveraging industrial and academic research and development partnerships for modernization. These partnerships transition private sector technology into the NRE, and transfer appropriate Navy-developed innovative concepts, inventions, facilities and materiel to the private sector for the purposes of dual-use commercialization, to benefit DoD, the public economy, and academia. (Public Law 96-480, Federal Technology Transfer Act of 1986.) This program also provides the Department of the Navy interface to the Office of the Assistant Secretary of Defense for Research and Engineering, and to the Assistant Secretary of Commerce for Technology Policy for matters relating to policy and reporting requirements for technology transfer.

Due to the number of efforts in this PE, the programs described herein are representative of the work included in this PE.

<b>B. Program Change Summary (\$ in Millions)</b>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021 Base</u>	<u>FY 2021 OCO</u>	<u>FY 2021 Total</u>
Previous President's Budget	1.029	0.988	0.930	-	0.930
Current President's Budget	1.465	0.988	0.932	-	0.932
Total Adjustments	0.436	0.000	0.002	-	0.002
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	0.436	0.000			
• Rate/Misc Adjustments	0.000	0.000	0.002	-	0.002

**Change Summary Explanation**

Funding: No significant change

Technical: Not applicable.

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Schedule: Not applicable.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2021 Navy										<b>Date:</b> February 2020		
<b>Appropriation/Budget Activity</b> 1319 / 6					<b>R-1 Program Element (Number/Name)</b> PE 0605804N / <i>Technical Information Services</i>				<b>Project (Number/Name)</b> 0835 / <i>Tech Info System</i>			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021 Base</b>	<b>FY 2021 OCO</b>	<b>FY 2021 Total</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
0835: <i>Tech Info System</i>	0.000	1.001	0.988	0.932	-	0.932	0.945	0.965	0.985	1.004	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

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

The Department of Navy Technology Transfer (T2) Program Office produces policy and guidance, products and services to the Naval Research Enterprise's (NRE) 42 Technology Transfer Offices to enhance warfighter effectiveness and modernize maintenance and sustainment by strategically leveraging industrial and academic research and development partnerships. These partnerships transition private sector technology into the NRE, and transfer appropriate Navy-developed innovative concepts, inventions, facilities and materiel to the private sector for the purposes of dual-use commercialization, to benefit DoD, the public economy, and academia (Public Law 96-480, Federal Technology Transfer Act of 1986). This program also provides the Department of the Navy interface to the Office of the Assistant Secretary of Defense for Research and Engineering, and to the Assistant Secretary of Commerce for Technology Policy for matters relating to policy and reporting requirements for technology transfer.

**B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)**

	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021 Base</b>	<b>FY 2021 OCO</b>	<b>FY 2021 Total</b>
<b>Title:</b> DON Technology Transfer	1.001	0.988	0.932	0.000	0.932
<b>Articles:</b>	-	-	-	-	-
<b>Description:</b> DOD Technology Transfer (T2) Program Office is responsible for Technology Transfer policy updates, administration, and oversight as delegated by the Secretary of the Navy (SECNAV). The T2 Program Office is also responsible for programmatic and financial management, setting requirements for and administering professional training, opportunity marketing, setting T2 laboratory designation authority, pilot program administration T2 records management, review, reporting, and storage. This program also provides the Department of the Navy interface to the Office of the Assistant Secretary of Defense for Research and Engineering, and to the Assistant Secretary of Commerce for Technology Policy for matters relating to policy and reporting requirements for technology transfer.					
<b>FY 2020 Plans:</b> To enhance transactional efficiency between the Navy laboratories and industry and academic collaborators, the Navy Technology Transfer (T2) Office will revise and update Technology Transfer mechanisms (e.g., Cooperative Research and Development Agreements (CRADAs), PIAs templates, Navy Defense Technology Transfer Information System (NDTTIS) database, online training), Technology Transfer Handbook, Licensing Handbook and Policy Guidance. It will also execute at least two new pilot programs to embolden innovative T2 efforts at Navy Office of Research and Technology Application (ORTA) activities across laboratories and					

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2021 Navy		<b>Date:</b> February 2020
<b>Appropriation/Budget Activity</b> 1319 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0605804N / <i>Technical Information Services</i>	<b>Project (Number/Name)</b> 0835 / <i>Tech Info System</i>

**B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)**

	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021 Base</b>	<b>FY 2021 OCO</b>	<b>FY 2021 Total</b>
<p>commercialize Navy laboratory-developed technologies. Additionally, the T2 Program Office will raise the visibility of Navy technologies through publications, videos, website/social media, marketing and outreach to capitalize on the Navy laboratory developed innovations and systematically drive economic growth in the industrial base, create new services and products and amplify an inclusive technology based economic development.</p> <p>In order to deliver solutions and capabilities to the acquisition workforce in support of the warfighter, the Navy T2 Program Office will enhance the NDTTIS database to leverage the value/impact of CRADAs. The Navy-wide T2 Innovation Discovery/Intellectual Property Mining Program will be expanded to identify, license and transition more patentable inventions that provide solutions to acquisition and commercial industry technological challenges that can benefit the warfighter and society. The Program Office will also lead and participate in national and regional technology transfer industry and academia engagement events to optimize the marketing and outreach of Navy developed inventions and expand on collaboration opportunities with industry and engage with underserved communities and non-traditional partners to advance commercialization.</p> <p>The Navy T2 Program Office will institute a customer relationship and transaction management system that harmonizes and streamlines the T2 mechanism collaboration process, consolidates the Navy's intellection capital into a single structure through a centrally managed portfolio that will include a marketing analysis component, provide for external and internal stakeholder engagement, licensing and ecosystem landscape analysis to discover and forge opportunities for mutually beneficial T2 commercialization collaborations with academia, economic development agencies and start-up businesses.</p> <p><b>FY 2021 Base Plans:</b> To enhance transactional efficiency between the Navy laboratories and industry and academic collaborators, the Navy Technology Transfer (T2) Program Office will continue to revise and update Technology Transfer mechanisms Development Agreements (CRADAs), Partnership Intermediary Agreement (PIA) templates, the Navy Defense Technology Transfer Information System (NDTTIS) database, online training, Technology Transfer Handbook, Licensing Handbook, and Policy Guidance. It will also continue to execute at least two new pilot programs to embolden innovative T2 efforts Navy Office of Research and Technology Application (ORTA) activities across laboratories and commercialize Navy laboratory-developed technologies. Additionally the T2 Program Office will continue to raise the visibility of Navy technologies through enhancing and updating publications, videos, website/social media, marketing and outreach to capitalize on the Navy laboratory-</p>					

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<b>Appropriation/Budget Activity</b> 1319 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0605804N / <i>Technical Information Services</i>	<b>Project (Number/Name)</b> 0835 / <i>Tech Info System</i>
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<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
<p>developed innovations and systematically drive economic growth in the industrial base, create new services and products and amplify an inclusive technology based economic development.</p> <p>In order to deliver solutions and capabilities to the acquisition workforce in support of the warfighter, the Navy T2 Program Office will continue to enhance and maintain the NDTTIS database to leverage the value/impact of CRADAs. The Navy-wide T2 Innovation Discovery/Intellectual Property Mining Program will continue to be expanded and enhanced to identify, license and transition more patentable inventions that provide solutions to acquisition and commercial industry technological challenges that can benefit the warfighter and society. The Program Office will continue to lead and participate in national and regional technology transfer, SBIR/ STTR, industrial, and academic engagement events to optimize the marketing and outreach of Navy-developed inventions and expand on collaboration opportunities with industry and engage with underserved communities and non-traditional partners to advance commercialization.</p> <p>The Navy T2 Program Office will continue to institute customer relationship and transaction management system that harmonizes and streamlines the T2 mechanism collaboration process, consolidates the Navy's intellection capital into a single structure through a centrally managed portfolio that will include a marketing analysis component, provide for external and internal stakeholder engagement, licensing and ecosystem landscape analysis to discover and forge opportunities for mutually beneficial T2 commercialization collaborations with academia, economic development agencies and start-up businesses.</p> <p><b>FY 2021 OCO Plans:</b> N/A</p> <p><b>FY 2020 to FY 2021 Increase/Decrease Statement:</b> No significant changes from FY 2020 to FY 2021; no programmatic impact.</p>					
<b>Accomplishments/Planned Programs Subtotals</b>	1.001	0.988	0.932	0.000	0.932

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

**Remarks**

**D. Acquisition Strategy**  
N/A

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**Exhibit R-2A, RDT&E Project Justification:** PB 2021 Navy **Date:** February 2020

<b>Appropriation/Budget Activity</b> 1319 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0605804N / <i>Technical Information Services</i>	<b>Project (Number/Name)</b> 2296 / <i>Federal Lab Consortium</i>
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COST (\$ in Millions)	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
2296: <i>Federal Lab Consortium</i>	0.000	0.464	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.464
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

**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. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)**

	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
<b>Title:</b> Federal Lab Consortium	0.464	0.000	0.000	0.000	0.000
<b>Articles:</b>	-	-	-	-	-
<b>Description:</b> 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>FY 2020 Plans:</b> N/A					
<b>FY 2021 Base Plans:</b> N/A					
<b>FY 2021 OCO Plans:</b> N/A					
<b>Accomplishments/Planned Programs Subtotals</b>	0.464	0.000	0.000	0.000	0.000

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

N/A

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

**Remarks**

**D. Acquisition Strategy**

N/A