

# UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy									DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 6: RDT&E Management Support				R-1 ITEM NOMENCLATURE PE 0605804N: Technical Information Services							
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	16.023	20.749	0.662	0.000	0.662	0.705	0.719	0.733	0.750	Continuing	Continuing
0835: Tech Info System	0.711	0.732	0.662	0.000	0.662	0.705	0.719	0.733	0.750	Continuing	Continuing
2296: Federal Lab Consortium	0.452	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.234
9999: Congressional Adds	14.860	20.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	106.430

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 Independent Research and Development Programs and plans; access concepts and technologies; and access to business practices within the civil sector.

B. Program Change Summary (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	15.571	0.735	0.000	0.000	0.000
Current President's Budget	16.023	20.749	0.662	0.000	0.662
Total Adjustments	0.452	20.014	0.662	0.000	0.662
• Congressional General Reductions		-0.086			
• Congressional Directed Reductions		0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds		20.100			
• Congressional Directed Transfers		0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.452	0.000			
• Program Adjustments	0.000	0.000	0.662	0.000	0.662

Congressional Add Details (\$ in Millions, and Includes General Reductions)

Project: 9999: Congressional Adds

FY 2009	FY 2010

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<b><u>Congressional Add Details (\$ in Millions, and Includes General Reductions)</u></b>		<b>FY 2009</b>	<b>FY 2010</b>
Congressional Add: <i>Hawaii Technology Development Venture</i>		0.000	9.959
Congressional Add: <i>Technology Transfer Office</i>		0.000	1.494
Congressional Add: <i>Virtual Business Accelerator for the Silicon Prairie</i>		0.000	1.593
Congressional Add: <i>COMMERCIALIZATION OF ADVANCED TECHNOLOGY</i>		2.493	1.992
Congressional Add: <i>HTDV</i>		9.973	0.000
Congressional Add: <i>INTEGRATED MANUFACTURING ENTERPRISE</i>		2.394	4.979
Congressional Add Subtotals for Project: 9999		14.860	20.017
Congressional Add Totals for all Projects		14.860	20.017
<b><u>Change Summary Explanation</u></b>			
Technical: Not applicable.			
Schedule: Not applicable.			
FY11 from previous President's Budget is shown as zero because no FY11-15 data was presented in President's Budget 2010.			

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<b>COST (\$ in Millions)</b>	<b>FY 2009 Actual</b>	<b>FY 2010 Estimate</b>	<b>FY 2011 Base Estimate</b>	<b>FY 2011 OCO Estimate</b>	<b>FY 2011 Total Estimate</b>	<b>FY 2012 Estimate</b>	<b>FY 2013 Estimate</b>	<b>FY 2014 Estimate</b>	<b>FY 2015 Estimate</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
0835: <i>Tech Info System</i>	0.711	0.732	0.662	0.000	0.662	0.705	0.719	0.733	0.750	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.

**B. Accomplishments/Planned Program (\$ in Millions)**

	<b>FY 2009</b>	<b>FY 2010</b>	<b>FY 2011 Base</b>	<b>FY 2011 OCO</b>	<b>FY 2011 Total</b>
<b>TECHNICAL INFORMATION SERVICES</b>  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.  <i>FY 2009 Accomplishments:</i> - Continued to maintain the network tracking of technology transfer efforts required for Congressional reporting. - Continued to increase outreach and marketing efforts.	0.711	0.732	0.662	0.000	0.662

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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<ul style="list-style-type: none"><li>- Continued the pilot program of leveraging Master of Business Administration technology commercialization course to perform intellectual property assessments, conduct market studies and find potential licensing partners.</li><li>- Continued three new pilot programs: Revising the Defense Technology Transfer Information System (DTTIS) database; revising the Office of Naval Research (ONR) technology transfer website; and leveraging with the Naval Research Enterprise Intern Program (NREIP) to fund student interns to support the Navy Office of Research and Technology Application (ORTA) activities.</li><li>- Completed revising the DTTIS database.</li><li>- Completed revising the ONR technology transfer website.</li><li>- Initiated and complete SECNAVINST 5700 revision.</li><li>- Initiated two new pilot programs to support T2 efforts at ORTAs across Navy laboratories.</li></ul> <p>Acquisition Workforce Fund:</p> <ul style="list-style-type: none"><li>- Funded DoD Acquisition Workforce Fund.</li></ul> <p><i>FY 2010 Plans:</i></p> <ul style="list-style-type: none"><li>- Continue all efforts of FY 2009, less those noted as completed above.</li><li>- Complete leveraging MBA technology commercialization course to perform intellectual property assessments, conduct market studies and find potential licensing partners.</li><li>- Initiate effort for Phase II of DTTIS database to include patent licensing tracking.</li><li>- Initiate effort for Phase II of ONR technology transfer website to include content management.</li><li>- Initiate two new pilot programs to support T2 efforts at ORTAs across Navy laboratories.</li></ul> <p><i>FY 2011 Base Plans:</i></p> <ul style="list-style-type: none"><li>- Continue all efforts of FY 2010, less those noted as completed above.</li><li>- Initiate development of a database to capture value of technology transfer to the Navy and, if possible, platform insertion information.</li></ul>						

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<b>B. Accomplishments/Planned Program (\$ in Millions)</b>								
				<b>FY 2009</b>	<b>FY 2010</b>	<b>FY 2011 Base</b>	<b>FY 2011 OCO</b>	<b>FY 2011 Total</b>
<ul style="list-style-type: none"> <li>- Initiate effort to raise visibility of Navy technologies through a more widely defined publications program.</li> <li>- Initiate study to analyze trends of Cooperative Research and Development Agreements in the Navy Defense Technology Transfer Information System (NDTTIS).</li> <li>- Initiate two new pilot programs to support T2 efforts at ORTAs across Navy laboratories.</li> </ul>								
Accomplishments/Planned Programs Subtotals				0.711	0.732	0.662	0.000	0.662
<b>C. Other Program Funding Summary (\$ in Millions)</b>								
N/A								
<b>D. Acquisition Strategy</b>								
N/A								
<b>E. Performance Metrics</b>								
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%.								

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<b>COST (\$ in Millions)</b>	<b>FY 2009 Actual</b>	<b>FY 2010 Estimate</b>	<b>FY 2011 Base Estimate</b>	<b>FY 2011 OCO Estimate</b>	<b>FY 2011 Total Estimate</b>	<b>FY 2012 Estimate</b>	<b>FY 2013 Estimate</b>	<b>FY 2014 Estimate</b>	<b>FY 2015 Estimate</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
2296: <i>Federal Lab Consortium</i>	0.452	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.234
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
<b>A. Mission Description and Budget Item Justification</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>B. Accomplishments/Planned Program (\$ in Millions)</b>											
						<b>FY 2009</b>	<b>FY 2010</b>	<b>FY 2011 Base</b>	<b>FY 2011 OCO</b>	<b>FY 2011 Total</b>	
Federal Lab Consortium  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.  <i>FY 2009 Accomplishments:</i> - Provided services to enhance the transfer of federally-developed technology.						0.452	0.000	0.000	0.000	0.000	
Accomplishments/Planned Programs Subtotals						0.452	0.000	0.000	0.000	0.000	

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<p><b><u>C. Other Program Funding Summary (\$ in Millions)</u></b> N/A</p> <p><b><u>D. Acquisition Strategy</u></b> N/A</p> <p><b><u>E. Performance Metrics</u></b> In accordance with the Federal Technology Transfer Act of 1986 (P.L. 99-502, 20 October 1986, as amended), disseminated funding judiciously.</p>		

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<b>COST (\$ in Millions)</b>	<b>FY 2009 Actual</b>	<b>FY 2010 Estimate</b>	<b>FY 2011 Base Estimate</b>	<b>FY 2011 OCO Estimate</b>	<b>FY 2011 Total Estimate</b>	<b>FY 2012 Estimate</b>	<b>FY 2013 Estimate</b>	<b>FY 2014 Estimate</b>	<b>FY 2015 Estimate</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
9999: <i>Congressional Adds</i>	14.860	20.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	106.430
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
<b>A. Mission Description and Budget Item Justification</b> Congressional Interest Items not included in other Projects.											
<b>B. Accomplishments/Planned Program (\$ in Millions)</b>											
							<b>FY 2009</b>	<b>FY 2010</b>			
Congressional Add: Hawaii Technology Development Venture							0.000	9.959			
<i>FY 2010 Plans:</i> The effort supports Hawaii Technology Development Venture research.											
Congressional Add: Technology Transfer Office							0.000	1.494			
<i>FY 2010 Plans:</i> This effort supports Technology Transfer Office research.											
Congressional Add: Virtual Business Accelerator for the Silicon Prairie							0.000	1.593			
<i>FY 2010 Plans:</i> This effort supports Virtual Business Accelerator for the Silicon Prairie research.											
Congressional Add: COMMERCIALIZATION OF ADVANCED TECHNOLOGY							2.493	1.992			

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<b>B. Accomplishments/Planned Program (\$ in Millions)</b>		
	<b>FY 2009</b>	<b>FY 2010</b>
<p><i>FY 2009 Accomplishments:</i> This effort supported the development of commercial and alternative applications of government-sponsored technologies and developed high-tech solutions using advances in technology from academia and the private sector for use in government defined priority issues. CAT executed product development awards and provided business development expertise and market identification and analysis to small businesses.</p> <p><i>FY 2010 Plans:</i> Continue support of commercialization of advanced technology research.</p>		
<p>Congressional Add: HTDV</p> <p><i>FY 2009 Accomplishments:</i> This effort supported the assessment for operational relevance of Hawaii Technology Development Venture (HTDV) technologies and, as appropriate, provided operational forces coordination, test planning and control for candidate technologies. Provided experimentation and demonstration planning/design and directed the execution and assessment of these activities, developed scenarios and test conditions as required, served as liaison between U.S. Marine Corps Forces, Pacific and other Marine Corps activities, and trained and educated the Science and Technology community on warfighter requirements and operations.</p>	9.973	0.000
<p>Congressional Add: INTEGRATED MANUFACTURING ENTERPRISE</p> <p><i>FY 2009 Accomplishments:</i> This effort supported the demonstration of remanufacturing as a discipline to provide low cost logistic crafts for littoral warfare.</p>	2.394	4.979

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<b><u>B. Accomplishments/Planned Program (\$ in Millions)</u></b>			
		<b>FY 2009</b>	<b>FY 2010</b>
<i>FY 2010 Plans:</i> Continues support of Integrated Manufacturing Enterprise research.			
Congressional Adds Subtotals		14.860	20.017
<b><u>C. Other Program Funding Summary (\$ in Millions)</u></b>			
N/A			
<b><u>D. Acquisition Strategy</u></b>			
N/A			
<b><u>E. Performance Metrics</u></b>			
Congressional add			

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