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FY 2007 RDT&E,N BUDGET ITEM JUSTIFICATION SHEET
Exhibit R-2

DATE: Feb 2006

BUDGET ACTIVITY: 06
PROGRAM ELEMENT: 0605804N
PROGRAM ELEMENT TITLE: TECHNICAL INFORMATION SERVICES

COST: (Dollars in Thousands)

Project Number & Title	FY 2005 Actual	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate
Total PE	25,871	28,904	670	703	723	743	759
0835 TECH INFO SVCS							
665		704	670	703	723	743	759
2296 FEDERAL LAB CONSORTIUM							
416		0	0	0	0	0	0
9999 CONGRESSIONAL PLUS-UPS							
24,790		28,200	0	0	0	0	0

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: The Technical Information Services program provides support to achieve affordability in the development of Navy systems and reduce 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 to concepts and technologies, and access to business practices of the civil sector.

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B. PROGRAM CHANGE SUMMARY:

	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
FY 2006 President's Budget Submission	26,144	714	685
Congressional Action	0	28,200	0
Congressional Undistributed Reductions/Rescissions	-20	-10	0
Execution Adjustments	-20	0	0
Federal Technology Transfer	416	0	0
FY 2005 SBIR	-655	0	0
Program Adjustments	6	0	-20
Rate Adjustments	0	0	5
FY 2007 President's Budget Submission	25,871	28,904	670

PROGRAM CHANGE SUMMARY EXPLANATION:

Technical: Not applicable.

Schedule: Not applicable.

C. OTHER PROGRAM FUNDING SUMMARY:

Not applicable.

D. ACQUISITION STRATEGY:

Not applicable.

E. PERFORMANCE METRICS:

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 Office of Technology Research Applications focal points for technology transfer in their development of Cooperative Research and Development Agreements reducing transaction/information exchange timeframes by 25%.

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PROGRAM ELEMENT: 0605804N

PROJECT NUMBER: 0835

PROGRAM ELEMENT TITLE: TECHNICAL INFORMATION SERVICES

PROJECT TITLE: TECH INFO SVCS

COST: (Dollars in Thousands)

Project Number & Title	FY 2005 Actual	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate
0835 TECH INFO SVCS	665	704	670	703	723	743	759

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: The goal for this project, to enhance warfighter effectiveness, is met through: Navy leverage of the industry independent R&D science and technology base; information exchange on Navy R&D requirements and advanced acquisition information through the Navy Acquisition R&D Information Center (NARDIC); the Navy Potential Contractor Program (NPCP); strategic partnerships with industry to transition private sector technology; and the transfer of 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:

	FY 2005	FY 2006	FY 2007
LEVERAGE OF INDUSTRY R&D	440	582	0

This activity area supports the Technology Transfer Transition Program initiated in FY 2005. FY 2006 reflects an increase due to realignment of funding from the completed "Commercialization of Navy-Developed Technologies" pilot program. FY 2007 reflects the realignment of funds into one consolidated "Technical Information Services" activity area continuing management of on-going programs under that one consolidated activity area.

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PROGRAM ELEMENT: 0605804N

PROJECT NUMBER: 0835

PROGRAM ELEMENT TITLE: TECHNICAL INFORMATION SERVICES

PROJECT TITLE: TECH INFO SVCS

FY 2005 Accomplishments:

- Continued naval/industry collaboration for industrialized "Cymbal" technology to support improved mine identification.
- Completed wide band gap technologies initiative.
- Initiated Technology Transfer Transitions Program to support commercialized transitions into DoN acquisition programs, engineering development programs, and to support emergent warfighter needs identified as a DoN priority.

FY 2006 Plans:

- Continue all efforts of FY 2005 less those noted as completed above.

FY 2007 Plans:

- FY 2006 efforts continue under 'Technical Information Services' activity.

	FY 2005	FY 2006	FY 2007
TECHNICAL INFORMATION SERVICES	118	122	670

Technical Information Services supports information exchange on Navy research and development requirements and advanced acquisition information and information technology tools necessary to provide management and oversight of the DoN domestic technology transfer and technology transition programs.

ONR Product Innovation Division will complete project realignments and consolidation of all on-going activity areas into the Technical Information Services activity area.

FY 2005 Accomplishments:

- Continued to support NARDIC as the primary outreach resource to the private sector.
- Continued to assist small companies to participate in the NPCP and other naval programs.
- Continued on-line job performance support and training tools for DoN technology transfer professionals.
- Continued to maintain the network tracking of technology transfer efforts required for Congressional reporting.

FY 2006 Plans:

- Continue all efforts of FY 2005.

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PROJECT NUMBER: 0835

PROGRAM ELEMENT TITLE: TECHNICAL INFORMATION SERVICES

PROJECT TITLE: TECH INFO SVCS

FY 2007 Plans:

- Continue all Technical Information Services efforts of FY 2006.
- Continue Technology Transfer Transition program efforts (Realigned from 'Leverage of Industry R&D' activity) under this consolidated activity area.
- Complete collaboration for industrialized "Cymbal" technology applicable to mine identification support (Realigned from "Leverage of Industry" activity).

	FY 2005	FY 2006	FY 2007
COMMERCIALIZATION OF NAVY-DEVELOPED TECHNOLOGIES	107	0	0

The pilot program to assess venture capital interest and impact on commercial intellectual property innovations directed towards addressing naval challenges was completed with results distributed to DoN policy organizations. The study served its intended purpose thereby releasing 112K and 107K in FY 2006 and FY 2007 respectively. The FY 2006 funding was realigned to the 'Leverage of Industry R&D' activity and the FY 2007 funding was realigned to the 'Technical Information Services' activity.

FY 2005 Accomplishments:

- Completed pilot program to assess the application of commercial intellectual property driven innovation to naval challenges. Final report produced and distributed.

C. OTHER PROGRAM FUNDING SUMMARY:

Not applicable.

D. ACQUISITION STRATEGY:

Not applicable.

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PROGRAM ELEMENT: 0605804N

PROJECT NUMBER: 0835

PROGRAM ELEMENT TITLE: TECHNICAL INFORMATION SERVICES

PROJECT TITLE: FEDERAL LABORATORY CONSORTIUM

Project	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Number	Actual	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate
& Title							
2296 FEDERAL LABORATORY CONSORTIUM	416	0	0	0	0	0	0

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: The Federal Laboratory Consortium operates in accordance with P.L. 104-113, the National Technology Transfer and Advancement Act of 1995.

B. ACCOMPLISHMENTS/PLANNED PROGRAM:

	FY 2005	FY 2006	FY 2007
FEDERAL LAB CONSORTIUM	416	0	0

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.

FY 2005 Accomplishments:

- Funded the Federal Laboratory Consortium for Technology Transfer in compliance with the Federal Technology Transfer Act of 1986 (P.L. 99-502, 20 October 1986, as amended).

C. OTHER PROGRAM FUNDING SUMMARY:

Not applicable.

D. ACQUISITION STRATEGY:

Not applicable.

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PROGRAM ELEMENT: 0605804N

PROGRAM ELEMENT TITLE: TECHNICAL INFORMATION SERVICES

PROJECT NUMBER: 9999

PROJECT TITLE: Congressional Plus-Ups

CONGRESSIONAL PLUS-UPS:

	FY 2005	FY 2006
COMMERCIALIZATION OF ADVANCED TECHNOLOGY	6,563	5,000

FY 2005: Supported an innovative and cost-effective capability to identify, evaluate, and commercialize cutting edge technologies from any source, such as academia, private industry, and government facilities which addressed naval requirements and other government defined priority issues.

FY 2006: This effort will support commercialization of advanced technology research.

	FY 2005	FY 2006
HTDV	4,049	4,000

FY 2005: Hawaii Technology Development Venture (HTDV) awarded grants/contracts to support research associated with defense wide research initiatives; conducted workshops on project management, business enterprise and proposal preparation; and initiated a mentoring program linking large DoD contractors with local small businesses.

FY 2006: This effort will provide for continued investment in local technology companies research on UAV sensor packages, robotics applications, force protection and IED detect, prevention and threat elimination. HTDV will provide 15-25 grants awarded in a competitive proposal process.

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PROJECT NUMBER: 9999

PROJECT TITLE: Congressional Plus-Ups

	FY 2005	FY 2006
ILLINOIS TECHNOLOGY TRANSITION CENTER	1,252	1,000

FY 2005: Illinois Technology Transition Center established a Technology Transition Center that will identify key Office of Naval Research/Department of the Navy technology needs and match them with the manufacturing and S&T capabilities resident in the state of Illinois. It funded key technology development activities identified by the Center as approved by the Office of Naval Research.

FY 2006: This effort supports research at the Illinois Technology Transition Center.

	FY 2005	FY 2006
INTEGRATED MANUFACTURING ENTERPRISE	3,763	3,000

FY 2005: Integrated Manufacturing Enterprise initiated implementation of state-of-the-art best practices across a wide spectrum of disciplines (including information processing, business practices, manufacturing process controls, and supply-chain management) to significantly impact the cost, quality, and schedule of Navy ships.

FY 2006: This effort supports integrated manufacturing enterprise research.

	FY 2005	FY 2006
JITC	0	7,700

This effort will provide for early stage development projects improving information assurance within medical information surveillance, medical logistics repository, guardian systems for exchange of information between classified and non-classified component commander data bases and Hawaiian educational outreach at the K-12 level.

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PROJECT NUMBER: 9999

PROJECT TITLE: Congressional Plus-Ups

	FY 2005	FY 2006
PACIFIC-BASED JOINT INFORMATION TECHNOLOGY CENTER	8,199	7,500

FY 2005: Pacific-Based Joint Information Technology Center supported research and development of theater medical surveillance networks and the joint medical logistics web site development for DoD asset visibility. Both programs were jointly funded by ONR and the Defense Medical Logistics project. In support of the J4 Staff, Joint Chiefs of Staff funds continued research and development for developing cross domain solutions capable of sharing information between networks of differing security levels for both U.S. and coalition network environments. Supported research and development of methods for the extraction of information from U.S. logistics information systems to develop a comprehensive supply chain management tool for the Joint Staff and Combatant Commanders. Supported educational outreach K-12 in Hawaii to engage students in emerging technology applications.

FY 2006: This effort supports research at the Pacific-Based Joint Information Technology Center.

	FY 2005	FY 2006
SUPPLY CHAIN PRACTICES FOR AFFORDABLE NAVY SYSTEMS (SPANS)	964	0

SPANS improved the affordability of Navy Acquisition programs by increasing the efficiency of the supply chain networks through the Navy's Supply Chain Practices for Affordable Navy Systems project. The FY 2005 effort shifted the emphasis to assist in the transformation of the Navy's organic maintenance and logistics organizations.