

UNCLASSIFIED

FY 2008/2009 RDT&E,N BUDGET ITEM JUSTIFICATION SHEET
Exhibit R-2

DATE: February 2007

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

COST: (Dollars in Thousands)

Project Number & Title	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate
Total PE	28,324	24,976	694	708	741	751	755	761
0835 TECHNICAL INFORMATION SERVICES	919	667	694	708	741	751	755	761
2296 FEDERAL LAB CONSORTIUM	384	0	0	0	0	0	0	0
9999 CONGRESSIONAL PLUS-UPS	27,021	24,309	0	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 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.

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B. PROGRAM CHANGE SUMMARY:

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
FY 2007 President's Budget Submission	28,904	670	703	723
Congressional Action	0	24,400	0	0
Congressional Undistributed Reductions/Rescissions	-403	-94	0	0
Execution Adjustments	226	0	0	0
Federal Technology Transfer	384	0	0	0
Non-Pay Inflation Adjustments	0	0	-7	3
Program Adjustments	0	0	2	3
Program Realignment	0	0	-8	-24
Rate Adjustments	0	0	4	3
SBIR Assessment	-787	0	0	0
FY 2008/FY 2009 President's Budget Submission	28,324	24,976	694	708

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

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Research and Development Agreements, reducing transaction/information exchange timeframes by 25%.

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 PROGRAM ELEMENT: 0605804N PROGRAM ELEMENT TITLE: TECHNICAL INFORMATION SERVICES
 PROJECT NUMBER: 0835 PROJECT TITLE: TECHNICAL INFORMATION SERVICES

COST: (Dollars in Thousands)

Project Number & Title	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate
0835 TECHNICAL INFORMATION SERVICES	919	667	694	708	741	751	755	761

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: The goal for this project is to enhance warfighter effectiveness by: leveraging industry independent R&D science and technology base; 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 2006	FY 2007	FY 2008	FY 2009
LEVERAGE OF INDUSTRY R&D	582	0	0	0

This activity area supports the Technology Transfer Program initiated in FY 2005. Funds are realigned starting in FY 2007 to the "Technical Information Services" activity to consolidate management of on-going programs into one activity.

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FY 2006 Accomplishments:

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

FY 2007 Plans:

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

	FY 2006	FY 2007	FY 2008	FY 2009
TECHNICAL INFORMATION SERVICES	337	667	694	708

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.

Increase in FY 2007 and out is due to realignment of funds and efforts from the "Leverage of Industry R&D" activity.

FY 2006 Accomplishments:

- 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.
- Completed support to NARDIC as the primary outreach resource to the private sector.

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FY 2007 Plans:

- Continue all Technical Information Services efforts of FY 2006 with the exception of the NPCP & NARDIC Programs which have been cancelled.
- Revision of 2002 Navy CRADA Handbook and update standard CRADA template.
- Initiate two new pilot programs.
- Increase outreach and marketing efforts.
- Complete Technology Transfer 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 2008 Plans:

- Continue all Technical Information Services efforts of FY 2007.

FY 2009 Plans:

- Continue all Technical Information Services efforts of FY 2008.

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: 2296 PROJECT TITLE: FEDERAL LAB CONSORTIUM

Project Number & Title	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate
2296 FEDERAL LAB CONSORTIUM	384	0	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 2006	FY 2007	FY 2008	FY 2009
FEDERAL LABORATORY CONSORTIUM	384	0	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 2006 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

PROJECT NUMBER: 9999

PROGRAM ELEMENT TITLE: TECHNICAL INFORMATION SERVICES

PROJECT TITLE: Congressional Plus-Ups

CONGRESSIONAL PLUS-UPS:

	FY 2006	FY 2007
COMMERCIALIZATION OF ADVANCED TECHNOLOGY (CAT)	4,789	4,782

The Center for Commercialization of Advanced Technology (CCAT) facilitates the development of commercial and alternative applications of government-sponsored technologies and develops high-tech solutions using advances in technology from academia and the private sector for use in government defined priority issues. CCAT executes product development awards and provides business development expertise and market identification and analysis to small businesses.

	FY 2006	FY 2007
HTDV	3,834	3,985

Hawaii Technology Development Venture (HTDV): provided 15-25 grants awarded in a competitive proposal process to support continued investment in local technology companies research on UAV sensor packages, robotics applications, force protection and IED detection, prevention and threat elimination; 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	FY 2007
ILLINOIS TECHNOLOGY TRANSITION CENTER	958	1,644

The Illinois Technology Transition Center being managed by the Illinois Technology Development Alliance (ITDA) provides technology transition and commercialization services by identifying technology needs within the Navy, identifying small businesses and technologies with possible solutions to these needs, performing technology transition and commercialization assistance to these companies, and administering an award program where ITDA will bridge the resource gap between technology development and commercialization.

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PROJECT TITLE: Congressional Plus-Ups

	FY 2006	FY 2007
INTEGRATED MANUFACTURING ENTERPRISE	2,875	1,644

The Integrated Manufacturing Enterprise program will continue to significantly impact the cost quality and schedule of Navy ships through the 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 and planning. The Louisiana Center of Manufacturing Sciences (LCMS) and its membership of commercial manufacturers will continue and extend the benefits previously demonstrated by the exploitation of previous investment in best practices and technologies by their organizations for application to the Navy's shipbuilding program. The processes implemented in this program will be readily transferable to other ship construction and overhaul activities, both public and private, multiplying the benefit to the Navy several-fold.

	FY 2006	FY 2007
JOINT INFORMATION TECHNOLOGY CENTER	7,375	4,782

The Joint Interoperability Test Command (JITC) project funded early stage development to directly link the current and projected Service / Defense Agency information systems, applications and capabilities to Global Command Support System requirements; identified the Joint Decision Support Tool that will provide for mission analysis and operational collaboration capabilities; and identified those data elements that will provide for a Common Data Representation.

	FY 2006	FY 2007
PACIFIC-BASED JOINT INFO TECH CENTER	7,190	7,472

The 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

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PROJECT TITLE: Congressional Plus-Ups

Combatant Commanders. Supported educational outreach K-12 in Hawaii to engage students in emerging technology applications.