

# UNCLASSIFIED

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

DATE: February 2008

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

COST: (Dollars in Thousands)

Project Number & Title	FY 2007 Actual	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate
<b>Total PE</b>	25,728	21,059	713	739	712	754	760
0835 TECHNICAL INFORMATION SERVICES	667	689	713	739	712	754	760
2296 FEDERAL LAB CONSORTIUM	392	0	0	0	0	0	0
9999 CONGRESSIONAL PLUS-UPS	24,669	20,370	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 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
FY 2008/FY 2009 President's Budget Submission	24,976	694	708
Congressional Action	1,000	20,500	0
Congressional Undistributed Reductions/Rescissions	0	-135	0
Federal Technology Transfer	392	0	0
Rate Adjustments	0	0	5
SBIR Assessment	-640	0	0
FY 2009 President's Budget Submission	25,728	21,059	713

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

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PROGRAM ELEMENT: 0605804N

PROJECT NUMBER: 0835

PROGRAM ELEMENT TITLE: TECHNICAL INFORMATION SERVICES

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COST: (Dollars in Thousands)

Project Number & Title	FY 2007 Actual	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate
0835 TECHNICAL INFORMATION SERVICES	667	689	713	739	712	754	760

**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; 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:**

	FY 2007	FY 2008	FY 2009
<b>TECHNICAL INFORMATION SERVICES</b>	667	689	713

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.

**FY 2007 Accomplishments:**

- 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.

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PROGRAM ELEMENT TITLE: TECHNICAL INFORMATION SERVICES

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PROJECT TITLE: TECHNICAL INFORMATION SERVICES

- Continued to revise 2002 Navy CRADA Handbook.
- Completed collaboration for industrialized "Cymbal" technology applicable to mine identification support.
- Increased outreach and marketing efforts.
- Initiated three new pilot programs: Evaluation of "commercial-off-the-shelf" (COTS) software to enable the Office of Research and Technology Applications (ORTA) to bundle patents across labs to enhance the Navy licensing program; Leveraging MBA technology commercialization course to perform intellectual property assessments, conduct market studies and find potential licensing partners; and Major overhaul and update of the online ORTA/Technology Transfer training site.

## **FY 2008 Plans:**

- Continue all Technical Information Services efforts of FY 2007 less those noted as completed above.
- Complete on-line job performance support and training tools for DoN technology transfer professionals.
- Complete Evaluation of COTS software to enable the ORTA to bundle patents across labs to enhance the Navy licensing program.
- Complete revising NAVY CRADA Handbook.
- Initiate three new pilot programs: Revising the Defense Technology Transfer Information System (DTTIS) database; Revising the ONR technology transfer website; and Leveraging with the Naval Research Enterprise Intern Program (NREIP) to fund student interns to support Navy ORTA activities.

## **FY 2009 Plans:**

- Continue all Technical Information Services of FY 2008 less those noted as completed above.
- Complete revising the DTTIS database.
- Complete revising the ONR technology transfer website.
- Initiate SECNAVINST 5700.16A revision.
- Initiate two new pilot programs.

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**C. OTHER PROGRAM FUNDING SUMMARY - NAVY RELATED RDT&E::**

Not applicable.

**OTHER PROGRAM FUNDING SUMMARY - NON-NAVY RELATED RDT&E::**

Not applicable.

**D. ACQUISITION STRATEGY:**

Not applicable.

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DATE: February 2008

BUDGET ACTIVITY: 06

PROGRAM ELEMENT: 0605804N

PROJECT NUMBER: 2296

PROGRAM ELEMENT TITLE: TECHNICAL INFORMATION SERVICES

PROJECT TITLE: FEDERAL LAB CONSORTIUM

Project Number & Title	FY 2007 Actual	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate
2296 FEDERAL LAB CONSORTIUM	392	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. ACCOMPLISHMENTS/PLANNED PROGRAM:**

	FY 2007	FY 2008	FY 2009
FEDERAL LAB CONSORTIUM	392	0	0

**FY 2007 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 - NAVY RELATED RDT&E:**

Not applicable.

**OTHER PROGRAM FUNDING SUMMARY - NON-NAVY RELATED RDT&E:**

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PROGRAM ELEMENT: 0605804N

PROJECT NUMBER: 2296

PROGRAM ELEMENT TITLE: TECHNICAL INFORMATION SERVICES

PROJECT TITLE: FEDERAL LAB CONSORTIUM

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 2007	FY 2008
COMMERCIALIZATION OF ADVANCED TECHNOLOGY (CAT)	4,662	2,384

FY 2007: The Center for Commercialization of Advanced Technology (CCAT) facilitated 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. CCAT executed product development awards and provided business development expertise and market identification and analysis to small businesses.

FY 2008: Continue to support the CCAT efforts.

	FY 2007	FY 2008
HTDV	3,885	9,938

FY 2007: 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 2008: Continue to support HTDV efforts.

	FY 2007	FY 2008
ILLINOIS TECHNOLOGY TRANSITION CENTER	1,603	0

The Illinois Technology Transition Center being managed by the Illinois Technology Development Alliance (ITDA) provided 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 2007	FY 2008
INTEGRATED MANUFACTURING ENTERPRISE	1,603	1,589

FY 2007: The Integrated Manufacturing Enterprise program continued 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 continued and extended 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 2008: The LCMS is developing approaches and tools to improve shipbuilding production planning in order to reduce ship acquisition cost. This effort involves increasing the integration of ship design with production and reducing the cost of delivering relevant production information to the shop floor.

	FY 2007	FY 2008
JOINT INFORMATION TECHNOLOGY CENTER (JITC)	5,632	0

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 2007	FY 2008
PACIFIC-BASED JOINT INFO TECH CENTER	7,284	6,459

FY 2007: 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

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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 2008: Continue to support the Pacific-Based Joint Info Tech Center efforts.