# National Technology Transfer Center

316 Washington Avenue, Wheeling, WV 26003
Phone (800) 678-6882

## Technical Request Information Sheet

Fax (304) 243-2539

Name _____ Title _____

Company _____

Address _____

City/State/Zip _____

Phone _____ Fax _____

Your Company's Major Business Area _____

SIC Code (if known) _____ Keep Your Request Confidential ☐ yes ☐ no

Company Size (Number of Employees) ☐ 1-100 ☐ 101-500 ☐ 501 or more

Today's Date _____

Technical Details Of Your Request _____

By completing and faxing this form, a NTTC Technology Access Agent will be assigned to your request. Our Agent will then put you in contact with the most appropriate individuals at federally funded research facilities. If you prefer, you can call (800) 678-6882 and give your request to a Customer Service Representative. There is no charge for this service nor is there a limit to the number of requests which you may submit.



# NTTC OTHER AGENCY PROGRAMS

1-20-95

| | DEPT. | PROGRAM | TEAM | CLIENT | PROG MGRS | DATE | STATUS | SUMMARY |
|---|---|---|---|---|---|---|---|---|
| 1. | Mgt. | Ballistic Missile Defense Organization (BMDO) | NTTC/BMDO | DOD | Dunderville/Zeig | April 93 - ongoing | Granted | NTTC's Washington Operations provides a wide range of technology transfer services to the Ballistic Missile Defense Organization (BMDO). NTTC administers the BMDO Technology Applications Information System (TAIS) on-line database of technology projects for commercialization and provides commercialization assistance to BMDO-funded companies. NTTC's Washington Operations conducts Technology Applications Reviews for companies interested in commercializing their BMDO-funded work, and offers an extensive outreach program on the BMDO technology applications program. Free publications include the quarterly Update and an annual report. The NTTC also conducts demonstration programs to develop effective models for technology transfer using BMDO resources. |
| 2. | NPD, Gateway | Office of Law Enforcement Technology Commercialization | NTTC / NIJ | DOJ | (Bortman) | FY95 | Pending FY95 | The NIJ/NASA/NTTC team will provide law enforcement and criminal justice organizations and the manufacturing and technology community an effective resource for technology commercialization. The scope of the NTTC technology commercialization initiative will: provide "one-stop" access to existing law enforcement and criminal justice information and databases; provide special technology transfer technical expertise modeled after NTTC's technology application reviews; facilitate the acquisition and use of technology by law enforcement organizations; provide local, regional, and national level conference management support to technology transfer; develop supplemental or new law enforcement technology transfer databases; operate information gateway or networks for the special needs of the law enforcement community; provide education, training and information outreach services; facilitate technology development and prototype development/manufacture of products or services. |
| 3. | Training | NAVY TT Training Program | NTTC/NAVY | NAVY | Wowczuk | May 93 - ongoing | Granted | NTTC has been commissioned by the U.S. Navy to develop a multifaceted training program in technology transfer for personnel in Navy Laboratories. This program has been designed to assist the Navy in expanding the use and application of its extensive research and development facilities to not just meet but exceed the economic development objectives of the U. S. Congress as set forth in federal technology transfer legislation. |
| 4. | MED, Training | Entrepreneurial Technology Apprenticeship Program (ETAP) | NTTC | DOC-MBDA Minority Business Development Agency | Allen/L. Leoni | FY95 | Pending | This program stimulates qualified minority students to pursue careers in technology management. Students gain comprehensive hands-on training and structured, systematic exposure to "real world" experiences. Federal laboratories, universities, Manufacturing Technology Centers, and private companies will host and train ETAP apprentices in technology management skills, manufacturing problem-solving, and/or industrial extension. |

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| 5. | Gateway & BMDO | GETE Environmental Management Technology Leveraging Initiative | GETF/NTTC/ NASDA/ETEC/ EBC | DOE/METC | Arble/Rood/Ball | FY95 | Granted | The Global Environmental Technology Enterprise (GETE) represents a national partnership to accelerate the commercialization of DOE environmental technology by the private sector. A team of organizations, including the Global Environmental Technology Foundation (GETF), NTTC, the National Association of State Development Agencies (NASDA),the Environmental Export Council (EEC), and a number of other GETE partners are carrying out activities to strengthen the nation's environmental technology industry while promoting the development and commercialization of new advanced technologies for more effective pollution clean-up, monitoring, prevention and specifically to remediate environmental hazards at DOE weapons production facilities. Call 800-ENV-6676 for additional information. |
| 6. | Training | National Industrial Extension Curriculum | DOC/NIST | TRP | Joltes | FY94 - ongoing | Granted | The 2 1/2 day Fundamentals of Industrial Extension Workshop trains individuals who are working directly with business and industry. The basic skills taught in the workshop provide participants with the knowledge required to more effectively assist companies in identifying and solving technical and managerial needs. The workshop also provides the participants with resources and various networking opportunities available throughout the country. |
| 7. | Gateway | National Technology & Commerce Initiative | KE/NTTC | ARPA / TRP | Arble | FY94 / 95; Beg. Nov 94 | Granted | The partnership will create a new national electronic network, NTCI-NET, to link private industry, universities, federal laboratories, and state and local business assistance providers. NTCI-NET hosts an online collection of information about federal and university research, inventions, new technologies and experts, company research and development and companies' capabilities. The partnership will lead to the enhancement of the quantity and quality of federal research and technology information distributed to U.S. technology transfer executives using the Knowledge Express Core Contents online service. Knowledge Express Core Contents is accessible via modem and the Internet. For information call 800-529-KEDS. |
| 8. | Gateway BMDO | White House Envir. Technology Conference/Workshop - Technology for a Sustainable Future | NTTC/GETF | OSTP | Rood/Ball/Arble/ Dunderville | FY95 | Granted Aug 94 | The Technology for a Sustainable Future project is a White House initiative to develop a National Environmental Technology Strategy. The initiative is being supported and funded by 13 federal agencies, and involves holding a series of workshops and symposia around the country to gain feedback on possible next steps that could be taken by the federal government to advance the development and commercialization of environmental technologies. The strategy development initiative began with the release of the report, Technology for a Sustainable Future, by Vice President dent Gore at the National Renewable Energy Lab in July. A key milestone is the White House Conference on Environmental Technology, December 11-14 1994 in Washington D.C. The strategy will be unveiled on Earth Day 1995 (April 22). Call 800-ENV-6676 for additional information. |
| 9. | Gateway BMDO | DOE/IETO - Interagency Environmental Tech. Office - Subset of White House listed above | NTTC/DOE | DOE/NASA | Rood/Ball/Arble | FY95 | Granted | Consists of representatives from all federal agencies involved in environmental issues. A White House sponsored effort to define government environmental technology needs and integrate them with private sector needs in order to form public/private partnerships. |

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| 10. | CIS/NPD | National Technology Alliance | NASA / NTTC / CIA | NASA / CIA | Arble/Bortman | FY95 | Pending at NASA | Integrate CIA/NTA laboratory information into NTTC gateway resource database; Promote access to appropriate NTA resources for federal agencies/industry; Assist in developing technology clearinghouse and technology transfer opportunities. |
| 11. | Training | EPA TT Training | NTTC/EPA | EPA | Riner | FY95 | Granted | The EPA program consists of two major tasks:<br>1.) Development and delivery of a one-day training program for the research scientists in EPA Research Labs. The focus of the training will be on EPA's implementation of the Federal Technology Transfer Act (FTTA).<br>2.) To support the training effort, we will be developing a short video highlighting one or more EPA CRADA. |
| 12. | Gateway | Navy Gateway Service/Innovation Management Support | Navy / NTTC | NAVY / ONR | Arble | FY94 / 95 | Pending Beta Testing | The NTTC operates the Navy Technology Hotline (1-800-NAVYTEC) for the Office of Naval Research. The mission of NAVYTEC is to facilitate private sector access to specific areas of re search and development within the Department of the Navy. An engineer at NAVYTEC will personally assist the caller in locating the labs doing work relevant to the area of interest. |
| 13. | Gateway | Federal Laboratory & Technology Resources Directory | NTTC/ DOC-NTIS | DOC | Clinton | FY94 / 95 | Granted | The fifth edition of this valuable directory guides you to hundreds of Federal agencies, laboratories, and engineering centers willing to share their expertise, equipment and facilities to aid your re search. Detailed summaries of more than 1,900 unique resources are arranged under 70 subject areas for easy reference. The name, address, and telephone number of a personal contact is listed for each entry, along with the descriptive summary. Hundreds of agencies have worked together to create this comprehensive directory covering topics such as fuels, cold regions, concrete, fisheries, toxicology, pesticides, plastics, and much more. |
| 14. | CIS | Federal R&D Core Competency Database | NTTC/ DOC-EDA | DOC-EDA | Ross | FY95 | Not Funded | The project will provide a database of people, laboratory facilities, and equipment for all agencies. |
| 15. | CIS | Digital Imagery Repository | NTTC / GTE | ARPA | Ross/(Bortman) | FY95 | Pending | Significant imagery data collection from satellite photography is being made available. A project is planned to convert this data to electronic form, then index, classify and make available. |
| 16. | Mktg, NPD | Technology Transfer and Persons With Disabilities | NTTC | NIDRR/VA | (Duskin/ Bortman) | FY95 | | The NTTC has invited experts from federal labs, resource organizations and industry to present ways to commercialize federally developed technologies for use in assisting disabled persons. Topics, case studies and panel discussions include: Overcoming the Commercialization and Marketing Gaps, Resources for Manufacturers, Criteria for Investing, Disability Consumer Market Development, and Advancing Universal Design. |
| 17. | Gateway BMDO | ETI - National Access to Environmental Tech. | NASA/NTTC/ EPA-CERI | EPA | Arble/Ball | FY95 | Pending April 95 | Acquire and disseminate non-remediation technologies for all agencies. |
| 18. | Gateway BMDO | ETI - Forging Links for Innovative Envir. Technology | DOE/NTTC/ GETF | EPA | Arble/Ball | FY95 | Pending | Acquire and disseminate non-DOE remediation technologies. |
| 19. | CIS, Gateway | ETI - National Science Foundation Information Services | NTTC/NSF/ GETF | EPA | Ball | FY95 | Pending | Provide on-line access to engineering and management tools for environmental service organizations. |
| 20. | CIS | Common Information Tool Development | Antaire / NTTC | ARPA | Ross | FY95 | Pending | A common data access is being developed by Antaire under DOD funding. The NTTC is participating as a developmental user for Phase I, and will become a node during Phase II (if funded). |

NATIONAL TECHNOLOGY TRANSFER CENTER
Wheeling *Jesuit* College/316 Washington Ave./Wheeling, WV 26003
(304) 243-2455 Fax (304) 243-2463

# 1995 Trade Show Exhibits Listed by Target Audience

**Auto**
- •SAE International Expo: Detroit, MI ..... February 27-March 2

**Biotechnology**
- •Bio East '95: Washington, DC ..... January 9-15
- •Bio International: San Francisco, CA ..... May 20-25

**CAD/CAM/CAE**
- •Autofact: Detroit, MI ..... November Date TBA

**Communications**
- •Wescon '95: San Francisco, CA ..... November 7-9

**Corporate Libraries**
- •SLA '95: Montreal, Canada ..... June 10-15

**Design Engineering**
- •NDES: Chicago, Il ..... March 13-16

**Development/Manufacturing**
- •PDMA: Washington, DC ..... March 29-31
- •NACFAM: Washington, DC ..... April 24-25
- •PDMA: Washington, DC ..... September Date TBA

**Electronics**
- •Southcon '95: Ft. Lauderdale, FL ..... March 7-9

**Materials**
- •TMS Annual Meeting: Las Vegas, NV ..... February 12-16

**NASA**
- •Tech 2005: Chicago, Il ..... October 24-26

**Petroleum**
- •Offshore Technology Conference '95: Houston, TX ..... May 1-4

**Sensors**
- •Sensors: Boston, MA ..... May 16-18

**Small Business Development**
- •ASBDC: New Orleans, LA ..... October Date TBA
- •SBIR: Anaheim, CA ..... March 26-28
- •SBIR: Chicago, Il ..... April 26-28
- •SBIR: Washington, DC ..... October 16-18
- •SBIR: Salt Lake City, UT ..... October 30 - November 2

**Transportation**
- •Future Transportation Technologies: Costa Mesa, CA ..... August 7-9

# 1995 Advertising Campaign

**Ads currently running that focus on the Center's Gateway Service.**

- •NASA Tech Briefs - 205,328 circulation
- •Industry Week - 290,976 circulation
- •R&D Magazine - 106,546 circulation
- •Tech Transfer Business - 68,000 circulation

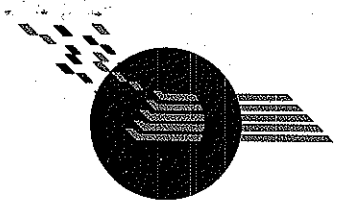
**Ads that will focus on the NTTC bulletin board and Business Gold (beginning April, 95).**

- •Boardwatch Magazine - 35, 000 circulation
- •On-line advertisements

**Publications that are being reviewed as potential sources for NTTC advertisements focusing on specific technologies and the Gateway Service.**

- •American Machinist - 80,600 circulation
- •Chemical Engineering Catalog - 35,000 circulation
- •Computer-Aided Engineering - 60,000 circulation
- •Electronic Design - 165,000
- •Foundry Management & Technology - 22,000 circulation
- •Machine Design - 180,600 circulation
- •Agriculture Alert - 50,000 circulation
- •Agri-View - 51,000 circulation
- •Law Enforcement Product News - 40,000 circulation
- •Law Enforcement Technology - 25,000 circulation
- •The Source - 13,000 circulation
- •American Environmental Laboratory - 37,000 circulation
- •Environment Today - 54,000 circulation

**Ads focusing on NTTC training initiatives are being developed and advertising opportunities are being researched.**



# NATIONAL TECHNOLOGY TRANSFER CENTER

Wheeling *Jesuit* College/316 Washington Ave./Wheeling, WV 26003
(304) 243-2455 Fax (304) 243-2463

## Technology Managers Advisory Board

revised January 16, 1995

Mr. Reid Adler
Morrison & Foerster
2000 Pennsylvania Avenue, NW
Washington, DC 20006-1888
Ph: (202)887-1500 Fx: (202)887-0763

Dr. Dan Arvizu, Director
Advanced Energy Technology Center
Sandia National Laboratory
P.O. Box 5800, MS 0702
Albuquerque, NM 87185-0702
Ph: (505)845-8336 Fx: (505)844-0591
E-mail: dearviz@sandia.gov

Mr. Steve Cooper, Director
Technology Transfer
Thomas Nelson Community College
525 Butler Farm Road, Suite 102
Hampton, VA 23666
Ph: (804)825-2709 Fx: (804)825-2960
E-mail: cooper@pcs.cmu.edu

Mr. Harry G. Craft, Jr., Manager
Technology Transfer Office
Marshall Space Flight Center, Mail Code LA01
Marshall Space Flight Center, AL 35812
Ph: (205)544-5419 Fx: (205)544-1815
E-mail: harry.craft@msfc.nasa.gov

Mr. Henry Davis, Director
Technology Transfer & Commercialization Office
Johnson Space Center, Code HA
2101 NASA Road One
Houston, TX 77058-3696
Ph: (713)483-0474 Fx: (713)244-8452
E-mail: hdavis@profs.jsc.nasa.gov

Mr. Larry Fradkin
Federal Technology Transfer Act Coordinator
Office of Science,Planning & Regulatory Evaluation
U.S. EPA
26 Martin Luther King Dr.
Cincinnati, OH 45268
Ph: (513)569-7960 Fx: (513)569-7132

Mr. Jack Gido, Director
PENNTAP
117 Technology Center Bldg.
200 Innovation Blvd.
University Park, PA 16802
Ph: (814)865-0427 Fx: (814)865-5909

Ms. MaryAnn Guerra, Executive Officer
National Heart, Lung, and Blood Institute
National Institutes of Health
9000 Rockville Pike
Building 31, Room 5A48
Bethesda, MD 20892
Ph: (301)496-2411 Fx: (301)402-3686

Dr. Joseph Heyman, Deputy Director
Technology Applications Group
NASA Langley Research Center, MS 118
Hampton, VA 23681-0001
Ph: (804)864-6006 Fx: (804)864-8088

Mr. Gregory L. Higgins, Jr.
State Director
Pennsylvania Small Business Development Center
Vance Hall 4th Floor
3733 Spruce Street
Philadelphia, PA 19104-6374
Ph: (215)898-1219 Fx: (215)573-2135

Ms. Marianne Hudson, Vice President
Mid-America Manufacturing Technology Center
10561 Barkley, Suite 602
Overland Park, KS 66212
Ph: (913)649-4333 Fx: (913)649-4498

Dr. William Kessler, Director
Manufacturing Technology Directorate
WL/MT, Building 653
2977 P Street, Suite 6
Wright-Patterson AFB, OH 45433-6533
Ph: (513)255-3300 Fx: (513)476-4420

Mr. Norman J. Latker, Managing Attorney
Browdy and Neimark
Intellectual Property Law
419 Seventh Street, NW
Washington, DC 20004
Ph: (202)628-5197 Fx: (202)737-3528

Ms. Jana B. Matthews
Senior Fellow and Program Director
Ewing Marion Kauffman Foundation
4900 Oak
Kansas City, MO 64112-2776
Ph: (816)932-1000 Fx: (816)932-1100

# Technology Managers Advisory Board Cont.

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Mr. Bruce Mattson, Chief of the Office of
Technology Development & Small Business Prgm.
National Institute of Standards and Technology
Building 221, Room B-256
Gaithersburg, MD 20899
Ph: (301)975-6501 Fx: (301)869-2751

Dr. Lawrence T. McGeehan, President
Ben Franklin Technology Center of
Western Pennsylvania
4516 Henry Street, Suite 103
Pittsburgh PA 15213
Ph: (412)681-1520 Fx: (412)681-2625

Ms. Margaret McNamara, Head
Office of Research & Technology Applications
Naval Undersea Warfare Center
New London Detachment
New London, CT 06320
Ph: (203)440-4590 Fx: (203)440-5458

Mr. T.C. Parsons, Executive Director
Center for Industrial Services
University of Tennessee
226 Capital Blvd Building, Suite 606
Nashville, TN 37219-1804
Ph: (615)532-8657 Fx: (615)532-4937
E-mail: parsons%cis_nash@wpgate.utk.edu

Mr. John T. Preston, Director
Technology Licensing Office
Massachusetts Institute of Technology
28 Carleton Street, Room E 32-300
Cambridge, MA 02142
Ph: (617)253-1052 Fx: (617)258-6790

Dr. Richard H. Rein, Head of Technology Transfer
Naval Research Laboratory
4555 Overlook Avenue, SW
Washington, DC 20375-5000
Ph: (202)767-3744 Fx: (202)404-7920

Dr. Syed Z. Shariq, Director
Office of Commercial Technology
Ames Research Center, MS 200-10
Moffet Field, CA 94035-1000
Ph: (415)604-0753 Fx: (415)604-4003

Dr. Warren Siemens, Director
Office of Technology Transfer
& Commercialization 4200
Sandia National Laboratory
P.O. Box 5800
Albuquerque, NM 87185-1380
Ph: (505)271-7813 Fx: (505)271-7856

Dr. Jon Soderstrom, Director
Licensing Office of Technology Transfer
Martin Marietta Energy Systems
701 Scarboro Road
Oak Ridge, TN 37831-8240
Ph: (615)574-5953 Fx: (615)574-1011
E-mail: jsq@orln.gov

Mr. William Spuck, Program Director
Industry Affairs
Jet Propulsion Laboratory
4800 Oak Grove Drive, MS 601
Pasadena, CA 91109-8099
Ph: (818)354-3528 Fx: (818)393-1554

Dr. Ashley J. Stevens, Director
Office of Technology Transfer
Dana-Farber Cancer Institute
44 Binney Street
Boston, MA 02115
Ph: (617)632-2133 Fx: (617)632-4012
E-mail: ashley_stevens@farber.harvard.edu

Dr. David H. Swanson, Guest Researcher
Manufacturing Extension Partnership
National Institute of Standards and Technology
Bldg. 224, Room B115
Gaithersburg, MD 20899
Ph: (301)975-5306 Fx: (301)963-6556
E-mail: dswanson@micf.nist.gov

Dr. William H. Tallent
Technology Transfer Advisor
Agricultural Research Service, USDA
Room 403, Bldg. 005, BARC-W
Beltsville, MD 20705-2350
Ph: (301)504-6786 Fx: (301)504-5060

Mr. Ron Thornton, Director
Southern Technology Application Center
Box 24, 1 Progress Boulevard
Alachua, FL 32615
Ph: (904)462-3913 Fx: (904)462-3898

Mr. W. Travis Walton, Director
Technology Extension Service
Engineering Research Center
University of Maryland
College Park, MD 20742
Ph: (301)405-3883 Fx: (301)403-4105
E-Mail: trav_walton@umail.umd.edu

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Wheeling *Jesuit* College/316 Washington Ave./Wheeling, WV 26003
(304) 243-2455 Fax (304) 243-2463


## Industry Advisory Board

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Mr. Donald M. Alstadt
CEO
Lord Corporation
2000 West Grandview Boulevard
Erie, PA 16514-0038
Ph: (814)868-3611 Fx: (814)864-3452

Dr. F. Peter Boer
Executive Vice President
W.R. Grace & Company
One Town Center
Boca Raton, FL 33486-1010
Ph: (407)362-1831 Fx: (407)362-1718

Ms. Ann Eskesen
President
Innovation Development Institute
45 Beach Bluff Avenue, Suite 300
Swampscott, MA 01907-1542
Ph: (617)595-2920 Fx: (617)593-4660

Mr. I.N. Rendall Harper, Jr.
CEO/President
American Micrographics Company, Inc.
4112 Monroeville Boulevard
Monroeville, PA 15146
Ph: (412)856-6900 Fx: (412)856-7688

Mr. Robert E. Henderson
Director
South Carolina Research Authority
P.O. Box 12025
Columbia, SC 29211
Ph: (803)799-4070 Fx: (803)252-7642

Mr. Brian E. Joseph
Director
Touchstone Research Laboratory, Ltd.
The Millennium Centre
Triadelphia, WV 26059
Ph: (304)547-5800 Fx: (304)547-4069

Mr. Keith K. Kappmeyer
Executive VP, Planning & Administration
Blue Cross of Western Pennsylvania
120 5th Avenue Place
Suite 3010
Pittsburgh, PA 15222
Ph: (412)255-5330 Fx: (412)255-8240

Dr. A. Fred Kerst, President
Calgon Corporation
P.O. Box 1346
Pittsburgh, PA 15230
Ph: (412)777-8458 Fx: (412)777-8555

Dr. Peter F. McCloskey, President
Electronic Industries Association
2500 Wilson Blvd.
Arlington, VA 22201
Ph: (703)907-7505 Fx: (703)907-7501

Mr. Lee W. Mercer, President
U.S. Fiber Optics and Telecommunications Corporation
10015 Old Columbia Road, Suite F100
Columbia, MD 21046
Ph: (410)290-3693 Fx: (410)290-3695

Ms. Shelby C. Morss
Assistant Vice President
Ventures Department
Brigham Medical Center, Inc.
75 Francis Street
Boston, MA 02115
Ph: (617)732-5504 Fx: (617)278-6996

Mr. C. Richard Neumiller, Director
Legislative and Public Affairs
CILCORP, Inc.
300 Hamilton Boulevard
Suite 300
Peoria, IL 61602
Ph: (309)675-8820 Fx: (309)675-8800

## Industry Advisory Board Cont.

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Mr. William A. Owczarski
Manager, Washington Office
McDermott Incorporated
1525 Wilson Blvd., Suite 100
Arlington, VA 22209
Ph: (703)351-6314 Fx: (703)351-6418
E-mail: bill.a.owczarski@rdd.mcdermott.com

Ms. Deborah Rowell
Executive Director
Petroleum Technology Transfer Council
1101 16th Street, NW
Suite 1-C
Washington, DC 20036-4803
Ph: (202)785-2225 Fx: (202)785-2240

Mr. Dominick J. Saccacio
Chairman & CEO
Datatape Incorporated
360 Sierra Madre Villa
Pasadena, CA 91109-9381
Ph: (818)796-9381 Fx: (818)351-0256

Mr. Jeffrey L. Staley
Mercer Management
33 Hayden Avenue
Lexington, MA 02173
Ph: (617)861-7580 Fx: (617)862-3935

Dr. Eugene Steadman, Jr.
Director, Government Market Development
Government Relations
Hoechst Celanese Corporation
919 18th Street, NW, Suite 700
Washington, DC 20006
Ph: (202)296-2890 Fx: (202)296-7268

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## Federal Agency Advisory Board

revised January 16, 1995

Mr. David Appler
Defense Technical Information Center
U.S. Department of Defense
Cameron Station
Alexandria, VA 22304-6145
Ph: (703)274-7913 Fx: (703)274-1283

Mr. David G. Boyd, Director
Science and Technology Division
National Institute of Justice
U.S. Department of Justice
633 Indiana Avenue, NW
Washington, DC 20531
Ph: (202)616-3509 Fx: (202)307-6394

Dr. C.J. Chatlynne, Program Manager
Domestic Technology Transfer
Office of the Assistant Secretary of the Air Force
SAF-AQT
1919 South Eads St., Suite 100
Crystal City, VA 22202
Ph: (703)746-8907 Fx: (703)746-8918
E-mail: cchat@aqpo.hq.af.mil

Dr. Philip S. Chen, Jr.
National Institutes of Health
9000 Rockville Pike
Shannon Building, Room 140
Bethesda, MD 20892
Ph: (301)496-3561 Fx: (301)402-0027

Dr. Beatrice A. Droke
Food and Drug Administration
HFA-500
Park Building, Room 330
Rockville, MD 20853
Ph: (301)443-6890 Fx: (301)443-3651

Dr. Rolland Gonano
Domestic Technology Transfer Program Manager
U.S. Army
AMSRL-TT-AP
2800 Powder Mill Road
Adelphi, MD 20783-1197
Ph: (301)394-4602 Fx: (301)394-5818

Mr. John Hohl
Office of Research and Technology
U.S. Department of Transportation
400 Seventh Street, SW
(DRT-1), Room 9402
Washington, DC 20590
Ph: (202)366-4978 Fx: (202)366-3272
Internet: hohlj@mailstorm.dot.gov

Mr. Gerald Johnson
NASA Headquarters
300 E Street, SW
Code R
Washington, DC 20546
Ph: (202)358-4711 Fx: (202)358-3750

Dr. Roger Lewis
Director
Office of Technology Utilization (LM-20)
U.S. Department of Energy
Washington, DC 20585
Ph: (202)586-5388 Fx: (202)586-8854

Mr. Ted Lorei, Staff Assistant
Research and Development
U.S. Department of Veterans Affairs (142/3)
810 Vermont Avenue, NW
Washington, DC 20420
Ph: (202)535-7181 Fx: (202)535-7159

Mr. Nicholas Montanarelli
ARPA/TRP
3701 N. Fairfax Drive
Arlington, VA 22203
Ph: (703)696-8948 or 8951 Fx: (703)696-8956

Mr. Michael Moore, Director
Technology Transfer Staff
Office of Research and Development
Environmental Protection Agency
401 M Street, SW (H-8105)
Washington, DC 20460
Ph: (202)260-7671 Fx: (202)260-0036

NATIONAL TECHNOLOGY TRANSFER CENTER
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# Technology Managers Advisory Board Meeting Agenda
# Wednesday, January 25, 1995
# 10:00 a.m. to 3:00 p.m.

Crystal Gateway Marriott Hotel, Salon 6, 1700 Jefferson Davis Highway, Arlington, VA 22202

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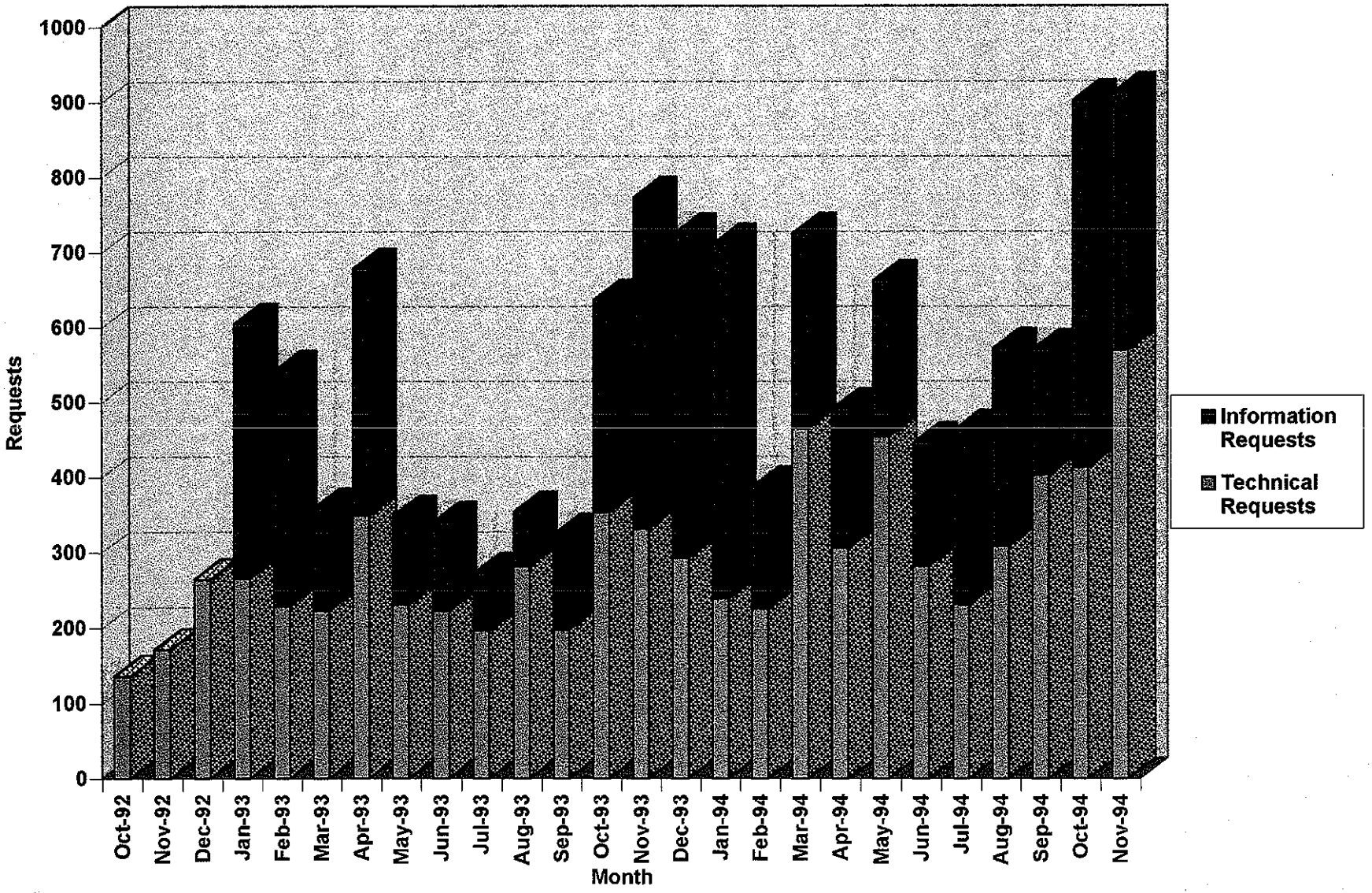
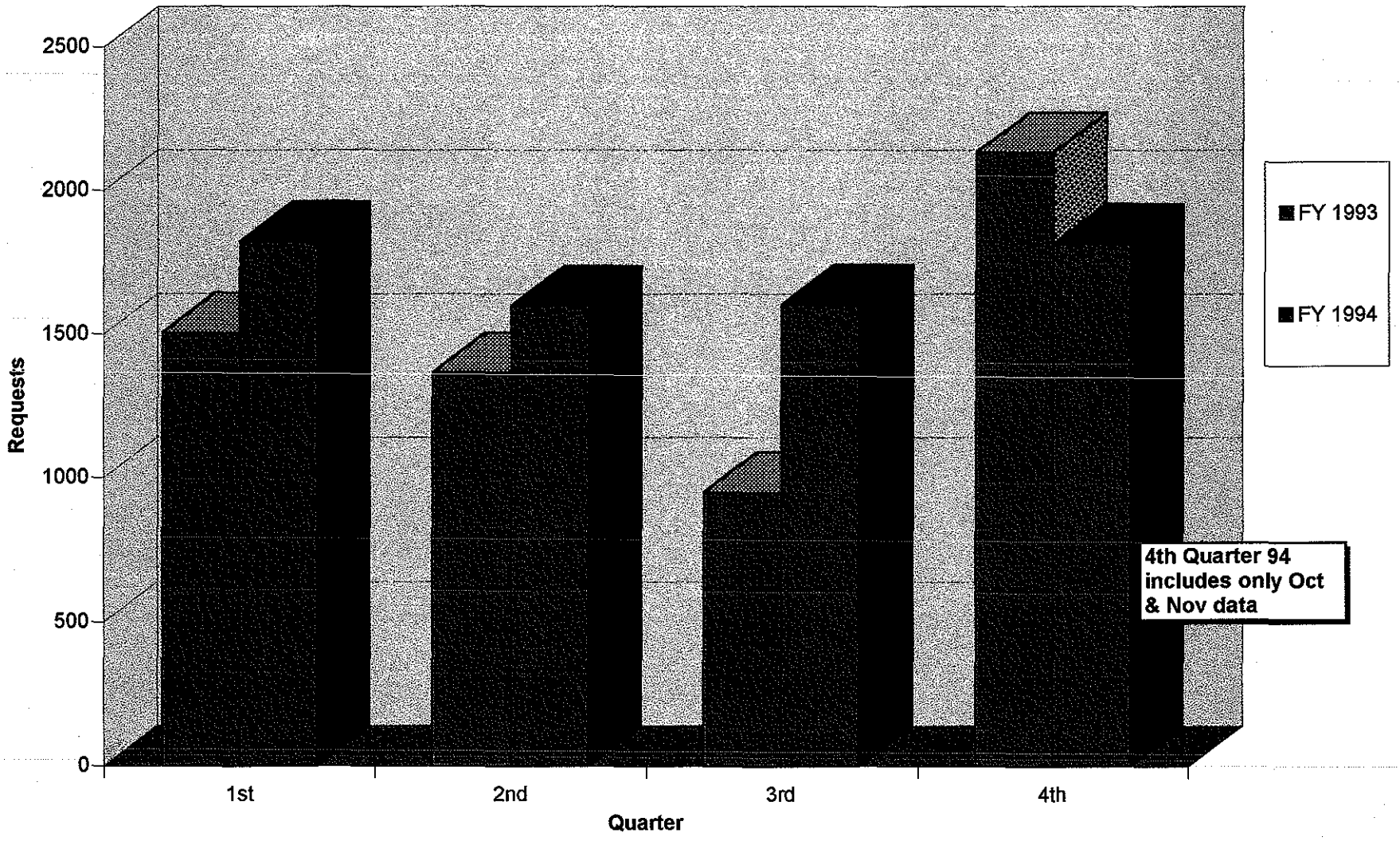
|---|---|
| 10:00 - 10:30 | Restructuring of the NTTC, the new operational plan, and the 5-year agreement<br>*Lee Rivers – Executive Director* |
| 10:30 - 12:00 | "Technology Transfer and the New Political Agenda"<br>Moderator: *Joe Allen – Director, Marketing and Economic Development* |
| 12:00 - 1:00 | Lunch |
| 1:00 - 1:30 | NIEAC and the Navy CRADA Video<br>*Andy Wowczuk – Director, Training and Instructional Design* |
| 1:30 - 1:50 | Gateway Services Highlights<br>*Bill Arble – Director, Gateway Services* |
| 1:50 - 2:10 | Metrics Program Update<br>*Jack Carpenter – Associate Director, Metrics* |
| 2:10 - 2:30 | New Programs<br>*Jerry Bortman – Director, New Program Development* |
| 2:30 - 3:00 | Open Discussion |

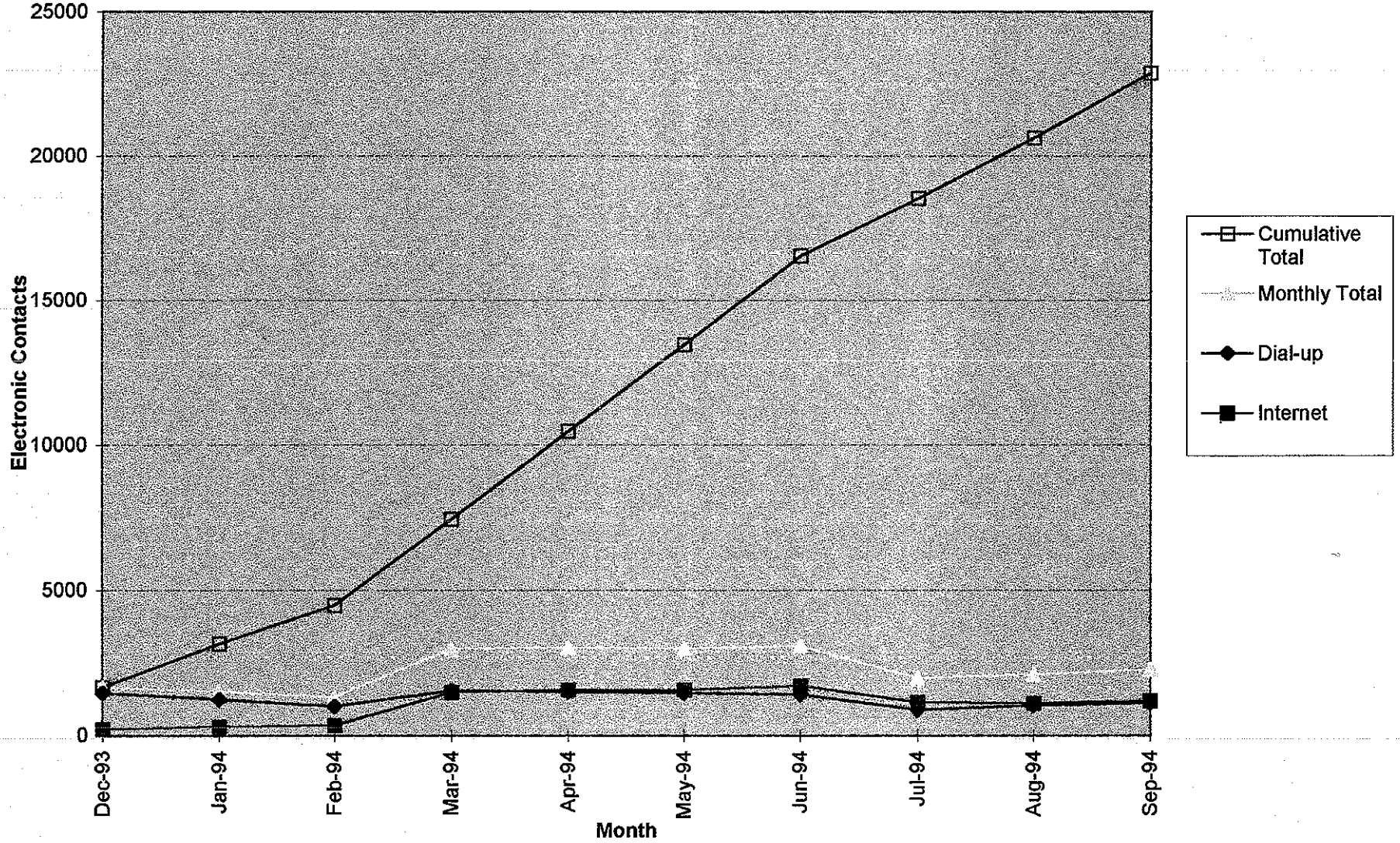
# NTTC Client Requests



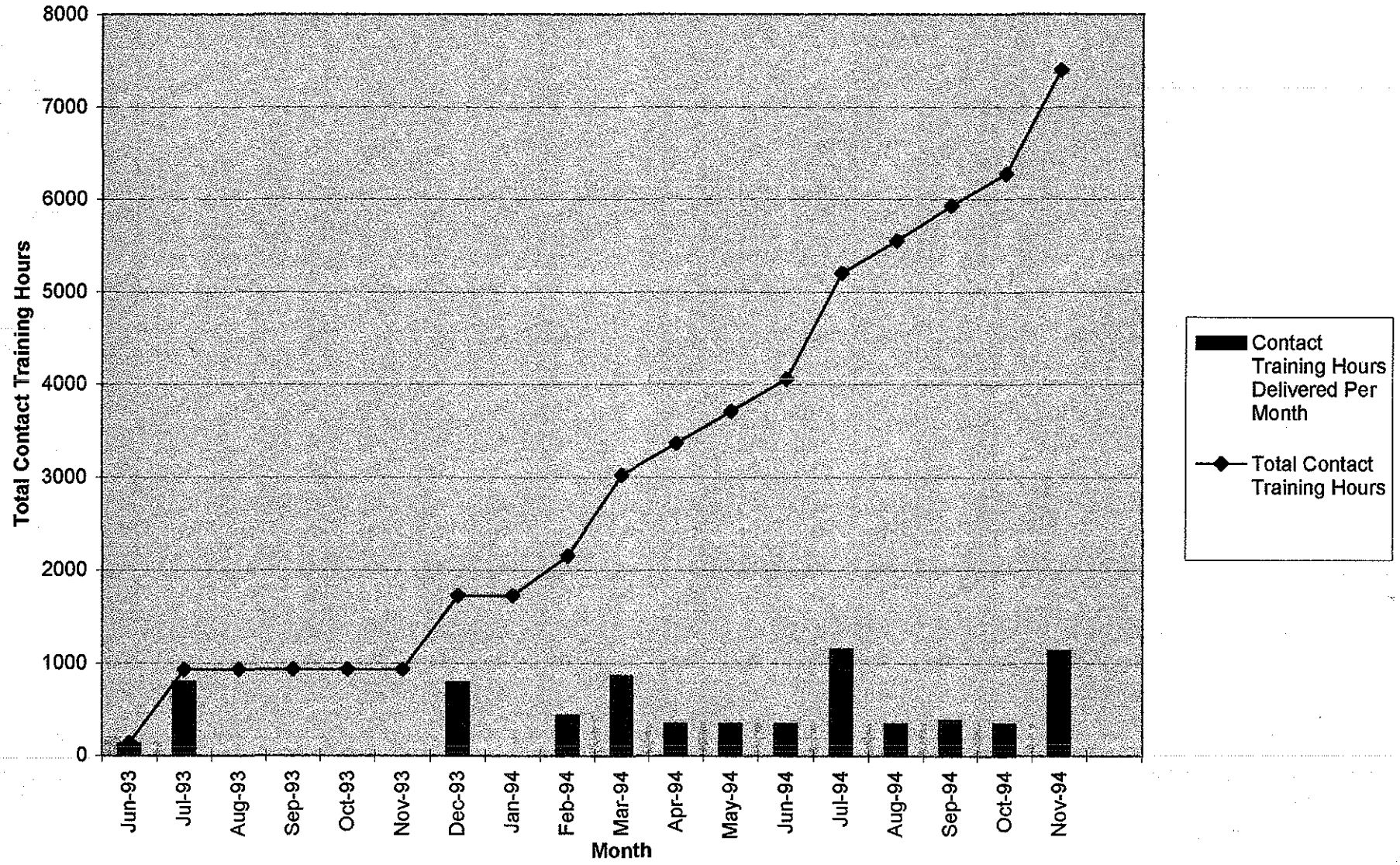
# NTTC Client Requests



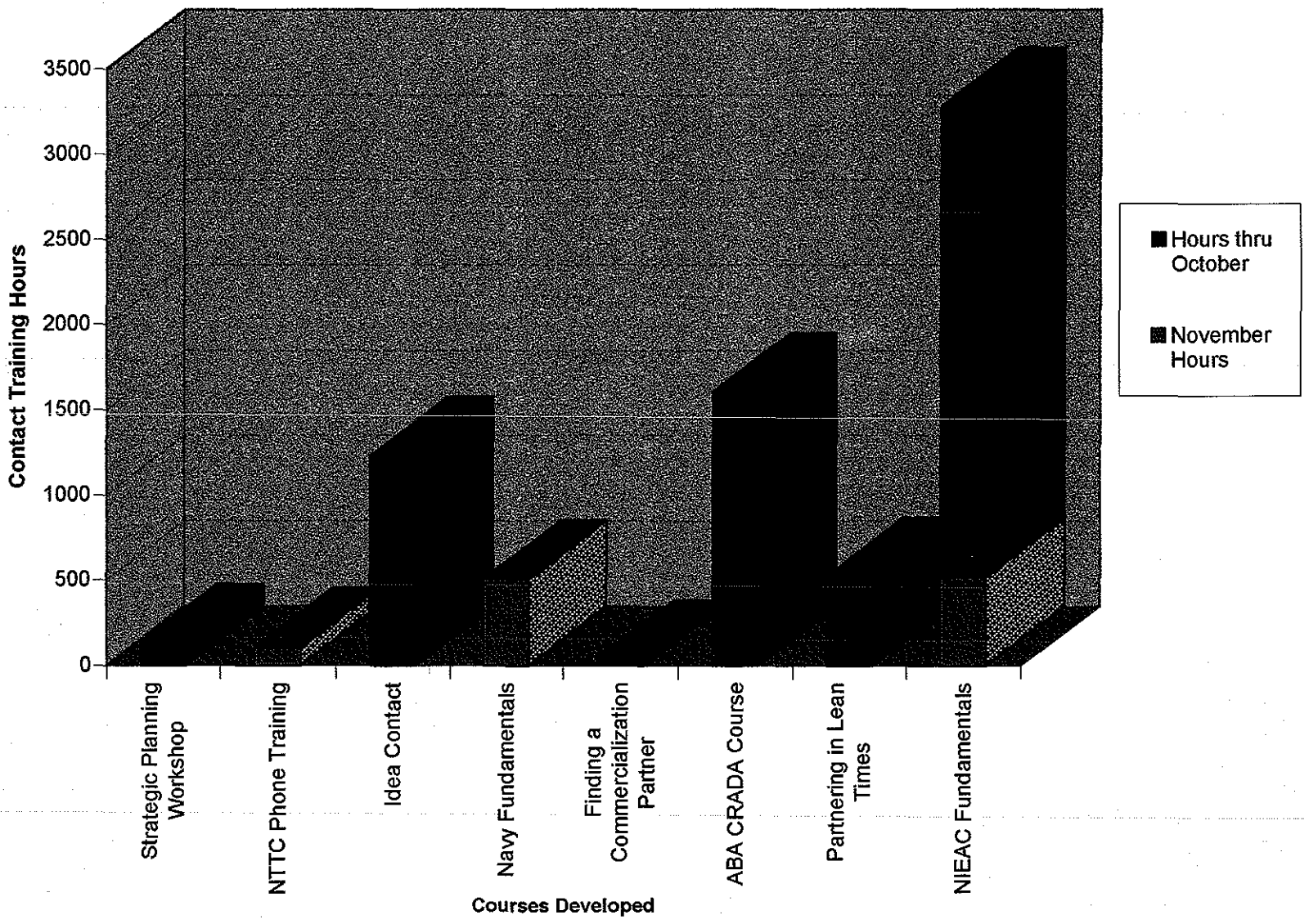
# NTTC Electronic Access



# NTTC Contact Training Hours



# NTTC Training Activities

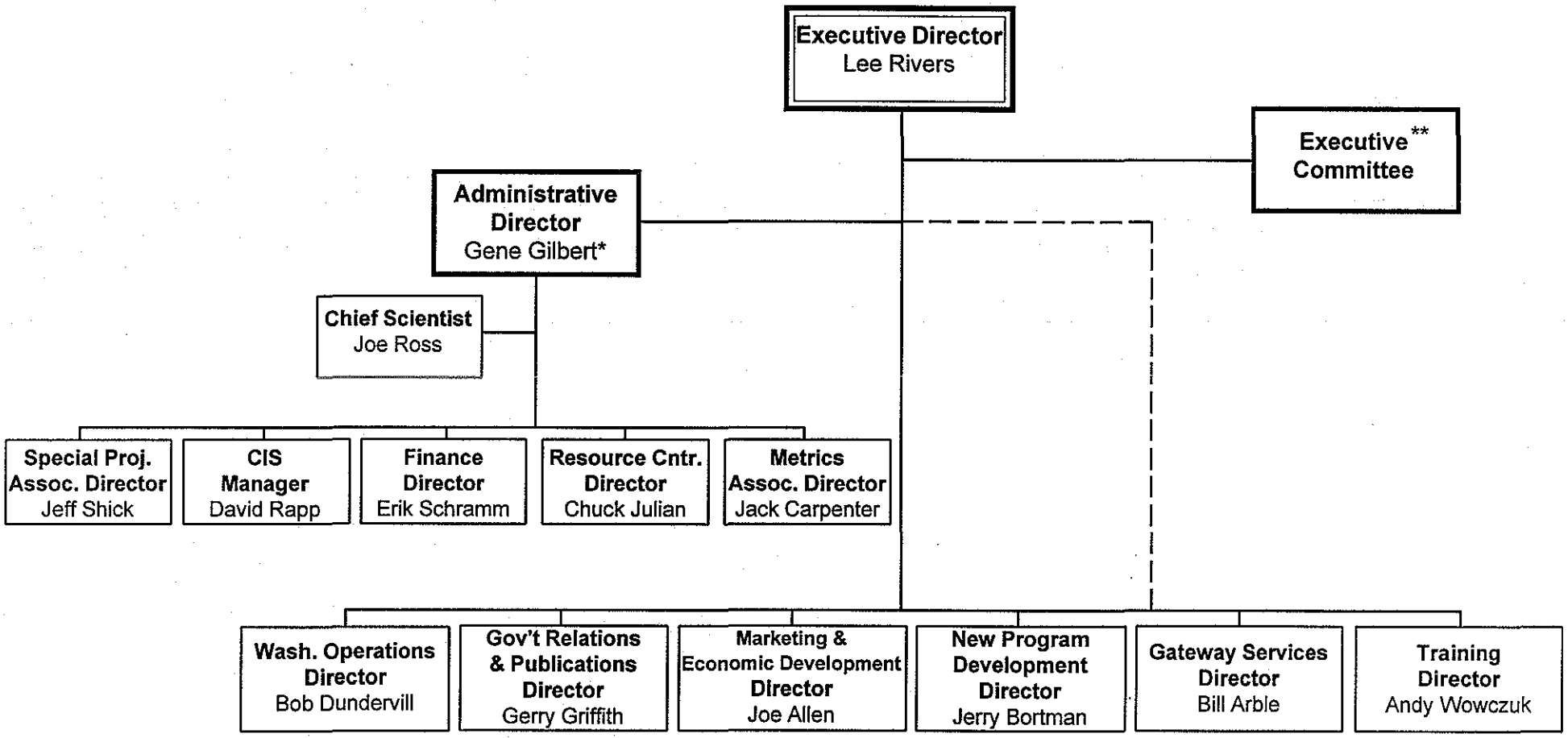


# NTTC
# Technology Managers
# Advisory Board

January 25, 1995

- Re-engineering the NTTC
- Operational Plan
- 5-year Agreement with NASA

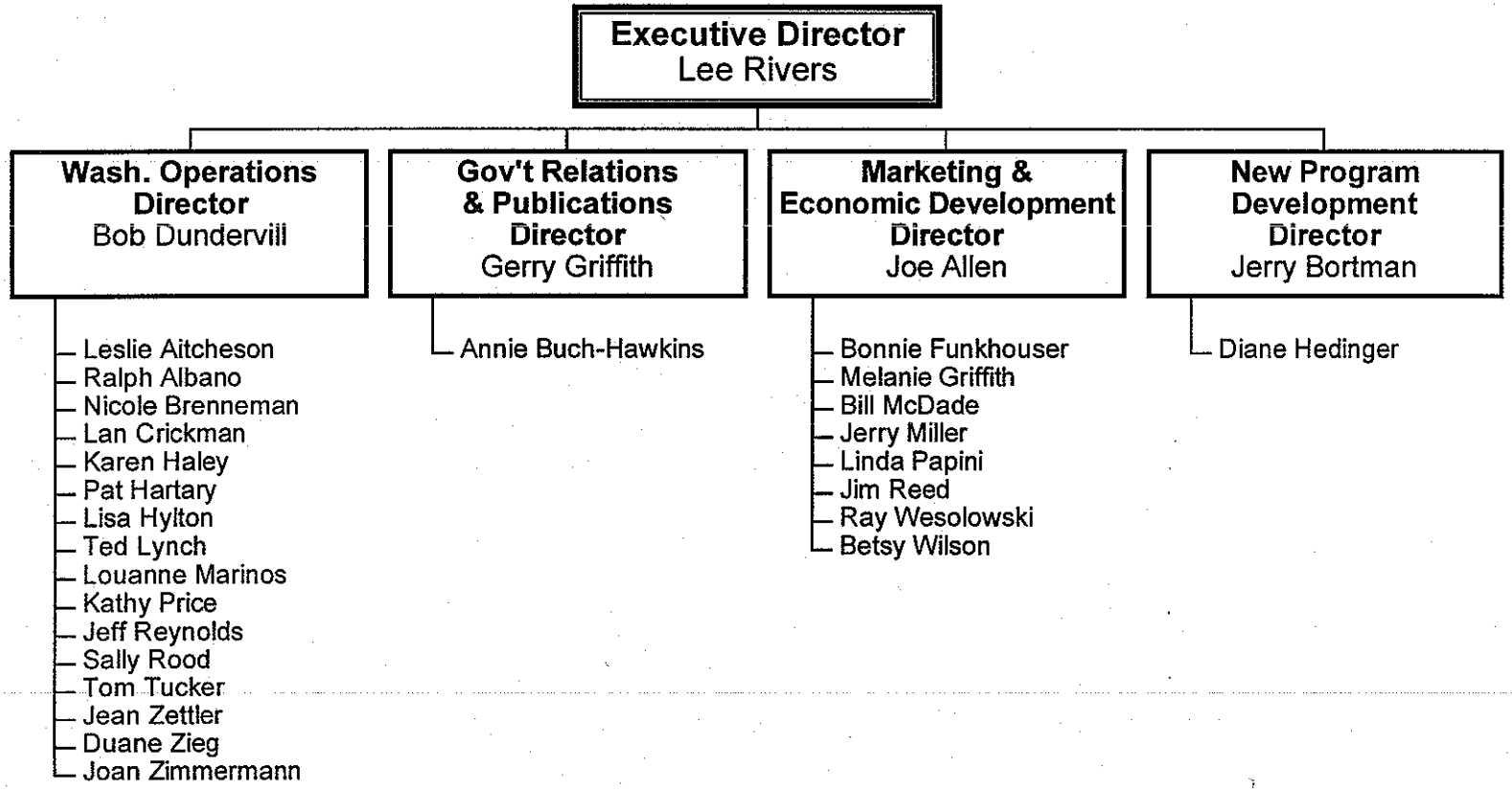
# National Technology Transfer Center
# Organizational Chart



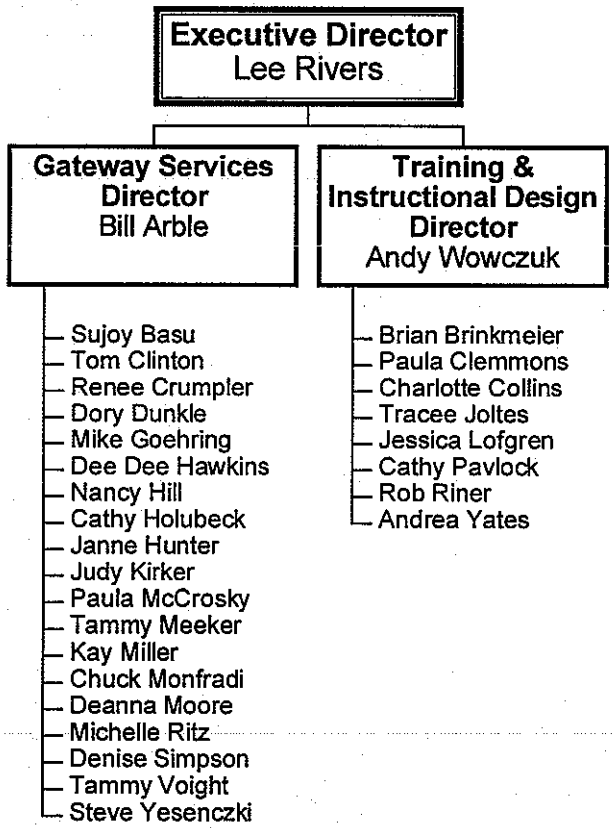

* This person will also serve as the acting NTTC executive director during the absence of the executive director from the Center.

** Members of this committee include Lee Rivers, Gene Gilbert, Joe Allen, Jerry Bortman.

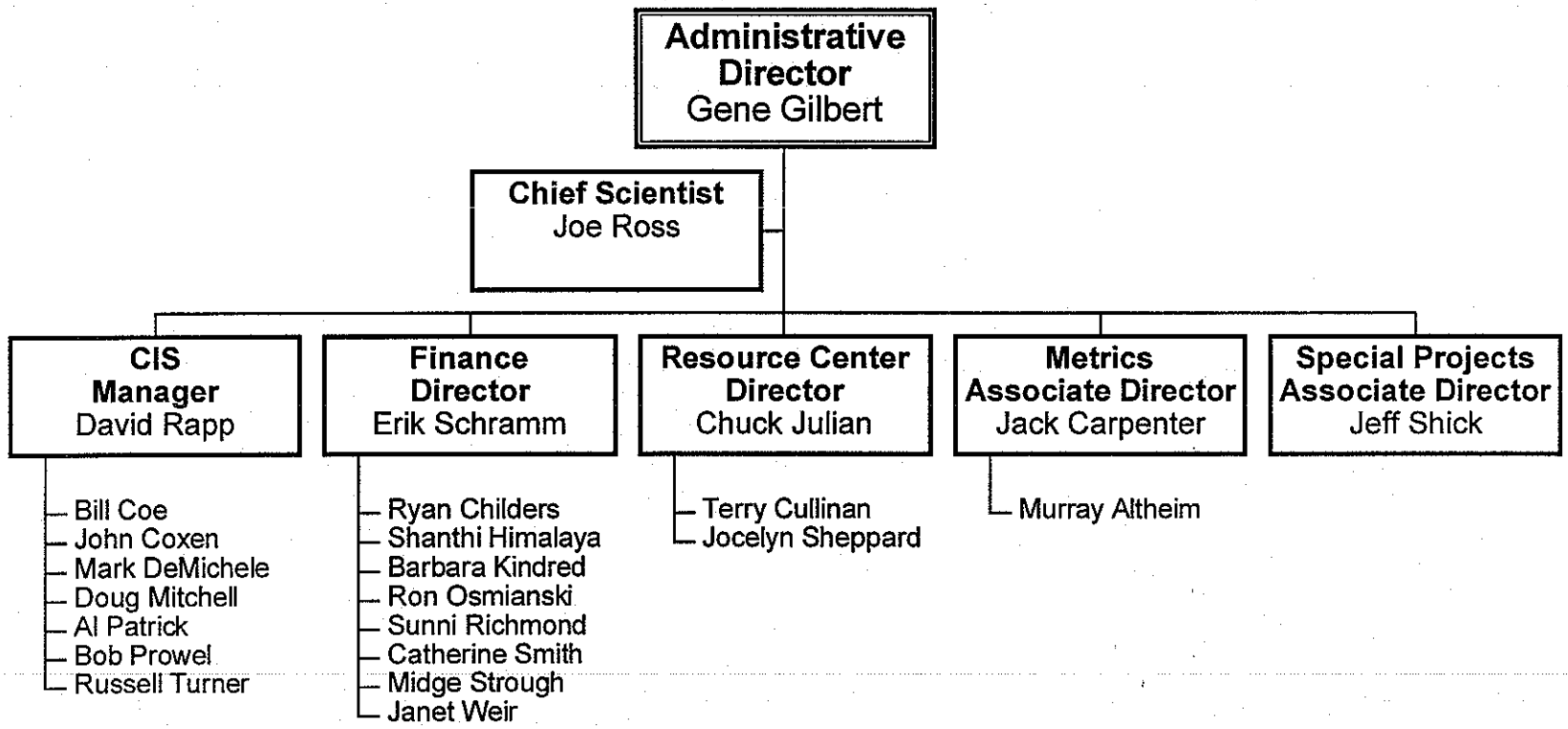
# National Technology Transfer Center
# Organizational Chart Breakdown



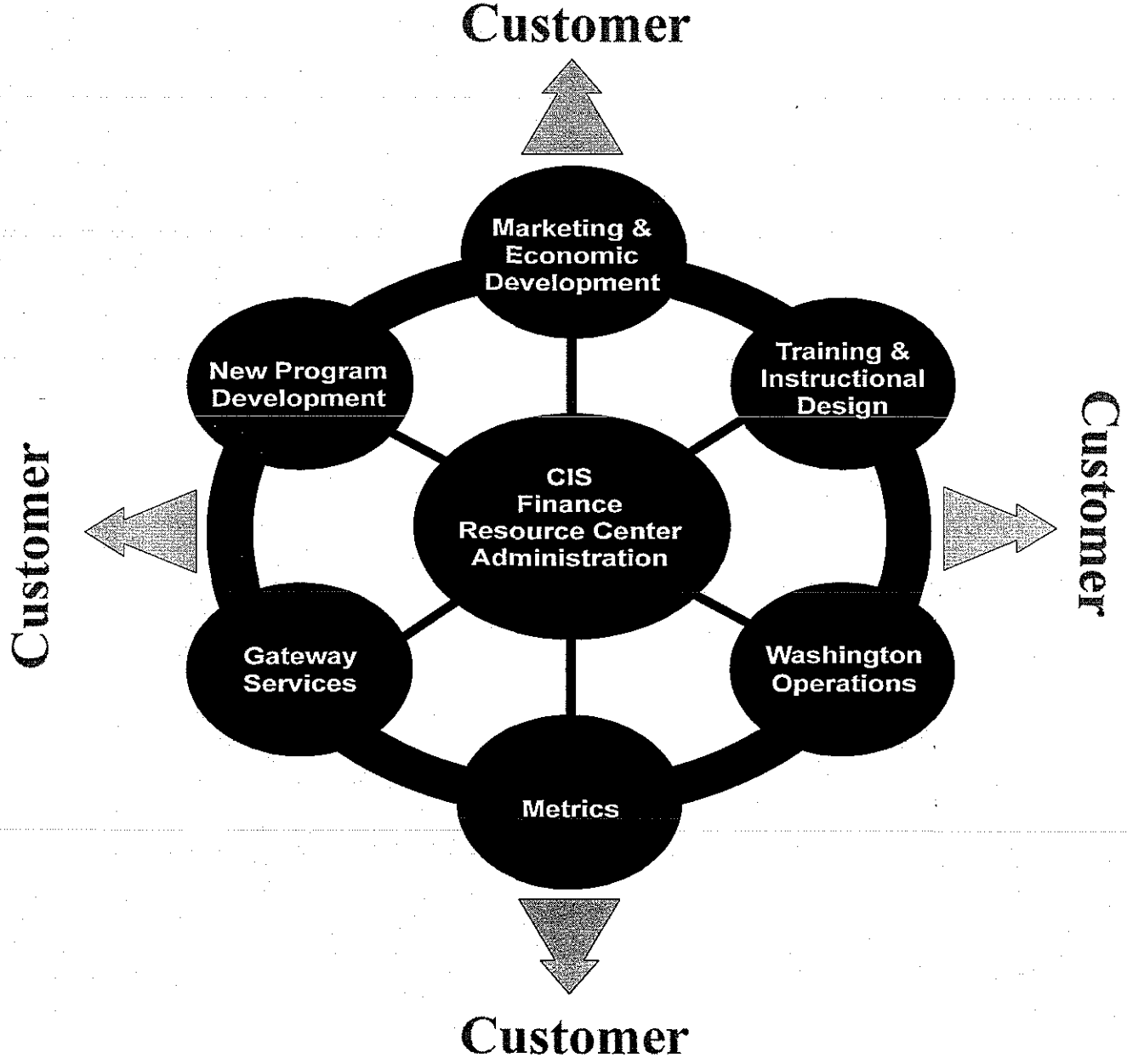
# National Technology Transfer Center
# Organizational Chart Breakdown



# National Technology Transfer Center
# Organizational Chart Breakdown



# NTTC Organizational Chart



# FY 1995
# Operational Plan

# Major Operational Plan Components

- Information Collection
- National Gateway
- Training & Instructional Design
- CIS
- Metrics & Measurements
- Marketing & Economic Development
- New Program Development
- Resource Center

# Major 1995 NTTC Objectives

- Information Collection
- National Gateway
- Training
- Outreach

# FY 1995 Objectives

- Information Collection
  - Increase information received from laboratories and universities by 50 percent
- National Gateway
  - Complete 5000 technical requests
  - Increase logins on *Business Gold* by 80 percent

# FY 1995 Objectives (cont.)

- Training
  - Develop introductory module for NASA Fundamentals of Technology Transfer Program; Deliver to 7 field centers
  - Deliver 7 NIEAC (Fundamentals of Industrial Extension) workshops

# FY 1995 Objectives (cont.)

- Outreach
  - Display exhibit booth at 24 industrial trade shows
  - Place more than 40 advertisements in leading industrial and research publications
  - Deliver 20 presentations at seminars and conferences

# NASA/NTTC 5-Year Cooperative Agreement

(11/1/94 - 11/1/99)

# Operational Mode

# NTTC Sources of Funds - FY 95

$ in Millions

| | |
|---|---|
| NASA | $9.8 |
| DOD(BMDO) | $2.5 |
| DOJ(OLETC)* | $1.5 |
| DOD(Navy Training) | $0.7 |
| DOC(Entrepreneurial Technology Apprentice Program)* | $0.6 |
| DOE(GETE)* | $0.4 |
| DOC(NIEAC-*TRP*) | $0.2 |
| DOE(NTCI/KE-*TRP*) | $0.2 |
| OSTP(White House Environmental Initiative) | $0.2 |
| CIA* | $0.2 |
| EPA | $0.1 |
| **TOTAL** | **$16.4** |

* Pending