



NEWS

Federal Communications Commission
445 12th Street, S.W.
Washington, D. C. 20554

News media Information 202 / 418-0500
TTY 202 / 418-2555
Fax-On-Demand 202 / 418-2830
Internet: <http://www.fcc.gov>
<ftp.fcc.gov>

This is an unofficial announcement of Commission action. Release of the full text of a Commission order constitutes official action. See MCI v. FCC, 515 F.2d 385 (D.C. Circ 1974).

FOR IMMEDIATE RELEASE:
December 22, 2003

NEWS MEDIA CONTACT:
Michael Balmoris 202-418-0253
Email: michael.balmoris@fcc.gov

FEDERAL-STATE JOINT BOARD STAFF RELEASES MONITORING REPORT

Comprehensive Report Tracks Trends Related to Universal Service

Washington, D.C. – The staff of the Federal-State Joint Board on universal service has released its most recent Monitoring Report on Universal Service. This report reflects information on the telephone industry filed with the Federal Communications Commission (FCC) through May 2003.

The report released today addresses the various universal service support mechanisms, which amounted to over \$5 billion in 2002. In 2002, disbursements among the four categories of universal service mechanisms were: 57.1% for high-cost support; 29.7% for schools and libraries support; 12.9% for low-income support; and 0.3% for rural health care support. The report presents data in eleven categories:

- 1) **Industry Revenues and Contributions** – Total industry revenues for telecommunications services provided to end users in 2002 were about \$232 billion, compared to about \$236 billion in 2001. Revenues for fixed local service providers increased slightly to \$90 billion from \$88 billion, while for wireless service providers they increased to \$77 billion from \$69 billion, and for toll service providers they decreased to \$65 billion from \$79 billion.
- 2) **Low-Income Support** – Total low-income support increased from about \$590 million in 2001 to about \$673 million in 2002.
- 3) **High-Cost Support** – In 2002, total high-cost support amounted to nearly \$3.0 billion, an increase from nearly \$2.6 billion in 2001. This increase is primarily due to the implementation of the new interstate common line support mechanism, which began in July 2002.
- 4) **Schools and Libraries Support** – Schools and libraries are making substantial use of their available support, with disbursements remaining at about \$1.6 billion and commitments remaining at about \$2.2 billion for the latest school years.
- 5) **Rural Health Care Support** – The demand for rural health care support has remained at a modest level, with disbursements of about \$16.5 million for the fourth year of the program (July 2001 - June 2002), up from \$10.3 million in the prior year.

- 6) **Subscribership and Penetration** – The percentage of households subscribing to telephone service reached an all-time high average of 95.5% in 2002.
- 7) **Rates and Price Indices** – The price index of overall telephone rates increased 0.43% in 2001 (compared to the general rate of inflation of 1.6% for all goods and services).
- 8) **Network Usage and Growth** – Total telephone usage remained relatively stable in 2001. In 2001 there were nearly 5 trillion minutes of use, similar to the previous year.
- 9) **Quality of Service** – The data show noticeable differences in the quality of service among carriers. For example, complaints per million residential access lines in 2002 varied from 20 to 324.
- 10) **Infrastructure** –Fiber digital carrier terminations continued to exhibit growth (working channels grew from nearly 74 million in 2001 to nearly 79 million in 2002).
- 11) **Revenues, Expenses and Investment** – For the larger local exchange carriers in 2002, 42% percent of net income was interstate, 30% of revenues was interstate, and 28% of expenses was interstate.

A monitoring program was established in the mid-1980's, at the recommendation of the Separations Joint Board, to track trends related to universal service and related matters. Since then, Joint Board staffs have prepared Monitoring Reports at least once a year -- a compendium of hundreds of pages of statistical data on subscribership and penetration, loop costs, separations factors, universal service fund payments, etc. The report is unique in that it is the only document that includes information on every incumbent local telephone company in the nation. In 1998 the publication of this report was moved from the Separations Joint Board staff to the Universal Service Joint Board staff. This is the sixth Monitoring Report from the Universal Service Joint Board staff.

The full text of this document is available for public inspection and copying during regular business hours at the FCC Reference Information Center, Portals II, 445 12th Street, SW, Room CY-A257, Washington, DC 20554. This document may also be purchased from the Commission's duplicating contractor, Qualex International, Portals II, 445 12th Street, SW, Room CY-B402, Washington, DC 20554, telephone 202-863-2893, facsimile 202-863-2898, or via e-mail at <qualexint@aol.com>. The report may also be downloaded from the **FCC-State Link** Internet site, which can be reached at <www.fcc.gov/wcb/iatd/stats.html>. It is available in both page image (.pdf) format and in a compressed (.zip) format, which, when unzipped yields text and spreadsheet files.

-FCC-

Wireline Competition Bureau contact: Alexander Belinfante at (202) 418-0944; TTY (202) 418-0484.

CC Docket No. 98-202

**UNIVERSAL SERVICE
MONITORING REPORT
CC DOCKET No. 98-202**

2003

(Data Received Through May 2003)

Prepared by Federal and State Staff for the
Federal-State Joint Board on Universal Service in

CC Docket No. 96-45

This report is available for reference in the FCC's Reference Information Center, Courtyard Level, 445 12th Street SW, Washington, DC 20554. Call Qualex International at (202) 863-2893 to purchase a copy. The report can also be downloaded from the **FCC-State Link** Internet site at <www.fcc.gov/wcb/iatd/stats.html>. It is available in print image (pdf) files and compressed (zip) files in word processor (MS Word) and spreadsheet (MS Excel or Lotus 123 .wk4) formats.

Table of Contents

Index of Tables and Charts	2 to 5
Introduction and Summary	6 to 8
Service List	9 to 13
1. Industry Revenues and Contributions	1-1 to 1-53
2. Low-Income Support	2-1 to 2-81
3. High-Cost Support	3-1 to 3-316
4. Schools and Libraries Support	4-1 to 4-15
5. Rural Health Care Support	5-1 to 5-12
6. Subscribership and Penetration	6-1 to 6-79
7. Rates and Price Indices	7-1 to 7-28
8. Network Usage and Growth	8-1 to 8-57
9. Quality of Service	9-1 to 9-9
10. Infrastructure	10-1 to 10-20
11. Revenues, Expenses and Investment.....	11-1 to 11-28

Index of Tables and Charts

Access Charges - Interstate - Per Line	Table 7.12
Access Charges - Interstate - Per Line - by Carrier	Table 7.14
Access Charges - Interstate - Per Minute	Table 7.13
Access Charges - Interstate - Per Minute - by Carrier	Table 7.15
Carrier Telecommunications Revenues by Type of Service	Table 1.9
Changes in Local Exchange Carriers	Table 3.37
Consumer Price Indices - Levels	Chart 7.1
Consumer Price Indices - Annual Changes	Chart 7.2
Consumer Price Indices - Annual Changes - Telephone Components	Chart 7.3
Consumer Price Indices - Average Annual Rates of Change	Table 7.1
Consumer Price Indices - Monthly	Table 7.4
Contribution Base Revenues by Program	Table 1.4
Customer Perception Surveys - Percentage of Customers Dissatisfied	Table 9.4
Customer Perception Surveys - Sample Sizes	Table 9.5
Expenses and Taxes	Table 11.2
Expenses - Total Operating	Table 11.9
Factors - Interstate DEM - Unweighted	Table 8.11
Factors - Interstate DEM - Weighted	Table 8.12
General Information	Table 1.17
High-Cost Loop Fund Formulas	Table 3.2
High-Cost Loop Support - 2001 Data - by Jurisdiction.....	Table 3.17
High-Cost Loop Support - 2001 Data - by Study Area	Table 3.31
High-Cost Loop Support Payment History	Table 3.3
High-Cost Loop Support Payment Projections by Jurisdiction.....	Table 3.8
High-Cost Loop Support Payment Projections by Study Area	Table 3.23
High-Cost Loop Support Payments by Jurisdiction.....	Table 3.22
High-Cost Loop Support Payments by Study Area	Table 3.37
High-Cost Loop Support - Percentage Changes - by Jurisdiction.....	Table 3.18
High-Cost Loop Support - Percentage Changes - by Study Area	Table 3.32
High-Cost Model Support Payment Projections by Jurisdiction	Table 3.10
High-Cost Programs Fund Size Projections and Actuals	Table 3.1
High-Cost Support - Non-Rural by Study Area	Table 3.25
High-Cost Support Payment Projections - Total by Jurisdiction	Table 3.15
High-Cost Support Payment Projections - Total by Study Area	Table 3.30
High-Cost Support Mechanisms – Payments per Loop by State	Table 3.16
Income - Net	Table 11.5
Information for Allocating CLEC Revenues	Table 1.19
Information for Allocating Incumbent Local Exchange Revenues	Table 1.18
Information for Allocating Interstate Access Revenues	Table 1.22
Information for Allocating Interstate Toll Revenues	Table 1.26
Information for Allocating Intrastate Access Revenues	Table 1.23
Information for Allocating LEC Intrastate Toll Revenues	Table 1.24
Information for Allocating Mobile Wireless Revenues	Table 1.20
Information for Allocating Non-LEC Intrastate Toll Revenues	Table 1.25
Information for Allocating SLC Revenues	Table 1.21
Installation, Maintenance, and Customer Complaints	Table 9.1
Interstate Access Support Payment Projections by Jurisdiction	Table 3.12

Index of Tables and Charts

Interstate Access Support Payment Projections by Study Area	Table 3.27
Interstate Common Line Support Payment Projections by Jurisdiction	Table 3.13
Interstate Common Line Support Payment Projections by Study Area	Table 3.28
Investment - Average Net	Table 11.6
Investment - Gross	Table 11.3
Investment - Other	Table 11.13
Investment Reserves	Table 11.4
Lifeline Assistance - Payments - by State	Table 2.7
Lifeline Assistance - Payments - by Study Area	Table 2.8
Lifeline Assistance - Subscribers - by State	Table 2.5
Lifeline Assistance - Subscribers - Tribal and Non-Tribal - by State	Table 2.6
Lifeline Monthly Support - by State	Table 2.1
Lines - Total	Table 8.4
Line Usage per Day	Table 8.5
LinkUp Assistance - Beneficiaries - by State	Table 2.9
LinkUp Assistance - Beneficiaries - Tribal and Non-Tribal - by State	Table 2.10
LinkUp Assistance - Payments - by State	Table 2.11
LinkUp Assistance - Payments - by Study Area	Table 2.12
Local Switching Support - Payment History	Table 3.7
Local Switching Support Payment Projections by Jurisdiction	Table 3.14
Local Switching Support Payment Projections by Study Area	Table 3.29
Long-Term Support - Payment History	Table 3.6
Long-Term Support Payment Projections by Jurisdiction	Table 3.11
Long-Term Support Payment Projections by Study Area	Table 3.26
Loops - by Jurisdiction	Table 3.20
Loops - by Study Area	Table 3.34
Low-Income Program Dollars by Study Area	Table 2.3
Low-Income Programs Fund Sizes and Projections	Table 2.4
Low-Income Support Payments by State	Table 2.2
Low-Income Support Payments per Loop by State	Table 2.13
Minutes - Dial Equipment - Interstate	Table 8.9
Minutes - Dial Equipment - Local	Table 8.7
Minutes - Dial Equipment - State Toll	Table 8.8
Minutes - Dial Equipment - Summary	Table 8.3
Minutes - Dial Equipment - Total	Table 8.10
Minutes of Use - Interstate Access - by Study Area	Table 8.6
Minutes of Use - Interstate Access - by Tier	Table 8.1
Minutes of Use - Interstate Access - Total	Table 8.2
Minutes of Use - Interstate Access - Total - Chart	Chart 8.1
Non-Operating Items - Total	Table 11.10
Other Operating Income or Losses	Table 11.8
Penetration - Households	Chart 6.1
Penetration - Individual Adults	Chart 6.8
Penetration by Household Size	Table 6.8
Penetration by Household Size - Critical Values	Table 6.14
Penetration by Household Size - Chart	Chart 6.5
Penetration by Householder's Age	Table 6.9

Index of Tables and Charts

Penetration by Householder's Age - Critical Values	Table 6.15
Penetration by Householder's Age - Chart	Chart 6.6
Penetration by Income	Table 6.7
Penetration by Income - Chart	Chart 6.4
Penetration by Income - Adjusted for Inflation	Chart 6.9
Penetration by Income by State - Adjusted for Inflation	Table 6.11
Penetration by Income by State - Sample Sizes	Table 6.17
Penetration by Income - Critical Values	Table 6.13
Penetration by Labor Force Status	Table 6.10
Penetration by Labor Force Status - Critical Values	Table 6.16
Penetration by Labor Force Status - Chart	Chart 6.7
Penetration by Lifeline Assistance Level	Table 6.4
Penetration by Lifeline Assistance Status	Table 6.3
Penetration by State	Table 6.6
Penetration by State - Changes	Table 6.2
Penetration by State - Changes - Map	Chart 6.3
Penetration by State - Comparison by Level of Lifeline Assistance	Table 6.5
Penetration by State - Critical Values	Table 6.12
Penetration by State - Map	Chart 6.2
Plant In-Service - Total	Table 11.12
Pool - NECA - Common Line	Table 3.4
Pool - NECA - Traffic Sensitive	Table 3.5
Price Indices - Annual Changes	Table 7.2
Price Indices - Local and Toll Services - Annual Changes	Table 7.3
Producer Price Indices	Table 7.5
Rates - Interstate Toll - Residential	Table 7.10
Rates - Local Business - Key System	Table 7.8
Rates - Local Business - PBX	Table 7.9
Rates - Local Business - Single Line	Table 7.7
Rates - Local Residential	Table 7.6
Revenue per Minute - Average	Table 7.11
Revenues and Other Operating Items	Table 11.1
Revenues by Type of Carrier	Table 1.8
Revenues from Telecommunications Service Provided for Resale	Table 1.5
Revenues from Telecommunications Service Provided to End Users	Table 1.6
Revenues - Total	Table 1.7
Revenues - Total Operating	Table 11.7
Rural Health Care - Disbursements per Person by State	Table 5.3
Rural Health Care Funding Commitments by State	Table 5.1
Rural Health Care - Service Speeds Acquired	Table 5.2
Safety Net Additive Support Payment Projections by Jurisdiction	Table 3.9
Safety Net Additive Support Payment Projections by Study Area	Table 3.24
Schools and Libraries Commitments & Disbursements by State & Applicant Type	Table 4.1
Schools and Libraries Commitments & Disbursements by State & Service Type	Table 4.2
Schools and Libraries Commitments per Student	Table 4.4
Schools and Libraries Disbursements by Service Provider Type	Table 4.3
Schools and Libraries Disbursements per Student	Table 4.5

Index of Tables and Charts

State Code Reference	Table 8.13
Subscribership on American Indian Reservations and Trust Land: Federal	Table 2.14
Subscribership - Household - United States	Table 6.1
Switch Downtime and Trunk Blocking	Table 9.2
Switch Downtime Causes	Table 9.3
Switching Systems	Table 10.1
Taxes	Table 11.11
Telecommunications Industry Revenues by Service	Table 1.2
Telecommunications Industry Revenues - Total	Table 1.1
Telecommunications Revenues by Type of Carrier	Table 1.3
Telecommunications Revenues - Interstate	Table 1.16
Telecommunications Revenues - Intrastate	Table 1.15
Telecommunications Revenues - Total - by State	Table 1.13
Telecommunications Revenues - 2001	Table 1.14
Transmission Systems	Table 10.2
Universal Service Program Requirements and Fund Factors	Table 1.10
Universal Service Support - Distribution of Disbursements	Chart 1.1
Universal Service Support Mechanisms	Table 1.11
Universal Service Support Mechanisms - by State	Table 1.12
Unseparated Non-Traffic Sensitive Revenue Requirement - by Jurisdiction	Table 3.19
Unseparated Non-Traffic Sensitive Revenue Requirement - by Study Area	Table 3.33
Unseparated NTS Revenue Requirement per Loop - by Jurisdiction	Table 3.21
Unseparated NTS Revenue Requirement per Loop - by Study Area	Table 3.35

Universal Service Monitoring Report
CC Docket No. 98-202
2003

Introduction and Summary

This is the seventh report in a series of reports prepared by federal and state staff members for the Federal-State Joint Board on Universal Service in CC Docket No. 96-45 (Universal Service Joint Board).¹ This report is based on information available to us as of May 2003.² These reports contain information designed to monitor the impact of various universal service support mechanisms, and the methods used to finance them. These mechanisms were adopted by the Federal Communications Commission (Commission), based on recommendations from the Universal Service Joint Board. These reports are part of a monitoring program created by the Commission in 1997 to replace a similar program in CC Docket No. 87-339 that resulted in a series of nineteen *Monitoring Reports*.³ The current program incorporates most of the information that was collected under the previous program, and also new materials from the reports of the administrator of the universal service support mechanisms, the Universal Service Administrative Company (USAC). To enhance our monitoring ability, we have created an open docket,⁴ which allows data, materials, comments, and studies to be submitted by any interested party at any time.

The monitoring program has proven to be valuable, not only as a report on the effects of the Commission's regulatory policies, but also as a complete census of all incumbent local exchange carriers. Because smaller carriers generally are exempt from most Commission reporting requirements, the *Monitoring Report* incorporates data from several sources, including the National Exchange Carrier Association (NECA) and USAC. USAC collects information from all eligible carriers to administer the universal service support mechanisms. NECA, at the direction of the Commission, collects information in order to administer the access charge pools and also provides information to USAC that is utilized in administering the Universal Service Fund. The *Monitoring Report*, therefore, contains the only available comprehensive data on all incumbent local exchange carriers, containing data on such matters as the number of telephone lines, calling volumes, and certain types of costs.

This report presents data for the eleven subject categories selected for monitoring. The first section provides information on the contributions to the universal service support mechanisms and industry revenues, on which those contributions are based. The next four sections provide information on the various support mechanisms: low-income support; high-cost support; schools

1 The last report was released on October 9, 2002. *Universal Service Monitoring Report*, CC Docket No. 98-202, October 2002 (Data Received Through April 2002), prepared by the Federal and State Staff for the Federal-State Joint Board on Universal Service in CC Docket No. 96-45.

2 In some sections, data received in June have been included.

3 *Federal-State Joint Board on Universal Service*, CC Docket No. 96-45, *Report and Order*, FCC 97-157, para. 869 (released May 8, 1997).

4 CC Docket No. 98-202.

and libraries support; and rural health care support. The remaining six sections provide information on matters that might be affected by the support mechanisms: subscribership and penetration; rates and price indices; network usage and growth; quality of service; infrastructure; and revenues, expenses, and investment. The *Monitoring Report* is now published once a year.

The following are highlights of some of the material in this report. Section 1 provides an update on industry revenues and the universal service program requirements and contribution factors. Section 2 includes the latest data on the Lifeline and LinkUp America programs. Section 3 includes the most recent projected payments for all of the high-cost support mechanisms, based on the quarterly reports from USAC. It also includes information from the latest filing by NECA for the high-cost loop fund. Section 4 includes updated data on the schools and libraries support mechanism. Section 5 includes updated data on the rural health care support mechanism. Section 6 includes the most recent Census data on subscribership from the Current Population Survey. It also includes data on telephone penetration by income by state and a discussion of the impact of Lifeline programs on penetration. Section 7 includes updated Consumer Price Index and Producer Price Index data and other updated rate information. Section 8 includes the latest NECA data on access minutes, dial equipment minutes, and separations factors. Section 9 includes updated data on the quality of service from the Commission's Automated Reporting Management Information System (ARMIS) reports. Section 10 includes updated data on infrastructure from the ARMIS reports. Section 11 includes the latest information on revenues, expenses, and investment from the ARMIS reports.

This entire report is available electronically through the **FCC-State Link** Internet site, which can be reached at <www.fcc.gov/wcb/iatd/stats.html>. It is available in both page image (.pdf) format and in a compressed (.zip) format, which, when unzipped yields word processing and spreadsheet files. In addition, information received well in advance of the next *Monitoring Report* will be made available on an interim basis in separate staff reports or in raw data files (such as most NECA filings used in the *Monitoring Report*) on the **FCC-State Link** Internet site. In addition, the ARMIS data are available on the ARMIS Internet site, which can be reached at <www.fcc.gov/wcb/armis/db/>.

For ease of public reference, parties submitting materials for this docket should provide a duplicate copy to the FCC's Reference Information Center,⁵ where copies of all materials filed in the docket are available for public reference.

This report has been prepared by the federal staff listed below and reviewed by the state staff listed below. These staff members can be contacted for further information:

General Information:	Alex Belinfante (Federal) (202) 418-0944 Alan Feldman (Federal) (202) 418-0943
Industry Revenues and Contributions:	Jim Lande (Federal) (202) 418-0948 Jim Eisner (Federal) (202) 418-7302 Craig Stroup (Federal) (202) 418-0989 Greg Fogleman (Florida) (850) 413-6574 Jeff Pursley (Nebraska) (402) 471-3101

5 Courtyard Level, 445 12th Street SW, Washington, DC 20554.

Low-Income Support: Larry Povich (Federal) (202) 418-0953
Suzanne Mendez (Federal) (202) 418-0941
Philip McClelland (Pennsylvania) (717) 783-5048
Charles Bolle (Nevada) (775) 687-6070

High-Cost Support: Alex Belinfante (Federal) (202) 418-0944
Jim Eisner (Federal) (202) 418-7302
Carl Johnson (New York) (518) 486-2832
Michael Lee (Montana) (406) 444-6185
Joel Shifman (Maine) (207) 287-1381

Schools and Libraries Support: Craig Stroup (Federal) (202) 418-0989
Jennifer Gilmore (Indiana) (317) 232-2785
Peter Pescosolido (Connecticut) (860) 827-2616

Rural Health Care Support: Craig Stroup (Federal) (202) 418-0989
Peter Bluhm (Vermont) (802) 828-2358

Subscribership and Penetration: Alex Belinfante (Federal) (202) 418-0944
Earl Poucher (Florida) (850) 487-8242

Rates and Price Indices: Paul Zimmerman (Federal) (202) 418-7285
Joel Shifman (Maine) (207) 287-1381
David Dowds (Florida) (850) 413-6542

Network Usage and Growth: Paul Zimmerman (Federal) (202) 418-7285
Mary Newmeyer (Alabama) (334) 242-2968

Quality of Service: Jonathan Kraushaar (Federal) (202) 418-0947
Earl Poucher (Florida) (850) 487-8242
Larry Stevens (Iowa) (515) 281-4725
Brad Ramsay (NARUC) (202) 898-2207

Infrastructure: Jonathan Kraushaar (Federal) (202) 418-0947
Lori Kenyon (Alaska) (907) 263-2123

Revenues, Expenses, and Investment: Katie Rangos (Federal) (202) 418-0954
Barbara Meisenheimer (Missouri) (573) 751-5567

SERVICE LIST

All items filed in CC Docket No. 98-202 must be filed with the Secretary, Federal Communications Commission, 445 12th Street, SW, Room TW-B204, Washington, D.C. 20554, and the following Commissioners and staff members (e-mail addresses of staff members follow their mailing addresses):

DOCKET NO. 96-45 JOINT BOARD MEMBERS

Commissioner Kathleen Q. Abernathy
Federal Communications Commission
445 12th Street SW, Room 8-B115
Washington, DC 20554

Commissioner Jonathan S. Adelstein
Federal Communications Commission
445 12th Street SW, Room 8-C302
Washington, DC 20554

Commissioner Kevin J. Martin
Federal Communications Commission
445 12th Street SW, Room 8-A204
Washington, DC 20554

Chair G. Nannette Thompson
Regulatory Commission of Alaska
701 West 8th Ave., Suite 300
Anchorage, AK 99501-3469

Commissioner Bob Rowe
Montana Public Service Commission
1701 Prospect Ave.
P. O. Box 202601
Helena, MT 59620-2601

Honorable Billy Jack Gregg
West Virginia Consumer Advocate
723 Kanawha Boulevard, East
7th Floor, Union Building
Charleston, WV 25301

Commissioner Lila A. Jaber
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Commissioner Thomas J. Dunleavy
New York Public Service Commission
One Penn Plaza, 8th Floor
New York, NY 10119

DOCKET NO. 96-45 FEDERAL-STATE JOINT BOARD STAFF

Greg Fogleman
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850
gfoglema@psc.state.fl.us

Earl Poucher
Florida Office of the Public Counsel
111 West Madison, Room 812
Tallahassee, FL 32399-1400
poucher.earl@leg.state.fl.us

Carl Johnson
New York Public Service Commission
3 Empire State Plaza
Albany, NY 12223-1350
caj@dps.state.ny.us

Mary Newmeyer
Alabama Public Service Commission
100 N. Union Street, Ste. 800
Montgomery, AL 36104
mnewmeyer@psc.state.al.us

Lori Kenyon
Regulatory Commission of Alaska
701 West 8th Avenue, Suite 300
Anchorage, AK 99501-3469
lorraine_kenyon@rca.state.ak.us

Peter Pescosolido
Connecticut Department of Public Utility Control
10 Franklin Square
New Britain, CT 06051
Peter.Pescosolido@po.state.ct.us

Joel Shifman
Maine Public Utilities Commission
242 State Street
State House Station 18
Augusta, ME 04333-0018
joel.shifman@state.me.us

David Dowds
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850
ddowds@psc.state.fl.us

Charles Bolle
Nevada Public Utilities Commission
1150 East Williams Street
Carson City, NV 89701-3105
cbolle@puc.state.nv.us

Michael Lee
Montana Public Service Commission
1701 Prospect Ave.
Helena, MT 59620-2601
mlee@state.mt.us

Larry Stevens
Iowa Utilities Board
350 Maple Street
Des Moines, IA 50319
larry.stevens@iub.state.ia.us

Peter Bluhm
Vermont Public Service Board
Drawer 20
112 State Street, 4th Floor
Montpelier, VT 05620-2701
pbluhm@psb.state.vt.us

Matthew Brill
Office of Commissioner Abernathy
Federal Communications Commission
445 12th Street SW, Room 8-B115D
Washington, DC 20554
matthew.brill@fcc.gov

Jeff Pursley
Nebraska Public Service Commission
300 The Atrium, 1200 N Street
P.O. Box 94927
Lincoln, NE 68509-4927
jppursley@mail.state.ne.us

Philip McClelland
Pennsylvania Office of Consumer Advocate
555 Walnut Street, 5th Floor
Harrisburg, PA 17101-1923
pmcclelland@paoca.org

Barbara Meisenheimer
Missouri Office of Public Counsel
301 West High St., Suite 250
Jefferson City, MO 65102
bmeisenheimer@ded.state.mo.us

Jennifer Gilmore
Indiana Utility Regulatory Commission
302 West Washington St., Suite E-306
Indianapolis, IN 46204
jgilmore@urc.state.in.us

Brad Ramsay
NARUC
1101 Vermont Ave. NW, Suite 200
Washington, DC 20005
ramsay@naruc.org

Lisa Zaina
Office of Commissioner Adelstein
Federal Communications Commission
445 12th Street SW, Room 8-C302
Washington, DC 20554
lisa.zaina@fcc.gov

Daniel Gonzalez
Office of Commissioner Martin
Federal Communications Commission
445 12th Street SW, Room 8-A204B
Washington, DC 20554
daniel.gonzalez@fcc.gov

Carol Matthey, Deputy Chief
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 5-C451
Washington, DC 20554
carol.matthey@fcc.gov

Eric Einhorn, Chief
Telecommunications Access Policy Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 5-A426
Washington, DC 20554
eric.einhorn@fcc.gov

Sharon Webber, Deputy Chief
Telecommunications Access Policy Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 5-A425
Washington, DC 20554
sharon.webber@fcc.gov

Diane Law Hsu, Deputy Chief
Telecommunications Access Policy Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 6-A360
Washington, DC 20554
diane.law-hsu@fcc.gov

Anita Cheng, Assistant Chief
Telecommunications Access Policy Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 5-A445
Washington, DC 20554
anita.cheng@fcc.gov

William Scher, Assistant Chief
Telecommunications Access Policy Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 5-B550
Washington, DC 20554
william.scher@fcc.gov

Geoff Waldau
Telecommunications Access Policy Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 5-B524
Washington, DC 20554
geoff.waldau@fcc.gov

Paul Garnett
Telecommunications Access Policy Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 5-C315
Washington, DC 20554
paul.garnett@fcc.gov

Katie King
Telecommunications Access Policy Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 5-B544
Washington, DC 20554
katie.king@fcc.gov

Dana Walton-Bradford
Telecommunications Access Policy Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 5-A314
Washington, DC 20554
dana.walton-bradford@fcc.gov

Shannon Lipp
Telecommunications Access Policy Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 5-A523
Washington, DC 20554
shannon.lipp@fcc.gov

Jennifer Schneider
Telecommunications Access Policy Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 6-C212
Washington, DC 20554
jennifer.schneider@fcc.gov

Bryan Clopton
Telecommunications Access Policy Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 5-A465
Washington, DC 20554
bryan.clopton@fcc.gov

Vickie Byrd Robinson
Telecommunications Access Policy Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 5-B552
Washington, DC 20554
vickie.robinson@fcc.gov

Cara Voth
Telecommunications Access Policy Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 5-A640
Washington, DC 20554
cara.voth@fcc.gov

Elizabeth Yockus Mumaw
Telecommunications Access Policy Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 5-C264
Washington, DC 20554
elizabeth.mumaw@fcc.gov

OTHER FEDERAL STAFF

Alex Belinfante
Industry Analysis & Technology Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 6-A132
Washington, DC 20554
alex.belinfante@fcc.gov

Alan Feldman, Acting Chief
Industry Analysis & Technology Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 6-A223
Washington, DC 20554
alan.feldman@fcc.gov

Jonathan Kraushaar
Industry Analysis & Technology Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 6-A262
Washington, DC 20554
jonathan.kraushaar@fcc.gov

Jim Lande
Industry Analysis & Technology Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 6-A134
Washington, DC 20554
jim.lande@fcc.gov

Suzanne Mendez
Industry Analysis & Technology Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 6-A100
Washington, DC 20554
suzanne.mendez@fcc.gov

Larry Povich
Industry Analysis & Technology Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 6-A130
Washington, DC 20554
larry.povich@fcc.gov

Katie Rangos
Industry Analysis & Technology Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 6-A162
Washington, DC 20554
katie.rangos@fcc.gov

Jim Eisner
Industry Analysis & Technology Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 6-A102
Washington, DC 20554
james.eisner@fcc.gov

Craig Stroup
Industry Analysis & Technology Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 6-A104
Washington, DC 20554
craig.stroup@fcc.gov

Paul Zimmerman
Industry Analysis & Technology Division
Wireline Competition Bureau
Federal Communications Commission
445 12th Street SW, Room 6-C162
Washington, DC 20554
paul.zimmerman@fcc.gov