

August H. Ankum, Ph.D.

**Partner
Chief Economist
QSI Consulting, Inc.**
gankum@qsiconsulting.com

**Biography**

Dr. Ankum is a founding partner of QSI and serves as the firm's Chief Economist. Dr. Ankum assists corporate and government clients with economic and financial analyses and issues related to public policy and public utility regulation. While there is a special focus on regulated industries, such as telecommunications, electric, gas and maritime shipping, and rate case/revenue requirement/cost allocation analyses, Dr. Ankum's work experience generally encompasses the following:

- econometric modelling and economic growth and employment forecasts
- industrial organization and competitive market analysis
- due diligence and asset evaluations
- complex litigation, breach of contract and damages calculations, intellectual property disputes
- regulatory policy, tariff issues, rate cases (cost of service, rate design, cost of capital)
- interconnection and contract negotiations and billing disputes

Dr. Ankum also assists corporate and government clients with antitrust issues related to proposed mergers and acquisitions, such as:

- general market dominance/competitiveness analysis
- application of U.S. DoJ/FTC standards for merger approvals
- projected impact of mergers on affiliated transactions, economic and financial viability, quality and availability of products and services, and end-user/retail and wholesale prices

Before co-founding QSI in 1999, Dr. Ankum was President of Ankum & Associates, Inc., which provided economic consulting services for a variety of companies and public agencies. Prior to that, in 1996, he served as Senior Economist for MCI Telecommunications Corporation's Public Policy Division, and before that, in 1995, as a Manager in the Regulatory and External Affairs Division of Teleport Communications Group, Inc. (subsequently purchased by AT&T). While at MCI and TCG, Dr. Ankum worked as an economist and provided advice on public policy issues before the FCC and state public utility commissions.

Dr. Ankum began his career at the Texas Public Utility Commission, in 1987, where he worked as an economist on electric utility and telecommunications issues.

Educational Background

Ph.D., Economics
University of Texas, Austin, Texas 1992

Master of Arts, Economics
University of Texas, Austin, Texas 1987

Bachelor of Arts, Economics
Quincy College, Quincy, Illinois 1982

Professional Experience

QSI Consulting (1999 to Current)	Founding Partner, Chief Economist
Ankum & Associates (1996 - 1999)	Founding Partner and President
MCI (1995 - 1996)	Senior Economist
TCG (1994 - 1995)	Manager
Public Utility Commission of Texas (1987 – 1994)	Chief Economist, and Economist.

COURT LITIGATION**Ingham County Circuit Court****Case No. 04-689-CK***T&S Distributors, LLC Custom Software, Inc., Arq, Inc., Absolute Internet, Inc., CAC Medianet, Inc., ACD Telecom, Inc., and Telnet Worldwide, Inc. V. Michigan Bell Telephone Company, d/b/a SBC Michigan.*

On behalf of ACD Telecom, Inc. and Telnet Worldwide, Inc.

JAMS Reference No.1340005643**Case No. 05-C-6250***Cingular Wireless, LLC, a Delaware Limited Liability Company V. PlatinumTel Communications, LLC, a Delaware Limited Liability Company*

On behalf of PlatinumTel Communications, LLC.

U.S. District Court, Northern District of Illinois Eastern Division**Case No. 05-C-6250***Cingular Wireless, LLC, a Delaware Limited Liability Company V Omar Ahmad*

On behalf of Omar Ahmad.

United States District Court, Northern District of Texas Dallas Division**Civil Action No. 09-CV-1268***Southwestern Bell Telephone Company, et. al. Plaintiffs, vs. IDT Telecom, Inc., Entrix Telecom, Inc., and John Does 1-10, Defendants.*

On behalf of IDT

United States District Court, Northern District of Texas, Fort Worth Division.**Case No. 4:09-cv-755-A***Transcom Enhanced Services, Inc. v. Qwest Corporation*

On behalf of Transcom

District Court for the Eastern District of Texas, Sherman Division**Case Nos. 4:11-MC-0053, 4:11-MC-0054, 4:11-MC-0055; Case No. 11-42464, and Adversary Proceeding No. 11-4160***IN RE: Halo Wireless, Inc. Debtor*

On behalf of Halo Wireless, Inc.

Superior Court Judicial District of Hartford**Complex Litigation No. (Xo7) HHD-CV-10-6013996S,***BTHRIFTY, LLC, Plaintiff, v. Comcast Spotlight, LLC, et al, Defendants*

On behalf of Comcast Spotlight, LLC

United States District Court Northern District of Texas, Dallas Division**Civil Action No. 09-CV-1268**

Southwestern Bell Telephone Company, et al, Plaintiffs, vs. IDT Telecom, Inc., ENTRIX Telecom, Inc., and John Does, 1-10, Defendants.

On behalf of IDT Telecom, Inc.

United States District Court for the Western District of Arkansas

Civil Action No: 5:14-cv-5275-TLB

*In Re Global Tel*Link Corporation ICS Litigation.*

On behalf of Counsel for Plaintiffs

U.S. District Court for the Eastern District of Pennsylvania

Civil Action No.: 2:12-cv-00859-JD

Comcast Cable Communications, LLC; TVWorks, LLC; and Comcast MO Group, Inc., V Sprint Communications Company, L.P.; Sprint Spectrum L.P.; and Nextel Operation, Inc., Defendants: Sprint Communications Company, L.P. and Sprint Spectrum L.P., Counterclaim-Plaintiffs, V Comcast Cable Communications, LLC; Comcast IP Phone, LLC; Comcast Business Communications, LLC; and Comcast Cable Communications Management, LLC, Counterclaim-Defendants.

At the request of counsel for the Comcast entities.

State of Michigan, In the Circuit Court for the County of Washtenaw

Civil Action: Case. 17-1024-CB

MERIT NETWORK, INC., a Michigan non-profit corporation, Plaintiff, v. AMCOMM TELECOMMUNICATIONS, INC., a Michigan corporation, Defendant.

At the request of counsel for Merit Network, Inc.

United States District Court District of South Carolina Charleston Division

Case No: 2:17-cv-02562-DCN

Crown Castle NG East LLC (Plaintiff) v. City of Charleston (Defendant)

At the request of counsel for Crown Castle NG East LLC

District Court, City and County of Denver, State of Colorado

Case Number: 2018CV31548

CORESITE DENVER, LLC (Counterclaim-Defendant) v. DGE B MANAGEMENT, LLC, a Colorado limited liability company, DGE B MMR, LLC, a Colorado limited liability company, and NANCY CASADOS, an individual. (Counterclaimants)

On behalf of Counterclaimants

In the United States District Court for the Eastern District of Wisconsin

Civil Case No. 2:08-CV-00724-LA

UNITED STATES OF AMERICA, ex rel. TODD HEATH, Plaintiff-Relator, v. WISCONSIN BELL, INC., Defendant,

On behalf of Plaintiff-Relator

**REGULATORY ACTIVITIES AND PROCEEDINGS IN WHICH DR. ANKUM
HAS ASSISTED CLIENTS AND/OR FILED EXPERT WITNESS
TESTIMONY**

Chicago Clean Energy Coke/Coal Gasification to SNG Project, Analysis of Return on Equity per Section 9-220(h-3)(1)(B) of Public Act 97-96, October 12, 2011

In re Proposed Contracts between Chicago Clean Energy, Inc. and Ameren Illinois Company and Between Chicago Clean Energy, Inc. and Northern Illinois Gas Company for the Purchase and Sale of Substitute Natural Gas Under the Provisions of Illinois Public Act 97-0096.

On behalf of Illinois Power Agency, presented in Illinois Commerce Commission

Docket 11-0710

Cost of Capital Analysis for Cooperatives

Cost of Capital for Cooperatives and other Issues, prepared on behalf of the Utah Office of Consumer Services, 2013.

Before the Michigan House Committee on Energy and Technology

Presentation on House Bills 4257 (Re: Switched Access Charges)

On behalf of Michigan Internet and Telecommunications Alliance

Before the Arkansas Public Service Commission

Docket No. 15-011-U

In the Matter of SourceGas Arkansas for Approval of a General Change in Rates and Tariffs

On behalf of Arkansas Office of the Attorney General

Before the Arkansas Public Service Commission

Docket N. 15-034-U

In the Matter of Oklahoma Gas and Electric Company Imposing a Surcharge to Recover all Investments and Expenses in Compliance with Rules Regulations or Requirements Relating to the Public health, Safety, or Environment under the Federal Clean Air Act

On behalf of Arkansas Office of the Attorney General

Before the Arkansas Public Service Commission

Docket No. 15-015-U

In the Matter of the Application of Entergy Arkansas, Inc. for Approval of Changes in Rates for Retail Electric Service

On behalf of Arkansas Office of the Attorney General

Before the Arkansas Public Service Commission

Docket No. 15-098-U

In the Matter of the Application of CenterPoint Energy Resources Corp., D/B/A CenterPoint Energy Arkansas Gas, for a General Change or Modification in its Rates, Charges and Tariffs

On behalf of Arkansas Office of the Attorney General

Before the Arkansas Public Service Commission**Docket No. 16-052-U**

In the Matter of the Application of Oklahoma Gas and Electric Company for Approval of a General Change in Rates, Charges and Tariffs

On behalf of Arkansas Office of the Attorney General

Before the New Mexico Public Regulation Commission**Case No. 15-00261-UT**

In the Matter of the Application of Public Service Company of New Mexico for Revision of its Retail Electric Rates Pursuant to Advice Notice No. 513,

On behalf of the City of Albuquerque and Bernalillo County

Before the New Mexico Public Regulation Commission**Case No. 16-00276-UT**

In the Matter of the Application of Public Service Company of New Mexico for Revision of its Retail Electric Rates Pursuant to Advice Notice No. 533,

On behalf of the City of Albuquerque

Before the State Corporation of the State of Kansas**Docket No. 15-TKOG-236-COM**

In the Matter of the Complaint Against of Texas-Kansas-Oklahoma Gas, LLC, (Respondent) for an Order for Adjustment and Refund of Unfair, Unreasonable and Unjust rates for the Sale of Natural Gas for Irrigation based on Inaccurate and/or false pressure base measurements. By Circle H. Farms, LLC, Richard L. Hanson, Rome Farms and Stegman Farms Partnership (Complainants)

On behalf of Texas-Kansas-Oklahoma Gas, LLC, (Respondent)

Before the Hawaii Public Utility Commission**Docket No. 2019-0117**

Application for Approval of a General Rate Increase and Certain Tariff Changes

On behalf of Young Brothers, LLC

Before the California Public Utilities Commission**Consolidated Docket**

Joint Application of AT&T Communications of California, Inc. (U 5002 C) and WorldCom, Inc. for the Commission to Reexamine the Recurring Costs and Prices of Unbundled Switching in Its First Annual Review of Unbundled Network Element Costs Pursuant to Ordering Paragraph 11 of D.99-11-050

On behalf of ATT and MCI

Before the Public Utilities Commission of the State of Colorado**Docket No. 10A-350T**

Joint Application of Qwest Communications International, Inc. and CenturyLink, Inc. for Approval of Indirect Transfer of Control of Qwest Corporation, et al.

On behalf of Integra Telecom, Level 3 Communications, PAETEC Business Services, Cbeyond

Communications, and Covad Communications Company

Before the Public Utilities Commission of the State of Colorado

Docket No. 08F-259T

Qwest Communications Company, LLC, (Complainant), v. MCIMetro, XO Communications Services, Time Warner Telecom, Granite Telecommunications, Eschelon Telecom, Arizona DialTone, CAN Communications, Bullseye Telecom, Inc., ComTel Telecom Assets, LP, Earnest Communications, Inc., Level3 Communications, LLC, and Liberty Bell Telecom, LLC. (Respondents)

On behalf of Eschelon Telecom, XO Communications Services, Granite Telecommunications, and ACN Communication Services

Before the Public Utilities Commission of the State of Colorado

Docket No. 07A-211T

In the Matter of Qwest Corporation's Application, Pursuant to Decision Nos. C06-1280 and C07-0423, Requesting that the Commission Consider Testimony and Evidence to Set Costing and Pricing of Certain Network Elements Qwest Is Required to Provide Pursuant to 47 U.S.C. §§ 251(B) and (C)

On Behalf of CBeyond Communications, Comcast Phone of Colorado, Covad Communications Company, Integra Telecom, PAETEC Business Services, XO Communications Services

Before the Connecticut Department of Public Utility Control

Docket No. 02-05-17

DPUC Investigation of Intrastate Carrier Access Charges

On behalf of AT&T and MCI

Before the Connecticut Department of Public Utility Control

Docket Nos. 09-04-21, 08-12-04

DPUC Investigation into the Southern New England Telephone Company's Cost of Service Re: Reciprocal Compensation and Transit Services

On Behalf of the Connecticut Department of Utility Control

Before the Delaware Public Service Commission

PSC Docket No. 00-025

Petition of Focal Communications Corporation of Pennsylvania For Arbitration Pursuant to Section 252(b) of the Telecommunications Act of 1996 to Establish an Interconnection Agreement with Bell Atlantic – Delaware, Inc.

On behalf of Focal Communications Corporation of Pennsylvania

Public Service Commission of the District of Columbia

Formal Case No. 1040

In the Matter of the Investigation into Verizon Washington, D.C. Inc.'s Universal Emergency Number 911 Services Rates in the District of Columbia

Advisor to the Public Service Commission of the District of Columbia

Before the Florida Public Utilities Commission**Docket No. 990649B-TP***Investigation into Pricing of Unbundled Network Elements*

On behalf of AT&T Communications of the Southern States, MCImetro Access Transmission Services, MCI WorldCom Communications, and Florida Digital Network

Before the Florida Public Utilities Commission**Docket No. 030829-TP***In the Matter of Complaint of FDN Communications for Resolution of Certain Billing Disputes and Enforcement of UNE Orders and Interconnection Agreements with BellSouth Telecommunications, Inc.*

On behalf of Florida Digital Network d/b/a FDN Communications

Before the Georgia Public Service Commission**Docket No. 6352-U***AT&T Petition for the Commission to Establish Resale Rules, Rates and terms and Conditions and the Initial Unbundling of Services*

On behalf of MCI Telecommunications Corporation

Before the Illinois Commerce Commission**Docket No. 94-0048***Adoption of Rules on Line-Side Interconnection and Reciprocal Interconnection*

On behalf of Teleport Communications Group, Inc.

Before the Illinois Commerce Commission**Docket No. 94-0096***Proposed Introduction of a Trial of Ameritech's Customer First Plan in Illinois*

On behalf of Teleport Communications Group, Inc.

Before the Illinois Commerce Commission**Docket No. 94-0117***Addendum to Proposed Introduction of a Trial of Ameritech's Customer First Plan in Illinois*

On behalf of Teleport Communications Group, Inc.

Before the Illinois Commerce Commission**Docket No. 94-0146***AT&T's Petition for an Investigation and Order Establishing Conditions Necessary to Permit Effective Exchange Competition to the Extent Feasible in Areas Served by Illinois Bell Telephone Company*

On behalf of Teleport Communications Group, Inc.

Before the Illinois Commerce Commission**Docket No. 95-0315***Proposed Reclassification of Bands B and C Business Usage and Business Operator*

Assistance/Credit Surcharges to Competitive Status
On behalf of MCI Telecommunications Corporation

Before the Illinois Commerce Commission

Docket 94-480

Investigation Into Amending the Physical Collocation Requirements of 83 Ill. Adm. Code 790
On behalf of MCI Telecommunications Corporation

Before the Illinois Commerce Commission

Docket No. 95-0458

Petition for a Total Local Exchange Wholesale Tariff from Illinois Bell Telephone Company d/b/a Ameritech Illinois and Central Telephone Company Pursuant to Section 13-505.5 of the Illinois Public Utilities Act
On behalf of MCI Telecommunications Corporation

Before the Illinois Commerce Commission

Docket No. 95-0296

Citation to Investigate Illinois Bell Telephone Company's Rates, Rules and regulations For its Unbundled Network Component Elements, Local Transport Facilities, and End office Integration Services
On behalf of MCI Telecommunications Corporation

Before the Illinois Commerce Commission

Docket No. 96-AB-006

In the Matter of MCI Telecommunications Corporation Petition for Arbitration Pursuant to Section 252(b) of the Telecommunications Act of 1996 to Establish and Interconnection Agreement with Illinois Bell Telephone Company d/b/a Ameritech Illinois
On behalf of MCI Telecommunications Corporation

Before the Illinois Commerce Commission

Docket No. 96-AB-007

In the Matter of MCI Telecommunications Corporation Petition for Arbitration Pursuant to Section 252(b) of the Telecommunications Act of 1996 to Establish and Interconnection Agreement with Central Telephone Company of Illinois
On behalf of MCI Telecommunications Corporation

Before the Illinois Commerce Commission

Docket No. 96-0486

Investigation into forward looking cost studies and rates of Ameritech Illinois for interconnection, network elements, transport and termination of traffic
On behalf of MCI Telecommunications Corporation

Before the Illinois Commerce Commission

Docket No. 98-0396

Phase II of Ameritech Illinois TELRIC proceeding

On behalf of MCIWorldCom

Before the Illinois Commerce Commission

Docket No. 00-0700

Illinois Commerce Commission On its Motion vs Illinois Bell Telephone Company Investigation into Tariff Providing Unbundled Local Switching with Shared Transport

On behalf of AT&T Communications of Illinois, Inc., and WorldCom, Inc.

Before the Illinois Commerce Commission

Docket No. 02-0864

In the Matter of: Illinois Bell Telephone Company, Filing to Increase Unbundled Loop and Nonrecurring Rates (Tariffs Filed December 24, 2002)

On Behalf of WorldCom, Inc., McLeodUSA Telecommunications Services, Inc., Covad Communications Company, TDS Metrocom, Allegiance Telecom of Illinois, RCN Telecom Services of Illinois, Globalcom, Z-Tel Communications, XO Illinois, Forte Communications, and CIMCO Communications

Before the Indiana Regulatory Commission

Cause No. 39948

In the matter of the Petition of MCI Telecommunications Corporation for the Commission to Modify its Existing Certificate of Public Convenience and Necessity and to Authorize the Petitioner to Provide certain Centrex-like Intra-Exchange Services in the Indianapolis LATA Pursuant to I.C. 8-1-2-88, and to Decline the Exercise in Part of its Jurisdiction over Petitioner's Provision of such Service, Pursuant to I.C. 8-1-2.6

On behalf of MCI Telecommunications Corporation

Before the Indiana Regulatory Commission

Cause No. 40178

In the matter of the Petition of Indiana Bell Telephone company, Inc. For Authorization to Apply a Customer Specific Offering Tariff to Provide the Business Exchange Services Portion of Centrex and PBX Trunking Services and for the Commission to Decline to Exercise in Part Jurisdiction over the Petitioner's Provision of such Services, Pursuant to I.C. 8-1-2.6

On behalf of MCI Telecommunications Corporation

Before the Indiana Regulatory Commission

Cause No. 40603-INT-01

MCI Telecommunications Corporation Petition for Arbitration Pursuant to Section 252(b) of the Telecommunications Act of 1996 to Establish and Interconnection Agreement with Indiana Bell Telephone Company d/b/a Ameritech Indiana

On behalf of MCI Telecommunications Corporation

Before the Indiana Regulatory Commission

Cause No. 40611

In the matter of the Commission Investigation and Generic Proceeding on Ameritech Indiana's Rates for Interconnection Service, Unbundled Elements and Transport and Termination under the

Telecommunications Act of 1996 and Related Indiana Statutes
On behalf of MCI Telecommunications Corporation

Before the Indiana Regulatory Commission
Cause No. 40618

In the Matter of the Commission Investigation and Generic Proceeding on GTE's Rates for Interconnection, Service, Unbundled Elements, and Transport under the FTA 96 and related Indiana Statutes
On behalf of MCI Telecommunication Corporation

Before the Indiana Regulatory Commission
Cause No. 40611-S1

In the matter of the Commission Investigation and Generic proceeding on the Ameritech Indiana's rates for Interconnection, Unbundled Elements, and Transport and Termination Under the Telecommunications Act of 1996 and Related Indiana Statutes
On behalf of WorldCom, Inc., AT&T Communications of Indiana

Before the Indiana Utility Regulatory Commission
Cause No. 42393

In the Matter of the Commission Investigation and Generic Proceeding of Rates and Unbundled Network Elements and Collocation for Indiana Bell d/b/a SBC Indiana Pursuant to the Telecommunications Act of 1996 and Related Indiana Statutes
On Behalf of WorldCom, McLeodUSA Telecommunications Services, Covad Communications Company, Z-Tel Communications

Before the Iowa Utilities Board
Docket No. SPU-2010-0006

In RE: Qwest Communications International, Inc. and CenturyTel, Inc.
On behalf of PAETEC Business Services

Before the Iowa Utilities Board
Docket No: RPU-00-01

IN RE: US West Communications, Inc.
On behalf of McLeodUSA Telecommunications Services

Before the State of Maine Public Utilities Commission
Dockets Nos. 2007-611, 2008-214 through 2008-218, 2009-41-44.

CRC Communications of Maine, Inc., Investigation Pursuant to 47 U.S.C. §251(f)(1) Regarding CRC Communications of Maine's Request of Lincolnville, Telephone Company, UniTel, Inc., Oxford Telephone Company, Oxford West Telephone Company, Tidewater Telecom, Inc.
On behalf of CRC Communications and Time Warner Cable

Before the Maryland Public Utilities Commission
Case No. 8988

In the matter, The Implementation of the Federal Communications Commission's Triennial Review

Order

On behalf of Cavalier Telephone

Before the Massachusetts Department of Energy and Transportation

D.P.U. 96-83

NYNEX/MCI Arbitration

On behalf of MCI Telecommunications Corporation

Before the Massachusetts Department of Energy and Transportation

Docket 01-20

Investigation into Pricing based on TELRIC for Unbundled Network Elements and Combinations of Unbundled Networks Elements and the Appropriate Avoided Cost Discount for Verizon New England, Inc. d/b/a Verizon Massachusetts' Resale Services

On behalf of Allegiance, Network Plus, El Paso Networks, and Covad Communications Company

Before the Massachusetts Department of Energy and Transportation

Docket 01-03

Investigation by the Department of Telecommunications and Energy on its own Motion into the Appropriate Regulatory Plan to succeed Price Cap Regulation for Verizon New England, Inc. d/b/a Verizon Massachusetts' intrastate retail telecommunications services in the Commonwealth of Massachusetts

On behalf of Network Plus

Before the Massachusetts Department of Telecommunications and Energy

D.T.E. 03-60

Proceeding by the Department on its own Motion to Implement the Requirements of the Federal Communications Commission's Triennial Review Order Regarding Switching for Mass market Customers

On behalf of Conversent Communications of Massachusetts

Before the Massachusetts Department of Telecommunications and Cable

D.T.E. 06-61

Investigation by the department on its own Motion as to the Propriety of the rates and Charges Set Forth in the following tariff: M.D.T.E. No. 14, filed with the Department on June 16, 2006, to become Effective July 16, 2006, by Verizon New England, Inc. d/b/a Verizon Massachusetts

On behalf of Broadview networks, DSCI Corporation, InfoHighway Communications, Metropolitan Telecommunications of Massachusetts a/k/a MetTel, New Horizon Communications, and One Communications

Before the Massachusetts Department of Telecommunications and Cable

D.T.E. 07-9

Department Investigation into the Intrastate Access Rates of Competitive Local Exchange Carriers

On behalf of One Communications, PAETEC Communications, RNK Communications, and XO Communications Services

Before the Massachusetts Department of Telecommunications and Cable**D.T.E. 10-2**

Petition of Choice One Communications of Massachusetts Inc., Conversent Communications of Massachusetts Inc., CTC Communications Corp. and Lightship Telecom LLC For Exemption from Price Cap on Intrastate Switched Access Rates as Established in D.T.C. 07-9

On behalf of One Communications

Before the Michigan Public Service Commission**Case No. U-10647**

In the Matter of the Application of City Signal, Inc. for an Order Establishing and Approving Interconnection Arrangements with Michigan Bell Telephone Company

On behalf of Teleport Communications Group, Inc.

Before the Michigan Public Service Commission**Case No. U-10860**

In the Matter, on the Commission's Own Motion, to Establish Permanent Interconnection Arrangements Between Basic Local Exchange Providers

On behalf of MCI Telecommunications Corporation

Before the Michigan Public Service Commission**Case No. U-11280**

In the Matter, on the Commission's Own Motion, to consider the total service long run incremental costs and to determine the prices for unbundled network elements, interconnection services, resold services, and basic local exchange services for Ameritech Michigan

On behalf of MCI Telecommunications Corporation

Before the Michigan Public Service Commission**Case No. U-11366**

In the matter of the application under Section 310(2) and 204, and the complaint under Section 205(2) and 203, of MCI Telecommunications Corporation against Ameritech requesting a reduction in intrastate switched access charges

On behalf of MCI Telecommunications Corporation

Before the Michigan Public Service Commission**Case No. U-13531**

In the matter, on the Commission's own motion, to review the costs of telecommunications services provided by SBC Michigan

On behalf of AT&T, Worldcom, McLeodUSA, and TDS Metrocom

Before the Michigan Public Service Commission**Case No. U-11831**

In the Matter of the Commission's own motion, to consider the total service long run incremental costs for all access, toll, and local exchange services provided by Ameritech Michigan

On behalf of MCIWorldCom, Inc.

Before the Michigan Public Service Commission**Case No. U-11830**

In the matter of Ameritech Michigan's Submission on Performance Measures, Reporting, and Benchmarks, Pursuant to the October 2, 1998 Order in Case No. U-11654

On behalf of Covad Communications, McLeodUSA Telecommunications Services, LDMI Telecommunications, Talk America, and XO Communications Services

Before the Michigan Public Service Commission**MPSC Case No. U-14952**

In the matter of the formal complaint of TDS Metrocom, LLC, LDMI, Telecommunications, Inc and XO Communications Services, Inc against Michigan Bell Telephone Company, d/b/a AT&T Michigan, or in the alternative, an application

On behalf of TDS Metrocom, LDMI Telecommunications, and XO Communications Services

Before the Minnesota Public Utilities Commission**Docket No. P-421, et al./PA-10-456**

In the Matter of the Joint Petition for Approval of Indirect Transfer of Control of Qwest Operating Companies to CenturyLink

On behalf of Cbeyond Communications, Charter FiberLink, Integra Telecom, Level 3 Communications, PAETEC Business Services, TDS Metrocom, Orbitcom and POPP.com

Before the Minnesota Public Utilities Commission**PUC Docket No. P-442, 421, 3012 /M-01-1916**

In Re Commission Investigation Of Qwest's Pricing Of Certain Unbundled Network Elements

On behalf of Otter Tail Telecom, Val-Ed Joint Venture d/b/a 702 Communications, McLeodUSA Telecommunications, Eschelon Telecom, and USLink

Before the Minnesota Public Utilities Commission**PUC Docket No. P-421/AM-06-713****OAH Docket No. 3-2500-17511-2**

In the Matter of Qwest Corporation's Application for Commission Review of TELRIC rates Pursuant to 47 U.S.C. § 251

On behalf of Integra Telecom of Minnesota, McLeodUSA Telecommunications Services, POPP.com, Covad Communications Company, TDS Metrocom, and XO Communications

Before the Minnesota Public Utilities Commission**PUC Docket #P-421/CI-05-1996****OAH Docket No. 12-2500-17246-2**

In the Matter of a Potential Proceeding to Investigate the Wholesale Rate Charged by Qwest

On behalf of Integra Telecom, McLeodUSA Telecommunications Services, POPP.com, Covad Communications Company, TDS Metrocom, and XO Communications

Before the Montana Public Service Commission

Docket No. D2010.5.55

In the Matter of Joint Application of Qwest Communications International, Inc. and CenturyLink, Inc., for Approval of Indirect Transfer of Control of Qwest Corporation, Qwest Communications Company, LLC, and Qwest LD Corp.

On behalf of Integra Telecom

Before the New Jersey Board of Public Utilities

Petition of Focal Communications Corporation of New Jersey For Arbitration Pursuant to Section 252(b) of the Telecommunications Act of 1996 to Establish an Interconnection Agreement with Bell Atlantic

On behalf of Focal Communications Corporation of New Jersey

Before the New Jersey Board of Public Utilities

Docket No. TO00060356

I/M/O the Board's Review of Unbundled Network Elements Rates, Terms and Conditions of Bell Atlantic-New Jersey, Inc.

On behalf of WorldCom, Inc.

Before the New Jersey Board of Public Utilities

Docket No. TO03090705

In The Matter, The Implementation Of the Federal Communications Commission's Triennial Review Order

On behalf of Conversent Communications of New Jersey

Before the New Jersey Board of Public Utilities

Docket No. TX08090830

In the Matter of the Board's Investigation and review of Local Exchange Carrier Intrastate Access Rates

On behalf of One Communications, PAETEC Communications, US LEC of Pennsylvania, Level3 Communications, and XO Communications Services

Before the New Mexico Public Regulation Commission

Case No. 11-00340-UT

In the Matter of the Petition of Qwest Corporation d/b/a CenturyLink QC For a Determination That Telecommunications Services Are Subject to Effective Competition in New Mexico

On behalf of the United States Department of Defense and all Other Federal Executive Agencies

Before the New Mexico Public Regulation Commission

Case No. 11-00305-UT

In the Matter of the Joint Petition for Determination of MCI Communications Services, Inc. d/b/a Verizon Business Services, et al. to Eliminate Certain Filing Requirements

On behalf of the United States Department of Defense and all Other Federal Executive Agencies

Before The New Mexico Public Regulation Commission

Case No. 96-307-TC

Brooks Fiber Communications of New Mexico, Inc. Petition for Arbitration

On behalf of Brooks Fiber Communications of New Mexico, Inc.

Before The New Mexico Public Regulation Commission

Case No. 3495, Phase B

In the matter of the consideration of costing and pricing rules for OSS, collocation, shared transport, non-recurring charges, spot frames, combination of network elements and switching.

On behalf of the Commission Staff

Before the New York Public Service Commission

Case Nos. 95-C-0657, 94-C-0095, 91-C-1174

Commission Investigation into Resale, Universal Service and Link and Port Pricing

On behalf of MCI Telecommunications Corporation

Before the New York Public Service Commission

Case 99-C-0529

In the Matter of Proceeding on Motion of the Commission To Reexamine Reciprocal Compensation

On behalf Of Cablevision LightPath, Inc.

Before the New York Public Service Commission

Case 98-C-1357

Proceeding on the Motion of the Commission to Examine New York Telephone Company's Rates for Unbundled Network Elements

On behalf of Corecomm New York, Inc.

Before the New York Public Service Commission

Case 98-C-1357

Proceeding on Motion of the Commission to Examine New York Telephone Company's Rates for Unbundled Network Elements

On behalf of MCIWorldCom

Before the State Of New York Public Service Commission

Case 02-C-1425

In The Matter, Proceeding on Motion of the Commission to Examine the Processes, and Related Costs of Performing Loop Migrations on a More Streamlined (e.g., Bulk) Basic

On behalf of Conversent Communications of New York, LLC

Before the Public Utilities Commission of Ohio

Case No. 96-888-TP-ARB

In the Matter of MCI Telecommunications Corporation Petition for Arbitration Pursuant to Section 252(b) of the Telecommunications Act of 1996 to Establish and Interconnection Agreement with Ameritech Ohio

On behalf of MCI Telecommunications Corporation

Before the Public Utilities Commission of Ohio

Case No. 96-922-TP-UNC.

In the Matter of the Review of Ameritech Ohio's Economic Costs for Interconnection, Unbundled Network Elements, and Reciprocal Compensation for Transport and Termination of Local Telecommunications Traffic

On behalf of MCI Telecommunications Corporation

Before the Public Utilities Commission of Ohio

Case No. 00-1368-TP-ATA

In the Matter of the Review of Ameritech Ohio's Economic Costs for Interconnection, Unbundled Network Elements, and Reciprocal Compensation for Transport and Termination of Local Telecommunications Traffic. Case No. 96-922-TP-UNC and In the Matter of the Application of Ameritech Ohio for Approval of Carrier to Carrier Tariff

On behalf of MCIWorldCom and AT&T of the Central Region

Before the Public Utilities Commission of Ohio

Case No. 97-152-TP-ARB

In the Matter of the Petition of MCI Telecommunications Corporation for Arbitration Pursuant to Section 252(b) of the Telecommunications Act of 1996 to Establish an Interconnection Agreement with Cincinnati Bell Telephone Company

On behalf of the MCI Telecommunications Corporation

Before the Public Utility Commission of Ohio

Case No. 02-1280-TP-UNC

In the Matter of the Review of SBC Ohio's TELRIC Costs for Unbundled Network Elements

On Behalf of MCImetro Access Transmission Services, McLeodUSA Telecommunications Services, Covad Communications Company, XO Communications, and NuVox Communications

Before the Public Utility Commission of Ohio

Case No. 08-45-TP-ARB

In the Matter of the Petition of Communication Options, Inc. for Arbitration of Interconnection Rates, Terms and Conditions and Related Arrangements with United Telephone Company of Ohio d/b/a Embarq Pursuant to Section 252(b) of the Telecommunications Act of 1996

On behalf of Communications Options, Inc.

Before the Oregon Public Utility Commission

Docket UM 1484

In the Matter of CenturyLink, Inc. Application for Approval of Merger between CenturyTel, Inc. and Qwest Communications International, Inc.

On behalf of Covad Communications Company, Charter FiberLink, Integra Telecom, Level 3 Communications and tw telecom

Before the Pennsylvania Public Utility Commission

Docket No. I-00940035

In Re: Formal Investigation to Examine Updated Universal Service Principles and Policies for telecommunications Services in the Commonwealth Interlocutory order, Initiation of Oral Hearing Phase

On behalf of MCI Telecommunications Corporation

Before the Pennsylvania Public Utility Commission

Docket No. M-0001352

Structural Separation of Verizon

On behalf of MCI WorldCom

Before the Puerto Rico Telecommunications Regulatory Board

Docket No. 97-0034-AR

Petition for Arbitration Pursuant to 47 U.S.C. & (b) and the Puerto Rico Telecommunications Act of 1996, regarding Interconnection Rates Terms and Conditions with Puerto Rico Telephone Company

On behalf of Cellular Communications of Puerto Rico, Inc.

Before the Public Service Commission of South Carolina

Dockets Nos. 2008-325-C, 2008-326-C, 2008-327-C, 2008-328-C, and 2008-329-C

In Re: Docket No. 2008-325-C - Application of Time Warner Cable Information Services (South Carolina), LLC d/b/a Time Warner Cable to Amend its Certificate of Public Convenience and Necessity to Provide Telephone Services in the Service Area of Farmers Telephone Cooperative, Inc. and for Alternative Regulation

On behalf of Time Warner Cable

Before the Public Utility Commission of South Dakota

Docket TC07-117

In the Matter of the Petition of Midcontinent Communications for the Approval of its Intrastate Switched Access Tariff and for an Exemption from Developing Company-Specific Cost-Based Switched Access Rates

On Behalf of Midcontinent Communications, Inc.

Before the State of Rhode Island and Providence Plantations Public Utilities Commission

Docket No. 2252

Comprehensive Review of Intrastate Telecommunications Competition

On behalf of MCI Telecommunications Corporation

Before the State of Rhode Island and Providence Plantations Public Utilities Commission

Docket Nos. 3550 and 2861

In The Matter, Implementation of the Requirements of the FCC's Triennial Review Order ("TRO")

On behalf of Conversent Communications of Rhode Island, LLC

Before the Tennessee Public Service Commission

Docket No. 96-00067

Avoidable Costs of Providing Bundled Services for Resale by Local Exchange Telephone Companies

On behalf of MCI Telecommunications Corporation

Before the Public Utility Commission of Texas**Docket No. 7790**

Petition of the General Counsel for an Evidentiary Proceeding to Determine Market Dominance
On behalf of the Public Utility Commission of Texas

Before the Public Utility Commission of Texas**Docket No. 8665**

Application of Southwestern Bell Telephone Company for Revisions to the Customer Specific Pricing Plan Tariff
On behalf of the Public Utility Commission of Texas

Before the Public Utility Commission of Texas**Docket No. 8478**

Application of Southwestern Bell Telephone Company to Amend its Existing Customer Specific Pricing Plan Tariff: As it Relates to Local Exchange Access through Integrated Voice/Data Multiplexers
On behalf of the Public Utility Commission of Texas

Before the Public Utility Commission of Texas**Docket No. 8672**

Application of Southwestern Bell Telephone Company to Provide Custom Service to Specific Customers
On behalf of the Public Utility Commission of Texas

Before the Public Utility Commission of Texas**Docket No. 8585**

Inquiry of the General Counsel into the Reasonableness of the Rates and Services of Southwestern Bell Telephone Company
On behalf of the Public Utility Commission of Texas

Before the Public Utility Commission of Texas**Docket No. 9301**

Southwestern Bell Telephone Company Application to Declare the Service Market for CO LAN Service to be Subject to Significant Competition
On behalf of the Public Utility Commission of Texas

Before the Public Utility Commission of Texas**Docket No. 10382**

Petition of Southwestern Bell Telephone Company for Authority to Change Rates
On behalf of the Public Utility Commission of Texas

Before the Public Utility Commission of Texas**Docket No. 14658**

Application of Southwestern Bell Telephone Company, GTE Southwest, Inc., and Contel of Texas, Inc. For Approval of Flat-rated Local Exchange Resale Tariffs Pursuant to PURA 1995 Section 3.2532

On behalf of the Office of Public Utility Counsel of Texas

Before the Public Utility Commission of Texas

Docket No. 14658

Application of Southwestern Bell Telephone Company, GTE Southwest, Inc., and Contel of Texas, Inc. For Interim Number Portability Pursuant to Section 3.455 of the Public Utility Regulatory Act

On behalf of the Office of Public Utility Counsel of Texas

Before the Public Utility Commission of Texas

Docket Nos. 16226 and 16285

Application of AT&T Communications for Compulsory Arbitration to Establish an Interconnection Agreement Between AT&T and Southwestern Bell Telephone Company, and Petition of MCI for Arbitration under the FTA96

On behalf of AT&T and MCI

Before the Public Utility Commission of Texas

Docket No. 21982

Proceeding to examine reciprocal compensation pursuant to section 252 of the Federal Telecommunications of 1996

On behalf of Taylor Communications

Before the Public Utility Commission of Texas

Docket No. 25834

Proceeding on Cost Issues Severed from PUC Docket 24542

On behalf of AT&T and MCIMetro

Before the Public Utility Commission of Texas

PUC Docket No. 31831

Staff's Petition to Determine whether Markets of Incumbent Local Exchange Carriers (ILECs) Should Remain Regulated

On behalf of the Office of Public Utility Counsel of Texas

Before the Public Utility Commission of Texas

PUC Docket No. 34723

Petition for Review of Monthly Per-Line Support Amounts from the Texas High Cost Universal Service Plan Pursuant to PURA § 56.031 and P.U.C. Subst. R. 26.403

On behalf of the Office of Public Utility Counsel of Texas

Before the Public Utility Commission of Texas

Docket No. 33323

Petition of UTEX Communications Corporation for Post-Interconnection Dispute resolution with AT&T Texas and petition of AT&T Texas for Post Interconnection Dispute Resolution with UTEX Communications Corporation

On behalf of UTEX Communications Corporation

Before the Public Utility Commission of Texas

SOAH Docket No. 473-07-1365

PUC Docket No. 33545

Application of McLeodUSA Telecommunications Services, Inc. for Approval of Intrastate Switched Access rates Pursuant to PURA Section 52.155 and PUC Subst. R. 26.223

On behalf of McLeodUSA Telecommunications Services

Before the Utah Public Service Commission

Docket No. 10-049-16

Joint Application of Qwest Communications International, Inc. and CenturyTel, Inc. for Approval of Indirect Transfer of Control of Qwest Corporation, Qwest Communications Company, LLC and Qwest LD Corporation

On behalf of Integra Telecom, Level 3 Communications, PAETEC Business Services and tw telecom

Before the Utah Public Service Commission

Docket No. 01-049-85

In the Matter of the Determination of the Costs Investigation of the Unbundled Loop of Qwest Corporation, Inc.

On behalf of AT&T and WorldCom

Before the Public Service Commission of Utah

Docket No. 09-049-37

In the Matter of the Complaint of Qwest Corporation against McLeodUSA Telecommunications Services, Inc., d/b/a PAETEC Business Services

On behalf of McLeodUSA Telecommunications Services

Before the Vermont Public Service Board

Docket No. 5713

Investigation into NET's tariff filing re: Open Network Architecture, including the Unbundling of NET's Network, Expanded Interconnection, and Intelligent Networks

On behalf of MCI Telecommunications Corporation

Before the Washington Utilities and Transportation Commission

Docket No. UT-100820

In the matter of Joint Application of Qwest Communications International, Inc. and CenturyTel, Inc. for Approval of Indirect Transfer of Control of Qwest Corporation, Qwest Communications Company LLC, and Qwest LD Corp.

On behalf of Cbeyond Communications, Covad Communications Company, Integra Telecom, Level 3 Communications, PAETEC Business Services and tw telecom

Before the Washington Utilities and Transportation Commission**Docket No. UT-090892***Qwest Corporation (Complainant) v. McLeodUSA Telecommunications Services, Inc., d/b/a PAETEC Business Services (Respondent)*

On Behalf of McLeodUSA Telecommunications Services

Before the Public Service Commission of Wisconsin**Cause No. 05-TI-138***Investigation of the Appropriate Standards to Promote Effective Competition in the Local Exchange Telecommunications Market in Wisconsin*

On behalf of MCI Telecommunications Corporation

Before the Public Service Commission of Wisconsin**Docket 670-TI-120***Matters relating to the satisfaction of conditions for offering interLATA services (Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin)*

On behalf of MCI Telecommunications Corporation

Before the Public Service Commission of Wisconsin**Docket Nos. 6720-MA-104 and 3258-MA-101***In the Matter of MCI Telecommunications Corporation Petition for Arbitration Pursuant to Section 252(b) of the Telecommunications Act of 1996 to Establish an Interconnection Agreement with Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin*

On behalf of MCI Telecommunications Corporation

Before the Public Service Commission of Wisconsin**Docket No. 05-TI-349***Investigation Into The Establishment of Cost-Related Zones For Unbundled Network Elements*

On behalf of AT&T Communications of Wisconsin, McLeodUSA Telecommunications Services, TDS Metrocom, and Time Warner Telecom

Before the Public Service Commission of Wisconsin**Docket No. 6720-TI-161***Investigation into Ameritech Wisconsin's Unbundled Network Elements*

On behalf of AT&T Communications of Wisconsin, WorldCom, Rhythms Links, KMC Telecom, and McLeodUSA Telecommunications Services

AFFIDAVITS AND DECLARATIONS SUBMITTED TO THE FEDERAL COMMUNICATIONS COMMISSION**Before the Federal Communications Commission****File No. EB-04-MD-006**

EarthLink, Inc. (Complainant) v. SBC Communications Inc., SBC Advanced Solutions, Inc. (Defendants)

On behalf of Earthlink, Inc.

Before the Federal Communications Commission

CC Docket No. 04-223

In the Matter of Petition of Qwest Corporation for Forbearance Pursuant to 47 U.S.C. §160(c) in the Omaha Metropolitan Statistical Area

On behalf of McLeodUSA Telecommunications Services

Before the Federal Communications Commission

CC Docket No. 01-92

In the Matter of Developing a Unified Inter-carrier Compensation Regime

On behalf of NuVox Communications

Before the Federal Communications Commission

CC Docket No. 01-92

In the Matter of Developing a Unified Inter-carrier Compensation Regime

On Behalf of Cavalier Telephone, Inc.

Before the Federal Communications Commission

WC Docket No. 05-337 CC Docket No. 96-45 WC Docket No. 03-109 WC Docket No. 06-122 CC Docket No. 99-200 CC Docket No. 96-98 CC Docket No. 01-92 CC Docket No. 99-68 WC Docket No. 04-36

In the Matter of High-Cost Universal Service Support Federal-State Joint Board on Universal Service Lifeline and Link Up Universal Service Contribution Methodology, Numbering Resource Optimization Implementation of the Local Competition Provisions in the Telecommunications Act of 1996, Developing a Unified Inter-carrier Compensation Regime, Inter-carrier Compensation for ISP-Bound Traffic IP-Enabled Services

On behalf of PAETEC

Before the Federal Communications Commission

WC Docket No. 07-97

In the Matter of Petitions of Qwest Corporation for Forbearance Pursuant to 47 U.S.C. § 160(c) in the Denver, Minneapolis-St. Paul, Phoenix, and Seattle Metropolitan Statistical Areas

On behalf of PAETEC

Before the Federal Communications Commission

WC Docket No. 09-223

In the Matter of: Cbeyond, Inc. Petition for Expedited Rulemaking to Require Unbundling of Hybrid, FTTH, and FTTC Loops Network Elements Pursuant to 47 U.S.C. §251(c)(3) of the Act

On behalf of Covad Communications Company

Before the Federal Communications Commission

GN Docket Nos. 09-47, 09-51, 09-137



*Comments Sought on Broadband Study Conducted by the Berkman Center for Internet and Society,
NBP Public Notice #13
On behalf of Covad Communications Company*