

Patrick L. Phipps

Vice President

QSI Consulting, Inc.

3504 Sundance Drive

Springfield, IL 62704

(217) 726-7334 office

(217) 622-8102 mobile

phipps@qsiconsulting.com



Biography

Mr. Phipps has over 22 years of experience in the telecommunications industry. He currently serves as Vice President and Partner of QSI Consulting, Inc. Mr. Phipps provides expert/technical consulting services to QSI's clients, including: litigation and regulatory support, expert testimony, economic analysis and modeling, rate analysis, negotiation and arbitration assistance, witness training, case and discovery management, tariff management, and regulatory compliance. He has testified on telecommunications matters on numerous occasions before state regulatory commissions and in Federal district court, has co-authored expert reports filed in proceedings before the Federal Communications Commission and Canadian Radio-Television Telecommunications Commission, and has assisted other QSI consultants and client witnesses prepare expert testimony for dozens of regulatory and court proceedings across the United States and Puerto Rico. He has also participated in numerous mediations and arbitrations.

Mr. Phipps has advised a wide variety of telecommunications industry stakeholders, including nationwide telecommunications firms, state regulatory commissions, consumer advocate organizations, state attorneys general, and the U.S. General Services Administration and U.S. Department of Defense. Mr. Phipps also founded and managed a telecommunications service provider, 3L Communications, and was responsible for management of the company, including: network monitoring, billing, and regulatory/revenue reporting.

Mr. Phipps began his career at the Illinois Commerce Commission, where he served as a Rate Analyst in the Telecommunications Division and as a Policy Advisor to a Commissioner. In these roles, he provided expert testimony on telecommunications costs and rates, mergers and acquisitions, alternative regulation, and intercarrier compensation, as well as provided expert advice and analysis on policy and procedural matters related to the regulation of public utilities.

Educational Background

Master of Arts, Economics (University of Illinois) 1997-1999

Bachelor of Science, Economics *Cum Laude* (Illinois College) 1993-1997

Professional Experience

QSI Consulting, Inc.

2009 – Current: Vice President/Partner
2005 – 2009: Senior Consultant
2003 – 2005: Consultant

3L Communications Missouri, LLC

2012-2015: Founder/Member/Manager

Illinois Commerce Commission

2000 – 2003: Policy Advisor to Commissioner
1999 – 2000: Rate Analyst – Telecom Division
1997 – 1999: Rate/Tariff Analyst – Graduate Public Service Intern

Expert Testimony – Profile

The information below is Mr. Phipps' best effort to identify all proceedings wherein he has either provided pre-filed written testimony, an expert report or provided live testimony. This information does not include expert testimony, expert reports and declarations Mr. Phipps has authored for and submitted by other QSI consultants under the supervision of those consultants.

Before the Illinois Commerce Commission

ICC Docket No. 99-0593

Illinois Commerce Commission vs. Illinois Bell Telephone Company, Investigation of Construction Charges (“Ameritech Special Construction Charge Investigation”)
On behalf of Staff of the Illinois Commerce Commission

Before the Illinois Commerce Commission

ICC Docket No. 99-0536

Biennial Review of Code Part 792 (“Imputation”) Rules
On behalf of Staff of the Illinois Commerce Commission

Before the Illinois Commerce Commission

ICC Docket No. 99-0535

Biennial Review of Code Part 791 (“Cost of Service”) Administrative Rules
On behalf of Staff of the Illinois Commerce Commission

Before the Illinois Commerce Commission

ICC Docket No. 99-0525

McLeodUSA Telecommunications Services, Inc. and Ovation Communications, Inc. vs. Ameritech Illinois, Complaint under Section 13-514 and 13-515 of the Public Utilities Act Concerning the Imposition of Special Construction Charges and Seeking Emergency Relief Pursuant to Section 13-515(e) (“McLeodUSA Special Construction Charge Complaint”)
On behalf of Staff of the Illinois Commerce Commission

Before the Illinois Commerce Commission

ICC Docket No. 99-0237

Global Crossing LTD and Frontier Corporation, et al. Joint Application of Frontier Communications of Illinois, Inc., et al. and in Accordance with Section 7-204 of the Public Utilities Act and for All Other Appropriate Relief (“Global Crossing/Frontier Merger”)

On behalf of Staff of the Illinois Commerce Commission

Before the Illinois Commerce Commission

ICC Docket No. 99-0185

In the Matter of Ameritech Illinois Annual Rate Filing for Non-Competitive Services Under an Alternative Form of Regulation (“Ameritech Annual Alternative Regulation Filing”)

On behalf of Staff of the Illinois Commerce Commission

Before the Illinois Commerce Commission

ICC Docket No. 98-0866

In the Matter of the Joint Application of Bell Atlantic Corporation and GTE Corporation for Consent and Approval of a Change of Control (“GTE/Bell Atlantic Merger”)

On behalf of Staff of the Illinois Commerce Commission

Before the Illinois Commerce Commission

ICC Docket No. 98-0860

Illinois Commerce Commission, on Its Own Motion, vs. Illinois Bell Telephone Company, Investigations into Specified Competitive Tariffs to Determine Proper Classification of the Tariffs and to Determine Whether Refunds Are Appropriate (“Ameritech Competitive Reclassification”)

On behalf of Staff of the Illinois Commerce Commission

Before the Illinois Commerce Commission

ICC Docket No. 98-0396

Illinois Commerce Commission, Investigation into the Compliance of Illinois Bell Telephone Company with the Order in Docket 96-0486/0569 Consolidated Regarding the Filing of Tariffs and the Accompanying Cost Studies for Interconnection, Unbundled Network Elements, and Local Transport and Termination and Regarding End to End Bundling Issues (“Ameritech TELRIC Compliance”)

On behalf of Staff of the Illinois Commerce Commission

Before the Michigan Public Service Commission

MPSC Case No. U-13531

In the matter, on the Commission’s Own Motion To Review the Costs of Telecommunications Services Provided by SBC Michigan (“SBC Michigan TELRIC Investigation”)

On behalf of TruComm Corporation

Before the North Dakota Public Service Commission

NDPSC Case No. PU-08-58

Midcontinent Communications, a South Dakota Partnership, Complainant vs. BEK Communications Cooperative, Respondent

On behalf of Midcontinent Communications

Selected Reports, Presentations and Publications

“Copper Retirements: Managing the Transition Away from Copper Networks for Federal Government Customers.” *Presentation provided to the USGSA Telecom Working Group.* June 4, 2021 and June 23, 2021.

“Network-as-a-Service (NaaS) Overview and Ordering Guide.” *Guide prepared on behalf of the U.S. General Services Administration.* January 2021.

“SD-WAN Overview and Ordering Guide.” *Guide prepared on behalf of the U.S. General Services Administration.* January 2020.

“Report on SD-WAN Industry Use and Test Cases.” *QSI Report prepared on behalf of the U.S. General Services Administration.* May 21, 2019.

“Modernizing Communications Infrastructure in Federal Buildings: Strategies for Managing Technology Transition for Building Management and Life Safety Applications.” *QSI Report prepared on behalf of the U.S. General Services Administration.* November 2018.

“Federal Interests in Telecom Proceedings, “Telecom Market Update,” and “Local Telecom Service Agreements.” *Presentations on behalf of the U.S. General Services Administration given to the Federal Executive Agencies Telecom Working Group.* February 6-7, 2018.

“Network Services 2025 Strategic Telecommunications Planning & Analysis: Industry Trends and Emerging Technologies and the Potential Impact on Federal Acquisitions.” *QSI Report prepared on behalf of the U.S. General Services Administration.* December 2017.

“Texting with Toll-Free Numbers: Old School Market Failure Plagues a New-Age Market.” *A QSI Consulting Exploratory Paper.* September 2016.

“Local Number Portability: Instructional Package.” *QSI Report prepared on behalf of the U.S. General Services Administration.* June 2016.

“Reliability.” *Presentation on behalf of the Ohio Consumers’ Counsel given to the Ohio Telephone Network Transition Collaborative regarding retail service quality.* May 19, 2016.

“Net Neutrality: How the FCC’s New Rules May Impact Network and the Federal Government’s Acquisition and Use of Internet-Based Services.” *QSI Report prepared on behalf of the U.S. General Services Administration.* April 2015.

Training Course “Cost of Service and Rate Design.” *Presented to the Colorado Public Utilities Commission.* June 24-25, 2013.

“Assessment of the Vermont Universal Service Fund.” *Management audit report on the administration of the Vermont Universal Service Fund, prepared by QSI Consulting on behalf of the Vermont Department of Public Service.* May 2013.

“An Industry in Transition: Regulatory Overview of Pending Petitions Likely to Speed the Telecommunications Industry’s TDM-to-IP Transition and a Preliminary Review of Potential Impacts on Federal Agencies.” *QSI Report prepared on behalf of the U.S. General Services Administration.* March 6, 2013.

“The Ohio Telecom Modernization Act: Examining the Impacts of Telecom Deregulation on Ohio’s Economy and Residential Customers.” *QSI Whitepaper prepared on behalf of the Ohio Consumers’ Counsel.* June 2012.

“Verizon Network Universal – CDRL 106: An Analysis of State and Local Taxes/Surcharges Applied to U.S. Government Invoices.” *QSI Whitepaper prepared on behalf of the U.S. General Services Administration.* December 2011.

Witness Training Course “Witness Training for Experts and Attorneys.” *Presented to the Oregon Public Utility Commission.* November 8-9, 2011.

QSI Expert Report “In-Band Auction Cap: Promoting Sustainable Competition in the Canadian Mobile Wireless Industry Through An Equitable Auction Design.” *Expert Report prepared on behalf of Videotron G.P. and Shaw Communications related to the wireless spectrum auction policy in the 700MHz band. Submitted in support of Comments in Canada Radio-Television Telecommunications Commission Gazette Notice SMSE-018.10.* April 2011.

QSI Final Report to the Connecticut Department of Public Utility Control. Confidential Analysis and Recommendations Related to Docket Nos. 09-04-21/08-12-04 *DPUC Investigation into AT&T Connecticut’s Cost of Service Re: Reciprocal Compensation and Petition of Pocket Communications for Declaratory Ruling Re: Transit Traffic Prices and Transit Traffic Factor.* February 2010.

QSI Final Report to the District of Columbia Public Service Commission. Confidential Analysis and Recommendations Related to Case No. 1040 *In the Matter of the Investigation of Verizon Washington DC, Inc.’s Universal Emergency 911 Service Rates in the District of Columbia.* March 2009.

QSI Technical Report No. 052008A “Exchange Access Rates for Competitive Local Exchange Carriers: A Basis for Economically Rational Pricing Policies.” August 2008.

Report and Conclusions and Recommendations on the Financial Audit of the Columbia Gas of Ohio, Inc. in Regard to Case No. 08-0074-GA-AIR. *Audit Report prepared by Blue Ridge Consulting Services, Inc. (with QSI serving as independent contractors) in relation to Public Utilities Commission of Ohio Case No. 08-0074-GA-AIR In the Matter of the Application of Columbia Gas of Ohio, Inc. for Authority to Amend Filed Tariffs to Increase the Rates and Charges for Gas Distribution Service.* August 2008.

QSI Expert Report “An Analysis of Qwest’s Petition for Forbearance: A Quantification of the Impact of Forbearance.” *Expert Report prepared on behalf of a group of competitive local exchange carriers to quantify the impact of Qwest’s Petitions for Forbearance Pursuant to 47 U.S.C. § 160(c) filed in Federal Communications Commission WC Docket No. 07-97 related to the Denver, Minneapolis-St. Paul, Seattle, and Phoenix Metropolitan Statistical Areas.* April 2008.

Report and Conclusions and Recommendations on the Financial Audit of the East Ohio Gas Company d/b/a Dominion East Ohio in Regard to Case No. 07-0829-GA-AIR. *Audit Report prepared by Blue Ridge Consulting Services, Inc. (with QSI serving as independent contractors) in relation to Public Utilities Commission of Ohio Case No. 07-0829-GA-AIR In the Matter of the Application of The East Ohio Gas Company d/b/a Dominion East Ohio for Authority to Increase Rates for its Gas Distribution Service.* April 2008.

Report of Conclusions and Recommendations on the Financial Audit of Duke Energy Ohio, Inc. in Regard to Case No. 07-0589-GA-AIR. *Audit Report prepared by Blue Ridge Consulting Services, Inc. (with QSI serving as independent contractors) in relation to Public Utilities Commission of Ohio Case No. 07-589-GA-AIR In the Matter of the Application of Duke Energy Ohio, Inc. for an Increase in Gas Rates.* November 2007.

QSI Expert Report “An Analysis of Verizon’s Petition for Forbearance: A Quantification of the Impact of Forbearance.” *Expert Report prepared on behalf of XO Communications to quantify the impact of Verizon’s Petitions for Forbearance Pursuant to 47 U.S.C. § 160(c) filed in Federal Communications Commission WC Docket No. 06-172 related to the Boston, New York, Philadelphia, Pittsburgh, Providence, and Virginia Beach Metropolitan Statistical Areas.* October 2007.

QSI Technical Report No. 052507A “The State of Wireless Technologies in Canada: A Comparison of Wireless Technologies in Canada and the United States of America.” *Expert Report filed in Canada Gazette Notice No. DGTP-002-07 Consultation on a Framework to Auction Spectrum in the 2GHz Range including Advanced Wireless Services, in support of Bell Canada’s Reply Comments (filed June 27, 2007).* On behalf of Bell Canada Enterprises. May 2007.

QSI Expert Report “Verizon’s Access Rate Proposal: An Economic and Policy Evaluation” *Expert Report filed on behalf of Cavalier Telephone LLC, NTELOS Network, Inc. and XO Virginia LLC in Virginia State Corporation Commission Case No. PUC-2006-00154, Application of Verizon Virginia, Inc., Verizon South, Inc. and MCIMetro Access Transmission Services of Virginia, Inc. for Modifications to Rules Governing the Certification and Regulation of Competitive Local Exchange Carriers, 20 VAC 5-417 10 et seq.* February 1, 2007.

QSI Technical Report No. 080205B (Confidential) “Copper Retirement Practices of Regional Bell Operating Companies: Determining the Impact of RBOC Copper Retirement Activities on Competitors’ Access to Copper Loop Facilities.” August 2005.

QSI Technical Report No. 012605A “IP-Enabled Voice Services: Impact of Applying Switched Access Charges to IP-PSTN Voice Services” *Ex Parte filing in FCC dockets WC Dockets No. 04-36 (In the Matter of IP-Enabled Services), 03-266 (In the Matter of Level 3 Communications LLC Petition for Forbearance Under 47 U.S.C. § 160(c) from Enforcement of 47 U.S.C. § 251(g), Rule 51.701(b)(1), and Rule 69.5(b); IP Enabled Services).* Washington DC, January 27, 2005.

QSI Technical Report No. 110104A: The BellSouth Telecommunications Loop Model: A Literature Review. November 1, 2004.

QSI Technical Report No. 052704A: Taxation Impact on Payphone Services in the State of Kentucky: An Economic Suppression Analysis. May 27, 2004.