

**Committee on Energy and Commerce**  
**U.S. House of Representatives**  
Witness Disclosure Requirement - "Truth in Testimony"  
Required by House Rule XI, Clause 2(g)(5)

1. Your Name: Coleman Bazelon		
2. Your Title: Principal		
3. The Entity(ies) You are Representing: The Brattle Group, Inc.		
4. Are you testifying on behalf of the Federal, or a State or local government entity?	Yes	No X
5. Please list any Federal grants or contracts, or contracts or payments originating with a foreign government, that you or the entity(ies) you represent have received on or after January 1, 2015. Only grants, contracts, or payments related to the subject matter of the hearing must be listed.  None		
6. Please attach your curriculum vitae to your completed disclosure form.		

Signature: \_\_\_\_\_



Date: 11/13/17

**Coleman Bazelon**  
Principal

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**Dr. Coleman Bazelon** is a Principal in the Washington, D.C. office of *The Brattle Group*. He is an expert in regulation, strategy and valuation in the wireless, wireline, and video sectors. He has consulted and testified on behalf of clients in numerous telecommunications matters, ranging from wireless license auctions, spectrum management, and competition policy, to patent infringement, business valuation, and broadband deployment.

Dr. Bazelon frequently advises regulatory and legislative bodies, including the U.S. Federal Communications Commission and the U.S. Congress. He also has expertise in the federal government's use of discount rates for policy and regulatory analysis, intellectual property valuation, economic impact analysis, and antitrust and damages analysis.

Throughout his career, Dr. Bazelon has had extensive experience with spectrum license auctions. He advises on and evaluates numerous auction designs and regularly serves as an auction advisor for bidders in spectrum license auctions.

Prior to joining *Brattle*, Dr. Bazelon was a Vice President with Analysis Group, an economic and strategy consulting firm. During that time, he expanded the firm's telecommunications practice area. He also served as a Principal Analyst in the Microeconomic and Financial Studies Division of the Congressional Budget Office where he researched reforms of radio spectrum management; estimated the budgetary and private sector impacts of spectrum-related legislative proposals; and advised on auction design and privatization issues for all research at the CBO.

## SELECTED CONSULTING PROJECTS

### Litigation

- Provided declaration on spectrum valuation for potential SEC fraud matter.
- Provided written testimony in private fraud case involving 700 MHz Guard and Expansion Band licenses.
- Provided testimony in ITC 337 enforcement case involving reusable coffee brewing cup patents.
- Provided written testimony in Virginia State Corporation Commission fraud case involving 700 MHz Guard and Expansion Band licenses.
- Provided testimony in SEC fraud case involving 700 MHz Guard and Expansion Band licenses.
- Estimated value of a spectrum portfolio.
- Developed auction format for sale of private equity management firm.
- Estimated racial impact of voter ID law in Texas.

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- Assessed Domestic Industry requirement in ITC 337 case involving mobile location patents.
- Evaluated damages in the applications market.
- Assessed allocation theories in an international bankruptcy.
- Evaluated damages from a programming contract termination.
- Evaluated damages from allegations of reputational harm in gaming equipment market.
- Evaluated damages from non-working wireless network equipment.
- Assessed Domestic Industry requirement in ITC 337 case involving wireless equipment patents.
- Assessed commercial viability of full text searching of books business model.
- Assessed Domestic Industry requirement in ITC 337 case involving portable storage device patents.
- Estimated value of satellite assets in bankruptcy.
- Estimated damages from denial of pole attachments.
- Provided written testimony evaluating the performance of a numbering resource administrator.
- Provided written testimony on the ability to estimate damages for a class of satellite phone users.
- Provided written testimony on the economic value of Rights-of-Ways in Massachusetts.
- Estimated damages for a broadcast tower permit revocation.
- Provided oral testimony on the proprietary nature of specific information contained in a statewide public safety network bid.
- Provided written testimony on economic value associated with items provided in a labor neutrality agreement.
- Estimated damages associated with USF and other telephone taxes paid by a calling card reseller.
- Assessed the damages associated with the infringement of patents related to VoIP technology and the likely impact of a permanent injunction.
- Estimated recoverable data costs for two pesticides.
- Estimated cost of delay in granting local cable franchise.
- Analyzed the economic underpinnings of an exclusivity clause of a mobile phone affiliation agreement.
- Assessed commonality issues of physicians for class certification of RICO action against a set of health insurance companies.
- Estimated “Loss of Use” damages for a severed fibre optic cable.
- Provided written testimony estimating the value of a surety bond in a contract dispute involving toll free phone numbers used in an enhanced service application.
- Assessed damages associated with infringement of patents used to provide Voice over Internet Protocol (VoIP).
- Assessed basis for guidance of a large telecommunications firm in a 10-b securities litigation.

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- Valued digital television radio spectrum in St. Louis in the pre-litigation phase of a breach of contract dispute.
- Estimated damages in a breach of contract case involving the sale of a fibre optic network.
- Researched the basis for generally optimistic forecasts of broadband deployment in the later 1990s and early 2000s in an anti-trust litigation.
- Researched the basis for generally optimistic beliefs about the telecommunications sector .in the late 1990s in a 10-b securities litigation.
- Assessed the market for Competitive Local Exchange Carriers in an SEC fraud case.
- Assessed a bankruptcy sale proposal for a national tier 1 broadband backbone provider.
- Examined the business case asserted for a small wireless reseller in a breach of contract litigation.
- Assessed damages associated with infringement of patents used in DNA fingerprinting applications.
- Assessed changes in contributions to the Cable Royalty Fund on behalf of Sports Claimants in a Copyright Arbitration Royalty Panel (CARP) proceeding.
- Assessed the capital adequacy of the U.S. branch of a foreign bank.

### Regulatory Proceedings

- Assessed basis for mechanical royalties in copyright proceeding.
- Provided declaration on minority incentives in spectrum secondary market transactions.
- Evaluated proposed pole attachment rate.
- Analyzed cost[s] of USPS.
- Assessed impact on incentive auction of unlicensed operations in guard bands.
- Assessed market power in Canadian wireless market.
- Provided testimony in prison phone rate proceeding.
- Estimated economic impact of LNP on RLECs.
- Assessed relevance of U.S. UNE-L experience for New Zealand benchmarking proceeding.
- Authored analysis of harm from revoking LightSquared's ATC authorization.
- Estimated value of pairing Upper 700 MHz A Block with public safety.
- Estimated impact of increased regulatory uncertainty on spectrum value.
- Estimated value of government provision of GPS service to private industry.
- Coauthored analysis of feasibility of reallocating broadcast television through the use of incentive auctions.
- Analyzed impact on spectrum value of pairing AWS III spectrum.
- Coauthored analysis of the merits of licensed versus unlicensed allocation of the TV White Spaces.
- Estimated the value of TV White Spaces.
- Provided written testimony on the economic harm of using proprietary information in retention marketing.
- Provided written testimony on the economics of pole attachment rates.
- Estimated the value of the PCS H-Block spectrum band.

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- Estimated the economic impact of ITC Exclusion Order on cell phone handsets.
- Authored several reports on the 700 MHz auction rules.
- Analyzed the relationship between the size of cable systems and the economics of the programming market.
- Presented analysis on pricing differentials in overlapping cable markets.
- Assessed proposed regulation of mobile phone roaming rates.
- Analyzed impact of local franchise requirements on competition in the video marketplace.
- Developed and assessed Indian spectrum management proposals.
- Analyzed economic ramifications of à la carte cable channel pricing on consumers and the cable and television programming industries.
- Examined the relative merits of licensed versus unlicensed radio spectrum and the effects of “underlay” licenses on existing commercial licensees.
- Examined federalism issues related to mobile telephony regulation.
- Examined and refuted arguments suggesting that the California Telecommunications Consumer Bill of Rights was an appropriate response to market failures.
- Assessed the impact on consumers of California’s Telecommunications Consumer Bill of Rights proposal.
- Provided written testimony refuting analysis purporting to show a positive relationship between UNE-P and telecom network investment.
- Provided written testimony examining the effects of unbundling regulations on capital spending in the telecommunications sector.
- Estimated the adjustment to the TELRIC pricing formula to account for irreversible investment in the local telephone network.
- Examined the impact of irreversible investments in the local telephone network on the TELRIC pricing methodology.
- Assessed the degree of market overlap of two food service firms for purposes of merger review.
- Provided written testimony that assessed the validity of an analysis of the costs of a DTV tuner mandate.
- Provided written testimony of a forecast of toll free number demand for the toll free number administrator, SMS/800, in a rate case proceeding.

### Other

- Provided support for Australian Rules Football collective bargaining negotiations.
- Provided support for MLB/MLBPA Collective Bargaining Agreement negotiations.
- Estimated value of new spectrum technology.
- Analyzed market for VRS services.
- Coauthored analysis of wireless technology on agricultural water use.
- Evaluated impacts of Boston 2024’s Olympic bid.
- Estimated value of licensed mobile broadband spectrum.
- Estimated future needs for licensed mobile broadband spectrum.

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- Advised bidder in Canadian 700 MHz auction.
- Evaluated performance of TV stations when repacked in an Incentive Auction.
- Analyzed differences in U.S. and European wireless markets.
- Assessed business case and value of HF license holder.
- Analyzed likely auction outcomes for TV broadcaster participating in incentive auction.
- Assessed value of commercial mobile spectrum bands.
- Analyzed economic impacts of the commercial casino industry.
- Evaluated impact of digitization on copyright industries.
- Analyzed economic and employment effects of Dutch gas hub.
- Advised bidder in Indian 3G spectrum license auction.
- Estimated economic and employment effects of network neutrality regulation.
- Analyzed relative costs of wireless and wireline deployments in rural areas.
- Analyzed potential harms from Internet gambling.
- Estimated economic value of reallocating TV spectrum for wireless broadband.
- Estimated economic and employment effects of electric power transmission construction in support of new wind generation facilities.
- Estimated economic and employment effects of broadband stimulus grant applications.
- Estimated employment effects of an ATC-mobile satellite network deployment.
- Analyzed the impact of reducing international mobile phone roaming charges.
- Developed an auction platform for an electricity procurement auction.
- Analyzed the economic impacts of reduced mobile phone taxes in Africa and the Middle East.
- Evaluated the impact of reducing ethanol requirements on gasoline prices.
- Analyzed FRAND licensing requirements for intellectual property in the DTV standard.
- Advised bidder in Canadian AWS spectrum license auction.
- Advised bidder in FCC 700 MHz spectrum license auction.
- Evaluated a business plan for proposed dam removals.
- Assessed a business plan involving the WiMAX market.
- Estimated the value of a portfolio of spectrum licenses.
- Assessed the budgetary impacts of legislation to license TV white spaces.
- Analyzed the economics of the military's build versus buy decision for broadband satellite communications capacity.
- Advised bidder in FCC AWS spectrum license auction.
- Provided framework to estimate impact of the effect of designation of TV white spaces as unlicensed on 700 MHz auction receipts.
- Analyzed Universal Service Fund expenditures.
- Analyzed cable franchising requirements.
- Valued proposals to re-band the Upper 700 MHz Band of radio spectrum.
- Analyzed proposed accelerated digital television transition impacts on society and the federal budget.
- Coauthored a report on the value of a portfolio of patents used to provide Voice over Internet Protocol (VoIP).

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- Coauthored a report to the U.S. Chamber of Commerce on the economic effects of telecommunications deregulation.
- Assessed the business cases for IRU swaps of a large international fibre optic network owner.
- Examined the effects of unbundling regulations on broadband penetration internationally.

### TESTIMONY AND DECLARATIONS

“Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of Vertical Ventures II, LLC; Vertical Ventures V, LLC; LWH Network, LLC; L, W & C Network, LLC; and Spectrum Family 800, GP vs. Smartcomm, LLC; Smartcomm License Services, LLC; Smartcomm Management, LLC; Smartcomm Acquisitions, LLC; License Acquisitions, LLC; Big Wave Ventures, LLC; Spectrum Networks Group, LLC; M2M Spectrum Networks, LLC; Spectrum Acquisitions Group, LLC; Carlson Investment Group, LLC; Carole L. Downs; Barclay Knapp; and Joe Doe Transferees, Superior Court of Arizona Maricopa County, March 24, 2017.

“Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of CC/Devas (Mauritius) Ltd., Devas Employees Mauritius Private Limited, and Telcom Devas Mauritius Limited, Case No. PCA2013-09, January 16, 2017.

“Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of Commonwealth of Virginia, *ex rel.* State Corporation Commission v. Darryl Gene Bank and Raeann Ann Gibson, Commonwealth of Virginia State Corporation Commission Hearing Examiner, Case No. SEC-2015-00020, November 4, 2016.

“Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of Certain Beverage Brewing Capsules, Components Thereof, and Products Containing the Same, United States International Trade Commission, Washington, D.C., Investigation No.337-TA-929, November 2, 2016.

“Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of Securities and Exchange Commission v. Janus Spectrum LLC; David Alcorn; David Alcorn Professional Corporation; Kent Maerki; Dominion Private Client Group, LLC; Janus Spectrum Group, LLC; Spectrum Management, LLC; Spectrum 100, LLC; Prime Spectrum, LLC; Prime Spectrum Management, LLC; Daryl G. Bank; Premier Spectrum Group, PMA; Bobby D. Jones; Innovative Group, PMA; Premier Group, PMA; Prosperity Group, PMA; Terry W. Johnson; and Raymon G. Chadwick, Jr., United States District Court, District of Arizona, Docket No. CV- 15-609-PHX-SMM, May 13, 2016.

“Amended Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of ACP Master, Ltd., Aurelius Capital Mater, Ltd., and Aurelius Opportunities Fund II, LLC, v. Sprint Corporation, Sprint Communications, Inc., Erik Prusch, John W. Stanton, William R. Blessing, Bruce A. Chatterley, Mufit Cinali, Jose A. Collazo, Hossein Eslambolchi, Dennis S. Hersch, Brian P. McAndrews, Kathleen H. Rae, Theodore H. Schell, Jennifer L. Vogel, Slade Gorton, Starburst I, Inc., and Softbank Corp., Court of



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Chancery, State of Delaware, C.A. No. 8508-VCL and ACP Master, Ltd., Aurelius Capital Mater, Ltd., and Aurelius Opportunities Fund II, LLC, v. Clearwire Corporation, Court of Chancery, State of Delaware, C.A. No. 9042-VCL, November 2, 2015.

“Rebuttal Report of Coleman Bazelon, Ph.D.,” In the Matter of ACP Master, Ltd., Aurelius Capital Mater, Ltd., and Aurelius Opportunities Fund II, LLC, v. Sprint Corporation, Sprint Communications, Inc., Erik Prusch, John W. Stanton, William R. Blessing, Bruce A. Chatterley, Mufit Cinali, Jose A. Collazo, Hossein Eslambolchi, Dennis S. Hersch, Brian P. McAndrews, Kathleen H. Rae, Theodore H. Schell, Jennifer L. Vogel, Slade Gorton, Starburst I, Inc., and Softbank Corp., Court of Chancery, State of Delaware, C.A. No. 8508-VCL and ACP Master, Ltd., Aurelius Capital Mater, Ltd., and Aurelius Opportunities Fund II, LLC, v. Clearwire Corporation, Court of Chancery, State of Delaware, C.A. No. 9042-VCL, October 23, 2015.

“Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of ACP Master, Ltd., Aurelius Capital Mater, Ltd., and Aurelius Opportunities Fund II, LLC, v. Sprint Corporation, Sprint Communications, Inc., Erik Prusch, John W. Stanton, William R. Blessing, Bruce A. Chatterley, Mufit Cinali, Jose A. Collazo, Hossein Eslambolchi, Dennis S. Hersch, Brian P. McAndrews, Kathleen H. Rae, Theodore H. Schell, Jennifer L. Vogel, Slade Gorton, Starburst I, Inc., and Softbank Corp., Court of Chancery, State of Delaware, C.A. No. 8508-VCL and ACP Master, Ltd., Aurelius Capital Mater, Ltd., and Aurelius Opportunities Fund II, LLC, v. Clearwire Corporation, Court of Chancery, State of Delaware, C.A. No. 9042-VCL, September 25, 2015.

“Expert Rebuttal Report on Domestic Industry of Coleman Bazelon, Ph.D.,” In the Matter regarding Certain Non-Volatile Memory Chips and Products Containing the Same, Investigation No. 337-TA-916, December 15, 2014.

“Expert Report on Remedy and Bonding of Coleman Bazelon, Ph.D.,” In the Matter regarding Certain Non-Volatile Memory Chips and Products Containing the Same, Investigation No. 337-TA-916, December 15, 2014.

“Expert Report on Public Interest of Coleman Bazelon, Ph.D.,” In the Matter regarding Certain Non-Volatile Memory Chips and Products Containing the Same, Investigation No. 337-TA-916, November 24, 2014.

“Expert Report of Coleman Bazelon, Ph.D.,” In the Matter regarding Wynnchurch Capital Ltd., In the Court of Chancery of the State of Delaware, C.A. No. 10077-VCL, November 7, 2014.

“Third Amended Reply Report of Coleman Bazelon, Ph.D.,” On Behalf of Plaintiff-Intervenors Texas League of Young Voters Education Fund and Imani Clark, United States District Court for the Southern District of Texas Corpus Christi Division, Civ. No. 2:13-cv-00263, September 22, 2014.



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“Reply Report of Coleman Bazelon, Ph.D.,” On Behalf of Plaintiff-Intervenors Texas League of Young Voters Education Fund and Imani Clark, United States District Court for the Southern District of Texas Corpus Christi Division, Civ. No. 2:13-cv-193 (NGR), August 15, 2014.

“Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of the Texas League of Young Voters Education Fund and Imani Clark v. State of Texas, Nandita Berry, in her official capacity as Texas Secretary of State; and Steve McGraw, in his official capacity as Director of the Texas Department of Public Safety, United States District Court for the Southern District of Texas Corpus Christi Division, Civ. No. 2:13-cv-00263, June 27, 2014.

“Rebuttal Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of the Companies’ Creditors Arrangement Act, R.S.C. 1985, c. C-36, As Amended, and in the Matter of a Plan of Compromise or Arrangement of Nortel Networks Corporation, Nortel Networks Limited, Nortel Networks Global Corporation, Nortel Networks International Corporation and Nortel Networks Technology Corporation United States Bankruptcy Court for the District of Delaware, Case No. 09-10138 (KG), February 28, 2014.

“Supplemental Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of Sky Angel U.S., LLC, against Discovery Communications, LLC, Animal Planet, LLC, United States District Court for the District of Maryland, Case No. 8:13-cv-00031-DKC, January 31, 2014.

“Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of the Companies’ Creditors Arrangement Act, R.S.C. 1985, c. C-36, As Amended, and in the Matter of a Plan of Compromise or Arrangement of Nortel Networks Corporation, Nortel Networks Limited, Nortel Networks Global Corporation, Nortel Networks International Corporation and Nortel Networks Technology Corporation United States Bankruptcy Court for the District of Delaware, Case No. 09-10138 (KG), January 24, 2014.

“Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of Sky Angel U.S., LLC, against Discovery Communications, LLC, Animal Planet, LLC, United States District Court for the District of Maryland, Case No. 8:13-cv-00031-DKC, December 6, 2013.

“Expert Report of Coleman Bazelon, Ph.D. and Armando Levy, Ph.D.,” In the Matter of LT Game International Ltd., against Shuffle Master, Inc., United States District Court for the District of Nevada, Case No. 2:12-cv-01216-JAD-GWF, October 4, 2013.

“Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of Certain Electronic Devices, Including Wireless Communications Devices, Tablet Computers, Media Players, and Televisions, and Components Thereof, United States International Trade Commission, Investigation No. 337-TA-862 (Judge Shaw), July 5, 2013.

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“Declaration of Coleman Bazelon” In the Matter of PTA-FLA, Inc, Daredevil, Inc., NTCH-WEST TENN., Inc., NTCH-WA, Inc., and Eric Steinmann against ZTE Corporation, and ZTE USA, Inc. Florida Arbitration, Case No.: 50-494-T-00665-11, February 26, 2013.

“Rebuttal Testimony of Coleman Bazelon,” In re: Petition for Suspension or Modification of Application of the Requirements of 47 U.S.C. § 251(b) and (c), pursuant to 47 U.S.C. § 251(f)(2) regarding Time Warner Cable Information Services (Maine) LLC’s Request, State of Maine Public Utilities Commission, Docket No. 2012-198, Docket No. 2012-218, Docket No. 2012-219, Docket No. 2012-220, Docket No. 2012-221, October 12, 2012.

“Testimony of Coleman Bazelon, Ph.D.,” In re: Petition for Suspension or Modification of Application of the Requirements of 47 U.S.C. § 251(b) and (c), pursuant to 47 U.S.C. § 251(f)(2) regarding Time Warner Cable Information Services (Maine) LLC’s Request, State of Maine Public Utilities Commission, Docket No. 2012-198, Docket No. 2012-218, Docket No. 2012-219, Docket No. 2012-220, Docket No. 2012-221, August 20, 2012.

“Expert Report of Dr. Coleman Bazelon,” *Salsgiver Communications, Inc., Salsgiver Telecom, Inc., and Salsgiver Inc. v. Consolidated Communications Holdings, Inc., North Pittsburgh Systems, Inc., and North Pittsburgh Telephone Company, Inc.*, Court of Common Pleas, Allegheny County, Pennsylvania, Civil Division, No. GD 08-7616, May 10, 2012.

“Effect of the Proposed Merger on Service Quality, Consumer Services, Employment, and California’s Economy,” Panelist on behalf of AT&T before the Public Utilities Commission of the State of California, Order Instituting Investigation on the Commissioner’s Own Motion into the Planned Purchase and Acquisition by AT&T Inc. of T-Mobile USA, Inc., and Its Effect on California Ratepayers and the California Economy. Case No. I.11-06-009, July 22, 2011.

“Oral Testimony of Coleman Bazelon, The Brattle Group, Inc. before the U.S. House of Representatives, Committee on Energy and Commerce Subcommittee on Communication and Technology,” April 12, 2011. (spectrum)

“Testimony of Coleman Bazelon, Principal, *The Brattle Group*, before the U.S. House of Representatives, Committee on Energy and Commerce, Subcommittee on Communications, Technology, and the Internet,” June 17, 2010 (spectrum valuation).

“Supplemental Expert Report of Coleman Bazelon,” *Gemalto PTE LTD and Gemplus S.A. v. Telecommunications Industry Association*, United States District Court for the Eastern District of Virginia, Alexandria Division, Case 1:08-cv-00776-LMB-TRJ, December 16, 2008.

“Expert Report of Coleman Bazelon,” *Gemalto PTE LTD and Gemplus S.A. v. Telecommunications Industry Association*, United States District Court for the Eastern District of Virginia, Alexandria Division, Case 1:08-cv-00776-LMB-TRJ, November 6, 2008.

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“Prefiled Rebuttal Testimony of Coleman D. Bazelon,” In re: Complaint and Request for Emergency Relief Against Verizon Florida LLC for anticompetitive behavior in violation of Sections 364.01(4), 364.3381, and 364.10, F.S., and for failure to facilitate transfer of customers’ numbers to Bright House Networks Information Services (Florida) LLC, and its affiliate, Bright House Networks, LLC, Florida Public Service Commission, Docket No. 070691-TP, July 25, 2008.

“Prefiled Direct Testimony of Coleman D. Bazelon,” In re: Complaint and Request for Emergency Relief Against Verizon Florida LLC for anticompetitive behavior in violation of Sections 364.01(4), 364.3381, and 364.10, F.S., and for failure to facilitate transfer of customers’ numbers to Bright House Networks Information Services (Florida) LLC, and its affiliate, Bright House Networks, LLC, Florida Public Service Commission, Docket No. 070691-TP, May 30, 2008.

“Declaration of Coleman Bazelon in Support of Plaintiffs’ Motion for Class Certification,” *Kenneth Stickrath, et al v. Globalstar, Inc.*, United States District Court for the Northern District of California, San Francisco Division, Case No. 07-CV-01941 TEH, April 25, 2008.

“Testimony of Coleman Bazelon, Principal, *The Brattle Group*, before the U.S. House of Representatives, Committee on Energy and Commerce, Subcommittee on Telecommunications and the Internet,” April 15, 2008 (reviewing the 700 MHz auction).

“Concerning the Meaning of ‘Fair and Reasonable Compensation’ in Section 253(c) of the Telecommunications Act of 1996 and the Comparability of the Rights-of-Way Fees Paid by Level 3 in Massachusetts and Elsewhere,” *The Massachusetts Turnpike Authority v. Level 3 Communications, LLC, et al.*, The United States District Court for the District of Massachusetts, Civ. Act. No. 06-11816, December 17, 2007.

“Concerning the Effects of the Fixed Rent Charged for Access to the Massachusetts Turnpike,” *The Massachusetts Turnpike Authority v. Level 3 Communications, LLC, et al.*, The United States District Court for the District of Massachusetts, Civ. Act. No. 06-11816, November 12, 2007.

“Affidavit of Dr. Coleman Bazelon,” *Gulfside Casino Partnership v. Mississippi Riverboat Council, et al.*, United States District Court for the Southern District of Mississippi, Southern Division, Cause No. 1:07-CV-110-LG-JMR, May 4, 2007.

“Rebuttal Report of Dr. Coleman Bazelon,” *Level 3 Communications, LLC, v. City of St. Louis, Missouri*, United States District Court for the Eastern District of Missouri, Eastern Division, Consolidated Case No. 4:04-CV-871 CAS, June 17, 2005.

“Affidavit of Dr. Coleman Bazelon,” *Informed Communications Systems, Inc. v. Intelogistics Corp., d/b/a Prosodie Interactive*, United States District Court, Southern District of Florida, Miami Division, Case No.: 04-61245 CIV Huck/Turnoff (October 12, 2004).

## EXPERT DESIGNATIONS

- *Touch America, Inc. v. Qwest Communications International, Inc.*
  - Designated as an expert in Arbitration (June 2003)
- *Informed Communications Systems, Inc. v. Intelogistics Corp., d/b/a Prosodie Interactive*, United States District Court, Southern District of Florida, Miami Division, Case No.: 04-61245 CIV Huck/Turnoff
  - Filed affidavit (October 12, 2004)
- *Level 3 Communications, LLC v. City of St. Louis, Missouri*, United States District Court for the Eastern District of Missouri, Eastern Division, Consolidated Case No. 4:04-CV-871 CAS
  - Filed Rebuttal Report (June 17, 2005)
  - Deposition (July 14, 2005)
- Cable Merger before the FTC
  - Presented analysis to FTC staff (March 20, 2007)
- *Gulfside Casino Partnership v. Mississippi Riverboat Council, et al.*, United States District Court for the Southern District of Mississippi, Southern Division, Cause No. 1:07-CV-110-LG-JMR
  - Filed affidavit (May 4, 2007)
- *Motorola, Inc. v. State of Mississippi Department of Information Technology Services and M/ACom, Inc.*, Chancery Court of Hinds County, Mississippi, Cause No. G2006-2179 S/2
  - Testified (May 23, 2007)
- *American Towers, Inc. v. Jackson & Campbell, P.C., et al.*, DC Superior Court, No. 003277-06
  - Deposition (March 19, 2009)
  - Filed Affidavit (May 22, 2009)
- *The Massachusetts Turnpike Authority v. Level 3 Communications, LLC, et al.*, The United States District Court for the District of Massachusetts, Civ. Act. No. 06-11816
  - Filed Expert Report (November 12, 2007)
  - Filed Rebuttal Report (December 17, 2007)
  - Deposition (January 21, 2008)
- *Kenneth Stickrath, et al v. Globalstar, Inc.*, United States District Court for the Northern District of California, San Francisco Division, Case No. 07-CV-01941 THE
  - Filed Declaration (April 25, 2008)

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- Deposition (June 11, 2008)
- In re: Complaint and request for emergency relief against Verizon Florida LLC for anticompetitive behavior in violation of Sections 364.01(4), 364.3381, and 364.10, F.S., and for failure to facilitate transfer of customers' numbers to Bright House Networks Information Services (Florida) LLC, and its affiliate, Bright House Networks, LLC, Florida Public Service Commission, Docket No. 070691-TP
  - Filed Direct Testimony (May 30, 2008)
  - Filed Rebuttal Testimony (July 25, 2008)
  - Deposition (August 13, 2008)
- *Gemalto PTE LTD and Gemplus S.A. v. Telecommunications Industry Association*, United States District Court for the Eastern District of Virginia, Alexandria Division, Case 1:08-cv-00776- LMB-TRJ
  - Filed Expert Report (November 6, 2008)
  - Deposition (December 2, 2008)
  - Filed Supplemental Expert Report (December 16, 2008)
- *Salsgiver Communications, Inc., Salsgiver Telecom, Inc., and Salsgiver Inc. v. Consolidated Communications Holdings, Inc., North Pittsburgh Systems, Inc., and North Pittsburgh Telephone Company, Inc.*, Court of Common Pleas, Allegheny County, Pennsylvania, Civil Division, No. GD 08-7616
  - Filed Damages Analysis (February 27, 2009)
  - Deposition (April 3, 2012)
  - Filed Expert Report (May 10, 2012)
  - Testified (May 6, 2015; May 12, 2015)
- *Certain Products Containing Interactive Program Guide and Parental Control Technology* United States International Trade Commission, Investigation No. 337-TA-820
  - Designated as an expert (June 8, 2012)
- In re: Petition for Suspension or Modification of Application of the Requirements of 47 U.S.C. § 251(b) and (c), pursuant to 47 U.S.C. § 251(f)(2) regarding Time Warner Cable Information Services (Maine) LLC's Request, State of Maine Public Utilities Commission, Docket No. 2012-198, Docket No. 2012-218, Docket No. 2012-219, Docket No. 2012-220, Docket No. 2012-221
  - Filed Direct Testimony (August 20, 2012)
  - Filed Rebuttal Testimony (October 12, 2012)
  - Testified (October 23, 2012)

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- In the matter of PTA-FLA, Inc , Daredevil, Inc., NTCH-WEST TENN., Inc., NTCH-WA, Inc., and Eric Steinmann against ZTE Corporation, and ZTE USA, Inc. Florida Arbitration, Case No.: 50-494-T-00665-11
  - Filed Expert Report (February 26, 2013)
  - Deposed (March 15, 2013)
  - Testified (August 30, 2013)
- *Certain Electronic Devices, Including Wireless Communications Devices, Tablet Computers, Media Players, and Televisions, and Components Thereof*, United States International Trade Commission, Investigation No. 337-TA-862 (Judge Shaw)
  - Filed Rebuttal Testimony (July 5, 2013)
- In the matter of LT Game International Ltd., against Shuffle Master, Inc., United States District Court for the District of Nevada, Case No. 2:12-cv-01216-JAD-GWF
  - Filed Expert Report (October 4, 2013)
  - Deposed (November 12, 2013)
- In the Matter of Sky Angel U.S., LLC, against Discovery Communications, LLC, Animal Planet, LLC, United States District Court for the District of Maryland, Case No. 8:13-cv-00031-DKC
  - Filed Expert Report (December 6, 2013)
  - Filed Supplemental Report (January 31, 2014)
  - Deposed (February 14, 2014)
- In the Matter of the Companies' Creditors Arrangement Act, R.S.C. 1985, c. C-36, As Amended, and in the Matter of a Plan of Compromise or Arrangement of Nortel Networks Corporation, Nortel Networks Limited, Nortel Networks Global Corporation, Nortel Networks International Corporation and Nortel Networks Technology Corporation United States Bankruptcy Court for the District of Delaware, Case No. 09-10138 (KG)
  - Filed Expert Report (January 24, 2014)
  - Filed Rebuttal Expert Report (February 28, 2014)
  - Deposed (April 3, 2014; May 30, 2014)
  - Testified (June 2, 2014; June 5, 2014)

## Coleman Bazelon

- *State of Texas v. Eric H. Holder, Jr., in his Official Capacity as Attorney General of the United States*, United States District Court for the District of Columbia, Case No. 1:12-CV-00128
  - Filed Expert Report (June 27, 2014)
  - Filed Reply Report (August 15, 2014)
  - Deposed (August 20, 2014)
  - Testified (September 9, 2014)
  - Filed Third Amended Reply Report (September 22, 2014)
- *Certain Wireless Devices, Including Mobile Phones And Tablets II*, United States International Trade Commission, Investigation No. 337-TA-905 (Judge Pender)
- *Wynnchurch Capital Ltd., In the Court of Chancery of the State of Delaware*, C.A. No. 10077-VCL
  - Filed Expert Report (November 7, 2014)
  - Deposed (November 17, 2014)
- *In the Matter of: Certain Non-Volatile Memory Chips and Products Containing the Same*, United States International Trade Commission, Washington, D.C., Investigation No. 337 TA-916
  - Filed Expert Report on Public Interest (November 24, 2014)
  - Filed Expert Rebuttal Report on Domestic Industry (December 15, 2014)
  - Filed Expert Report on Remedy and Bonding (December 15, 2014)
  - Deposed (January 9, 2015)
- *In the Matter of: Certain Non-Volatile Memory Chips and Products Containing the Same*, United States International Trade Commission, Washington, D.C., Investigation No. 337 TA-922
- *In the Matter of: Certain Footwear Products*, United States International Trade Commission, Washington, D.C., Investigation No. 337-TA-936
- *In the Matter of ACP Master, Ltd., Aurelius Capital Mater, Ltd., and Aurelius Opportunities Fund II, LLC, v. Sprint Corporation, Sprint Communications, Inc., Erik Prusch, John W. Stanton, William R. Blessing, Bruce A. Chatterley, Mufit Cinali, Jose A. Collazo, Hossein Eslambolchi, Dennis S. Hersch, Brian P. McAndrews, Kathleen H. Rae, Theodore H. Schell, Jennifer L. Vogel, Slade Gorton, Starburst I, Inc., and Softbank Corp., Court of Chancery, State of Delaware, C.A. No. 8508-VCL and ACP Master, Ltd., Aurelius Capital Mater, Ltd., and Aurelius Opportunities Fund II, LLC, v. Clearwire Corporation, Court of Chancery, State of Delaware, C.A. No. 9042-VCL*



## Coleman Bazelon

- Filed Expert Report (September 25, 2015)
- Filed Rebuttal Report (October 23, 2015)
- Filed Amended Expert Report (November 2, 2015)
- Deposed (November 10, 2015)
- Testified (November 14, 2016)
- In the Matter of Securities and Exchange Commission v. Janus Spectrum LLC; David Alcorn; David Alcorn Professional Corporation; Kent Maerki; Dominion Private Client Group, LLC; Janus Spectrum Group, LLC; Spectrum Management, LLC; Spectrum 100, LLC; Prime Spectrum, LLC; Prime Spectrum Management, LLC; Daryl G. Bank; Premier Spectrum Group, PMA; Bobby D. Jones; Innovative Group, PMA; Premier Group, PMA; Prosperity Group, PMA; Terry W. Johnson; and Raymon G. Chadwick, Jr., United States District Court, District of Arizona, Docket No. CV- 15-609-PHX-SMM
  - Filed Expert Report (May 13, 2016)
  - Deposed (August 12, 2016)
  - Filed Declaration of Coleman Bazelon in Support of Plaintiff Securities and Exchange Commission’s Motion for Summary Judgment (October 6, 2016)
- In the Matter of Commonwealth of Virginia, ex rel. State Corporation Commission v. Darryl Gene Bank and Raeann Ann Gibson, Commonwealth of Virginia State Corporation Commission Hearing Examiner, Case No. SEC-2015-00020
  - Filed Expert Report (November 4, 2016)
- In the Matter of Certain Beverage Brewing Capsules, Components Thereof, and Products Containing the Same, United States International Trade Commission, Washington, D.C., Investigation No.337-TA-929 (Eko Brands, LLC (“Eko Brands”) and Espresso Supply, Inc. (“Espresso Supply” and collectively with Eko Brands “Respondents”))
  - Filed Expert Report (November 2, 2016)
  - Deposed (November 18, 2016)
  - Testified (January 11, 2017)
- In the Matter of CC/Devas (Mauritius) Ltd., Devas Employees Mauritius Private Limited, and Telcom Devas Mauritius Limited, Case No. PCA2013-09
  - Filed Expert Report (January 16, 2017)
  - Filed Second Expert Report (July 31, 2017)
- In the Matter of Vertical Ventures II, LLC; Vertical Ventures V, LLC; LWH Network, LLC; L, W & C Network, LLC; and Spectrum Family 800, GP vs. Smartcomm, LLC; Smartcomm License Services, LLC; Smartcomm Management, LLC; Smartcomm Acquisitions, LLC; License Acquisitions, LLC; Big Wave Ventures, LLC; Spectrum

## Coleman Bazelon

Networks Group, LLC; M2M Spectrum Networks, LLC; Spectrum Acquisitions Group, LLC; Carlson Investment Group, LLC; Carole L. Downs; Barclay Knapp; and Joe Doe Transferees, Superior Court of Arizona Maricopa County

- Filed Expert Report (March 24, 2017)

### PUBLICATIONS

#### Articles and Book Chapters

Coleman Bazelon and Giulia McHenry, "Spectrum Value," *Telecommunications Policy*, Volume 37, issue 9, October 2013, pp. 737-747.

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"Too Many Goals: Problems with the 700 MHz Auction," *Information Economics and Policy*, June 2009, pp. 115-127.

"Licensed or Unlicensed: The Economic Considerations in Incremental Spectrum Allocations," *IEEE Communications Magazine*, March 2009, pp. 110-116.

Michael H. Rothkopf and Coleman Bazelon, "Interlicense Competition: Spectrum Deregulation Without Confiscation or Giveaways," *OBTAINING THE BEST FROM REGULATION AND COMPETITION*, Michael A. Crew and Menahem Spiegel, eds., Kluwer Academic Publishers (2005), pp. 135-159.

"Next Generation Frequency Coordinator," *Telecommunications Policy* 27 (2003), pp. 517-525.

Coleman Bazelon and Kent Smetters, "Discounting in the Long Term," *Loyola of Los Angeles Law Review*, Vol. 35, Issue 1, November 2002.

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"The Movement of Markets," *Wesleyan Economic Journal*, Spring 1986.

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#### White Papers, Reports, Studies, and Reviews

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David Sunding, Martha Rogers, and Coleman Bazelon, “The Farmer and the Data: How Wireless Technology is Transforming Water Use in Agriculture,” CTIA Wireless Foundation, April 22, 2016.

Coleman Bazelon, Nicol E. Turner-Lee, Olga Ukhaneva, and DeVan Hankerson, “A Lifeline to High-Speed Internet Access: An Economic Analysis of Administrative Costs and the Impact on Consumers,” Multicultural Media, Telecom And Internet Council, March 2016.

Coleman Bazelon, Pallavi Seth, Steven Hercovici, Mark Berkman, Allen Sanderson, Brad Humphreys, Joseph Floyd, and Michael Abasciano, “Analysis of the Boston 2024 Proposed Summer Olympic Plans,” Prepared for Commonwealth of Massachusetts Office of the Governor, President of the Senate, and Speaker of the House, August 17, 2015.

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*Moving Towards General Purpose Spectrum*, Aspen Institute Roundtable on Spectrum Policy (AIRS), Queenstown, Maryland, October 22 – 24, 2014.

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*Internet Privacy, Civil Liberties, National Security, Law, and Economics: In Search of a Coherent Policy Path Forward*, Ferrum College Forum, Ferrum, Virginia, March 19, 2014.

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## Coleman Bazelon

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*Markets in Wireless Spectrum*, Towards Dynamic Markets in Electric Power, Water, and Wireless Spectrum Seminar, University of Colorado Law School, Boulder, CO, April 23, 2013.

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## Coleman Bazelon

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## Coleman Bazelon

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### REVIEWER

- American Journal of Agricultural Economics (1989 – 1994)
- Congressional Budget Office Reports
- Telecommunications Policy
- Telecommunications Policy Research Conference Program Committee (2011-2013)
- George Mason University

### PROFESSIONAL AFFILIATIONS

- American Bar Association
- American Economic Association
- Federal Communications Bar Association

## Coleman Bazelon

- National Research Council - Committee on a Survey of the Active Scientific Use of the Radio Spectrum

### EDUCATION

Dr. Bazelon received his Ph.D. and M.S. in Agricultural and Resource Economics from the University of California at Berkeley. He also holds a Diploma in Economics from the London School of Economics and Political Science and a B.A. from Wesleyan University.

September 8, 2017