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BUSINESS ADDRESS

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Mr. Dippon received a B.S. with honors in Business Administration from the California State University, and an M.A. in Economics with a concentration in microeconomics and econometrics from the doctoral program of the University of California. Mr. Dippon works primarily on intellectual property, regulatory economics, antitrust analysis, and the evaluation of commercial damages.

Mr. Dippon has extensive experience in commercial litigations. He advises his clients on valuing their intellectual property portfolio and estimating economic damages in cases of infringement, allegations of breach of contract, fraud, misrepresentation, and other commercial damages claims. In regulatory economics, Mr. Dippon has worked on issues of local competition, incentive regulation, and economic cost in the telecommunications and petroleum industries. He has testified before the Federal Communications Commission and numerous Public Utilities Commissions. Mr. Dippon also conducts market research studies in a number of industries employing qualitative choice models and marketing surveying tools. In antitrust analysis, Mr. Dippon has conducted research and prepared expert reports to federal regulators on the competitive effects of mergers.

Mr. Dippon is a frequent lecturer on damage calculations in breach of contract and intellectual property matters, on the application of rigorous economic techniques for intellectual property valuation and on cost calculation for telecommunication network components. He has also published several papers on a range of competition issues.

Prior to joining NERA, Mr. Dippon was an analyst at BMW in Bangkok, Thailand. Mr. Dippon is bilingual German-English, fluent in French, and proficient in Thai and Spanish.

EDUCATION

UNIVERSITY OF CALIFORNIA, SANTA BARBARA
M.A. in Economics, 1995

CALIFORNIA STATE UNIVERSITY, HAYWARD
B.S. in Business Administration, *Cum Laude*, 1993

PROFESSIONAL EXPERIENCE

NATIONAL ECONOMIC RESEARCH ASSOCIATES, INC. SAN FRANCISCO, CA
2000-Present *Senior Consultant*
1999-2000 *Consultant*

NATIONAL ECONOMIC RESEARCH ASSOCIATES, INC. LOS ANGELES, CA
1998-1999 *Consultant*
1997-1998 *Senior Analyst*
1996-1997 *Analyst*

BAVARIAN MOTOR WORKS (BMW), BANGKOK, THAILAND
1993-1994 *Analyst*

SWISS ARTILLERY, BIERE, SWITZERLAND
1989-1990 *Corporal*

LANGUAGES

Native in German
Fluent in English
Fluent in French
Good in conversational Thai
Proficient in Spanish

PROGRAMMING LANGUAGE PROFICIENCY

STATA
SAS
Visual Basic 6.0
Visual Basic for Applications
MapInfo 6.5 / SQL

PROFESSIONAL AFFILIATIONS

Licensing Executives Society USA and Canada Inc.
American Economic Association (AEA)

TESTIMONY

Reply Declaration of Christian M. Dippon in Support of SBC Pacific's Comments before the Public Utilities Commission of the State of California, Joint Application of AT&T Communications Inc. and WorldCom, Inc. for the Commission to Reexamine the Recurring Costs and Prices of Unbundled Loops in its First Annual Review of Unbundled Network Element Costs Pursuant to Ordering Paragraph 11 of D.99-11-050, February 7, 2003.

Oral Testimony, on behalf of Verizon New England Inc. d/b/a Verizon Massachusetts, before the Commonwealth of Massachusetts Department of Telecommunication and Energy, Investigation by the Department on its own Motion into the Appropriate Pricing, based upon Total Element Long-Run Incremental Costs for Unbundled Network Elements, D.T.E. 01-20 (Part A) February 6, 2002.

Surrebuttal Testimony of Christian M. Dippon On Behalf of Verizon New England Inc. d/b/a Verizon Massachusetts, before the Commonwealth of Massachusetts Department of Telecommunication and Energy, Investigation by the Department on its own Motion into the Appropriate Pricing, based upon Total Element Long-Run Incremental Costs for Unbundled Network Elements, D.T.E. 01-20 (Part A) December 17, 2001.

Reply Testimony of Christian M. Dippon On Behalf of GTE Northwest, Inc., before the Public Utility Commission of Idaho in the Matter of the Investigation to Determine an Appropriate Cost Model Using Forward-looking Economic Costs for Calculating the Costs of Basic Telecommunication Services in Idaho, GNR-T-97-22, May 24, 2000.

Oral Testimony, on behalf of GTE Northwest, Inc. at arbitration hearing in the Matter of the Investigation into Universal Service in the State of Oregon, UM 731, Phase IV, Salem, OR, February 7, 2000.

Rebuttal Testimony of Christian M. Dippon On Behalf of GTE Northwest, Inc., before the Public Utility Commission of Oregon in the Matter of the Investigation into Universal Service in the State of Oregon, UM 731, Phase IV, January 12, 2000.

Affidavit of Harold Ware and Christian Michael Dippon On Behalf of Bell Atlantic Incorporated, before the Federal Communications Commission, CC Docket Nos. 96-45, 97-160, July 23, 1999.

Response Affidavit of Christian Michael Dippon On Behalf of GTE North Incorporated, before the Michigan Public Service Commission, Case No. U-11832, May 18, 1999.

Supplemental Affidavit of Christian Michael Dippon In Support of GTE's Petition for Reconsideration of the Fifth Report and Order, before the Federal Communications Commission, CC Docket Nos. 96-45, 97-160, January 25, 1999.

Supplemental Testimony of Christian Michael Dippon on Behalf of GTE Midwest Incorporated, before the Public Service Commission State of Missouri, January 19, 1999.

Affidavit of Christian Michael Dippon In Support of GTE's Application for Review and Review of Freedom of Information Action, before the Federal Communications Commission, CC Docket Nos. 96-45, 97-160, January 15, 1999.

Affidavit of Christian Michael Dippon In Support of GTE's Petition for Reconsideration of the Fifth Report and Order, before the Federal Communications Commission, CC Docket Nos. 96-45, 97-160, December 18, 1998.

Affidavit of Christian Michael Dippon In Support of the Motion of Contel of Minnesota, Inc. d/b/a GTE Minnesota for Reconsideration of the Commission's Decision to Recommend HAI 5.0a, before the Minnesota Public Utilities Commission, May 10, 1998.

SELECTED CLIENT REPORTS

Competitive Aspects of SFPP's Operations in California, with Dr. Alan Cox. Report on the competitive assessment of the light petroleum product markets in California. Prepared for SFPP L.P, July 28, 2003.

Economic Analysis of the Regulated Fee Check Cashing Services in New York, with Dr. Russ O'Haver. Prepared for the Check Cashing Association of New York, July 22, 2003.

The Telecommunications Industry In the Dominican Republic: An Assessment of [Confidential] And The Competitive Environment, with Dr. William Taylor, Dr. Agustin Ros, and Wayne Olson. Prepared for [Confidential], May 23, 2003.

3G Mobile Network in Singapore – Revenue forecasts 2001 (used to determine the reserve price for the auction of 3G spectrum in Singapore) with Dr. David Salant, November 1, 2001.

Competitive Pricing Methodologies For ATM Networks, with Leonard Waverman. Prepared for British Telecommunications plc. May 4, 2001.

The United States Court of Appeals for the Eighth Circuit, with Dr. Gregory Duncan.
Economic Reading of the July 18, 2000, Iowa Utilities Board v. FCC Decision.

International Trends In Telecommunications Competition and Regulation. Overview of the regulatory efforts to facilitate competition in selected countries. Prepared for GTE Corporation, April 8, 1999.

Evaluation of HAI Consulting Inc. 's implementation of actual average loop length into HM 3.1. Prepared for GTE Northwest, Inc. in response to a bench request by the Washington Public Utilities Commission.

Evaluation of the Hatfield Model, Release 5.0, with Dr. Gregory Duncan, Dr. Timothy Tardiff, Dr. Rafi Mohammed, Mr. Francis Murphy, and Mr. Robert Cellupica. Expert report prepared for GTE Corporation for interconnection arbitrations in various states.

Economic and Algorithmic Errors in the Hatfield Model, Release 4.0, with Dr. Gregory Duncan, Dr. Timothy Tardiff, and Dr. Rafi Mohammed. Expert report prepared for GTE Corporation in interconnection arbitrations in various states.

Economic and Algorithmic Errors in the Hatfield Model, Release 3.1, with Dr. Gregory Duncan, Dr. Timothy Tardiff, and Dr. Rafi Mohammed. Expert report prepared for GTE Corporation for interconnection arbitrations in various states.

SELECTED PUBLICATIONS AND PRESENTATIONS

“Unverifiable and Inaccurate: A Summary of HM 5.3 Clustering Errors,” Presentation to the California Public Utilities Commission and SBC Pacific, San Ramon, CA, June 11, 2003.

“Show Me The Money – Market based intellectual property valuation for strategy and litigation.” Prepared for [Confidential], March 25, 2003.

“IP Monetization,” Intellectual property asset management presentation with Dr. Russ O’Haver, prepared for Hewlett-Packard, February 27, 2003.

“When East Meets West, Converging Trends in Japanese IP Litigation.” Prepared for the Intellectual Property Institute, Tokyo, Japan, December 11, 2002.

“When East Meets West, Converging Trends in Japanese IP Litigation.” Prepared for Yokogawa Electric Corporation, Tokyo, Japan, December 10, 2002.

“When East Meets West, Converging Trends in Japanese IP Litigation.” Prepared for Jones Day, Reavis & Pogue, Tokyo, Japan, December 9, 2002.

- “Basic Economics of Rigorous Intellectual Property Damages Calculation,” Presentation with Kenneth Train and Alan Cox given at Marsh in San Francisco, CA on December 3, 2002.
- “Basic Economics of Rigorous Intellectual Property Damages Calculation,” Presentation with Kenneth Train and Alan Cox given at Covington & Burling, LLP in San Francisco, CA on November 11, 2002.
- “Competitive Pricing Methodologies For Wholesale Broadband Services,” Prepared for the 12th ITS-Europe Regional Conference, Dublin, Ireland, 2-3 September 2001, Presented by Dieter Elixmann, Head of Research Group, WIK GmbH Germany.
- “Competitive Pricing Methodologies For Wholesale Broadband Services,” Prepared for the 14th Annual Western Conference, Advanced Workshop in Regulation and Competition, Rutgers University, San Diego, CA, June 27, 2001.
- “Marketing Research,” Chapter 4 in *Internet Marketing: building advantage in a networked economy*, a MBA coursework textbook by Rafi Mohammed, Robert J. Fisher, Bernard Jaworski, Aileen M. Cahill, published by McGraw-Hill Higher Education, ISBN 0-07-251022-6, pages 127-167.
- “Local Loop Unbundling: Flaws of the Cost Proxy Model,” *The Journal of Policy, Regulation, and Strategy for Telecommunications Information and Media*, Info Volume 3, Number 2, April 2001.
- “Implementing Local Loop Unbundling in Europe. Are Cost Proxy Models accurate estimators of forward-looking costs?” presented at the 11th International Telecommunications Society Regional Conference, Lausanne, Switzerland, September 23-25, 2000.
- “Estimating the Cost of Local Telephone Service. Where are the customers?” presented at the Advanced Workshop in Regulation and Competition, Rutgers University, The Sagamore, Lake George, Bolton Landing, NY, May 25, 2000.
- “The Cost of the Local Communication Network: A Comparison of Minimum Spanning Trees and the HAI Model,” with Dr. Kenneth Train, University of California at Berkeley, *Telecommunications Policy*, Volume 24, No. 3, April 2000.
- “The Cost of the Local Telecommunications Network: A Comparison of Minimum Spanning Trees and the HAI Model,” presented with Dr. Kenneth Train, at the Telecommunications Policy Research Conference, Alexandria, VA, October 1998.
- “Economic And Engineering Errors in HM 3.1,” presented with F. Murphy before the Hawaiian Public Utilities Commission, Honolulu, HI, February 1998.

SELECTED INDUSTRY EXPERIENCE

Intellectual Property

- Banking
- Computer Software and Hardware
- Telecommunications and Networking Equipment
- Pharmaceuticals
- Health Care

Commercial Disputes

- Computer Software and Hardware
- Entertainment
- E-Commerce
- Telecommunications
- Semi-Conductor
- Health Care
- Pharmaceutical

Regulated Industries

- Telecommunication
- Electricity
- Petroleum
- Check Cashing

Mergers and Other Antitrust

- Chemicals, including industrial and petrochemicals
 - Computer hardware and software
 - E-Commerce
 - Entertainment and Publishing
 - Petroleum
 - Exploration and Production
 - Refining
 - Transportation, including Marine and Pipeline
 - Terminaling
 - Wholesaling
 - Marketing
 - Retailing
 - Petrochemicals
 - Lubricant blending and marketing
 - Retail
- Telecommunications

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