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April 16, 2024

VIA ECFS

Marlene H. Dortch, Secretary
Federal Communications Commission
45 L Street NE
Washington, DC 20554

REQUEST FOR
CONFIDENTIAL TREATMENT

Re: *Bandwidth, Inc., Application for Authorization to Obtain Numbering Resources & Request for Confidential Treatment, WC Docket No. 24-*

Dear Ms. Dortch:

Bandwidth, Inc. ("Bandwidth") encloses for filing its Application to Obtain Numbering Resources ("Application") and corresponding Confidential Exhibits B, an agreement between Bandwidth and its CLEC partner (Confidential Exhibit B or "Carrier Agreement") and C, a depiction of call flows between Bandwidth's IPES customers through Bandwidth's CLEC partner to and from the PSTN (Confidential Exhibit C or "Call Flow Diagram"). The Application, Carrier Agreement and Call Flow Diagram are being filed pursuant to Section 52.15(g)(3)(i) of the Commission's Rules.

Pursuant to Sections 0.457 and 0.459 of the Commission's rules, 47 C.F.R. §§ 0.457 and 0.459, Bandwidth requests that the Commission withhold from public inspection and accord confidential treatment to the Carrier Agreement and the Call Flow Diagram. Each document contains trade secrets and commercial, technical and financial information that falls within Exemption 4 of the Freedom of Information Act ("FOIA").¹

Exemption 4 of FOIA provides that the public disclosure requirement of the statute "does not apply to matters that are . . . (4) trade secrets and commercial or financial information obtained from a person and privileged or confidential."² Bandwidth is voluntarily providing this trade secret and commercial and financial information "of a kind that would not customarily be released to the public"; therefore, this information is "confidential" under Exemption 4 of FOIA.³ Bandwidth would

¹ 5 U.S.C. § 552(b)(4).

² *Id.*

³ See *Critical Mass Energy Project v. NRC*, 975 F.2d 871, 879 (D.C. Cir. 1992).

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suffer substantial competitive harm if the Carrier Agreement or the Call Flow Diagram were disclosed.⁴

Bandwidth provides the following information in support of this request:

1. IDENTIFICATION OF THE SPECIFIC INFORMATION FOR WHICH CONFIDENTIAL TREATMENT IS SOUGHT⁵

Bandwidth seeks confidential treatment of the Carrier Agreement and the Call Flow Diagram, submitted with the Application as Confidential Exhibit B and Confidential Exhibit C, respectively.

2. DESCRIPTION OF CIRCUMSTANCES GIVING RISE TO THE SUBMISSION⁶

The Carrier Agreement and the Call Flow Diagram are being submitted to the Commission as proof of facilities readiness, as required by Section 52.15(g)(3)(i)(D) of the Commission's rules.

3. EXPLANATION OF THE DEGREE TO WHICH THE INFORMATION IS COMMERCIAL OR FINANCIAL, OR CONTAINS A TRADE SECRET OR IS PRIVILEGED⁷

The information for which Bandwidth seeks confidential treatment contains sensitive commercial, financial, and technical information as described in Section 0.457(d) of the Commission's rules.⁸ The Carrier Agreement and the Call Flow Diagram contain trade secrets and proprietary commercial and technical information relating to the manner in which Bandwidth and its CLEC partner conduct network operations.

4. EXPLANATION OF THE DEGREE TO WHICH THE INFORMATION CONCERN'S A SERVICE THAT IS SUBJECT TO COMPETITION⁹

The Carrier Agreement and the Call Flow Diagram provide detailed information relating to commercial and operational matters that could be used by competitors to the disadvantage of Bandwidth. Disclosure of Bandwidth's confidential information would cause substantial competitive harm.

5. EXPLANATION OF HOW DISCLOSURE OF THE INFORMATION COULD RESULT IN SUBSTANTIAL COMPETITIVE HARM¹⁰

Competitors could use the information in the Carrier Agreement and the Call Flow Diagram to Bandwidth's detriment as they would gain access to sensitive and proprietary information about how Bandwidth provides services as well as about Bandwidth's commercial agreements with others that are not ordinarily disclosed to the public.

⁴ See *National Parks and Conservation Ass'n v. Morton*, 498 F.2d 765 (D.C. Cir. 1974).

⁵ 47 C.F.R. § 0.459(b)(1).

⁶ 47 C.F.R. § 0.459(b)(2).

⁷ 47 C.F.R. § 0.459(b)(3).

⁸ 47 C.F.R. § 0.457(d).

⁹ 47 C.F.R. § 0.459(b)(4).

¹⁰ 47 C.F.R. § 0.459(b)(5).

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6. IDENTIFICATION OF ANY MEASURES TAKEN BY THE SUBMITTING PARTY TO PREVENT UNAUTHORIZED DISCLOSURE¹¹

Bandwidth has made the substance of the Carrier Agreement and the Call Flow Diagram known only to those employees who have a need to know the subject matter and those employees are aware of the confidential and sensitive nature of the information. The Carrier Agreement and the Call Flow Diagram have not been disclosed by Bandwidth to any non-signatories outside Bandwidth except pursuant to appropriate confidentiality agreements.

7. IDENTIFICATION OF WHETHER THE INFORMATION IS AVAILABLE TO THE PUBLIC AND THE EXTENT OF ANY PREVIOUS DISCLOSURE OF THE INFORMATION TO THIRD PARTIES¹²

Bandwidth has not previously disclosed the Carrier Agreement or the Call Flow Diagram.

8. JUSTIFICATION OF THE PERIOD DURING WHICH THE SUBMITTING PARTY ASSERTS THAT MATERIAL SHOULD NOT BE AVAILABLE FOR PUBLIC DISCLOSURE¹³

Bandwidth requests that the Carrier Agreement and the Call Flow Diagram be treated as confidential for a period of ten (10) years. This period is necessary due to the sensitive nature of the information in the Carrier Agreement and the Call Flow Diagram.

9. OTHER INFORMATION THAT BANDWIDTH BELIEVES MAY BE USEFUL IN ASSESSING WHETHER ITS REQUEST FOR CONFIDENTIALITY SHOULD BE GRANTED¹⁴

Under applicable Commission and federal court precedent, the information provided by Bandwidth on a confidential basis should be shielded from public disclosure. Exemption 4 of FOIA shields information that is: (1) commercial or financial in nature; (2) obtained from a person outside government; and (3) privileged or confidential. The commercial and financial information in question satisfies this test.

¹¹ 47 C.F.R. § 0.459(b)(6).

¹² 47 C.F.R. § 0.459(b)(7).

¹³ 47 C.F.R. § 0.459(b)(8).

¹⁴ 47 C.F.R. § 0.459(b)(9).

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Respectfully submitted,

/s/ Tamar E. Finn _____

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**Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554**

In the Matter of)
)
Bandwidth Inc.)
For Authorization to Obtain Numbering) WC Docket No. 24 - _____
Resources Pursuant to Section 52.1(g))
Of the Commission's Rules)

**APPLICATION OF BANDWIDTH INC.
FOR AUTHORIZATION TO OBTAIN NUMBERING RESOURCES**

The Commission's *Numbering Order* established that interconnected VoIP providers may obtain numbering resources from the Numbering Administrator by showing authority to provide service in the territory where numbers are sought. Bandwidth Inc. ("Bandwidth") seeks such authority and submits the information required by Section 52.15(g)(3)(ii)(A)-(M) as of the day of filing.

In its Second Report and Order and Second Notice of Proposed Rulemaking in Docket FCC 23-75A1, the FCC expanded the information required by an entity seeking authorization to obtain numbering resources. As of the day of filing, those rules have not become effective. While this application follows the format of previously filed applications, Bandwidth has included the information required by the new rules in *Exhibit A*.

I. INFORMATION REQUIRED BY SECTION 52.15(g)(3)(i):

A. § 52.15(g)(3)(ii)(A)

Name: Bandwidth Inc.
Address: 2230 Bandmate Way
City: Raleigh
State: North Carolina
Zip Code: 27607
Telephone: 800.808.5150
Website: <https://www.bandwidth.com>

Contact for Regulatory Requirements, Compliance, 911 and Law Enforcement:

Name: Lisa Jill Freeman, VP & Regulatory Compliance Officer,
Office of the General Counsel
Address: 900 Main Campus Drive
City: Raleigh
State: North Carolina
Zip Code: 27606
Telephone: 855.513.9666
Email: Ljfeeman@bandwidth.com

B. § 52.15(g)(3)(ii)(B)

Bandwidth acknowledges that the authorization granted under this paragraph is subject to compliance with applicable Commission number rules, numbering authority delegated to the states, and state laws, regulations and registration requirements. Bandwidth acknowledges that authorization is subject to compliance with industry guidelines and numbering practices applicable to telecommunications carriers. The numbering resources subject to this Application will be used at first in the state of Texas.

C. § 52.15(g)(3)(ii)(G)

Bandwidth understands that it must file requests for numbers with the relevant state commissions at least 30 days prior to requesting numbers from the Numbering Administrator.

D. § 52.15(g)(3)(ii)(H)

Bandwidth has the capability to provide services within 60 days of the numbering resource activation date.

Bandwidth has obtained OCN 172H for the numbering resources sought in this Application. Bandwidth, through its affiliates and vendors, will have access to an integrated back office support system that can schedule and process LNP orders from customers and an experienced provisioning department capable of handling bulk number ports with more than 15 years of LNP experience. Bandwidth has executed an agreement with a CLEC partner to route

traffic to local exchange carriers. Bandwidth has attached as ***Confidential Exhibit B***, an agreement between Bandwidth and its CLEC partner that provides the carrier will host Bandwidth's numbers on its switches and provide connectivity to the PSTN for calls to Bandwidth numbers. Bandwidth requests confidential treatment under Commission rules for ***Confidential Exhibit B***.

Bandwidth's agreement with its CLEC partner will allow it to send and receive calls via the PSTN and other networks. Bandwidth Inc. will establish IP interconnection trunks with Bandwidth.com CLEC, LLC ("Bandwidth.com CLEC"). This will allow Bandwidth's IPES customers to originate and terminate traffic through Bandwidth.com CLEC. This arrangement will also allow IPES customers to complete emergency and other 911 calls. A diagram is attached as ***Confidential Exhibit C*** that depicts the call flows between Bandwidth's IPES customers through Bandwidth.com CLEC to and from the PSTN. Bandwidth requests confidential treatment under Commission rules for ***Confidential Exhibit C***.

The interconnection agreement between Bandwidth's CLEC partner and a local exchange carrier in Texas is lengthy. Bandwidth includes as ***Exhibit D*** the General Terms and Conditions and the Interconnection sections of that agreement. The entire agreement is available at https://clec.att.com/clec_cms/clec/docs/920f08ad69db447ebbe299a2150bd811.pdf.

E. § 52.15(g)(3)(ii)(J)

Bandwidth certifies that it complies with its Universal Service Fund contribution obligations under 47 C.F.R. 54, subpart H, its Telecommunications Relay Service contribution obligations under 47 CFR § 64.604(c)(5)(iii), its North American Numbering Plan and Local Number Portability Administration contribution obligations under 47 C.F.R. §§ 52.17 and 52.32, its obligations to pay regulatory fees under 47 C.F.R. § 1.1154, and its obligations under 47 C.F.R. part 9.

F. 52.15(g)(3)(ii)(K)

Bandwidth, and its subsidiaries and affiliates, certify they have the financial, managerial and technical expertise to provide reliable service. Bandwidth Inc. is a publicly traded corporation on the NASDAQ (BAND). Its filings with the United States Securities and Exchange Commission are at <https://www.investors.bandwidth.com>.

The Company is led by a strong, experienced management team with substantial managerial experience in the telecommunications industry and has sufficient technical expertise and infrastructure in place to provide reliable numbering services. Biographies of Bandwidth's key management personnel are attached as ***Exhibit E***. None of the identified personnel are being or have been investigated by the Commission or any law enforcement or regulatory agency for failure to comply with any law, rule or order.

G. § 52.15(g)(3)(ii)(M)

Bandwidth certifies that no party to this application is subject to denial of Federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 862.

II. ACKNOWLEDGEMENT OF CONDITIONS IN SECTION 52.15(g)(3)(x)

Bandwidth will maintain the accuracy of all contact information and certifications in this application and will file any corrections or revisions with the Commission and each applicable state within 30 days of the changes as required by Section 52.15(g)(3)(x).

III. CONCLUSION

Bandwidth requests that the Commission grant this application for authorization to obtain numbering resources.

Respectfully submitted,

/s/ Gregory L. Rogers

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/s/ Tamar E. Finn

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Counsel for Bandwidth, Inc.

Dated: April 16, 2024

EXHIBIT A

ADDITIONAL CERTIFICATIONS OF BANDWIDTH INC.

In its Second Report and Order and Second Notice of Proposed Rulemaking in Docket FCC 23-75A1, the FCC expanded the information required by an entity seeking authorization to obtain numbering resources. While those requirements have not become effective, Bandwidth includes that information here.

A. § 52.15(g)(3)(ii)(C) (Effective Date To Be Determined)

Bandwidth Inc. certifies that the applicant will not use the numbers obtained pursuant to an authorization under this paragraph to knowingly transmit, encourage, assist, or facilitate illegal robocalls, illegal spoofing, or fraud, in violation of robocall, spoofing, and deceptive telemarketing obligations under §§ 64.1200, 64.1604, and 64.6300, and 16 CFR 310.3(b);

B. § 52.15(g)(3)(ii)(D) (Effective Date To Be Determined)

Bandwidth Inc. certifies it has fully complied with all applicable STIR/SHAKEN caller ID authentication and robocall mitigation program requirements and maintains certification in the Robocall Mitigation Database as required by §§ 64.6301 to 64.6305;

C. § 52.15(g)(3)(ii)(E) (Effective Date To Be Determined)

Bandwidth Inc. certifies that it complies with its 911 obligations under part 9 of this chapter, and that it complies with the provisions of the Federal Communications Commission FCC 23-75. Evidence in support of this certification can be found in ***Confidential Exhibit C***.

D. § 52.15(g)(3)(ii)(F) (Effective Date To Be Determined)

Bandwidth Inc. certifies that it complies with the Access Stimulation rules under CFR § 51.914.

E. § 52.15(g)(3)(ii)(I) (Effective Date To Be Determined)

Bandwidth certifies it has filed FCC Forms 477 and 499. The most recent confirmation receipts can be provided upon request.

F. Information required under 47 CFR § 63.18(h)

The following individuals or entities directly or indirectly own at least 10 percent of the equity of Bandwidth;

David Morken, Founder and CEO
2230 Bandwidth Way
Raleigh, NC
Citizenship: United States
Equity Interest: 26.8 percent

Henry Kaestner
2230 Bandwidth Way
Raleigh, NC
Citizenship: United States
Equity Interest: 19.5 percent

BlackRock Inc.
55 East 52nd Street
New York, NY 10055
Citizenship: Delaware, United States
Equity Interest: 11.5 percent

BlackRock's interest was determined from Bandwidth's proxy information dated April 4, 2023. BlackRock lists 15 subsidiaries that holder a 5 percent or greater interest. No person holds an economic interest in the shares that exceeds 5 percent. BlackRock is a Delaware corporation and provides investment, advisory and risk management solutions and services,

No foreign individual or foreign entity (including foreign governments) directly or indirectly own at least 10 percent of the equity of Bandwidth.

G. Certification Required under 47 CFR § 63.18(i)

Bandwidth certifies that it is the parent and sole shareholder of Bandwidth Communications Canada, Inc.; Voxbone SA; Voxbone Telekomünikasyon ve lietişim Hiz. Tic. Ltd; Voxbone El Salvador S.A. DE C.V.; and Voxbone Panama Inc.

Bandwidth Communications Canada, Inc. holds licenses to operate in Canada.

Voxbone SA holds licenses (or a general authorization) to operate in the following jurisdictions:

Canada	Austria	Belgium	Bulgaria	Croatia
Cyprus	Czech Rep.	Estonia	Finland	France
Germany	Denmark	Greece	Hungary	Ireland
Italy	Latvia	Lithuania	Luxembourg	Malta
Poland	Portugal	Romania	Slovakia	Slovenia
Spain	Sweden	Georgia	Norway	Switzerland
Argentina	Australia	Dominican Republic	Hong Kong	Japan
New Zealand	Singapore	South Korea	China	United Kingdom
Israel	Jordan	Qatar	Saudi Arabia	South Africa
Egypt	Chile	China	Colombia	Brazil
Malaysia	Peru	Philippines	Singapore	Taiwan
Thailand	Vietnam			

Voxbone Telekomünikasyon ve İletişim Hiz. Tic. Ltd holds a license in Turkey.

Voxbone El Salvador S.A. DE C.V. holds license in El Salvador.

Voxbone Panama Inc. holds a license in Panama.

REDACTED - FOR PUBLIC INSPECTION

CONFIDENTIAL EXHIBIT B

CONFIDENTIAL – REDACTED IN ITS ENTIRETY

REDACTED - FOR PUBLIC INSPECTION

CONFIDENTIAL EXHIBIT C

CONFIDENTIAL – REDACTED IN ITS ENTIRETY

REDACTED - FOR PUBLIC INSPECTION

EXHIBIT D

INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996

ILLINOIS BELL TELEPHONE COMPANY d/b/a AT&T ILLINOIS,
INDIANA BELL TELEPHONE COMPANY INCORPORATED d/b/a AT&T INDIANA,
MICHIGAN BELL TELEPHONE COMPANY d/b/a AT&T MICHIGAN,
NEVADA BELL TELEPHONE COMPANY d/b/a AT&T NEVADA,
THE OHIO BELL TELEPHONE COMPANY d/b/a AT&T OHIO,
PACIFIC BELL TELEPHONE COMPANY d/b/a AT&T CALIFORNIA,
THE SOUTHERN NEW ENGLAND TELEPHONE COMPANY d/b/a AT&T
CONNECTICUT,
SOUTHWESTERN BELL TELEPHONE COMPANY d/b/a AT&T ARKANSAS, AT&T
KANSAS, AT&T MISSOURI, AT&T OKLAHOMA AND/OR AT&T TEXAS
AND/OR WISCONSIN BELL, INC. d/b/a AT&T WISCONSIN

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Kansas Pricing Schedule - UNE	PRICING SCHEDULE-UNE-KS
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**INTERCONNECTION AND/OR RESALE AGREEMENT UNDER
SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF
1996**

between one or more of

Illinois Bell Telephone Company d/b/a AT&T Illinois,
Indiana Bell Telephone Company Incorporated d/b/a AT&T
Indiana,
Michigan Bell Telephone Company d/b/a AT&T Michigan,
Nevada Bell Telephone Company d/b/a AT&T Nevada,
The Ohio Bell Telephone Company d/b/a AT&T Ohio,
Pacific Bell Telephone Company d/b/a AT&T California,
The Southern New England Telephone Company d/b/a AT&T
Connecticut,
Southwestern Bell Telephone Company d/b/a AT&T Arkansas,
AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T
Texas,
Wisconsin Bell, Inc. d/b/a AT&T Wisconsin

and

Bandwidth.com CLEC, LLC

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INTERCONNECTION AND/OR RESALE AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996

This Interconnection and/or Resale Agreement under Sections 251 and 252 of the Telecommunications Act of 1996 (the Agreement), by and between one or more of the AT&T Inc. owned ILEC Illinois Bell Telephone Company d/b/a AT&T Illinois, Indiana Bell Telephone Company Incorporated d/b/a AT&T Indiana, Michigan Bell Telephone Company d/b/a AT&T Michigan, Nevada Bell Telephone Company d/b/a AT&T Nevada, The Ohio Bell Telephone Company d/b/a AT&T Ohio, Pacific Bell Telephone Company d/b/a AT&T California, The Southern New England Telephone Company d/b/a AT&T Connecticut, Southwestern Bell Telephone Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and AT&T Texas, and Wisconsin Bell, Inc. d/b/a AT&T Wisconsin, (only to the extent that the agent for each such AT&T-owned ILEC executes this Agreement for such AT&T-owned ILEC and only to the extent that such AT&T-owned ILEC provides Telephone Exchange Services as an ILEC in each of the state(s) listed below) and Bandwidth.com CLEC, LLC ("CLEC"), (a Delaware corporation), shall apply to the State(s) of Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

WHEREAS, CLEC represents that it is, or intends to become, a provider of Telephone Exchange Service to residential and business End Users offered exclusively over its own Telephone Exchange Service facilities or predominantly over its own Telephone Exchange Service facilities in combination with the use of Lawful unbundled network elements purchased from other entity(ies) and the resale of Telecommunications Services of other carriers.

WHEREAS, the Parties want to Interconnect their networks at mutually agreed upon points of interconnection to provide Telephone Exchange Services and Exchange Access to residential and business End Users over their respective Telephone Exchange Service facilities in the state or states which are subject to this Agreement; and

WHEREAS, the Parties are entering into this Agreement to set forth the respective obligations of the Parties and the terms and conditions under which the Parties will Interconnect their networks and facilities and provide to each other services as required by the Telecommunications Act of 1996 as specifically set forth herein; and

WHEREAS, for purposes of this Agreement, CLEC intends to operate where one or more of Illinois Bell Telephone Company d/b/a AT&T Illinois, Indiana Bell Telephone Company Incorporated d/b/a AT&T Indiana, Michigan Bell Telephone Company d/b/a AT&T Michigan, Nevada Bell Telephone Company d/b/a AT&T Nevada, The Ohio Bell Telephone Company d/b/a AT&T Ohio, Pacific Bell Telephone Company d/b/a AT&T California, The Southern New England Telephone Company d/b/a AT&T Connecticut, Southwestern Bell Telephone Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and AT&T Texas, and Wisconsin Bell, Inc. d/b/a AT&T Wisconsin is the incumbent Local Exchange Carrier(s) and CLEC, a competitive Local Exchange Carrier, has or, prior to the provisioning of any Interconnection, access to Lawful unbundled network elements, Telecommunications Services or any other functions, facilities, products or services hereunder, will have been granted authority to provide certain local Telephone Exchange Services in the foregoing ILEC Service areas by the appropriate State Commission(s);

NOW, THEREFORE, the Parties hereby agree as follows:

This Agreement is composed of General Terms and Conditions, which are set forth below, together with certain Appendices, Attachments, Schedules, Exhibits and Addenda which immediately follow this Agreement, all of which are hereby incorporated in this Agreement by this reference and constitute a part of this Agreement.

GENERAL TERMS AND CONDITIONS

1. DEFINITIONS

Capitalized Terms used in this Agreement shall have the respective meanings specified below, in Section 1 of each Appendix attached hereto, and/or as defined elsewhere in this Agreement.

1.1 General Definitions

- 1.1.1 "**Act**" means the Communications Act of 1934 [47 U.S.C. 153], as amended by the Telecommunications Act of 1996, Public Law 104-104, 110 Stat. 56 (1996) codified throughout 47 U.S.C.
- 1.1.2 "**Access Compensation**" is the compensation paid by one Party to the other Party for the origination/termination of intraLATA toll calls to/from its End User. Access compensation is in accordance with the LEC's tariffed access rates.
- 1.1.3 "**Access Service Request**" (ASR) is an industry standard form used by the Parties to add, establish, change or disconnect trunks for the purposes of Interconnection.
- 1.1.4 "**Accessible Letters**" are correspondence used to communicate pertinent information regarding AT&T-13STATE to the client/End User community.
- 1.1.5 "**Advanced Services**" means intrastate or interstate wireline Telecommunications Services, such as ADSL, IDSL, xDSL, Frame Relay, Cell Relay and VPOP-Dial Access Service (an AT&T-13STATE Frame Relay-based service) that rely on packetized technology and have the capability of supporting transmission speeds of at least 56 kilobits per second in both directions. This definition of Advanced Services does not include:
 - 1.1.5.1 Data services that are not primarily based on packetized technology, such as ISDN,
 - 1.1.5.2 x.25-based and x.75-based packet technologies, or
 - 1.1.5.3 Circuit switched services (such as circuit switched voice grade service) regardless of the technology, protocols or speeds used for the transmission of such services.
- 1.1.6 "**Affiliate**" is As Defined in the Act.
- 1.1.7 "**Alternate Billing Service**" (ABS) or "**Alternately Billed Traffic**" (ABT) means a service that allows End Users to bill calls to accounts that may not be associated with the originating line. There are three types of ABS calls: calling card, collect and third number billed calls.
- 1.1.8 "**Applicable Law**" means all laws, statutes, common law, regulations, ordinances, codes, rules, guidelines, orders, permits, tariffs and approvals, including those relating to the environment or health and safety, of any Governmental Authority that apply to the Parties or the subject matter of this Agreement.
- 1.1.9 "**As Defined in the Act**" means as specifically defined by the Act.
- 1.1.10 "**As Described in the Act**" means as described in or required by the Act.
- 1.1.11 "**AT&T Inc.**" (AT&T) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a AT&T Illinois, Indiana Bell Telephone Company Incorporated d/b/a AT&T Indiana, Michigan Bell Telephone Company d/b/a AT&T Michigan, Nevada Bell Telephone Company d/b/a AT&T Nevada, The Ohio Bell Telephone Company d/b/a AT&T Ohio, Pacific Bell Telephone Company d/b/a AT&T California, The Southern New England Telephone Company d/b/a AT&T Connecticut, Southwestern Bell Telephone Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas, and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin.

- 1.1.12 "AT&T-2STATE" - As used herein, AT&T-2STATE means AT&T CALIFORNIA and AT&T NEVADA (and previously referred to as "SBC-2STATE"), the applicable AT&T-owned ILEC(s) doing business in California and Nevada.
- 1.1.13 "AT&T-4STATE" - As used herein, AT&T-4STATE means Southwestern Bell Telephone Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, and AT&T Oklahoma (and previously referred to as "SBC-4STATE"), the applicable AT&T-owned ILEC(s) doing business in Arkansas, Kansas, Missouri and Oklahoma.
- 1.1.14 "AT&T-7STATE" - As used herein, AT&T-7STATE means AT&T SOUTHWEST REGION 5-STATE, AT&T CALIFORNIA and AT&T NEVADA (and previously referred to as "SBC-7STATE"), the applicable AT&T-owned ILEC(s) doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma and Texas.
- 1.1.15 "AT&T-8STATE" - As used herein, AT&T-8STATE means AT&T SOUTHWEST REGION 5-STATE, AT&T CALIFORNIA, AT&T NEVADA, and AT&T CONNECTICUT (and previously referred to as "SBC-8STATE"), the applicable AT&T-owned ILEC(s) doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma and Texas.
- 1.1.16 "AT&T-10STATE" - As used herein, AT&T-10STATE means AT&T SOUTHWEST REGION 5-STATE and AT&T MIDWEST REGION 5-STATE (and previously referred to as "SBC-10STATE"), the applicable AT&T-owned ILEC(s) doing business in Arkansas, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Texas and Wisconsin.
- 1.1.17 "AT&T-12STATE" - As used herein, AT&T-12STATE means AT&T SOUTHWEST REGION 5-STATE, AT&T MIDWEST REGION 5-STATE and AT&T-2STATE (and previously referred to as "SBC-12STATE"), the applicable AT&T-owned ILEC(s) doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin.
- 1.1.18 "AT&T-13STATE" - As used herein, AT&T-13STATE means AT&T SOUTHWEST REGION 5-STATE, AT&T MIDWEST REGION 5-STATE, AT&T-2STATE and AT&T CONNECTICUT (and previously referred to as "SBC-13STATE"), the applicable AT&T-owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin.
- 1.1.19 "AT&T ARKANSAS" - As used herein, AT&T ARKANSAS means Southwestern Bell Telephone Company d/b/a AT&T Arkansas (and previously referred to as "SBC Arkansas"), the applicable AT&T-owned ILEC doing business in Arkansas.
- 1.1.20 "AT&T CALIFORNIA" - As used herein, AT&T CALIFORNIA means Pacific Bell Telephone Company d/b/a AT&T California (and previously referred to as "SBC California"), the applicable AT&T-owned ILEC doing business in California.
- 1.1.21 "AT&T CONNECTICUT" - As used herein, AT&T CONNECTICUT means The Southern New England Telephone Company d/b/a AT&T Connecticut (and previously referred to as "SBC Connecticut"), the applicable above listed ILEC doing business in Connecticut.
- 1.1.22 "AT&T KANSAS" - As used herein, AT&T KANSAS means Southwestern Bell Telephone Company d/b/a AT&T Kansas (and previously referred to as "SBC Kansas"), the applicable AT&T-owned ILEC doing business in Kansas.
- 1.1.23 "AT&T ILLINOIS" - As used herein, AT&T ILLINOIS means Illinois Bell Telephone Company d/b/a AT&T Illinois (and previously referred to as "SBC Illinois"), the applicable AT&T-owned ILEC doing business in Illinois.
- 1.1.24 "AT&T INDIANA" - As used herein, AT&T INDIANA means Indiana Bell Telephone Company, Incorporated d/b/a AT&T Indiana (and previously referred to as "SBC Indiana"), the applicable AT&T-owned ILEC doing business in Indiana.

- 1.1.25 "**AT&T MICHIGAN**" - As used herein, **AT&T MICHIGAN** means Michigan Bell Telephone Company d/b/a AT&T Michigan (and previously referred to as "SBC Michigan"), the applicable AT&T-owned ILEC doing business in Michigan.
- 1.1.26 "**AT&T MIDWEST REGION 5-STATE**" - As used herein, **AT&T MIDWEST REGION 5-STATE** means Illinois Bell Telephone Company d/b/a AT&T Illinois, Indiana Bell Telephone Company Incorporated d/b/a AT&T Indiana, Michigan Bell Telephone Company d/b/a AT&T Michigan, The Ohio Bell Telephone Company d/b/a AT&T Ohio, and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin (and previously referred to as "SBC MIDWEST REGION 5-STATE"), the applicable AT&T-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio and Wisconsin.
- 1.1.27 "**AT&T MISSOURI**" - As used herein, **AT&T MISSOURI** means Southwestern Bell Telephone Company d/b/a AT&T Missouri (and previously referred to as "SBC Missouri"), the applicable AT&T-owned ILEC doing business in Missouri.
- 1.1.28 "**AT&T NEVADA**" - As used herein, **AT&T NEVADA** means Nevada Bell Telephone Company d/b/a AT&T Nevada (and previously referred to as "SBC Nevada"), the applicable AT&T-owned ILEC doing business in Nevada.
- 1.1.29 "**AT&T OHIO**" - As used herein, **AT&T OHIO** means The Ohio Bell Telephone Company d/b/a AT&T Ohio (and previously referred to as "SBC Ohio"), the applicable AT&T-owned ILEC doing business in Ohio.
- 1.1.30 "**AT&T OKLAHOMA**" - As used herein, **AT&T OKLAHOMA** means Southwestern Bell Telephone Company d/b/a AT&T Oklahoma (and previously referred to as "SBC Oklahoma"), the applicable AT&T-owned ILEC doing business in Oklahoma.
- 1.1.31 "**AT&T SOUTHWEST REGION 5-STATE**" - As used herein, **AT&T SOUTHWEST REGION 5-STATE** means Southwestern Bell Telephone Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas (and previously referred to as "SBC SOUTHWEST REGION 5-STATE"), the applicable above listed ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma and Texas.
- 1.1.32 "**AT&T TEXAS**" - As used herein, **AT&T TEXAS** means Southwestern Bell Telephone Company d/b/a AT&T Texas (and previously referred to as "SBC Texas"), the applicable AT&T-owned ILEC doing business in Texas.
- 1.1.33 "**AT&T WISCONSIN**" - As used herein, **AT&T WISCONSIN** means Wisconsin Bell, Inc. d/b/a AT&T Wisconsin (and previously referred to as "SBC Wisconsin"), the applicable AT&T-owned ILEC doing business in Wisconsin.
- 1.1.34 "**Automated Message Accounting**" (**AMA**) is a structure inherent in switch technology that initially records Telecommunication message information. AMA format is contained in the Automated Message Accounting document published by Telcordia (formerly known as Bellcore) as GR-1100-CORE, which defines and amends the industry standard for message recording.
- 1.1.35 "**Bona Fide Request**" (**BFR**) is the process described in the applicable Appendix Lawful UNEs.
- 1.1.36 "**Business Day**" means Monday through Friday, excluding holidays on which the applicable AT&T-owned ILEC does not provision new retail services and products.
- 1.1.37 "**Busy Line Verification**" (**BLV**) means a service whereby an End User requests an operator to confirm the busy status of a line.
- 1.1.38 "**CABS**" means the Carrier Access Billing System.
- 1.1.39 "**Calling Name Delivery Service**" (**CNDS**) means a service that enables a terminating End User to identify the calling party by a displayed name before a call is answered. The calling party's name is retrieved from a Calling Name Database and delivered to the End User's premise between the first and second ring for display on compatible End User premises equipment.

- 1.1.40 "Central Automatic Message Accounting (CAMA) Trunk" means a trunk that uses Multi-Frequency (MF) signaling to transmit calls from CLEC's switch to an AT&T-13STATE E911 Selective Router.
- 1.1.41 "Centralized Message Distribution System" (CMDS) means the transport system that LECs use to exchange outcollect and Carrier Access Billing System "CABS" access messages among each other and other Parties connected to CMDS.
- 1.1.42 "Central Office Switch" (Central Office) is a switching entity within the public switched telecommunications network, including but not limited to:
- 1.1.42.1 "End Office Switch" or "End Office" is a switching machine that **directly** terminates traffic to and receives traffic from purchasers of local exchange services. An End Office Switch does not include a PBX.
- 1.1.42.2 "Tandem Office Switch" or "Tandem(s)" are used to connect and switch trunk circuits between and among other Central Office Switches. A Tandem Switch does not include a PBX.
- 1.1.43 "Charge Number" is a CCS signaling parameter that refers to the number transmitted through the network identifying the billing number of the calling party.
- 1.1.44 "Claim" means any pending or threatened claim, action, proceeding or suit.
- 1.1.45 "Collocation" is an arrangement where a CLEC leases space at an AT&T-13STATE premises for the placement of equipment necessary for interconnection or access to AT&T-13STATE Lawful UNEs.
- 1.1.46 "Commercial Mobile Radio Services" (CMRS) means Commercial Mobile Radio Service, As Defined in the Act and FCC rules.
- 1.1.47 "Commission" means the applicable State agency with regulatory authority over Telecommunications. Unless the context otherwise requires, use of the term "**Commissions**" means all of the thirteen agencies listed in this Section. The following is a list of the appropriate State agencies:
- 1.1.47.1 the Arkansas Public Service Commission (AR-PSC);
- 1.1.47.2 Public Utilities Commission of the State of California (CA-PUC);
- 1.1.47.3 the Connecticut Department of Public Utility Control (DPUC);
- 1.1.47.4 the Illinois Commerce Commission (IL-CC);
- 1.1.47.5 the Indiana Utilities Regulatory Commission (IN-URC);
- 1.1.47.6 the Kansas Corporation Commission (KS-CC);
- 1.1.47.7 the Michigan Public Service Commission (MI-PSC);
- 1.1.47.8 the Missouri Public Service Commission (MO-PSC);
- 1.1.47.9 the Public Utilities Commission of Nevada (NV-PUC);
- 1.1.47.10 the Public Utilities Commission of Ohio (PUC-OH);
- 1.1.47.11 the Oklahoma Corporation Commission (OK-CC);
- 1.1.47.12 the Public Utility Commission of Texas (PUC-TX); and
- 1.1.47.13 the Public Service Commission of Wisconsin (PSC-WI).
- 1.1.48 "Common Channel Signaling" (CCS) means an out-of-band, packet-switched, signaling network used to transport supervision signals, control signals, and data messages. It is a special network, fully separate from the transmission path of the public switched network. Unless otherwise agreed by the Parties, the CCS protocol used by the Parties shall be SS7.
- 1.1.49 "Common Language Location Identifier" (CLLI) codes provide a unique 11-character representation of a network interconnection point. The first 8 characters identify the city, state and building location, while the last 3 characters identify the network component.

- 1.1.50 "**Consequential Damages**" means Losses claimed to have resulted from any indirect, incidental, reliance, special, consequential, punitive, exemplary, multiple or any other Loss, including damages claimed to have resulted from harm to business, loss of anticipated revenues, savings, or profits, or other economic Loss claimed to have been suffered not measured by the prevailing Party's actual damages, and regardless of whether the Parties knew or had been advised of the possibility that such damages could result in connection with or arising from anything said, omitted, or done hereunder or related hereto, including willful acts or omissions.
- 1.1.51 "**Customer Usage Data**" means the Telecommunications Services usage data of a CLEC End User measured in minutes, sub-minute increments, message units, or otherwise, that is recorded by AT&T-13STATE and forwarded to CLEC.
- 1.1.52 "**Custom Local Area Signaling Service Features**" (CLASS) means certain call-management service features that are currently available from AT&T-13STATE's local networks. These could include: Automatic Call Back; Automatic Recall; Call Trace; Caller Identification and related blocking features; Calling Number Delivery; Customer Originated Trace; Distinctive Ringing/Call Waiting; Selective Call Forward; and Selective Call Rejection.
- 1.1.53 "**Customer Name and Address Information**" (CNA) means the name, service address and telephone numbers of a Party's End Users for a particular Exchange Area. CNA includes nonpublished listings, coin telephone information and published listings.
- 1.1.54 "**Data Interexchange Carrier**" (DIXC) is a process designed to facilitate the reciprocal exchange of voice traffic load data between the AT&T-13STATE and CLECs interconnecting with its network. This reciprocal exchange of data enables AT&T-13STATE and each CLEC to have a complete view of traffic loads on both ends of two-way trunk groups. The knowledge of call attempt and overflow data counts on both ends of a two-way trunk group enables each company to more accurately estimate the offered, and thereby better estimate, the required quantities of trunks.
- 1.1.55 "**Declassified**" or "**Declassification**" means the situation where a network element, including a network element referred to as a Lawful UNE under this Agreement, ceases to be a Lawful UNE under this Agreement because it is no longer required by Section 251(c)(3) of the Act, as determined by lawful and effective FCC rules and associated lawful and effective FCC and judicial orders. Without limitation, a Lawful UNE that has ceased to be a Lawful UNE may also be referred to as "Declassified."
- 1.1.56 "**Delaying Event**" means any failure of a Party to perform any of its obligations set forth in this Agreement, caused in whole or in part by:
- 1.1.56.1 the failure of the other Party to perform any of its obligations set forth in this Agreement, including but not limited to a Party's failure to provide the other Party with accurate and complete Service Orders;
- 1.1.56.2 any delay, act or failure to act by the other Party or its End User, agent or subcontractor; or
- 1.1.56.3 any Force Majeure Event.
- 1.1.57 "**Dialing Parity**" is As Defined in the Act. As used in this Agreement, Dialing Parity refers to both Local Dialing Parity and Toll Dialing Parity.
- 1.1.58 "**Digital Signal Level**" is one of several transmission rates in the time-division multiplex hierarchy.
- 1.1.58.1 "**Digital Signal Level 0**" (DS-0) is the 64 Kbps zero-level signal in the time-division multiplex hierarchy.
- 1.1.58.2 "**Digital Signal Level 1**" (DS-1) is the 1.544 Mbps first-level signal in the time-division multiplex hierarchy.

- 1.1.58.3 "Digital Signal Level 3" (DS-3) is the 44.736 Mbps third-level signal in the time-division multiplex hierarchy.
- 1.1.59 "Digital Subscriber Line" (DSL) is as defined in the applicable Appendix DSL and/or the applicable tariff, as appropriate.
- 1.1.60 "Electronic File Transfer" is any system or process that utilizes an electronic format and protocol to send or receive data files.
- 1.1.61 "End Users" means a third-party residence or business that subscribes to Telecommunications Services provided by any of the Parties at retail. As used herein, the term "End Users" does not include any of the Parties to this Agreement with respect to any item or service obtained under this Agreement.
- 1.1.62 "Enhanced Service Provider" (ESP) is a provider of enhanced services as those services are defined in 47 CFR Section 64.702.
- 1.1.63 "Exchange Access" is As Defined in the Act.
- 1.1.64 "Exchange Area" means an area, defined by the Commission, for which a distinct local rate schedule is in effect.
- 1.1.65 "Exchange Message Interface" (EMI) (formerly Exchange Message Record - EMR) is the standard used for exchange of Telecommunications message information among Telecommunications Carriers for billable, non-billable, sample, settlement and study data. EMI format is contained in Telcordia Practice BR-010-200-010, CRIS Exchange Message Record.
- 1.1.66 "Exchange Service" means Telephone Exchange Service, As Defined in the Act.
- 1.1.67 "Feature Group A" (FGA) means calls either originated by, or delivered to, an End User who has purchased switched access FGA service from the interstate or intrastate tariffs of either Party. FGA also includes, but is not limited to, FGA-like services provided by either Party, where calls are originated from and/or delivered to numbers which are assigned to a Rate Center within one LATA but where the Party receiving the call is physically located in a LATA different than the LATA of the Party originating the call.
- 1.1.68 "Feature Group D" (FGD) is access available to all customers, providing trunk side access to a Party's End Office Switches with an associated uniform 101XXXX access code for customer's use in originating and terminating communications.
- 1.1.69 "FCC" means the Federal Communications Commission.
- 1.1.70 "Fiber Meet" means an Interconnection architecture method whereby the Parties physically Interconnect their networks via an optical fiber interface (as opposed to an electrical interface) at a mutually agreed upon location, at which one Party's responsibility or service begins and the other Party's responsibility ends.
- 1.1.71 "Foreign Exchange" (FX) or "FX-like" service means a retail service offering which allows FX customers to obtain exchange service from a mandatory local calling area other than the mandatory local calling area where the FX customer is physically located, but within the same LATA as the number that is assigned. FX service enables particular end-user customers to avoid what might otherwise be toll calls between the FX customer's physical location and customers in the foreign exchange. "FX Telephone Numbers" are those telephone numbers with rating and routing point that are different from those of the geographic area in which the end user is physically located. FX Telephone Numbers that deliver second dial tone and the ability for the calling party to enter access codes and an additional recipient telephone number remain classified as Feature Group A (FGA) calls, and are subject to the originating and terminating carrier's tariffed Switched Exchange Access rates (also known as "Meet Point Billed" compensation).

- 1.1.72 "**Fraud Monitoring System**" means an off-line administration system that monitors suspected occurrences of ABT-related fraud.
- 1.1.73 "**Governmental Authority**" means any federal, state, local, foreign, or international court, government, department, commission, board, bureau, agency, official, or other regulatory, administrative, legislative, or judicial authority with jurisdiction over the subject matter at issue.
- 1.1.74 "**Incumbent Local Exchange Carrier**" (ILEC) is As Defined in the Act.
- 1.1.75 "**Intellectual Property**" means copyrights, patents, trademarks, trade secrets, mask works and all other intellectual property rights.
- 1.1.76 "**Integrated Digital Loop Carrier**" means a subscriber loop carrier system that is twenty-four (24) local Loop transmission paths combined into a 1.544 Mbps digital signal which integrates within the switch at a DS1 level.
- 1.1.77 "**Integrated Services Digital Network**" (ISDN) means a switched network service that provides end-to-end digital connectivity for the simultaneous transmission of voice and data. Basic Rate Interface-ISDN (BRI-ISDN) provides for a digital transmission of two 64 Kbps bearer channels and one 16 Kbps data channel (2B+D).
- 1.1.78 "**Interconnection**" is As Defined in the Act.
- 1.1.79 "**Interconnection Activation Date**" is the date that the construction of the joint facility Interconnection arrangement has been completed, trunk groups have been established, joint trunk testing is completed and trunks have been mutually accepted by the Parties.
- 1.1.80 "**Interexchange Carrier**" (IXC) means a carrier that provides, directly or indirectly, interLATA or intraLATA Telephone Toll Services.
- 1.1.81 "**InterLATA**" is As Defined in the Act.
- 1.1.82 "**Intermediate Distribution Frame**" (IDF) is a second frame that augments an existing Main Distribution Frame. Lines or outside cables do not terminate on the IDF.
- 1.1.83 "**Internet Service Provider**" (ISP) is an Enhanced Service Provider that provides Internet Services, and is defined in paragraph 341 of the FCC's First Report and Order in CC Docket No. 97-158.
- 1.1.84 "**ISP-Bound Traffic**" shall mean telecommunications traffic, in accordance with the FCC's Order on Remand and Report and Order, In the Matter of Implementation of the Local Compensation Provisions in the Telecommunications Act of 1996, Intercarrier Compensation for ISP-Bound Traffic, FCC 01-131, CC Docket Nos. 96-98, 99-68 (rel. April, 27, 2001) ("FCC ISP Compensation Order"), "ISP-Bound Traffic" shall mean exchanged between CLEC and AT&T-13STATE in which the originating End User of one Party and the ISP served by the other Party are:
- a. both physically located in the same ILEC Local Exchange Area as defined by the ILEC's Local (or "General") Exchange Tariff on file with the applicable state commission or regulatory agency; or
 - b. both physically located within neighboring ILEC Local Exchange Areas that are within the same common mandatory local calling area. This includes, but it is not limited to, mandatory Extended Area Service (EAS), mandatory Extended Local Calling Service (ELCS) or other types of mandatory expanded local calling scopes.
- 1.1.85 "**IntraLATA Toll Traffic**" means the IntraLATA traffic between two locations within one LATA where one of the locations lies outside of the normal local calling area as defined by the applicable Commission.
- 1.1.86 "**Jurisdictional Identification Parameter**" (JIP) is an existing six (6) digit (NPA-NXX) field in the SS7 message. This field designates the first point of switching.

- 1.1.87 "**Lawful**," when used in relation to unbundling, unbundled network elements, network elements and/or UNEs or activities involving UNEs, means required by Section 251(c)(3) of the Act, as determined by lawful and effective FCC rules and associated lawful and effective FCC and judicial orders.
- 1.1.88 "**Line Information Data Base**" (**LIDB**) means a transaction-oriented database system that functions as a centralized repository for data storage and retrieval. LIDB is accessible through CCS networks. LIDB contains records associated with End User line numbers and special billing numbers.
- 1.1.89 "**Local Access Transport Area**" (**LATA**) is As Defined in the Act.
- 1.1.90 "**Local Exchange Carrier**" (**LEC**) is As Defined in the Act.
- 1.1.91 "**Local Exchange Routing Guide**" (**LERG**) is a Telcordia Reference document used by Telecommunications Carriers to identify NPA-NXX routing and homing information as well as Network element and equipment designations.
- 1.1.92 "**Local Interconnection Trunks/Trunk Groups**" are used for the termination of Local Exchange Traffic, pursuant to Telcordia Technical Reference GR-317-CORE.
- 1.1.93 "**Local Loop Transmission**", "**Lawful Unbundled Local Loop**", "**Loop**" means the transmission path which extends from the Network Interface Device or demarcation point at an End User's premise to the Main Distribution Frame or other designated frame or panel in the AT&T-13STATE Serving Wire Center.
- 1.1.94 "**Local Number Portability**" (**LNP**) means the ability of users of Telecommunications Services to retain, at the same location, the presence of a previously existing telephone number(s).
- 1.1.95 "**Location Routing Number**" (**LRN**) is a ten (10) digit number that is assigned to the network switching elements (Central Office – Host and Remotes as required) for the routing of calls in the network. The first six (6) digits of the LRN will be one of the assigned NPA NXX of the switching element. The purpose and functionality of the last four (4) digits of the LRN have not yet been defined but are passed across the network to the terminating switch.
- 1.1.96 "**Local Service Provider**" (**LSP**) is the LEC that provides retail local Exchange Service to an End User. The LSP may or may not provide any physical network components to support the provision of that End User's service.
- 1.1.97 "**Loss**" or "**Losses**" means any and all losses, costs (including court costs), claims, damages (including fines, penalties, and criminal or civil judgments and settlements), injuries, liabilities and expenses (including attorneys' fees).
- 1.1.98 "**MECAB**" refers to the Multiple Exchange Carrier Access Billing document prepared by the Billing Committee of the Ordering and Billing Forum "OBF", which functions under the auspices of the Carrier Liaison Committee "CLC of the Alliance for Telecommunications Industry Solutions "ATIS". The MECAB document, published by ATIS as ATIS/OBF-MECAB-Issue 6, February 1998, contains the recommended guidelines for the billing of access services provided to an IXC by two or more LECs, or by one LEC in two or more states within a single LATA.
- 1.1.99 "**MECOD**" refers to the Multiple Exchange Carriers Ordering and Design Guidelines for Access Services - Industry Support Interface, a document developed by the Ordering/Provisioning Committee of the OBF, which functions under the auspices of the CLC of ATIS. The MECOD document, published by ATIS as ATIS/OBF-MECAB-Issue 3, February 1993, establishes methods for processing orders for access service which is to be provided to an IXC by two or more telecommunications providers.
- 1.1.100 "**Meet-Point Billing**" (**MPB**) refers to the billing associated with interconnection of facilities between two or more LECs for the routing of traffic to and from an IXC with which one of the

LECs does not have a direct connection. In a multi-bill environment, each Party bills the appropriate tariffed rate for its portion of a jointly provided Switched Exchange Access Service.

1.1.101 "**Multiple Bill/Single Tariff**" is a billing method used when Switched Exchange Access Services is jointly provided by the Parties. As described in the MECAB document, each Party will render a bill in accordance with its own tariff for that portion of the service it provides. Each Party will bill its own network access service rates.

1.1.102 "**Network Data Mover**" (NDM) is an industry standard protocol for transferring information electrically.

1.1.103 "**Network Element**" is As Defined in the Act.

1.1.104 "**North American Numbering Plan**" (NANP) A numbering architecture in which every station in the NANP Area is identified by a unique ten-digit address consisting of a three-digit NPA code, a three digit central office code of the form NXX, and a four-digit line number of the form XXXX.

1.1.105 "**Numbering Plan Area**" (NPA) also called area code. An NPA is the 3-digit code that occupies the A, B, C positions in the 10-digit NANP format that applies throughout the NANP Area. NPAs are of the form NXX, where N represents the digits 2-9 and X represents any digit 0-9. In the NANP, NPAs are classified as either geographic or non-geographic. a) Geographic NPAs are NPAs which correspond to discrete geographic areas within the NANP Area. b) Non-geographic NPAs are NPAs that do not correspond to discrete geographic areas, but which are instead assigned for services with attributes, functionalities, or requirements that transcend specific geographic boundaries. The common examples are NPAs in the N00 format, e.g., 800.

1.1.106 "**Number Portability**" is As Defined in the Act.

1.1.107 "**NX**" or "**Central Office Code**" is the three-digit switch entity indicator that is defined by the fourth through sixth digits of a 10-digit telephone number within the NANP. Each NX Code contains 10,000 station numbers.

1.1.108 "**Ordering and Billing Forum**" (OBF) is a forum comprised of local telephone companies and inter-exchange carriers whose responsibility is to create and document Telecommunication industry guidelines and standards.

1.1.109 "**Out of Exchange LEC**" (OE-LEC) means Bandwidth.com CLEC, LLC operating within AT&T-13STATE's incumbent local exchange area and provides telecommunications services utilizing NPA-NXXs identified to reside in a Third Party Incumbent LEC's local exchange area.

1.1.110 "**Out of Exchange Traffic**" is defined as local, transit, or intraLATA traffic to or from a non-AT&T ILEC exchange area.

1.1.111 "**Party**" means either CLEC or the AT&T-owned ILEC; use of the term "Party" includes each of the AT&T-owned ILEC(s) that is a party to this Agreement. "**Parties**" means both CLEC and the AT&T-owned ILEC; use of the term "Parties" includes each of the AT&T-owned ILEC(s) that is a party to this Agreement.

1.1.112 "**Permanent Number Portability**" (PNP) is a long term method of providing LNP using LRN.

1.1.113 "**Person**" means an individual or a partnership, an association, a joint venture, a corporation, a business or a trust or other entity organized under Applicable law, an unincorporated organization or any Governmental Authority.

1.1.114 "**Physical Collocation**" is as defined in Appendix Physical Collocation.

1.1.115 "**Plain Old Telephone Service**" (POTS) means telephone service for the transmission of human speech.

1.1.116 "**Point of Interconnection**" (POI) is a point on the AT&T-13STATE network (End Office or Tandem building) where the Parties deliver Section 251(b)(5)/IntraLATA Toll Traffic to each other, and also serves as a demarcation point between the facilities that each Party is responsible to provide.

1.1.117 "Port" is the point of interface/access connection to the AT&T-13STATE public switched network. This may be a switch line side interface or switch trunk side interface.

1.1.118 "Rate Center Area" means the following in each applicable area:

1.1.118.1 **AT&T MIDWEST REGION 5-STATE**

1.1.118.1.1 "Rate Center" means the specific geographic point that has been designated by a given LEC as being associated with a particular NPA-NXX code that has been assigned to the LEC for its provision of Telephone Exchange Service. The Rate Center is the finite geographic point identified by a specific V&H coordinate, which is used by that LEC to measure, for billing purposes, distance sensitive transmission services associated with the specific Rate Center.

1.1.118.2 **AT&T NEVADA**

1.1.118.2.1 "Rate Center" denotes the designated points, representing exchanges, (or locations outside exchange areas), between which mileage measurements are made for the application of interexchange mileage rates. Rate Centers are defined in NV-PUC tariff A6.2.7.

1.1.118.3 **AT&T CALIFORNIA**

1.1.118.3.1 "Rate Center" denotes the designated points, representing exchanges or district area (or locations outside exchange areas), between which mileage measurements are made for the application of interexchange and interdistrict mileage rates, as defined by the CA-PUC.A2, 2.1.1 Definition of Terms.

1.1.118.4 **AT&T CONNECTICUT**

1.1.118.4.1 "Rate Center" means the specific geographic point and corresponding area that have been identified by a given LEC as being associated with a particular NPA-NXX code that has been assigned to the LEC for its provision of Exchange Services.

1.1.118.5 **AT&T SOUTHWEST REGION 5-STATE**

1.1.118.5.1 "Rate Center" means an uniquely defined geographical location within an exchange area (or a location outside the exchange area) for which mileage measurements are determined for the application of interstate tariffs.

1.1.119 "Rating Point" means the V&H coordinates associated with a particular telephone number for rating purposes.

1.1.120 "Referral Announcement" refers to a process by which calls are routed to an announcement that states the new telephone number of an End User.

1.1.121 "Routing Point" is a location which a LEC has designated on its own network as the homing or routing point for traffic inbound to Exchange Service provided by the LEC which bears a certain NPA-NXX designation. The Routing Point is employed to calculate mileage measurements for the distance-sensitive transport element charges of Switched Access services. The Routing Point need not be the same as the Rating Point, nor must it be located within the Rate Center area, but must be in the same LATA as the NPA-NXX.

1.1.122 "Section 251(b)(5) Traffic" shall mean telecommunications traffic in which the originating End User of one Party and the terminating End User of the other Party are:

- a. both physically located in the same ILEC Local Exchange Area as defined by the ILEC Local (or "General") Exchange Tariff on file with the applicable state commission or regulatory agency; or
- b. both physically located within neighboring ILEC Local Exchange Areas that are within the same common mandatory local calling area. This includes but is not limited to, mandatory Extended Area Service (EAS), mandatory Extended Local Calling Service (ELCS), or other types of mandatory expanded local calling scopes.

1.1.123 "**Service Provider Number Portability**" (SPNP) is synonymous with Permanent Number Portability "PNP".

1.1.124 "**Service Switching Point**" (SSP) is a telephone central office switch equipped with a Signaling System 7 (SS7) interface.

1.1.125 "**Signaling System 7**" (SS7) means a signaling protocol used by the CCS Network.

1.1.126 "**Signal Transfer Point**" (STP) performs a packet switching function that routes signaling messages among Service Switching Points (SSP), Service Control Points (SCP), Signaling Points (SP), and other STPs in order to set up calls and to query databases for Advanced Services.

1.1.127 "**State Abbreviation**" means the following:

- 1.1.127.1 "AR" means Arkansas
- 1.1.127.2 "CA" means California
- 1.1.127.3 "CT" means Connecticut
- 1.1.127.4 "IL" means Illinois
- 1.1.127.5 "IN" means Indiana
- 1.1.127.6 "KS" means Kansas
- 1.1.127.7 "MI" means Michigan
- 1.1.127.8 "MO" means Missouri
- 1.1.127.9 "NV" means Nevada
- 1.1.127.10 "OH" means Ohio
- 1.1.127.11 "OK" means Oklahoma
- 1.1.127.12 "TX" means Texas
- 1.1.127.13 "WI" means Wisconsin

1.1.128 "**Switched Access Detail Usage Data**" means a category 1101xx record as defined in the EMI Telecordia Practice BR 010-200-010.

1.1.129 "**Switched Exchange Access Service**" means the offering of transmission or switching services to Telecommunications Carriers for the purpose of the origination or termination of telephone toll service. Switched Exchange Access Services include: Feature Group A, Feature Group B, Feature Group D, 800/888 access, and 900 access and their successors or similar Switched Exchange Access Services.

1.1.130 "**Synchronous Optical Network**" (SONET) is an optical interface standard that allows inter-networking of transmission products from multiple vendors. The base rate is 51.84 Mbps ("OC-1/STS-1") and higher rates are direct multiples of the base rate, up to 13.22 Gbps.

1.1.131 "**Telecommunications**" is As Defined in the Act.

1.1.132 "**Telecommunications Carrier**" is As Defined in the Act.

1.1.133 "**Telecommunications Service**" is As Defined in the Act.

1.1.134 "**Telephone Exchange Service**" is As Defined in the Act.

1.1.135 "**Telephone Toll Service**" is As Defined in the Act.

- 1.1.136 "Third Party" means any Person other than a Party.
- 1.1.137 "Toll Billing Exception Service" (TBE) means a service that allows End Users to restrict third number billing or collect calls to their lines.
- 1.1.138 "Trunk" means a communication line between two switching systems.
- 1.1.139 "Trunk-Side" refers to a Central Office Switch connection that is capable of, and has been programmed to treat the circuit as connecting to another switching entity (for example another Central Office switch). Trunk-Side connections offer those transmission and signaling features appropriate for the connection of switching entities and cannot be used for the direct connection of ordinary telephone station sets.
- 1.1.140 "Lawful Unbundled Network Element" or "Lawful UNE" is as defined in Appendix Lawful UNEs (Lawful Provision of Access to Unbundled Network Elements).
- 1.1.141 "Virtual Collocation" is as defined in Appendix Virtual Collocation.
- 1.1.142 "Wire Center" is the location of one or more local switching systems. A point at which End User's loops within a defined geographic area converge. Such local loops may be served by one (1) or more Central Office Switches within such premises.

1.2 Definitions Applicable to AT&T-12STATE Only

- 1.2.1 "Main Distribution Frame" (MDF) is termination frame for outside facility and inter-exchange office equipment at the central office for DS-0 and DSL services.
- 1.2.2 "Serving Wire Center" (SWC) means a Wire Center that serves the area in which the other Party's or a third party's Wire Center, aggregation point, point of termination, or point of presence is located.
- 1.2.3 "Universal Digital Loop Carrier" (UDLC) describes a DLC system that has a Central Office terminal channel bank that is connected to the CO switches on the analog side.

1.3 Definitions Applicable to AT&T-7STATE Only

- 1.3.1 "Line Side" refers to End Office switch connections that have been programmed to treat the circuit as a local line connected to a terminating station (e.g., an ordinary subscriber's telephone station set, a PBX, answering machine, facsimile machine or computer). Line Side connections offer only those transmission and signal features appropriate for a connection between an End Office and such terminating station.

1.4 Definitions Applicable to AT&T MIDWEST REGION 5-STATE Only

- 1.4.1 "Line Side" refers to the switch port toward the CLEC's side of the equipment.

2. INTERPRETATION, CONSTRUCTION AND SEVERABILITY

2.1 Definitions

- 2.1.1 For purposes of this Agreement, certain terms have been defined in this Agreement to encompass meanings that may differ from, or be in addition to, the normal connotation of the defined word. Unless the context clearly indicates otherwise, any term defined or used in the singular will include the plural. Whenever the context may require, any pronoun shall include the corresponding masculine, feminine and neuter forms. The words "include," "includes" and "including" shall be deemed to be followed by the phrase "without limitation" and/or "but not limited to". The words "will" and "shall" are used interchangeably throughout this Agreement and the use of either connotes a mandatory requirement. The use of one or the other will not mean a different degree of right or obligation for either Party. A defined word intended to convey its special meaning is capitalized when used. Other terms that are capitalized and not defined in this Agreement will have the meaning in the Act, or in the absence of their inclusion in the Act, their customary usage in the Telecommunications industry as of the Effective Date.

2.2 Headings Not Controlling

- 2.2.1 The headings and numbering of Sections, Parts, Appendices Schedules and Exhibits to this Agreement are for convenience only and shall not be construed to define or limit any of the terms herein or affect the meaning or interpretation of this Agreement.
- 2.2.2 This Agreement incorporates a number of Appendices which, together with their associated Attachments, Exhibits, Schedules and Addenda, constitute the entire Agreement between the Parties. In order to facilitate use and comprehension of the Agreement, the Appendices have been grouped under broad headings. It is understood that these groupings are for convenience of reference only, and are not intended to limit the applicability that any particular appendix, attachment, exhibit, schedule or addenda may otherwise have.

2.3 Referenced Documents

- 2.3.1 Unless the context shall otherwise specifically require, and subject to Section 23, whenever any provision of this Agreement refers to a technical reference, technical publication, CLEC Practice, AT&T-13STATE Practice, any publication of telecommunications industry administrative or technical standards, or any other document specifically incorporated into this Agreement (collectively, a "Referenced Instrument"), it will be deemed to be a reference to the then-current version or edition (including any amendments, supplements, addenda, or successors) of each Referenced Instrument that is in effect, and will include the then-current version or edition (including any amendments, supplements, addenda, or successors) of any other Referenced Instrument incorporated by reference therein.

2.4 References

- 2.4.1 References herein to Sections, Paragraphs, Exhibits, Parts, Schedules, and Appendices shall be deemed to be references to Sections, Paragraphs and Parts of, and Exhibits, Schedules and Appendices to, this Agreement unless the context shall otherwise require.

2.5 Tariff References

- 2.5.1 To the extent a tariff provision or rate is incorporated or otherwise applies between the Parties due to the provisions of this Agreement, it is understood that said tariff provision or rate applies only in the jurisdiction in which such tariff provision or rate is filed, and applies to the CLEC and only the AT&T-13STATE ILEC(s) that operates within that jurisdiction. Further, it is understood that any changes to said tariff provision or rate are also automatically incorporated herein or otherwise hereunder, effective hereunder on the date any such change is effective.
- 2.5.2 Wherever any Commission ordered tariff provision or rate is incorporated, cited or quoted herein, it is understood that said incorporation or reference applies only to the entity within the state whose Commission ordered that tariff.
- 2.5.3 Any state or federal tariff references made within this Agreement, including all Attachments/Appendices, refer to tariffs filed by AT&T-13STATE, as such tariffs may be modified from time to time.
- 2.5.4 Wherever the term "customer" is used in connection with AT&T SOUTHWEST REGION 5-STATE's retail tariffs, the term "customer" means the ultimate "consumer" or the "end user" of any tariffed service.

2.6 Conflict in Provisions

- 2.6.1 In the event of a conflict between the provisions of this Agreement and the Act, the provisions of the Act shall govern.
- 2.6.2 If any definitions, terms or conditions in any given Appendix, Attachment, Exhibit, Schedule or Addenda differ from those contained in the main body of this Agreement, those definitions, terms or conditions will supersede those contained in the main body of this Agreement, but only in regard to the services or activities listed in that particular Appendix, Attachment, Exhibit,

Schedule or Addenda. In particular, if an Appendix contains a Term length that differs from the Term length in the main body of this Agreement, the Term length of that Appendix will control the length of time that services or activities are to occur under that Appendix, but will not affect the Term length of the remainder of this Agreement.

- 2.6.3 In AT&T CONNECTICUT only, in the event of a conflict between any provision in this Agreement and any provision in the DPUC-ordered tariffs covering the services that are the subject of this Agreement with AT&T CONNECTICUT, such DPUC-ordered tariffs will prevail.
- 2.7 Joint Work Product
- 2.7.1 This Agreement is the joint work product of the Parties and has been negotiated by the Parties and their respective counsel and shall be fairly interpreted in accordance with its terms and, in the event of any ambiguities, no inferences shall be drawn against either Party.
- 2.8 Severability
- 2.8.1 If any provision of this Agreement is rejected or held to be illegal, invalid or unenforceable, each Party agrees that such provision shall be enforced to the maximum extent permissible so as to effect the intent of the Parties, and the validity, legality and enforceability of the remaining provisions of this Agreement shall not in any way be affected or impaired thereby. If necessary to effect the intent of the Parties, the Parties shall negotiate in good faith to amend this Agreement to replace the unenforceable language with enforceable language that reflects such intent as closely as possible. The Parties negotiated the terms and conditions of this Agreement for Interconnection, services and Lawful Unbundled Network Elements as a total arrangement and it is intended to be nonseverable.
- 2.9 Incorporation by Reference
- 2.9.1 All of the rates, terms and conditions ("Provisions") set forth in this Agreement (including any and all attachments, appendices and/or schedules hereto) and every interconnection, service and network element provided hereunder, are subject to all other Provisions contained in this Agreement (including any and all attachments, appendices and/or schedules hereto), and all such Provisions are integrally related.
- 2.10 Non-Voluntary Provisions
- 2.10.1 This Agreement incorporates certain rates, terms and conditions that were not voluntarily negotiated by AT&T-13STATE, but instead resulted from determinations made in arbitrations under Section 252 of the Act or from other requirements of regulatory agencies or state law (individually and collectively, a "Non-Voluntary Arrangement"). AT&T-13STATE has identified some, but not all, of the Non-Voluntary Arrangements contained in this Agreement, by designating such provisions with asterisks. If any Non-Voluntary Arrangement is modified as a result of any order or finding by the FCC, the appropriate Commission or a court of competent jurisdiction, any Party may, by providing written notice to the other Party, require that any affected Non-Voluntary Arrangement (and any related rates, terms and conditions) be deleted or renegotiated, as applicable, in good faith and this Agreement amended accordingly. If such modifications to this Agreement are not executed within sixty (60) calendar days after the date of such notice, a Party may pursue its rights under Section 12.
- 2.10.2 The Parties acknowledge that the Non-Voluntary Arrangements contained in this Agreement shall not be available in any state other than the state that originally imposed/required such Non-Voluntary Arrangement. By way of example only, the Parties acknowledge that the PUC-OH's imposition in Ohio of the Minimum Telephone Service Standards (and all terms and conditions relating thereto) shall not apply in or be "portable to" any state other than Ohio.

2.11 State-Specific Rates, Terms and Conditions

- 2.11.1 For ease of administration, this multistate Agreement contains certain specified rates, terms and conditions which apply only in a designated state ("state-specific terms"). To the extent that this Agreement contains specified rates, terms and conditions which apply only in a given state, such rates, terms and conditions shall not apply and shall have no effect in any other state(s) to which this Agreement is submitted for approval under Section 252(e) of the Act.
- 2.11.2 State-specific terms, as the phrase is described in Section 2.11.1 above, have been negotiated (or in the case of 2.10.2 above, included in the agreement per state requirement) by the Parties only as to the states where this Agreement has been executed, filed and approved. When the Parties negotiate an agreement for an additional state, neither Party shall be precluded by any language in this Agreement from negotiating state-specific terms for the state in which are to apply.
- 2.11.3 **Successor Rates.** Certain of the rates, prices and charges set forth in the applicable Appendix Pricing have been established by the appropriate Commissions in cost proceedings or dockets initiated under or pursuant to the Act. If during the Term that Commission or the FCC changes a rate, price or charge in an order or docket that applies to any of the Interconnection, Resale Services, Network Elements, functions, facilities, products and services available hereunder, the Parties agree to amend this Agreement to incorporate such new rates, prices and charges, with such rates, prices and charges to be effective as of the date specified in such order or docket (including giving effect to any retroactive application, if so ordered). If either Party refuses to execute an amendment to this Agreement within sixty (60) calendar days after the date of such order or docket, the other Party may pursue its rights under Section 12.

2.12 Scope of Obligations

- 2.12.1 Notwithstanding anything to the contrary contained herein except for the Out of Exchange Appendix, AT&T-13STATE's obligations under this Agreement shall apply only to:
- 2.12.1.1 the specific operating area(s) or portion thereof in which AT&T-13STATE is then deemed to be the ILEC under the Act (the "ILEC Territory"), and only to the extent that the CLEC is operating and offering service to End Users identified to be residing in such ILEC Territory; and
- 2.12.1.2 assets that AT&T-13STATE owns or leases and which are used in connection with AT&T-13STATE's provision to CLEC of any Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products or services provided or contemplated under this Agreement, the Act or any tariff or ancillary agreement referenced herein (individually and collectively, the "ILEC Assets").
- 2.12.1.3 The underlying Interconnection Agreement sets forth the terms and conditions pursuant to which AT&T-12STATE agrees to provide CLEC with access to Lawful unbundled network elements under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act in AT&T-12STATE's incumbent local exchange areas for the provision of CLEC's Telecommunications Services. The Parties acknowledge and agree that AT&T-12STATE is only obligated to make available Lawful UNEs and access to Lawful UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act to CLEC in AT&T-12STATE's incumbent local exchange areas. AT&T-12STATE has no obligation to provide such Lawful UNEs, Collocation, Interconnection and/or Resale, to CLEC for the purposes of CLEC providing and/or extending service outside of AT&T-12STATE's incumbent local exchange areas. In addition, AT&T-12STATE is not obligated to provision Lawful UNEs or to provide access to Lawful UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2)

of the Act and/or Resale under Section 251(c)(4) of the Act and is not otherwise bound by any 251(c) obligations in geographic areas other than AT&T-12STATE's incumbent local exchange areas. Therefore, the Parties understand and agree that the rates, terms and conditions set forth in AT&T-12STATE's current Interconnection Agreement, and any associated provisions set forth elsewhere in CLEC's current Interconnection Agreement (including but not limited to the rates set forth in this Agreement associated with Lawful UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act), shall only apply to the Parties and be available to CLEC for provisioning telecommunication services within an AT&T-12STATE incumbent local exchange area(s) in the State in which CLEC's current Interconnection Agreement with AT&T-12STATE has been approved by the relevant state Commission and is in effect.

2.12.1.4 Throughout this Agreement, wherever there are references to unbundled network elements that are to be provided by AT&T-12STATE under this Agreement, the Parties agree and acknowledge that their intent is for the Agreement to comply with Section 2.12.1.3, above, and require only the provision of Lawful UNEs, regardless of whether the term "Lawful" is used as part of the reference to unbundled network elements.

2.13 Affiliates

2.13.1 These General Terms and Conditions and all attachments and Appendices hereto (this Agreement), including subsequent amendments, if any, shall bind AT&T-13STATE, CLEC and any entity that currently or subsequently is owned or controlled by or under common ownership or control with CLEC. CLEC further agrees that the same or substantially the same terms and conditions shall be incorporated into any separate agreement between AT&T-13STATE and any such CLEC Affiliate that continues to operate as a separate entity. This Agreement shall remain effective as to CLEC and any such CLEC Affiliate for the term of this Agreement as stated herein until either AT&T-13STATE or CLEC or any such CLEC Affiliate institutes renegotiation consistent with the provisions of this Agreement for renewal and term. Notwithstanding the foregoing, the existing Agreement will not supercede a currently effective interconnection agreement between any such CLEC Affiliate and AT&T-13STATE until the expiration of such other agreement.

2.14 This Agreement sets forth the terms and conditions pursuant to which AT&T-13STATE agrees to provide CLEC with access to Lawful UNEs, Collocation and Resale in AT&T-13STATE's incumbent local exchange areas for the provision of CLEC's Telecommunications Services ((Act, Section 251(c)). The Parties acknowledge and agree that AT&T-13STATE is only obligated to make available Lawful UNEs, Collocation and Resale to CLEC in AT&T-13STATE's incumbent local exchange areas. AT&T-13STATE has no obligation to provide Lawful UNEs, Collocation and Resale to CLEC for the purposes of CLEC providing and/or extending service outside of AT&T-13STATE's incumbent local exchange areas. In addition, AT&T-13STATE is not obligated to provision Lawful UNEs, Collocation and Resale or provide any other rights under Section 251 (c) of the Act outside of AT&T-13STATE's incumbent local exchange areas. Therefore, the Parties understand and agree that the rates, terms and conditions set forth in this Interconnection Agreement, and any associated provisions set in the Attachments, Appendices, Schedules and/or Exhibits in the CLEC's current Interconnection Agreement (including but not limited to the associated Lawful UNE, Collocation and Resale rates set forth in this Agreement), shall only apply and be available to CLEC for provisioning services within an AT&T-13STATE incumbent local exchange area(s) in the State in which the CLEC's Interconnection Agreement has been approved by the Commission and is in effect.

3. NOTICE OF CHANGES -- SECTION 251(c)(5)

3.1 Nothing in this Agreement shall limit either Party's ability to upgrade its network through the incorporation of new equipment, new software or otherwise or to otherwise change and/or modify its

network including, without limitation, through the retirement and/or replacement of equipment, software or otherwise. Each Party agrees to comply with the Network Disclosure rules adopted by the FCC in CC Docket No. 96-98, Second Report and Order, codified at 47 C.F.R. 51.325 through 51.335, as such rules may be amended from time to time (the "Network Disclosure Rules"). AT&T-13STATE will not discontinue any Lawful UNE, Interconnection arrangement, function, facility, product or service (excluding Resale Services), that AT&T-13STATE is required to provide to CLEC under this Agreement unless and until: (i) AT&T-13STATE provides requisite notice of the planned network change and/or modification in accordance with the Network Disclosure Rules (when applicable) and no objection is made to AT&T-13STATE's proposed network modification(s) and/or change(s) or any objection(s) is denied or deemed denied under such Rules; or (ii) if and when applicable, following AT&T-13STATE's exercise of its rights under applicable law and/or this Agreement including, without limitation, the intervening law/change in law provisions in this Agreement; or (iii) to the extent otherwise permitted in this Agreement.

4. GENERAL RESPONSIBILITIES OF THE PARTIES

- 4.1 Upon approval by the Commission, CLEC agrees to begin providing Telephone Exchange Service within its certificated service area to business End Users within _____ calendar days and to residential End Users within _____ calendar days.
- 4.2 AT&T-12STATE and CLEC shall each use their best efforts to meet the Interconnection Activation Dates.
- 4.3 Each Party is individually responsible to provide facilities within its network that are necessary for routing, transporting, measuring, and billing traffic from the other Party's network and for delivering such traffic to the other Party's network in the standard format compatible with AT&T-13STATE's network as referenced in Telcordia BOC Notes on LEC Networks Practice No. SR-TSV-002275, and to terminate the traffic it receives in that standard format to the proper address on its network. The Parties are each solely responsible for participation in and compliance with national network plans, including the National Network Security Plan and the Emergency Preparedness Plan.
- 4.4 The Parties shall exchange technical descriptions and forecasts of their Interconnection and traffic requirements in sufficient detail necessary to establish the Interconnections required to assure traffic completion to and from all End Users in their respective designated service areas.
- 4.5 Each Party is solely responsible for all products and services it provides to its End Users and to other Telecommunications Carriers.

5. INSURANCE

- 5.1 At all times during the term of this Agreement, each Party shall keep and maintain in force at its own expense the following minimum insurance coverage and limits and any additional insurance and/or bonds required by Applicable Law:
 - 5.1.1 Workers' Compensation insurance with benefits afforded under the laws of each state covered by this Agreement and Employers Liability insurance with minimum limits of \$1,000,000 for Bodily Injury-each accident, \$1,000,000 for Bodily Injury by disease-policy limits and \$1,000,000 for Bodily Injury by disease-each employee.
 - 5.1.2 Commercial General Liability insurance with minimum limits of: \$2,000,000 General Aggregate limit; \$1,000,000 each occurrence sub-limit for all bodily injury or property damage incurred in any one occurrence; \$1,000,000 each occurrence sub-limit for Personal Injury and Advertising; \$2,000,000 Products/Completed Operations Aggregate limit, with a \$1,000,000 each occurrence sub-limit for Products/Completed Operations. Fire Legal Liability sub-limits of \$1,000,000 are also required if this Agreement involves collocation or structure access. AT&T-13STATE, its affiliates, officers, agents and employees, shall be listed as additional insured on the Commercial General Liability policy. A waiver of subrogation shall be in favor of AT&T-13STATE. The

liability policies shall be primary and non-contributory from any insurance that is maintained by **AT&T-13STATE**.

- 5.1.3 If use of an automobile is required, Automobile Liability insurance with minimum limits of \$1,000,000 combined single limits per occurrence for bodily injury and property damage, which coverage shall extend to all owned, hired and non-owned vehicles.
 - 5.1.4 Each Party shall require subcontractors providing services under this Agreement to maintain in force the insurance coverage and limits required in this Section.
 - 5.1.5 The Parties agree that companies affording the insurance coverage required under this Section shall have a rating of A or better and a Financial Size Category rating of VIII or better, as rated in the A.M. Best Key Rating Guide for Property and Casualty Insurance Companies. Upon request from the other Party, each Party shall provide to the other Party evidence of such insurance coverage.
 - 5.1.6 Each Party agrees to provide the other Party with at least thirty (30) calendar days advance written notice of cancellation, material reduction or non-renewal of any of the insurance policies required herein.
 - 5.1.7 Each Party agrees to accept the other Party's program of self-insurance in lieu of insurance coverage if certain requirements are met. These requirements are as follows:
 - 5.1.7.1 The Party desiring to satisfy its Workers' Compensation and Employers Liability obligations through self-insurance shall submit to the other Party a copy of its Certificate of Authority to Self-Insure its Workers' Compensation obligations issued by each state covered by this Agreement or the employer's state of hire; and
 - 5.1.7.2 The Party desiring to satisfy its automobile liability obligations through self-insurance shall submit to the other Party a copy of the state-issued letter approving self-insurance for automobile liability issued by each state covered by this Agreement; and
 - 5.1.7.3 The Party desiring to satisfy its general liability obligations through self-insurance must provide evidence acceptable to the other Party that it maintains at least an investment grade (e.g., B+ or higher) debt or credit rating as determined by a nationally recognized debt or credit rating agency such as Moody's, Standard and Poor's or Duff and Phelps.
 - 5.1.8 This Section 5.1 is a general statement of insurance requirements and shall be in addition to any specific requirement of insurance referenced elsewhere in this Agreement or a Referenced Instrument.
- 5.2 Simultaneously with CLEC's execution of this Agreement, CLEC shall insert its appropriate state-specific authorized and nationally recognized OCN/AECNs for facilities-based (Interconnection and/or Lawful Unbundled Network Elements) and a separate and distinct OCN/AECN for Resale Services.

6. ASSIGNMENT

6.1 Assignment of Contract

- 6.1.1 CLEC may not assign or transfer this Agreement or any rights or obligations hereunder, whether by operation of law or otherwise, to a non-affiliated third party without the prior written consent of **AT&T-13STATE**. Any attempted assignment or transfer that is not permitted is void *ab initio*.
- 6.1.2 CLEC may assign or transfer this Agreement and all rights and obligations hereunder, whether by operation of law or otherwise, to its Affiliate by providing sixty (60) calendar days' advance written notice of such assignment or transfer to **AT&T-13STATE**; provided that such assignment or transfer is not inconsistent with Applicable Law (including the Affiliate's obligation to obtain and maintain proper Commission certification and approvals) or the terms and conditions of this Agreement. Notwithstanding the foregoing, CLEC may not assign or transfer this Agreement, or any rights or obligations hereunder, to its Affiliate if that Affiliate is a Party to a separate

agreement with AT&T-13STATE under Sections 251 and 252 of the Act. Any attempted assignment or transfer that is not permitted is void *ab initio*.

6.2 Corporate Name Change and/or change in "d/b/a" only

6.2.1 Any assignment or transfer of an Agreement wherein only the CLEC name is changing, and which does not include a change to a CLEC OCN/ACNA, constitutes a CLEC Name Change. For a CLEC Name Change, CLEC will incur a record order charge for each CLEC CABS BAN. For resale or any other products not billed in CABS, to the extent a record order is available, a record order charge will apply per end user record. Rates for record orders are contained in the Appendix Pricing, Schedule of Prices. CLEC shall also submit a new Operator Service Questionnaire (OSQ) to update any OS/DA Rate Reference information and Branding pursuant to the rates terms and conditions of Appendices Resale and UNE, as applicable, at the rates specified in the Appendix Pricing, Schedule of Prices to this Agreement.

6.3 Company Code Change

6.3.1 Any assignment or transfer of an Agreement associated with the transfer or acquisition of "assets" provisioned under that Agreement, where the OCN/ACNA formerly assigned to such "assets" is changing constitutes a CLEC Company Code Change. For the purposes of this Section, "assets" means any Interconnection, Resale Service, Lawful Unbundled Network Element, function, facility, product or service provided under that Agreement. CLEC shall provide AT&T-13STATE with ninety (90) calendar days advance written notice of any assignment associated with a CLEC Company Code Change and obtain AT&T-13STATE's consent. AT&T-13STATE shall not unreasonably withhold consent to a CLEC Company Code Change; provided, however, AT&T-13STATE's consent to any CLEC Company Code Change is contingent upon cure of any outstanding charges owed under this Agreement and any outstanding charges associated with the "assets" subject to the CLEC Company Code Change. In addition, CLEC acknowledges that CLEC may be required to tender additional assurance of payment if requested under the terms of this Agreement.

6.3.2 For any CLEC Company Code Change, CLEC must submit a service order changing the OCN/ACNA for each end user record and/or a service order for each circuit ID number, as applicable. CLEC shall pay the appropriate charges for each service order submitted to accomplish a CLEC Company Code Change; such charges are contained in the Appendix Pricing, Schedule of Prices. In addition, CLEC shall submit a new OSQ to update any OS/DA Rate Reference information and Branding pursuant to the rates terms and conditions of Appendices Resale and Lawful UNE, as applicable, at the rates specified in the Appendix Pricing, Schedule of Prices to this Agreement. In addition, CLEC shall pay any and all charges required for re-stenciling, re-engineering, changing locks and any other work necessary with respect to Collocation, as determined on an individual case basis.

6.4 Assignment of any Interconnection, Resale Service, Lawful Unbundled Network Element, function, facility, product or service.

6.4.1 Any assignment or transfer of any Interconnection, Resale Service, Lawful Unbundled Network Element, function, facility, product or service provisioned pursuant to this Agreement without the transfer or the assignment of this Agreement shall be deemed a CLEC to CLEC Mass Migration. The CLEC that is a Party to this Agreement shall provide AT&T-13STATE with ninety (90) calendar days advance written notice of any CLEC to CLEC Mass Migration. CLEC's written notice shall include the anticipated effective date of the assignment or transfer. The acquiring CLEC must cure any outstanding charges associated with any Interconnection, Resale Service, Lawful Unbundled Network Element, function, facility, product or service to be transferred. In addition, the acquiring CLEC may be required to tender additional assurance of payment if requested under the terms of the acquiring CLEC's agreement.

- 6.4.2 Both CLECs involved in any CLEC to CLEC Mass Migration shall comply with all Applicable Law relating thereto, including but not limited to all FCC and state Commission rules relating to notice(s) to end users. The acquiring CLEC shall be responsible for issuing all service orders required to migrate any Interconnection, Resale Service, Lawful Unbundled Network Element, function, facility, product or service provided hereunder. The appropriate service order charge or administration fee (for interconnection) will apply as specified in the Appendix Pricing, Schedule of Prices to the acquiring CLEC's agreement. The acquiring CLEC shall also submit a new OSQ to update any OS/DA Rate Reference information and Branding pursuant to the rates terms and conditions of Appendices Resale and Lawful UNE, as applicable, at the rates specified in the Appendix Pricing, Schedule of Prices to the acquiring CLEC's agreement. In addition, the acquiring CLEC shall pay any and all charges required for re-stenciling, re-engineering, changing locks and any other work necessary with respect to Collocation, as determined on an individual case basis.
- 6.5 Project Coordination
- 6.5.1 AT&T-13STATE will provide project management support to effectuate changes of the types identified in Section 6.5.2.
- 6.5.2 AT&T-13STATE will provide project management support to minimize any possible service outages during any CLEC to CLEC Mass Migration. Should AT&T-13STATE's most current version of LSOR or ASOR guidelines not support the required order activity, AT&T-13STATE will issue service orders at the manual rate, as specified in the Appendix Pricing, Schedule of Prices to this Agreement, based upon type of service provided, and on the condition that CLEC provides to AT&T-13STATE any and all information AT&T-13STATE reasonably requests to effectuate such changes.
- 6.6 When an End User changes its service provider from AT&T-13STATE to CLEC or from CLEC to AT&T-13STATE and does not retain its original telephone number, the Party formerly providing service to such End User shall furnish a referral announcement ("Referral Announcement") on the original telephone number that specifies the End User's new telephone number.
- 6.6.1 The following pertains to AT&T ILLINOIS, AT&T WISCONSIN and AT&T CALIFORNIA only:
- 6.6.1.1 Referral Announcements shall be provided by a Party to the other Party for the period of time and at the rates set forth in the referring Party's tariff(s); provided, however, if either Party provides Referral Announcements for a period different (either shorter or longer) than the period(s) stated in its tariff(s) when its End Users change their telephone numbers, such Party shall provide the same level of service to End Users of the other Party.
- 6.7 The following applies to AT&T INDIANA only:
- 6.7.1 Referral Announcements shall be provided by a Party to the other Party for the period specified in 170 IAC 7-1.1-11(l)(3)(a) and (b) and at the rates set forth in the referring Party's tariff(s). However, if either Party provides Referral Announcements for a period different than the above period(s) when its End Users change their telephone numbers, such Party shall provide the same level of service to End Users of the other Party.
- 6.8 The following applies to AT&T MICHIGAN only:
- 6.8.1 Referral Announcements shall be provided by a Party to the other Party for the period specified in Michigan Administrative Rule 484.134 and at the rates set forth in the referring Party's tariff(s). However, if either Party provides Referral Announcements for a period longer than the above period(s) when its End Users change their telephone numbers, such Party shall provide the same level of service to End Users of the other Party.

- 6.9 The following applies to AT&T OHIO only:
- 6.9.1 Referral Announcements shall be provided by a Party to the other Party for the period of time specified in Rule 4901:1-5-12, Ohio Administrative Code and at the rates set forth in the referring Party's tariff(s). However, if either Party provides Referral Announcements for a period longer than the above period(s) when its End Users change their telephone numbers, such Party shall provide the same level of service to End Users of the other Party.
- 6.10 Each Party shall be responsible for labor relations with its own employees. Each Party agrees to notify the other Party as soon as practicable whenever such Party has knowledge that a labor dispute concerning its employees is delaying or threatens to delay such Party's timely performance of its obligations under this Agreement and shall endeavor to minimize impairment of service to the other Party (for example, by using its management personnel to perform work or by other means) in the event of a labor dispute to the extent permitted by Applicable Law.
- 6.11 Each Party shall act in good faith in its performance under this Agreement and, in each case in which a Party's consent or agreement is required or requested hereunder, such Party shall not unreasonably withhold or delay such consent or agreement.
- 6.12 This Agreement contains comprehensive OSS terms and conditions; however, CLEC represents and covenants that it will only use OSS furnished pursuant to this Agreement for activities related to Lawful UNEs, resold services or other services covered by this Agreement, for which this Agreement contains explicit terms, conditions and rates.
- 6.13 The Parties acknowledge and agree that they do not intend to include products and services in this Agreement that do not have corresponding rates and charges. Accordingly, if this Agreement is executed and/or approved by the Commission and the Parties later discover that a product or service is included in this Agreement without an associated rate or charge, the Parties agree that they will agree upon a rate or charge to include in this Agreement before the product or service is provided or performed. If the Parties cannot agree, either Party may pursue dispute resolution under the applicable provisions of this Agreement.

7. EFFECTIVE DATE, TERM AND TERMINATION

- 7.1 In AT&T-13STATE, with the exception of AT&T OHIO, the Effective Date of this Agreement shall be ten (10) calendar days after the Commission approves this Agreement under Section 252(e) of the Act or, absent such Commission approval, the date this Agreement is deemed approved under Section 252(e)(4) of the Act. In AT&T OHIO, based on the PUC-OH, the Agreement is Effective upon filing and is deemed approved by operation of law on the 91st day after filing.
- 7.2 The term of this Agreement shall commence upon the Effective Date of this Agreement and shall expire on June 16, 2009, provided; however, should CLEC implement (i.e. provided assurance of payment, ordered facilities, and submitted ASRs for trunking) this Agreement within six (6) months of the Effective Date, then this Agreement will automatically renew for one additional year and expire on June 16, 2010 (the "Term"). Absent the receipt by one Party of written notice from the other Party within 180 calendar days prior to the expiration of the Term to the effect that such Party does not intend to extend the Term, this Agreement shall remain in full force and effect on and after the expiration of the Term until terminated by either Party pursuant to Section 7.3 or 7.4.
- 7.3 Notwithstanding any other provision of this Agreement, either Party may terminate this Agreement and the provision of any Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products or services provided pursuant to this Agreement, at the sole discretion of the terminating Party, in the event that the other Party fails to perform a material obligation or breaches a material term of this Agreement and the other Party fails to cure such nonperformance or breach within forty-five (45) calendar days after written notice thereof. Any termination of this Agreement pursuant to this Section 7.3 shall take effect immediately upon delivery of written notice to the other Party that it

failed to cure such nonperformance or breach within forty-five (45) calendar days after written notice thereof.

- 7.4 If pursuant to Section 7.2, this Agreement continues in full force and effect after the expiration of the Term, either Party may terminate this Agreement after delivering written notice to the other Party of its intention to terminate this Agreement, subject to Sections 7.5 and 7.6. Neither Party shall have any liability to the other Party for termination of this Agreement pursuant to this Section 7.4 other than its obligations under Sections 7.5 and 7.6.
- 7.5 Upon termination or expiration of this Agreement in accordance with Sections 7.2, 7.3 or 7.4:
 - 7.5.1 Each Party shall continue to comply with its obligations set forth in Section 42, Scope of this Agreement; and
 - 7.5.2 Each Party shall promptly pay all amounts owed under this Agreement or place any Disputed Amounts into an escrow account that complies with Section 10.4 hereof;
 - 7.5.3 Each Party's confidentiality obligations shall survive; and
 - 7.5.4 Each Party's indemnification obligations shall survive.
- 7.6 If either Party serves notice of expiration pursuant to Section 7.2 or Section 7.4, CLEC shall have ten (10) calendar days to provide AT&T-13STATE written confirmation if CLEC wishes to pursue a successor agreement with AT&T-13STATE or terminate its agreement. CLEC shall identify the action to be taken on each applicable (13) state(s). If CLEC wishes to pursue a successor agreement with AT&T-13STATE, CLEC shall attach to its written confirmation or notice of expiration/termination, as applicable, a written request to commence negotiations with AT&T-13STATE under Sections 251/252 of the Act and identify each of the state(s) the successor agreement will cover. Upon receipt of CLEC's Section 252(a)(1) request, the Parties shall commence good faith negotiations on a successor agreement.
- 7.7 If written notice is not issued pursuant to Section 7.2, the rates, terms and conditions of this Agreement shall continue in full force and effect until the earlier of (i) the effective date of its successor agreement, whether such successor agreement is established via negotiation, arbitration or pursuant to Section 252(i) of the Act; or (ii) the date that is ten (10) months after the date on which AT&T-13STATE received CLEC's Section 252(a)(1) request.
- 7.8 If at any time during the Section 252(a)(1) negotiation process (prior to or after the expiration date or termination date of this Agreement), CLEC withdraws its Section 252(a)(1) request, CLEC must include in its notice of withdrawal a request to adopt a successor agreement under Section 252(i) of the Act or affirmatively state that CLEC does not wish to pursue a successor agreement with AT&T-13STATE for a given state. The rates, terms and conditions of this Agreement shall continue in full force and effect until the later of 1) the expiration of the term of this Agreement, or 2) the expiration of ninety (90) calendar days after the date CLEC provides notice of withdrawal of its Section 252(a)(1) request. If the Term of this Agreement has expired, on the earlier of (i) the ninety-first (91st) calendar day following AT&T-13STATE's receipt of CLEC's notice of withdrawal of its Section 252(a)(1) request or (ii) the effective date of the agreement following approval by the Commission of the adoption of an agreement under 252(i), the Parties shall, have no further obligations under this Agreement except those set forth in Section 7.5 of this Agreement.
- 7.9 If CLEC does not affirmatively state that it wishes to pursue a successor agreement with AT&T-13STATE in its, as applicable, notice of expiration or termination or the written confirmation required after receipt of the AT&T-owned ILEC's notice of expiration or termination, then the rates, terms and conditions of this Agreement shall continue in full force and effect until the later of 1) the expiration of the Term of this Agreement, or 2) the expiration of ninety (90) calendar days after the date CLEC provided or received notice of expiration or termination. If the Term of this Agreement has expired, on the ninety-first (91st) day following CLEC provided or received notice of expiration or termination, the

Parties shall have no further obligations under this Agreement except those set forth in Section 7.5 of this Agreement.

- 7.10 In the event of termination of this Agreement pursuant to Section 7, AT&T-13STATE and CLEC shall cooperate in good faith to effect an orderly transition of service under this Agreement; provided that CLEC shall be solely responsible (from a financial, operational and administrative standpoint) to ensure that its End Users have been transitioned to a new LEC by the expiration date or termination date of this Agreement.

8. END USER FRAUD

- 8.1 AT&T-13STATE shall not be liable to CLEC for any fraud associated with CLEC's End User's account, including 1+ IntraLATA toll, ported numbers, and Alternate Billing Traffic (ABT). ABT is a service that allows End Users to bill calls to account(s) that might not be associated with the originating line. There are three types of ABT calls: calling card, collect, and third number billed calls.
- 8.2 The Parties agree to cooperate with one another to investigate, minimize, and take corrective action in cases of fraud involving 1+ IntraLATA toll calls, ABT, and ported numbers. The Parties' fraud minimization procedures are to be cost-effective and implemented so as not to unduly burden or harm one Party as compared to the other.
- 8.3 In cases of suspected fraudulent activity by an End User, at a minimum, the cooperation referenced in Section 8.2 will include providing to the other Party, upon request, information concerning Customers who terminate services to that Party without paying all outstanding charges. The Party seeking such information is responsible for securing the End User's permission to obtain such information.
- 8.4 AT&T-10STATE, AT&T CALIFORNIA and AT&T CONNECTICUT will provide notification messages to CLEC on suspected occurrences of ABT-related fraud on CLEC accounts stored in the applicable LIDB. AT&T CALIFORNIA will provide such alert messages by e-mail. AT&T-10STATE and AT&T CONNECTICUT will provide via fax.
- 8.4.1 AT&T SOUTHWEST REGION 5-STATE (on behalf of itself and AT&T CONNECTICUT) and AT&T CALIFORNIA will use a Fraud Monitoring System to determine suspected occurrences of ABT-related fraud for CLEC using the same criteria AT&T SOUTHWEST REGION 5-STATE and AT&T CALIFORNIA use to monitor fraud on their respective accounts.
- 8.4.2 CLEC understands that Fraud Monitoring System alerts only identify potential occurrences of fraud. CLEC understands and agrees that it will need to perform its own investigations to determine whether a fraud situation actually exists. CLEC understands and agrees that it will also need to determine what, if any, action CLEC should take as a result of a Fraud Monitoring System alert.
- 8.4.3 The Parties will provide contact names and numbers to each other for the exchange of Fraud Monitoring System alert notification.
- 8.5 In AT&T SOUTHWEST REGION 5-STATE and AT&T CALIFORNIA ABT-related alerts are provided to CLEC at no additional charge, except as related in 8.6 below.
- 8.6 In AT&T CALIFORNIA 1+ IntraLATA toll fraud alerts are offered for Resale only under the product name Traffic Alert Referral Service (TARS). For TARS, CLEC agrees to pay a recurring usage rate as outlined in Appendix Pricing. For terms and conditions for TARS, see Appendix Resale.

9. ASSURANCE OF PAYMENT

- 9.1 Upon request by AT&T-13STATE, CLEC will provide AT&T-13STATE with adequate assurance of payment of amounts due (or to become due) to AT&T-13STATE.

- 9.2 Assurance of payment may be requested by AT&T-12STATE if:
- 9.2.1 at the Effective Date CLEC had not already established satisfactory credit by having made at least twelve (12) consecutive months of timely payments to AT&T-13STATE for charges incurred as a CLEC; or
 - 9.2.2 in AT&T-12STATE's reasonable judgment, at the Effective Date or at any time thereafter, there has been an impairment of the established credit, financial health, or credit worthiness of CLEC. Such impairment will be determined from information available from financial sources, including but not limited to Moody's, Standard and Poor's, and the Wall Street Journal. Financial information about CLEC that may be considered includes, but is not limited to, investor warning briefs, rating downgrades, and articles discussing pending credit problems; or
 - 9.2.3 CLEC fails to timely pay a bill rendered to CLEC by AT&T-12STATE (except such portion of a bill that is subject to a good faith, bona fide dispute and as to which CLEC has complied with all requirements set forth in Section 11.3); or
 - 9.2.4 CLEC admits its inability to pay its debts as such debts become due, has commenced a voluntary case (or has had an involuntary case commenced against it) under the U.S. Bankruptcy Code or any other law relating to insolvency, reorganization, winding-up, composition or adjustment of debts or the like, has made an assignment for the benefit of creditors or is subject to a receivership or similar proceeding.
- 9.3 Unless otherwise agreed by the Parties, the assurance of payment will consist of
- 9.3.1 a cash security deposit in U.S. dollars held by AT&T-12STATE ("Cash Deposit") or
 - 9.3.2 an unconditional, irrevocable standby bank letter of credit from a financial institution acceptable to AT&T-12STATE naming the AT&T-owned ILEC(s) designated by AT&T-12STATE as the beneficiary(ies) thereof and otherwise in form and substance satisfactory to AT&T-12STATE ("Letter of Credit").
 - 9.3.3 The Cash Deposit or Letter of Credit must be in an amount equal to three (3) months anticipated charges (including, but not limited to, recurring, non-recurring and usage sensitive charges, termination charges and advance payments), as reasonably determined by AT&T-12STATE, for the Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation or any other functions, facilities, products or services to be furnished by AT&T-12STATE under this Agreement.
 - 9.3.3.1 Notwithstanding anything else set forth in this Agreement, AT&T SOUTHWEST REGION 5-STATE will not request assurance of payment of charges reasonably anticipated by AT&T SOUTHWEST REGION 5-STATE to be incurred in Arkansas in an amount that would exceed one (1) month's projected bill for CLEC's initial market entry; provided, however, that after three (3) months of operation, AT&T SOUTHWEST REGION 5-STATE may request assurance of payment of charges reasonably anticipated by AT&T SOUTHWEST REGION 5-STATE to be incurred in Arkansas in an amount not to exceed two times projected average monthly billing to CLEC.
 - 9.3.3.2 Notwithstanding anything else set forth in this Agreement, AT&T SOUTHWEST REGION 5-STATE will not request assurance of payment of charges reasonably anticipated by AT&T SOUTHWEST REGION 5-STATE to be incurred in Oklahoma in an amount that would exceed two times projected average monthly billing to CLEC.
 - 9.4 To the extent that AT&T-12STATE elects to require a Cash Deposit, the Parties intend that the provision of such Cash Deposit shall constitute the grant of a security interest in the Cash Deposit pursuant to Article 9 of the Uniform Commercial Code in effect in any relevant jurisdiction.
 - 9.5 A Cash Deposit will accrue interest, however, AT&T-12STATE will not pay interest on a Letter of Credit.

- 9.6 AT&T-12STATE may, but is not obligated to, draw on the Letter of Credit or the Cash Deposit, as applicable, upon the occurrence of any one of the following events:
- 9.6.1 CLEC owes AT&T-12STATE undisputed charges under this Agreement that are more than thirty (30) calendar days past due; or
- 9.6.2 CLEC admits its inability to pay its debts as such debts become due, has commenced a voluntary case (or has had an involuntary case commenced against it) under the U.S. Bankruptcy Code or any other law relating to insolvency, reorganization, winding-up, composition or adjustment of debts or the like, has made an assignment for the benefit of creditors or is subject to a receivership or similar proceeding; or
- 9.6.3 The expiration or termination of this Agreement.
- 9.7 If AT&T-12STATE draws on the Letter of Credit or Cash Deposit, upon request by AT&T-12STATE, CLEC will provide a replacement or supplemental letter of credit or cash deposit conforming to the requirements of Section 9.3.
- 9.8 Notwithstanding anything else set forth in this Agreement, if AT&T-12STATE makes a request for assurance of payment in accordance with the terms of this Section, then AT&T-12STATE shall have no obligation thereafter to perform under this Agreement until such time as CLEC has furnished AT&T-12STATE with the assurance of payment requested; provided, however, that AT&T-12STATE will permit CLEC a minimum of ten (10) Business Days to respond to a request for assurance of payment before invoking this Section.
- 9.8.1 If CLEC fails to furnish the requested adequate assurance of payment on or before the date set forth in the request, AT&T-12STATE may also invoke the provisions set forth in Section 11.5 through Section 11.7.
- 9.9 A cash deposit held by AT&T-12STATE shall be returned to CLEC at the expiration of twelve months from the date the CLEC receives its first bill under this Agreement after paying the cash deposit, so long as CLEC made satisfactory payment of all charges billed under this Agreement during that twelve month period. For purposes of the preceding sentence, "satisfactory payment" shall mean that payment was made after the date the bill is due no more than one time during the twelve month period and that no payment was made by a check that was subsequently dishonored. If the CLEC does not meet these refund criteria, the deposit may be retained for an additional six months, at the end of which another review will be made to determine whether CLEC has made satisfactory payment (as defined in the preceding sentence) of all charges within the twelve months immediately preceding that review.
- 9.10 The fact that a Cash Deposit or Letter of Credit is requested by AT&T-12STATE shall in no way relieve CLEC from timely compliance with all payment obligations under this Agreement (including, but not limited to, recurring, non-recurring and usage sensitive charges, termination charges and advance payments), nor does it constitute a waiver or modification of the terms of this Agreement pertaining to disconnection or re-entry for non-payment of any amounts required to be paid hereunder.
- 9.11 For adequate assurance of payment of amounts due (or to become due) to AT&T CONNECTICUT, see the applicable DPUC ordered tariff.

10. BILLING AND PAYMENT OF CHARGES

- 10.1 Unless otherwise stated, each Party will render monthly bill(s) to the other for Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation, functions, facilities, products and services provided hereunder at the rates set forth in the applicable Appendix Pricing, as set forth in applicable tariffs or other documents specifically referenced herein and, as applicable, as agreed upon by the Parties or authorized by a Party.
- 10.1.1 Remittance in full of all bills rendered by AT&T-10STATE and AT&T CALIFORNIA is due within thirty (30) calendar days of each bill date (the "Bill Due Date"). Payment must be made in accordance with the terms set forth in Section 10.3 of this Agreement.

- 10.1.2 Remittance in full of all bills rendered by AT&T NEVADA is due in accordance with the terms set forth in the Commission C2-A Tariff, with the date on which amounts are due referred to herein as the "Bill Due Date".
- 10.1.3 Remittance in full of all bills rendered by AT&T CONNECTICUT is due in accordance with the terms set forth in the Connecticut Access Service Tariff approved by the DPUC, with the date on which amounts are due referred to herein as the "Bill Due Date".
- 10.1.4 Remittance in full of all bills rendered by CLEC is due within thirty (30) calendar days of each bill date (the "Bill Due Date").
- 10.1.5 If CLEC fails to remit payment for any charges by the Bill Due Date, or if payment for any portion of the charges is received from CLEC after the Bill Due Date, or if payment for any portion of the charges is received in funds which are not immediately available to AT&T-12STATE as of the Bill Due Date (individually and collectively, "Past Due"), then a late payment charge will be assessed as provided below, as applicable.
- 10.1.5.1 If any charge incurred under this Agreement that is billed out of any AT&T-8STATE billing system other than the AT&T SOUTHWEST REGION 5-STATE Customer Records Information System (CRIS) is Past Due, the unpaid amounts will accrue interest from the day following the Bill Due Date until paid at the lesser of (i) the rate used to compute the Late Payment Charge in the applicable AT&T-8STATE intrastate access services tariff for that state and (ii) the highest rate of interest that may be charged under Applicable Law. The method and timing for application of interest to any charge incurred under this Agreement that is billed out of any AT&T-8STATE billing system other than AT&T SOUTHWEST REGION 5-STATE's CRIS will comply with the process set forth in the applicable AT&T-8STATE intrastate access services tariff for that state.
- 10.1.5.2 If any charge incurred under this Agreement that is billed out of AT&T SOUTHWEST REGION 5-STATE's CRIS is Past Due, the unpaid amounts will accrue interest from the day following the Bill Due Date until paid. The interest rate applied to AT&T SOUTHWEST REGION 5-STATE CRIS-billed Past Due unpaid amounts will be the lesser of (i) the rate used to compute the Late Payment Charge contained in the applicable AT&T SOUTHWEST REGION 5-STATE intrastate retail tariff governing Late Payment Charges to AT&T SOUTHWEST REGION 5-STATE's retail End Users that are business End Users in that state and (ii) the highest rate of interest that may be charged under Applicable Law. The method and timing for application of interest to any charge incurred under this Agreement that is billed out of AT&T SOUTHWEST REGION 5-STATE's CRIS will be governed by the AT&T SOUTHWEST REGION 5-STATE intrastate retail tariff governing Late Payment Charges to AT&T SOUTHWEST REGION 5-STATE's retail End Users that are business End Users in that state.
- 10.1.5.3 If any charge incurred under this Agreement that is billed out of any AT&T MIDWEST REGION 5-STATE billing system is Past Due, the unpaid amounts will accrue interest from the Bill Due Date at the lesser of (i) one and one-half percent (1 ½%) per month and (ii) the highest rate of interest that may be charged under Applicable Law, compounded daily from the day following the Bill Due Date to and including the date that the payment is actually made and available.
- 10.2 If any charge incurred by AT&T-13STATE under this Agreement is Past Due, the unpaid amounts will accrue interest from the day following the Bill Due Date until paid. The interest rate applied will be the lesser of (i) the rate used to compute the Late Payment Charge contained in the applicable AT&T-13STATE intrastate access services tariff for that state and (ii) the highest rate of interest that may be charged under Applicable Law, compounded daily from the Bill Due Date to and including the date that the payment is actually made and available.

10.3 CLEC shall make all payments to AT&T-12STATE via electronic funds credit transfers through the Automated Clearing House Association (ACH) network to the financial institution designated by AT&T-12STATE. Remittance information will be communicated together with the funds transfer via the ACH network. CLEC must use the CCD+ or the CTX transaction set. CLEC and AT&T-12STATE will abide by the National Automated Clearing House Association (NACHA) Rules and Regulations. Each ACH credit transfer must be received by AT&T-12STATE no later than the Bill Due Date of each bill or Late Payment Charges will apply. AT&T-12STATE is not liable for any delays in receipt of funds or errors in entries caused by CLEC or Third Parties, including CLEC's financial institution. CLEC is responsible for its own banking fees.

10.3.1 Processing of payments not made via electronic funds credit transfers through the ACH network may be delayed. CLEC is responsible for any Late Payment Charges resulting from CLEC's failure to use electronic funds credit transfers through the ACH network.

10.3.2 CLEC must make all payments to AT&T CONNECTICUT in "immediately available funds." All payments to AT&T CONNECTICUT must be made using one of the methods set forth in the Connecticut Access Service Tariff approved by the DPUC or via electronic funds credit transfers through the Automated Clearing House Association (ACH) network to the financial institution designated by AT&T CONNECTICUT. If CLEC makes payment through funds transfer via the ACH network, remittance information will be communicated together with the funds transfer via the ACH network. If CLEC makes payment through funds transfer via the ACH network, CLEC must use the CCD+ or the CTX transaction set. CLEC and AT&T CONNECTICUT will abide by the National Automated Clearing House Association (NACHA) Rules and Regulations. Each payment must be received by AT&T CONNECTICUT no later than the Bill Due Date of each bill or Late Payment Charges will apply. AT&T CONNECTICUT is not liable for any delays in receipt of funds or errors in entries caused by CLEC or Third Parties, including CLEC's financial institution. CLEC is responsible for its own banking fees.

10.4 If any portion of an amount due to a Party (the "Billing Party") under this Agreement is subject to a bona fide dispute between the Parties, the Party billed (the "Non-Paying Party") must, prior to the Bill Due Date, give written notice to the Billing Party of the amounts it disputes ("Disputed Amounts") and include in such written notice the specific details and reasons for disputing each item listed in Section 12.4.1. The Disputing Party should utilize any existing and preferred form provided by the Billing Party to communicate disputes to the Billing Party. On or before the Bill Due Date, the Non-Paying Party must pay (i) all undisputed amounts to the Billing Party, and (ii) all Disputed Amounts [other than disputed charges arising from Appendix Intercarrier Compensation] into an interest bearing escrow account with a Third Party escrow agent mutually agreed upon by the Parties.

10.5 Disputed Amounts in escrow will be subject to Late Payment Charges as set forth in Section 10.1.5.

10.6 Requirements to Establish Escrow Accounts.

10.6.1 To be acceptable, the Third Party escrow agent must meet all of the following criteria:

10.6.1.1 The financial institution proposed as the Third Party escrow agent must be located within the continental United States;

10.6.1.2 The financial institution proposed as the Third Party escrow agent may not be an Affiliate of either Party; and

10.6.1.3 The financial institution proposed as the Third Party escrow agent must be authorized to handle ACH (credit transactions) (electronic funds) transfers.

10.6.2 In addition to the foregoing requirements for the Third Party escrow agent, the disputing Party and the financial institution proposed as the Third Party escrow agent must agree in writing furnished to the Billing Party that the escrow account will meet all of the following criteria:

10.6.2.1 The escrow account must be an interest bearing account;

- 10.6.2.2 all charges associated with opening and maintaining the escrow account will be borne by the disputing Party;
- 10.6.2.3 that none of the funds deposited into the escrow account or the interest earned thereon may be used to pay the financial institution's charges for serving as the Third Party escrow agent;
- 10.6.2.4 all interest earned on deposits to the escrow account will be disbursed to the Parties in the same proportion as the principal; and
- 10.6.2.5 disbursements from the escrow account will be limited to those:
- 10.6.2.5.1 authorized in writing by both the disputing Party and the Billing Party (that is, signature(s) from representative(s) of the disputing Party only are not sufficient to properly authorize any disbursement); or
- 10.6.2.5.2 made in accordance with the final, non-appealable order of the arbitrator appointed pursuant to the provisions of Section 12.7; or
- 10.6.2.5.3 made in accordance with the final, non-appealable order of the court that had jurisdiction to enter the arbitrator's award pursuant to Section 12.7.
- 10.6.3 Disputed Amounts in escrow will be subject to Late Payment Charges as set forth in Section 10.1.5.
- 10.6.4 Issues related to Disputed Amounts shall be resolved in accordance with the procedures identified in the Dispute Resolution provisions set forth in Section 12.
- 10.7 If the Non-Paying Party disputes any charges and any portion of the dispute is resolved in favor of such Non-Paying Party, the Parties will cooperate to ensure that all of the following actions are completed:
- 10.7.1 the Billing Party will credit the invoice of the Non-Paying Party for that portion of the Disputed Amounts resolved in favor of the Non-Paying Party, together with any Late Payment Charges assessed with respect thereto no later than the second Bill Due Date after resolution of the dispute:
- 10.7.1.1 within ten (10) Business Days after resolution of the dispute, the portion of the escrowed Disputed Amounts resolved in favor of the Non-Paying Party will be released to the Non-Paying Party, together with any interest accrued thereon;
- 10.7.1.2 within ten (10) Business Days after resolution of the dispute, the portion of the escrowed Disputed Amounts resolved in favor of the Billing Party will be released to the Billing Party, together with any interest accrued thereon; and
- 10.7.1.3 no later than the third Bill Due Date after the resolution of the dispute, the Non-Paying Party will pay the Billing Party the difference between the amount of accrued interest the Billing Party received from the escrow disbursement and the amount of Late Payment Charges the Billing Party is entitled to receive pursuant to Section 10.1.5.
- 10.8 If the Non-Paying Party disputes any charges and the entire dispute is resolved in favor of the Billing Party, the Parties will cooperate to ensure that all of the actions required by Section 10.7.1.1 and Section 10.7.1.3 are completed within the times specified therein.
- 10.8.1 Failure by the Non-Paying Party to pay any charges determined to be owed to the Billing Party within the time specified in Section 10.7 shall be grounds for termination of the Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation, functions, facilities, products and services provided under this Agreement.
- 10.9 If either Party requests one or more additional copies of a bill, the requesting Party will pay the Billing Party a reasonable fee for each additional copy, unless such copy was requested due to failure in delivery of the original bill or correction(s) to the original bill.

10.9.1 Each additional copy of any bill provided for billing from AT&T SOUTHWEST REGION 5-STATE's CABS billing system will incur charges as specified in Access Service Tariff FCC No. 73 Section 13 Alternate Bill Media.

10.9.2 Bills provided to CLEC from AT&T SOUTHWEST REGION 5-STATE's CRIS system through Bill Plus will incur charges as specified in Appendix Pricing.

10.10 Exchange of Billing Message Information

10.10.1 AT&T-13STATE will provide CLEC a specific Daily Usage File ("DUF" or "Usage Extract") for Resale Services provided hereunder ("Customer Usage Data"). Such Customer Usage Data will be provided by AT&T-13STATE in accordance with Exchange Message Interface (EMI) guidelines supported by OBF. Any exceptions to the supported formats will be noted in the DUF implementation requirements documentation for each AT&T-owned ILEC. The DUF will include (i) specific daily usage, including both Local Traffic (if and where applicable) and LEC-carried IntralATA Toll Traffic, in EMI format for usage sensitive services furnished in connection with each Resale Service to the extent that similar usage sensitive information is provided to retail End Users of AT&T-13STATE within that state, (ii) with sufficient detail to enable CLEC to bill its End Users for usage sensitive services furnished by AT&T-13STATE in connection with Resale Service provided by AT&T-13STATE. Procedures and processes for implementing the interfaces with AT&T-13STATE will be included in implementation requirements documentation.

10.10.2 To establish file transmission for the Daily Usage File, CLEC must provide to AT&T-13STATE a separate written request for each state no less than sixty (60) calendar days prior to the desired first transmission date for each file.

10.10.3 Call detail for LEC-carried calls that are alternately billed to CLEC End Users' lines provided by AT&T-13STATE through Resale will be forwarded to CLEC as rated call detail on the DUF.

10.10.4 AT&T SOUTHWEST REGION 5-STATE will bill CLEC for Usage Extract furnished by AT&T SOUTHWEST REGION 5-STATE in accordance with the price(s) provided in the applicable Appendix Pricing under "Electronic Billing Information Data (Daily Usage) per message" or "Provision of Message Detail a.k.a. Daily Usage File (DUF)".

10.10.5 Interexchange call detail on Resale Services that is forwarded to AT&T-13STATE for billing, which would otherwise be processed by AT&T-13STATE for its retail End Users, will be returned to the IXC and will not be passed through to CLEC. This call detail will be returned to the IXC with a transaction code indicating that the returned call originated from a resold account. Billing for Information Services and other ancillary services traffic on Resale Services will be passed through when AT&T-13STATE records the message.

10.11 When CLEC serves its end user via switch-based service, both Parties will settle tariffed ABT charges for calls accepted by each Party's end users, except in AT&T Connecticut. The originating Party will pay the Party that has the billable end user a Billing and Collection (B&C) fee per billed message as set forth in the pricing schedule.

11. NONPAYMENT AND PROCEDURES FOR DISCONNECTION

11.1 If a Party is furnished Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation, functions, facilities, products and services under the terms of this Agreement in more than one (1) state, Sections 11.1 through 11.7, inclusive, shall be applied separately for each such state.

11.2 Failure to pay charges shall be grounds for disconnection of Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation, functions, facilities, products and services furnished under this Agreement. If a Party fails to pay any charges billed to it under this Agreement, including but not limited to any Late Payment Charges or miscellaneous charges ("Unpaid Charges"), and any portion of such Unpaid Charges remain unpaid after the Bill Due Date, the Billing Party will notify the Non-Paying Party in writing that in order to avoid disruption or disconnection of the Interconnection, Resale

Services, Lawful Unbundled Network Elements, Collocation, functions, facilities, products and services furnished under this Agreement, the Non-Paying Party must remit all Unpaid Charges to the Billing Party within ten (10) Business Days following receipt of the Billing Party's notice of Unpaid Charges.

11.2.1 **AT&T INDIANA** will also provide any written notification to the Indiana Utility Regulatory Commission as required by rule 170 IAC 7-6.

11.2.2 **AT&T KANSAS** will also provide any written notification to the Kansas Corporation Commission as required by Order Number 5 (dated March 25, 2002) in Docket 01-GIMT-649-GIT.

11.2.3 **AT&T MISSOURI** will also provide any written notification to the Missouri Public Service Commission as required by Rule 4 CSR 240-32.120.

11.3 If the Non-Paying Party desires to dispute any portion of the Unpaid Charges, the Non-Paying Party must complete all of the following actions not later than ten (10) Business Days following receipt of the Billing Party's notice of Unpaid Charges:

11.3.1 notify the Billing Party in writing which portion(s) of the Unpaid Charges it disputes, including the total amount disputed ("Disputed Amounts") and the specific details listed in Section 12.4.1 of this Agreement, together with the reasons for its dispute; and

11.3.2 pay all undisputed Unpaid Charges to the Billing Party; and

11.3.3 pay all Disputed Amounts [other than disputed charges arising from Appendix Intercarrier Compensation] into an interest bearing escrow account that complies with the requirements set forth in Section 10.6; and

11.3.4 furnish written evidence to the Billing Party that the Non-Paying Party has established an interest bearing escrow account that complies with all of the terms set forth in Section 10.6 and deposited a sum equal to the Disputed Amounts [other than disputed charges arising from Appendix Intercarrier Compensation] into that account. Until evidence that the full amount of the Disputed Charges [other than disputed charges arising from Appendix Intercarrier Compensation] has been deposited into an escrow account that complies with Section 10.6 is furnished to the Billing Party, such Unpaid Charges will not be deemed to be "disputed" under Section 12.

11.4 Issues related to Disputed Amounts shall be resolved in accordance with the procedures identified in the Dispute Resolution provision set forth in Section 12.

11.5 **AT&T-12STATE**

11.5.1 If the Non-Paying Party fails to (a) pay any undisputed Unpaid Charges in response to the Billing Party's Section 11.2 notice, (b) deposit the disputed portion of any Unpaid Charges into an interest bearing escrow account that complies with all of the terms set forth in Section 10.6 within the time specified in Section 11.3, (c) timely furnish any assurance of payment requested in accordance with Section 9 or (d) make a payment in accordance with the terms of any mutually agreed payment arrangement, the Billing Party may, in addition to exercising any other rights or remedies it may have under Applicable Law, provide written demand to the Non-Paying Party for payment of any of the obligations set forth in (a) through (d) of this Section within ten (10) Business Days. On the day that the Billing Party provides such written demand to the Non-Paying Party, the Billing Party may also exercise any or all of the following options:

11.5.1.1 suspend acceptance of any application, request or order from the Non-Paying Party for new or additional Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation, functions, facilities, products or services under this Agreement; and/or

11.5.1.2 suspend completion of any pending application, request or order from the Non-Paying Party for new or additional Interconnection, Resale Services, Lawful Unbundled

Network Elements, Collocation, functions, facilities, products or services under this Agreement.

11.5.2 Notwithstanding anything to the contrary in this Agreement, the Billing Party's exercise of any of its options under Section 11.5.1, Section 11.5.1.1 and Section 11.5.1.2:

11.5.2.1 will not delay or relieve the Non-Paying Party's obligation to pay all charges on each and every invoice on or before the applicable Bill Due Date, and

11.5.2.2 will exclude any affected application, request, order or service from any otherwise applicable performance interval, Performance Benchmark or Performance Measure.

11.6 AT&T MIDWEST REGION 5-STATE only

11.6.1 If the Non-Paying Party fails to pay the Billing Party on or before the date specified in the demand provided under Section 11.5.1 of this Agreement, the Billing Party may, in addition to exercising any other rights or remedies it may have under Applicable Law,

11.6.1.1 cancel any pending application, request or order from the Non-Paying Party for new or additional Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation, functions, facilities, products or services under this Agreement; and

11.6.1.2 discontinue providing any Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation, functions, facilities, products or services furnished under this Agreement.

11.6.1.2.1 Notwithstanding any inconsistent provisions in this Agreement, discontinuance of service by AT&T INDIANA will comply with Indiana Utility Regulatory Commission rule 170 IAC 7-6.

11.6.1.2.2 The Billing Party has no liability to the Non-Paying Party or its End Users in the event of discontinuance of service.

11.6.1.2.3 Additional charges may become applicable under the terms of this Agreement following discontinuance of service.

11.7 AT&T-7STATE only

11.7.1 Any demand provided by AT&T-7STATE to CLEC under Section 11.5.1 will further specify that upon disconnection of CLEC, AT&T-7STATE will cause CLEC's End Users that are provisioned through Resale Services to be transferred to AT&T-7STATE local service.

11.7.1.1 A copy of the demand provided to CLEC under Section 11.7.1 will be provided to the Commission.

11.7.2 If the Non-Paying Party fails to pay the Billing Party on or before the date specified in the demand provided under Section 11.5.1 of this Agreement, the Billing Party may, in addition to exercising any other rights or remedies it may have under Applicable Law,

11.7.2.1 cancel any pending application, request or order for new or additional Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation, functions, facilities, products or services under this Agreement; and

11.7.2.2 disconnect any Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation, functions, facilities, products or services furnished under this Agreement.

11.7.2.2.1 Notwithstanding any inconsistent provisions in this Agreement, disconnection of service by AT&T KANSAS will comply with Kansas Corporation Commission Order Number 5 (dated March 25, 2002) in Docket 01-GIMT-649-GIT.

11.7.3 On the same date that Resale Services to CLEC are disconnected, AT&T-7STATE will transfer CLEC's End Users provisioned through Resale Services to AT&T-7STATE's local service. To the extent available at retail from AT&T-7STATE, the Resale End Users transferred to AT&T-

7STATE's local service will receive the same services that were provided through CLEC immediately prior to the time of transfer; provided, however, AT&T-7STATE reserves the right to toll restrict (both interLATA and intraLATA) such transferred End Users.

11.7.3.1 Notwithstanding any inconsistent provisions in this Agreement, the transfer of Resale End Users to AT&T MISSOURI will comply with Missouri Public Service Commission Rule 4 CSR 240-32.120.

11.7.3.2 AT&T-7STATE will inform the Commission of the names of all Resale End Users transferred through this process.

11.7.3.3 Conversion charges and service establishment charges for transferring Resale End Users to AT&T-7STATE as specified in Section 11.7.3 will be billed to CLEC.

11.7.3.4 The Billing Party has no liability to the Non-Paying Party or its End Users in the event of disconnection of service in compliance with Section 11.7.2. AT&T-7STATE has no liability to CLEC or CLEC's End Users in the event of disconnection of service to CLEC and the transfer of any Resale End Users to AT&T-7STATE local service in connection with such disconnection.

11.7.4 Within five (5) calendar days following the transfer, AT&T-7STATE will notify each transferred Resale End User that because of CLEC's failure to pay AT&T-7STATE, the End User's local service is now being provided by AT&T-7STATE. This notice will also advise each transferred Resale End User that the End User has thirty (30) calendar days from the date of transfer to select a new Local Service Provider.

11.7.4.1 Notwithstanding any inconsistent provisions in this Agreement, notice of transfer to Missouri Resale End Users will comply with Missouri Public Service Commission Rule 4 CSR 240-32.120.

11.7.4.1.1 Notwithstanding any inconsistent provisions in this Agreement, notice of transfer to Kansas Resale End Users will comply with Kansas Corporation Commission Order No. 5 (dated March 25, 2002) in Docket 01-GIMT-649-GIT.

11.7.5 The transferred Resale End User shall be responsible for any and all charges incurred during the selection period other than those billed to CLEC under Section 11.7.3.3.

11.7.6 If any Resale End User transferred to AT&T-7STATE's local service under Section 11.7.3 of this Agreement fails to select a new Local Service Provider within thirty (30) calendar days of the transfer, AT&T-7STATE may terminate the transferred Resale End User's service.

11.7.6.1 AT&T-7STATE will notify the Commission of the names of all transferred Resale End Users whose local service was terminated pursuant to Section 11.7.5.

11.7.6.2 Nothing in this Agreement shall be interpreted to obligate AT&T-7STATE to continue to provide local service to any transferred Resale End User beyond the thirty (30) calendar day selection period. Nothing herein shall be interpreted to limit any and all disconnection rights AT&T-7STATE has with regard to such transferred Resale End Users under Applicable Law; provided, however,

11.7.6.2.1 in AT&T CALIFORNIA only, following expiration of the selection period and disconnection of such transferred Resale End Users, where facilities permit, AT&T CALIFORNIA will furnish transferred and subsequently disconnected local residential End Users with "quick dial tone".

11.8 AT&T CONNECTICUT only

11.8.1 For nonpayment and procedures for disconnection for AT&T CONNECTICUT, see the applicable DPUC ordered tariff.

11.9 Limitation on Back-billing and Credit Claims:

11.9.1 Notwithstanding anything to the contrary in this Agreement, a Party shall be entitled to

11.9.1.1 Back-bill for or claim credit for any charges for services provided pursuant to this Agreement that are found to be unbilled, under-billed or over-billed, but only when such charges appeared or should have appeared on a bill dated within the twelve (12) months immediately preceding the date on which the Billing Party provided written notice to the Billed Party of the amount of the back-billing or the Billed Party provided written notice to the Billing Party of the claimed credit amount. The Parties agree that the twelve (12) month limitation on back-billing and credit claims set forth in the preceding sentence shall be applied prospectively only after the Effective Date of this Agreement, meaning that the twelve month period for any back-billing or credit claims may only include billing periods that fall entirely after the Effective Date of this Agreement and will not include any portion of any billing period that began prior to the Effective Date of this Agreement.

11.9.1.2 Back-billing and credit claims, as limited above, will apply to all Interconnection, Resale Services, Unbundled Network Elements, Collocation, facilities, functions, product and services purchased under this Agreement. Intercarrier Compensation is specifically excluded from this Section and is addressed separately in the Intercarrier Compensation Attachment.

12. DISPUTE RESOLUTION

12.1 Finality of Disputes

12.1.1 Except as otherwise specifically provided for in this Agreement, no claim may be brought for any dispute arising from this Agreement more than twenty-four (24) months from the date the occurrence which gives rise to the dispute is discovered or reasonably should have been discovered with the exercise of due care and attention.

12.1.2 Notwithstanding anything contained in this Agreement to the contrary, a Party shall be entitled to dispute only those charges which appeared on a bill dated within the twelve (12) months immediately preceding the date on which the Billing Party received notice of such Disputed Amounts.

12.2 Alternative to Litigation

12.2.1 The Parties desire to resolve disputes arising out of this Agreement without litigation. Accordingly, the Parties agree to use the following Dispute Resolution procedures with respect to any controversy or claim arising out of or relating to this Agreement or its breach.

12.3 Commencing Dispute Resolution

12.3.1 Dispute Resolution shall commence upon one Party's receipt of written notice of a controversy or claim arising out of or relating to this Agreement or its breach. No Party may pursue any claim unless such written notice has first been given to the other Party. There are three (3) separate Dispute Resolution methods:

12.3.1.1 Service Center (AT&T MIDWEST REGION 5-STATE), LSC (AT&T-7STATE) or LEC-C (AT&T CONNECTICUT) or Collocation Service Center (CSC);

12.3.1.2 Informal Dispute Resolution; and

12.3.1.3 Formal Dispute Resolution, each of which is described below.

12.4 LSC/Service Center/LEC-C or CSC Dispute Resolution - the following Dispute Resolution procedures will apply with respect to any billing dispute arising out of or relating to the Agreement. Written notice sent to AT&T-13STATE for Disputed Amounts must be made on the "13 Billing Claims Dispute Form".

12.4.1 If the written notice given pursuant to Section 12.3 discloses that a CLEC dispute relates to billing, then the procedures set forth in this Section 12.4 shall be used and the dispute shall first be referred to the appropriate service center AT&T MIDWEST REGION 5-STATE Service Center; AT&T-7STATE Local Service Center (LSC); AT&T CONNECTICUT Local Exchange Carrier Center (LEC-C)] for resolution. In order to resolve a billing dispute, CLEC shall furnish AT&T-13STATE written notice of (i) the date of the bill in question, (ii) CBA/ESBA/ASBS or BAN number of the bill in question, (iii) telephone number, circuit ID number or trunk number in question, (iv) any USOC information relating to the item questioned, (v) amount billed and (vi) amount in question and (vii) the reason that CLEC disputes the billed amount. To be deemed a "dispute" under this Section 12.4, CLEC must provide evidence that it has either paid the disputed amount or established an interest bearing escrow account that complies with the requirements set forth in Section 10.6 of this Agreement and deposited all Unpaid Charges relating to Resale Services and Lawful Unbundled Network Elements into that escrow account. Failure to provide the information and evidence required by this Section 12.4.1 not later than twenty-nine (29) calendar days following the Bill Due Date shall constitute CLEC's irrevocable and full waiver of its right to dispute the subject charges.

12.4.2 The Parties shall attempt to resolve Disputed Amounts appearing on AT&T-13STATE's current billing statements thirty (30) to sixty (60) calendar days from the Bill Due Date (provided the CLEC furnishes all requisite information and evidence under Section 12.4.1 by the Bill Due Date). If not resolved within thirty (30) calendar days, upon request, AT&T-13STATE will notify CLEC of the status of the dispute and the expected resolution date.

12.4.3 The Parties shall attempt to resolve Disputed Amounts appearing on statements prior to the current billing statement within thirty (30) to ninety (90) calendar days, but resolution may take longer depending on the complexity of the dispute. If not resolved within thirty (30) calendar days from the date notice of the Disputed Amounts was received (provided that CLEC furnishes all requisite information and evidence under Section 12.4.1), AT&T-13STATE will notify CLEC of the status of the dispute and the expected resolution date.

12.4.4 Any notice of Disputed Amounts given by AT&T-13STATE to CLEC pursuant to Section 12.3 shall furnish CLEC written notice of: (i) the date of the bill in question, (ii) the account number or other identification of the bill in question, (iii) any telephone number, circuit ID number or trunk number in question, (iv) any USOC (or other descriptive information) questioned, (v) the amount billed, (vi) the amount in question, and (vii) the reason that AT&T-13STATE disputes the billed amount. The Parties shall attempt to resolve Disputed Amounts appearing on current billing statement(s) thirty (30) to sixty (60) calendar days from the Bill Due Date (provided AT&T-13STATE, furnishes all requisite information by the Bill Due Date) and Disputed Amounts appearing on statements prior to the current billing statement within thirty (30) to ninety (90) calendar days, but resolution may take longer depending on the complexity of the dispute. If not resolved within thirty (30) calendar days, CLEC will notify AT&T-13STATE of the status of the dispute and the expected resolution date.

12.4.5 If the Non-Paying Party is not satisfied by the resolution of the billing dispute under this Section 12.4, the Non-Paying Party may notify the Billing Party in writing that it wishes to invoke the Informal Resolution of Disputes afforded pursuant to Section 12.5 of this Agreement.

12.5 Informal Resolution of Disputes

12.5.1 Upon receipt by one Party of notice of a dispute by the other Party pursuant to Section 12.3 or Section 12.4.5, each Party will appoint a knowledgeable, responsible representative to meet and negotiate in good faith to resolve any dispute arising under this Agreement. The location, form, frequency, duration, and conclusion of these discussions will be left to the discretion of the representatives. Upon agreement, the representatives may utilize other alternative Dispute Resolution procedures such as mediation to assist in the negotiations. Discussions and the correspondence among the representatives for purposes of settlement are exempt from

discovery and production and will not be admissible in the arbitration described below or in any lawsuit without the concurrence of both Parties. Documents identified in or provided with such communications that were not prepared for purposes of the negotiations are not so exempted, and, if otherwise admissible, may be admitted in evidence in the arbitration or lawsuit.

12.6 Formal Dispute Resolution

- 12.6.1 If the Parties are unable to resolve the dispute through the informal procedure described in Section 12.5, then either Party may invoke the formal Dispute Resolution procedures described in this Section 12.6. Unless agreed among all Parties, formal Dispute Resolution procedures, including arbitration or other procedures as appropriate, may be invoked not earlier than sixty (60) calendar days after receipt of the letter initiating Dispute Resolution under Section 12.3.
- 12.6.2 Claims Subject to Mandatory Arbitration. The following claims, if not settled through informal Dispute Resolution, will be subject to mandatory arbitration pursuant to Section 12.7 below:
 - 12.6.2.1 Each unresolved billing dispute involving one percent (1%) or less of the amounts charged to the Disputing Party under this Agreement in the state in which the dispute arises during the twelve (12) months immediately preceding receipt of the letter initiating Dispute Resolution under Section 12.3. If the disputing Party has not been billed for a minimum of twelve (12) months immediately preceding receipt of the letter initiating Dispute Resolution under Section 12.3, the Parties will annualize the actual number of months billed.
 - 12.6.3 Claims Subject to Elective Arbitration. Claims will be subject to elective arbitration pursuant to Section 12.7 if, and only if, the claim is not settled through informal Dispute Resolution and both Parties agree to arbitration. If both Parties do not agree to arbitration, then either Party may proceed with any remedy available to it pursuant to law, equity or agency mechanism.
 - 12.6.4 Claims Not Subject to Arbitration. If the following claims are not resolved through informal Dispute Resolution, they will not be subject to arbitration and must be resolved through any remedy available to a Party pursuant to law, equity or agency mechanism.
 - 12.6.4.1 Actions seeking a temporary restraining order or an injunction related to the purposes of this Agreement.
 - 12.6.4.2 Actions to compel compliance with the Dispute Resolution process.
 - 12.6.4.3 All claims arising under federal or state statute(s), including antitrust claims.

12.7 Arbitration

- 12.7.1 Disputes subject to mandatory or elective arbitration under the provisions of this Agreement will be submitted to a single arbitrator pursuant to the Commercial Arbitration Rules of the American Arbitration Association or pursuant to such other provider of arbitration services or rules as the Parties may agree. The arbitrator shall be knowledgeable of telecommunications issues. Each arbitration will be held in Dallas, Texas (AT&T SOUTHWEST REGION 5-STATE); Chicago, Illinois (AT&T MIDWEST REGION 5-STATE); San Francisco, California (AT&T CALIFORNIA); Reno, Nevada (AT&T NEVADA); or New Haven, Connecticut (AT&T CONNECTICUT), as appropriate, unless the Parties agree otherwise. The arbitration hearing will be requested to commence within sixty (60) calendar days of the demand for arbitration. The arbitrator will control the scheduling so as to process the matter expeditiously. The Parties may submit written briefs upon a schedule determined by the arbitrator. The Parties will request that the arbitrator rule on the dispute by issuing a written opinion within thirty (30) calendar days after the close of hearings. The Federal Arbitration Act, 9 U.S.C. Secs. 1-16, not state law, shall govern the arbitrability of all disputes. Notwithstanding any rule of the AAA Commercial Arbitration Rules to the contrary, the Parties agree that the arbitrator will have no authority to award punitive damages, exemplary damages, Consequential Damages, multiple damages, or any other damages not measured by the prevailing Party's actual damages, and may not, in any

event, make any ruling, finding or award that does not conform to the terms and conditions of this Agreement. The times specified in this Section may be extended or shortened upon mutual agreement of the Parties or by the arbitrator upon a showing of good cause. Each Party will bear its own costs of these procedures, including attorneys' fees. The Parties will equally split the fees of the arbitration and the arbitrator. The arbitrator's award shall be final and binding and may be entered in any court having jurisdiction thereof. Judgment upon the award rendered by the arbitrator may be entered in any court having jurisdiction.

13. AUDITS – APPLICABLE IN AT&T-12STATE ONLY

- 13.1 Subject to the restrictions set forth in Section 22 "Confidentiality" and except as may be otherwise expressly provided in this Agreement, a Party (the "Auditing Party") may audit the other Party's (the "Audited Party") books, records, data and other documents, as provided herein, once annually, with the audit period commencing not earlier than the date on which services were first supplied under this Agreement ("service start date") for the purpose of evaluating (i) the accuracy of Audited Party's billing and invoicing of the services provided hereunder and (ii) verification of compliance with any provision of this Agreement that affects the accuracy of Auditing Party's billing and invoicing of the services provided to Audited Party hereunder. Notwithstanding the foregoing, an Auditing Party may audit the Audited Party's books, records and documents more than once annually if the previous audit found (i) previously uncorrected net variances or errors in invoices in Audited Party's favor with an aggregate value of at least five percent (5%) of the amounts payable by Auditing Party for audited services provided during the period covered by the audit or (ii) non-compliance by Audited Party with any provision of this Agreement affecting Auditing Party's billing and invoicing of the services provided to Audited Party with an aggregate value of at least five percent (5%) of the amounts payable by Audited Party for audited services provided during the period covered by the audit.
 - 13.1.1 The scope of the audit shall be limited to the period which is the shorter of (i) the period subsequent to the last day of the period covered by the audit which was last performed (or if no audit has been performed, the service start date and (ii) the twelve (12) month period immediately preceding the date the Audited Party received notice of such requested audit, but in any event not prior to the service start date. Such audit shall begin no fewer than thirty (30) calendar days after Audited Party receives a written notice requesting an audit and shall be completed no later than thirty (30) calendar days after the start of such audit.
 - 13.1.2 Such audit shall be conducted either by the Auditing Party's employee(s) or an independent auditor acceptable to both Parties; provided, however, if the Audited Party requests that an independent auditor be engaged and the Auditing Party agrees, the Audited Party shall pay one-quarter (1/4) of the independent auditor's fees and expenses. If an independent auditor is to be engaged, the Parties shall select an auditor by the thirtieth day following Audited Party's receipt of a written audit notice. Auditing Party shall cause the independent auditor to execute a nondisclosure agreement in a form agreed upon by the Parties.
 - 13.1.3 Each audit shall be conducted on the premises of the Audited Party during normal business hours. Audited Party shall cooperate fully in any such audit and shall provide the auditor reasonable access to any and all appropriate Audited Party employees and any books, records and other documents reasonably necessary to assess (i) the accuracy of Audited Party's bills and (ii) Audited Party's compliance with the provisions of this Agreement that affect the accuracy of Auditing Party's billing and invoicing of the services provided to Audited Party hereunder. Audited Party may redact from the books, records and other documents provided to the auditor any Audited Party information that reveals the identity of End Users of Audited Party.
 - 13.1.4 Each Party shall maintain reports, records and data relevant to the billing of any services that are the subject matter of this Agreement for a period of not less than twenty-four (24) months after creation thereof, unless a longer period is required by Applicable Law.
 - 13.1.5 If any audit confirms any undercharge or overcharge, then Audited Party shall (i) promptly correct any billing error, including making refund of any overpayment by Auditing Party in the

form of a credit on the invoice for the first full billing cycle after the Parties have agreed upon the accuracy of the audit results and (ii) for any undercharge caused by the actions of the Audited Party, immediately compensate Auditing Party for such undercharge, and (iii) in each case, calculate and pay interest as provided in Section 10.1 (depending on the AT&T-owned ILEC(s) involved), for the number of calendar days from the date on which such undercharge or overcharge originated until the date on which such credit is issued or payment is made and available.

- 13.1.6 Except as may be otherwise provided in this Agreement, audits shall be performed at Auditing Party's expense, subject to reimbursement by Audited Party of one-quarter (1/4) of any independent auditor's fees and expenses in the event that an audit finds, and the Parties subsequently verify, a net adjustment in the charges paid or payable by Auditing Party hereunder by an amount that is, on an annualized basis, greater than five percent (5%) of the aggregate charges for the audited services during the period covered by the audit.
- 13.1.7 Any disputes concerning audit results shall be referred to the Parties' respective personnel responsible for informal resolution. If these individuals cannot resolve the dispute within thirty (30) calendar days of the referral, either Party may request in writing that an additional audit shall be conducted by an independent auditor acceptable to both Parties, subject to the requirements set out in Section 13.1. Any additional audit shall be at the requesting Party's expense.

13.2 Audits - AT&T CONNECTICUT only

- 13.2.1 Except as provided in Appendix Compensation, AT&T CONNECTICUT shall arrange for one (1) annual independent audit to be conducted by a "Big Six" independent public accounting firm or an accounting firm mutually agreed to by AT&T CONNECTICUT, CLEC and all other CLECs doing business with AT&T CONNECTICUT under the terms of an agreement adopted pursuant to Sections 251 and 252 of the Act for the purpose of evaluating the accuracy of AT&T CONNECTICUT's billing and invoicing.
- 13.2.2 AT&T CONNECTICUT will cooperate fully with the independent auditor in such audit and provide reasonable access to any and all appropriate AT&T CONNECTICUT employees, books, records and other documents reasonably necessary to perform the audit.
- 13.2.3 AT&T CONNECTICUT shall promptly correct any billing error that is revealed in the audit, including making refund of any overpayment to CLEC in the form of a credit on the invoice for the first full billing cycle after the audit report is issued; such refund shall include interest on the overpayment at the rate of eight percent (8%) per year. In the event that the audit reveals any underbilling and resulting underpayment to AT&T CONNECTICUT by CLEC, the underpayment shall be reflected in CLEC's invoice for the first full billing cycle after the audit report is issued. AT&T CONNECTICUT will not be entitled to recover interest on any underbilling to CLEC revealed by the audit for the time preceding the amount appearing on CLEC's bill from AT&T CONNECTICUT, however, AT&T CONNECTICUT shall be entitled to recover interest at the interest rate referenced in Section 10.1.5.1 on such underbilling and CLEC shall pay interest for the number of calendar days from the Bill Due Date of the bill on which such underbilling was rectified until the date on which payment is made and available to AT&T CONNECTICUT.

14. DISCLAIMER OF REPRESENTATIONS AND WARRANTIES

- 14.1 EXCEPT AS EXPRESSLY PROVIDED UNDER THIS AGREEMENT, NO PARTY MAKES OR RECEIVES ANY WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT TO THE INTERCONNECTION, RESALE SERVICES, LAWFUL UNBUNDLED NETWORK ELEMENTS, FUNCTIONS, FACILITIES, PRODUCTS AND SERVICES IT PROVIDES UNDER OR IS CONTEMPLATED TO PROVIDE UNDER THIS AGREEMENT AND EACH PARTY DISCLAIMS THE IMPLIED WARRANTIES OF MERCHANTABILITY AND/OR OF FITNESS FOR A PARTICULAR PURPOSE. ADDITIONALLY, NO PARTY TO THIS AGREEMENT ASSUMES RESPONSIBILITY WITH REGARD TO THE CORRECTNESS OF DATA OR INFORMATION SUPPLIED BY ANY OTHER

PARTY TO THIS AGREEMENT WHEN SUCH DATA OR INFORMATION IS ACCESSED AND USED BY A THIRD PARTY.

15. LIMITATION OF LIABILITY

- 15.1 Except for indemnity obligations expressly set forth herein or as otherwise expressly provided in specific appendices, each Party's liability to the other Party for any Loss relating to or arising out of such Party's performance under this Agreement, including any negligent act or omission (whether willful or inadvertent), whether in contract, tort or otherwise, including alleged breaches of this Agreement and causes of action alleged to arise from allegations that breach of this Agreement also constitute a violation of a statute, including the Act, shall not exceed in total the amount AT&T-13STATE or CLEC has charged or would have charged to the other Party for the affected Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation, or functions, facilities, products and service(s) that were not performed or provided or were improperly performed or provided.
- 15.2 Except as otherwise expressly provided in specific appendices, in the case of any Loss alleged or claimed by a Third Party to have arisen out of the negligence or willful misconduct of any Party, each Party shall bear, and its obligation shall be limited to, that portion (as mutually agreed to by the Parties or as otherwise established) of the resulting expense caused by its own negligence or willful misconduct or that of its agents, servants, contractors, or others acting in aid or concert with it.
- 15.3 A Party may, in its sole discretion, provide in its tariffs and contracts with its End Users or Third Parties that relate to any Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services provided or contemplated under this Agreement that, to the maximum extent permitted by Applicable Law, such Party shall not be liable to such End User or Third Party for (i) any Loss relating to or arising out of this Agreement, whether in contract, tort or otherwise, that exceeds the amount such Party would have charged the End User or Third Party for the Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services that gave rise to such Loss and (ii) any Consequential Damages. If a Party elects not to place in its tariffs or contracts such limitation(s) of liability, and the other Party incurs a Loss as a result thereof, the first Party shall indemnify and reimburse the other Party for that portion of the Loss that would have been limited had the first Party included in its tariffs and contracts the limitation(s) of liability described in this Section.
- 15.4 Neither CLEC nor AT&T-13STATE shall be liable to the other Party for any Consequential Damages suffered by the other Party, regardless of the form of action, whether in contract, warranty, strict liability, tort or otherwise, including negligence of any kind, whether active or passive (and including alleged breaches of this Agreement and causes of action alleged to arise from allegations that breach of this Agreement constitutes a violation of the Act or other statute), and regardless of whether the Parties knew or had been advised of the possibility that such damages could result in connection with or arising from anything said, omitted, or done hereunder or related hereto, including willful acts or omissions; provided that the foregoing shall not limit a Party's obligation under Section 16 to indemnify, defend, and hold the other Party harmless against any amounts payable to a Third Party, including any Losses, and Consequential Damages of such Third Party; provided, however, that nothing in this Section 15.4 shall impose indemnity obligations on a Party for any Loss or Consequential Damages suffered by that Party's End User in connection with any affected Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation, functions, facilities, products and services. Except as provided in the prior sentence, each Party ("Indemnifying Party") hereby releases and holds harmless the other Party ("Indemnitee") (and Indemnitee's Affiliates, and its respective officers, directors, employees and agents) against any Loss or Claim made by the Indemnifying Party's End User.
- 15.5 AT&T-13STATE shall not be liable for damages to an End User's premises resulting from the furnishing of any Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products or services, including, if applicable, the installation and removal of equipment and associated wiring, and Collocation Equipment unless the damage is caused by AT&T-13STATE's gross negligence or willful misconduct. AT&T-13STATE does not guarantee or make any warranty with

respect to Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation, functions, facilities, products or services when used in an explosive atmosphere.

- 15.6 CLEC hereby releases AT&T-13STATE from any and all liability for damages due to errors or omissions in CLEC's End User listing information as provided by CLEC to AT&T-13STATE under this Agreement, including any errors or omissions occurring in CLEC's End User listing information as it appears in the White Pages directory, including, but not limited to, special, indirect, Consequential, punitive or incidental damages.
- 15.7 AT&T-13STATE shall not be liable to CLEC, its End User or any other Person for any Loss alleged to arise out of the provision of access to 911 service or any errors, interruptions, defects, failures or malfunctions of 911 service.
- 15.8 This Section 15 is not intended to exempt any Party from all liability under this Agreement, but only to set forth the scope of liability agreed to and the type of damages that are recoverable. Both Parties acknowledge that they negotiated regarding alternate limitation of liability provisions but that such provisions would have altered the cost, and thus the price, of providing the Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services available hereunder, and no different pricing reflecting different costs and different limits of liability was agreed to.

16. INDEMNITY

- 16.1 Except as otherwise expressly provided herein or in specific appendices, each Party shall be responsible only for the Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation, functions, facilities, products and services which are provided by that Party, its authorized agents, subcontractors, or others retained by such Parties, and neither Party shall bear any responsibility for the Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services provided by the other Party, its agents, subcontractors, or others retained by such Parties.
- 16.2 Except as otherwise expressly provided herein or in specific appendices, and to the extent not prohibited by Applicable Law and not otherwise controlled by tariff, each Party (the "Indemnifying Party") shall release, defend and indemnify the other Party (the "Indemnified Party") and hold such Indemnified Party harmless against any Loss to a Third Party arising out of the negligence or willful misconduct ("Fault") of such Indemnifying Party, its agents, its End Users, contractors, or others retained by such Parties, in connection with the Indemnifying Party's provision of Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation, functions, facilities, products and services under this Agreement; provided, however, that (i) with respect to employees or agents of the Indemnifying Party, such Fault occurs while performing within the scope of their employment, (ii) with respect to subcontractors of the Indemnifying Party, such Fault occurs in the course of performing duties of the subcontractor under its subcontract with the Indemnifying Party, and (iii) with respect to the Fault of employees or agents of such subcontractor, such Fault occurs while performing within the scope of their employment by the subcontractor with respect to such duties of the subcontractor under the subcontract.
- 16.3 In the case of any Loss alleged or claimed by a End User of either Party, the Party whose End User alleged or claimed such Loss (the "Indemnifying Party") shall defend and indemnify the other Party (the "Indemnified Party") against any and all such Claims or Losses by its End User regardless of whether the underlying Interconnection, Resale Service, Lawful Unbundled Network Element, Collocation, function, facility, product or service giving rise to such Claim or Loss was provided or provisioned by the Indemnified Party, unless the Claim or Loss was caused by the gross negligence or willful misconduct of the Indemnified Party.
- 16.4 A Party (the "Indemnifying Party") shall defend, indemnify and hold harmless the other Party ("Indemnified Party") against any Claim or Loss arising from the Indemnifying Party's use of Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation, functions, facilities, products and services provided under this Agreement involving:

- 16.4.1 Any Claim or Loss arising from such Indemnifying Party's use of Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation, functions, facilities, products and services offered under this Agreement, involving any Claim for libel, slander, invasion of privacy, or infringement of Intellectual Property rights arising from the Indemnifying Party's or its End User's use.
- 16.4.1.1 The foregoing includes any Claims or Losses arising from disclosure of any End User-specific information associated with either the originating or terminating numbers used to provision Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation, functions, facilities, products or services provided hereunder and all other Claims arising out of any act or omission of the End User in the course of using any Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products or services provided pursuant to this Agreement.
- 16.4.1.2 The foregoing includes any Losses arising from Claims for actual or alleged infringement of any Intellectual Property right of a Third Party to the extent that such Loss arises from an Indemnifying Party's or an Indemnifying Party's End User's use of Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation, functions, facilities, products or services provided under this Agreement; provided, however, that an Indemnifying Party's obligation to defend and indemnify the Indemnified Party shall not apply:
- 16.4.1.2.1 where an Indemnified Party or its End User modifies Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation, functions, facilities, products or services; provided under this Agreement; and
- 16.4.1.2.2 no infringement would have occurred without such modification.
- 16.4.2 Any and all penalties imposed on either Party because of the Indemnifying Party's failure to comply with the Communications Assistance to Law Enforcement Act of 1994 (CALEA); provided that the Indemnifying Party shall also, at its sole cost and expense, pay any amounts necessary to modify or replace any equipment, facilities or services provided to the Indemnified Party under this Agreement to ensure that such equipment, facilities and services fully comply with CALEA.
- 16.5 CLEC acknowledges that its right under this Agreement to Interconnect with AT&T-13STATE's network and to unbundle and/or combine AT&T-13STATE's Lawful Unbundled Network Elements (including combining with CLEC's Network Elements) may be subject to or limited by Intellectual Property rights (including without limitation, patent, copyright, trade secret, trade mark, service mark, trade name and trade dress rights) and contract rights of Third Parties.
- 16.5.1 The Parties acknowledge that on April 27, 2000, the FCC released its Memorandum Opinion and Order in CC Docket No. 96-98 (File No. CCBPol. 97-4), In the Matter of Petition of MCI for Declaratory Ruling. The Parties further acknowledge and agree that by executing this Agreement, neither Party waives any of its rights, remedies, or arguments with respect to such decision and any remand thereof, including its right to seek legal review or a stay pending appeal of such decision.
- 16.5.1.1 AT&T-13STATE agrees to use its best efforts to obtain for CLEC, under commercially reasonable terms, Intellectual Property rights to each Lawful UNE necessary for CLEC to use such Lawful UNE in the same manner as AT&T-13STATE.
- 16.5.1.2 AT&T-13STATE shall have no obligation to attempt to obtain for CLEC any Intellectual Property right(s) that would permit CLEC to use any Lawful UNE in a different manner than used by AT&T-13STATE.
- 16.5.1.3 To the extent not prohibited by a contract with the vendor of the network element sought by CLEC that contains Intellectual Property licenses, AT&T-13STATE shall reveal to CLEC the name of the vendor, the Intellectual Property rights licensed to

AT&T-13STATE under the vendor contract and the terms of the contract (excluding cost terms). AT&T-13STATE shall, at CLEC's request, contact the vendor to attempt to obtain permission to reveal additional contract details to CLEC.

16.5.1.4 All costs associated with the extension of Intellectual Property rights to CLEC pursuant to Section 18.1, including the cost of the license extension itself and the costs associated with the effort to obtain the license, shall be a part of the cost of providing the Lawful UNE to which the Intellectual Property rights relate and apportioned to all requesting carriers using that Lawful UNE including AT&T-13STATE.

16.5.2 AT&T-13STATE hereby conveys no licenses to use such Intellectual Property rights and makes no warranties, express or implied, concerning CLEC's (or any Third Parties') rights with respect to such Intellectual Property rights and contract rights, including whether such rights will be violated by such Interconnection or unbundling and/or combining of Lawful Unbundled Network Elements (including combining with CLEC's Network Elements) in AT&T-13STATE's network or CLEC's use of other functions, facilities, products or services furnished under this Agreement. Any licenses or warranties for Intellectual Property rights associated with Lawful UNEs are vendor licenses and warranties and are a part of the Intellectual Property rights AT&T-13STATE agrees in Section 16.5.1.1 to use its best efforts to obtain.

16.5.3 AT&T-13STATE does not and shall not indemnify, defend or hold CLEC harmless, nor be responsible for indemnifying or defending, or holding CLEC harmless, for any Claims or Losses for actual or alleged infringement of any Intellectual Property right or interference with or violation of any contract right that arises out of, is caused by, or relates to CLEC's Interconnection with AT&T-13STATE's network and unbundling and/or combining AT&T-13STATE's Lawful Unbundled Network Elements (including combining with CLEC's Network Elements) or CLEC's use of other functions, facilities, products or services furnished under this Agreement. Any indemnities for Intellectual Property rights associated with Lawful UNEs shall be vendor's indemnities and are a part of the Intellectual Property rights AT&T-13STATE agrees in Section 16.5.1.1 to use its best efforts to obtain.

16.6 CLEC shall reimburse AT&T-13STATE for damages to AT&T-13STATE's facilities utilized to provide Collocation, Interconnection or Lawful UNEs hereunder caused by the negligence or willful act of CLEC, its agents or subcontractors or CLEC's End User or resulting from CLEC's improper use of AT&T-13STATE's facilities, or due to malfunction of any facilities, functions, products, services or equipment provided by any person or entity other than AT&T-13STATE. Upon reimbursement for damages, AT&T-13STATE will cooperate with CLEC in prosecuting a claim against the person causing such damage. CLEC shall be subrogated to the right of recovery by AT&T-13STATE for the damages to the extent of such payment.

16.7 Notwithstanding any other provision in this Agreement, each Party agrees that should it cause any non-standard digital subscriber line ("xDSL") technologies (as that term is defined in the applicable Appendix DSL and/or the applicable commission-ordered tariff, as appropriate) to be deployed or used in connection with or on AT&T-13STATE facilities, that Party ("Indemnifying Party") will pay all costs associated with any damage, service interruption or other Telecommunications Service degradation, or damage to the other Party's ("Indemnitee's") facilities.

16.8 Indemnification Procedures

16.8.1 Whenever a claim shall arise for indemnification under this Section 16, the relevant Indemnified Party, as appropriate, shall promptly notify the Indemnifying Party and request in writing the Indemnifying Party to defend the same. Failure to so notify the Indemnifying Party shall not relieve the Indemnifying Party of any liability that the Indemnifying Party might have, except to the extent that such failure prejudices the Indemnifying Party's ability to defend such claim.

- 16.8.2 The Indemnifying Party shall have the right to defend against such liability or assertion, in which event the Indemnifying Party shall give written notice to the Indemnified Party of acceptance of the defense of such claim and the identity of counsel selected by the Indemnifying Party.
- 16.8.3 Until such time as Indemnifying Party provides written notice of acceptance of the defense of such claim, the Indemnified Party shall defend such claim, at the expense of the Indemnifying Party, subject to any right of the Indemnifying Party to seek reimbursement for the costs of such defense in the event that it is determined that Indemnifying Party had no obligation to indemnify the Indemnified Party for such claim.
- 16.8.4 Upon accepting the defense, the Indemnifying Party shall have exclusive right to control and conduct the defense and settlement of any such claims, subject to consultation with the Indemnified Party. So long as the Indemnifying Party is controlling and conducting the defense, the Indemnifying Party shall not be liable for any settlement by the Indemnified Party unless such Indemnifying Party has approved such settlement in advance and agrees to be bound by the agreement incorporating such settlement.
- 16.8.5 At any time, an Indemnified Party shall have the right to refuse a compromise or settlement, and, at such refusing Party's cost, to take over such defense; provided that, in such event the Indemnifying Party shall not be responsible for, nor shall it be obligated to indemnify the refusing Party against, any cost or liability in excess of such refused compromise or settlement.
- 16.8.6 With respect to any defense accepted by the Indemnifying Party, the Indemnified Party will be entitled to participate with the Indemnifying Party in such defense if the claim requests equitable relief or other relief that could affect the rights of the Indemnified Party, and shall also be entitled to employ separate counsel for such defense at such Indemnified Party's expense.
- 16.8.7 If the Indemnifying Party does not accept the defense of any indemnified claim as provided above, the Indemnified Party shall have the right to employ counsel for such defense at the expense of the Indemnifying Party.
- 16.8.8 In the event of a failure to assume the defense, the Indemnified Party may negotiate a settlement, which shall be presented to the Indemnifying Party. If the Indemnifying Party refuses to agree to the presented settlement, the Indemnifying Party may take over the defense. If the Indemnifying Party refuses to agree to the presented settlement and refuses to take over the defense, the Indemnifying Party shall be liable for any reasonable cash settlement not involving any admission of liability by the Indemnifying Party, though such settlement may have been made by the Indemnified Party without approval of the Indemnifying Party, it being the Parties' intent that no settlement involving a non-monetary concession by the Indemnifying Party, including an admission of liability by such Party, shall take effect without the written approval of the Indemnifying Party.
- 16.8.9 Each Party agrees to cooperate and to cause its employees and agents to cooperate with the other Party in the defense of any such claim and the relevant records of each Party shall be available to the other Party with respect to any such defense, subject to the restrictions and limitations set forth in Section 22.

17. PERFORMANCE MEASURES

- 17.1 Attachment Performance Measures provides monetary payments for failure to meet specified performance standards. The provisions of that Attachment constitute the sole obligation of AT&T-13STATE to pay damages or financial penalties for failure to meet specified performance standards identified in such Attachment and all other Attachments to this Agreement.

18. INTELLECTUAL PROPERTY

- 18.1 Any Intellectual Property originating from or developed by a Party shall remain in the exclusive ownership of that Party.

19. NOTICES

- 19.1 Subject to Section 19.2, notices given by one Party to the other Party under this Agreement shall be in writing (unless specifically provided otherwise herein), and unless otherwise expressly required by this Agreement to be delivered to another representative or point of contact, shall be
- 19.1.1 delivered personally;
 - 19.1.2 delivered by express overnight delivery service;
 - 19.1.3 mailed, via certified mail or first class U.S. Postal Service, with postage prepaid, and a return receipt requested; or
 - 19.1.4 delivered by facsimile; provided that a paper copy is also sent by a method described in sections 19.1.1, 19.1.2, or 19.1.3.
 - 19.1.5 Notices will be deemed given as of the earliest of:
 - 19.1.5.1 the date of actual receipt,
 - 19.1.5.2 the next Business Day when sent via express overnight delivery service,
 - 19.1.5.3 five (5) calendar days after mailing in the case of first class or certified U.S. Postal Service, or
 - 19.1.5.4 on the date set forth on the confirmation produced by the sending facsimile machine when delivered by facsimile prior to 5:00 p.m. in the recipient's time zone, but the next Business Day when delivered by facsimile at 5:00 p.m. or later in the recipient's time zone. - 19.1.6 Notices will be addressed to the Parties as follows:

NOTICE CONTACT	CLEC CONTACT	<u>AT&T-13STATE</u> CONTACT
NAME/TITLE	Kade Ross	Contract Management ATTN: Notices Manager
STREET ADDRESS	4001 Weston Parkway Suite 100	311 S. Akard, 9 th Floor Four AT&T Plaza
CITY, STATE, ZIP CODE	Cary, NC 27513	Dallas, TX 75202-5398
FACSIMILE NUMBER	(919) 297-1101	(214) 464-2006

- 19.1.7 Either Party may unilaterally change its designated contact, address, telephone number and/or facsimile number for the receipt of notices by giving written notice to the other Party in compliance with this Section. Any notice to change the designated contact, address, telephone and/or facsimile number for the receipt of notices shall be deemed effective ten (10) calendar days following receipt by the other Party.
- 19.2 **AT&T-13STATE** communicates official information to CLECs via its Accessible Letter notification process. This process covers a variety of subjects, including updates on products/services promotions; deployment of new products/services; modifications and price changes to existing products/services; cancellation or retirement of existing products/services; and operational issues. Changes to this process will be developed through the CLEC User Forum process and will be implemented only with the concurrence of the CLEC User Forum Global Issues group.
- 19.3 In the **AT&T-13STATE**'s Accessible Letter notification will be via electronic mail ("e-mail") distribution. Accessible Letter notification via e-mail will be deemed given as of the date set forth on the e-mail message.
- 19.4 In **AT&T-13STATE** CLEC may designate up to a maximum of ten (10) recipients for Accessible Letter notification via e-mail.

19.5 AT&T SOUTHWEST REGION 5-STATE only:

19.5.1 AT&T SOUTHWEST REGION 5-STATE shall provide a toll free facsimile number to CLEC for the submission of requests for Resale Services and Lawful Unbundled Network Elements under this Agreement; CLEC shall provide AT&T SOUTHWEST REGION 5-STATE with a toll free facsimile number for notices from AT&T SOUTHWEST REGION 5-STATE relating to requests for Resale Services and Lawful Unbundled Network Elements under this Agreement.

20. PUBLICITY AND USE OF TRADEMARKS OR SERVICE MARKS

- 20.1 Neither Party nor its subcontractors or agents shall use in any advertising or sales promotion, press releases, or other publicity matters any endorsements, direct or indirect quotes, or pictures that imply endorsement by the other Party or any of its employees without such first Party's prior written approval. The Parties will submit to each other for written approval, prior to publication, all publicity matters that mention or display one another's name and/or marks or contain language from which a connection to said name and/or marks may be inferred or implied; the Party to whom a request is directed shall respond promptly. Nothing herein, however, shall be construed as preventing either Party from publicly stating the fact that it has executed this Agreement with the other Party.
- 20.2 Nothing in this Agreement shall grant, suggest, or imply any authority for one Party to use the name, trademarks, service marks, logos, proprietary trade dress or trade names of the other Party in any advertising, press releases, publicity matters, marketing and/or promotional materials or for any other commercial purpose without prior written approval from such other Party.

21. NO LICENSE

- 21.1 Except at otherwise expressly provided in this Agreement, no license under patents, copyrights or any other Intellectual Property right (other than the limited license to use consistent with the terms, conditions and restrictions of this Agreement) is granted by either Party or shall be implied or arise by estoppel with respect to any transactions contemplated under this Agreement.

22. CONFIDENTIALITY

- 22.1 Each Party anticipates and recognizes that it will come into possession of technical or business information or data about the other Party and/or its customers (including without limitation its end user customers) as a result of this Agreement which will be considered confidential by such other Party. The Parties agree (1) to treat all such information and data as strictly confidential; and (2) to use such information only for purposes of performance under this Agreement. Each Party agrees not to disclose confidential information and/or data of or pertaining to the other Party or its customers (including without limitation its end user customers) to any third party without first securing the written consent of such Party. The foregoing shall not apply to information which is in the public domain. Nothing in this Agreement prevents either Party from disclosing operations results or other data that might reflect the results of this Agreement as a part of that Party's aggregate operating data as long as the disclosed data is at a level of aggregation sufficient to avoid disclosing with specificity information obtained in the operation of this Agreement.
- 22.2 If a court or governmental agency orders or a third-party requests a Party to disclose or to provide any data or information covered by this section, that Party will immediately inform the other Party of the order or request before such data or information is provided and will inform the other Party both by telephone and certified mail. Notification and consent requirements described above are not applicable in cases where a court order requires the production of billing and/or usage records of or pertaining to an individual customer (including without limitation an end user customer).
- 22.3 This section will not preclude the disclosure by a Party of information or data subject to this Section to consultants, agents, or attorneys representing that Party, or the Office of the Public Counsel for a State, or appropriate State Commissions or staffs, or FCC Staff, provided that such representatives are informed of the confidential nature of the information and/or date prior to disclosure and are bound by

confidentiality requirements that are at least as restrictive as applicable to the Parties to this Agreement.

- 22.4 The provisions of this section shall survive the expiration and/or termination of this Agreement, unless agreed to in writing by the Parties.

23. INTERVENING LAW

- 23.1 This Agreement is the result of negotiations between the Parties and may incorporate certain provisions that resulted from arbitration by the appropriate state Commission(s). In entering into this Agreement and any Amendments to such Agreement and carrying out the provisions herein, neither Party waives, but instead expressly reserves, all of its rights, remedies and arguments with respect to any orders, decisions, legislation or proceedings and any remands thereof and any other federal or state regulatory, legislative or judicial action(s) which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further review. If any action by any state or federal regulatory or legislative body or court of competent jurisdiction invalidates, modifies, or stays the enforcement of laws or regulations that were the basis or rationale for any rate(s), term(s) and/or condition(s) ("Provisions") of the Agreement and/or otherwise affects the rights or obligations of either Party that are addressed by this Agreement, the affected Provision(s) shall be immediately invalidated, modified or stayed consistent with the action of the regulatory or legislative body or court of competent jurisdiction upon the written request of either Party ("Written Notice"). With respect to any Written Notices hereunder, the Parties shall have sixty (60) days from the Written Notice to attempt to reach agreement on appropriate conforming modifications to the Agreement. If the Parties are unable to agree upon the conforming modifications within sixty (60) days from the Written Notice, any disputes between the Parties concerning such actions shall be resolved pursuant to the dispute resolution process provided for in this Agreement.

24. GOVERNING LAW

- 24.1 Unless otherwise provided by Applicable Law, this Agreement shall be governed by and construed in accordance with the Act, the FCC Rules and Regulations interpreting the Act and other applicable federal law. To the extent that federal law would apply state law in interpreting this Agreement, the domestic laws of the state in which the Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services at issue are furnished or sought shall apply, without regard to that state's conflict of laws principles. The Parties submit to personal jurisdiction in Little Rock, Arkansas; San Francisco, California; New Haven, Connecticut; Chicago, Illinois; Indianapolis, Indiana; Topeka, Kansas; Detroit, Michigan; St. Louis, Missouri; Reno, Nevada; Columbus, Ohio; Oklahoma City, Oklahoma, Dallas, Texas and Milwaukee, Wisconsin, and waive any and all objection to any such venue.

25. REGULATORY APPROVAL

- 25.1 The Parties understand and agree that this Agreement and any amendment or modification hereto will be filed with the Commission for approval in accordance with Section 252 of the Act and may thereafter be filed with the FCC. The Parties believe in good faith and agree that the services to be provided under this Agreement are in the public interest. Each Party covenants and agrees to fully support approval of this Agreement by the Commission or the FCC under Section 252 of the Act without modification.

26. CHANGES IN END USER LOCAL EXCHANGE SERVICE PROVIDER SELECTION

- 26.1 Applies to AT&T-12STATE only

- 26.1.1 Each Party will abide by applicable federal and state laws and regulations in obtaining End User authorization prior to changing an End User's Local Exchange Carrier to itself and in assuming responsibility for any applicable charges as specified in the FCC's rules regarding Subscriber Carrier Selection Changes (47 CFR 64.1100 through 64.1170) and any applicable state

regulation. Each Party shall deliver to the other Party a representation of authorization that applies to all orders submitted by a Party under this Agreement requiring a LEC change. A Party's representation of authorization shall be delivered to the other Party prior to the first order submitted to the other Party. Each Party shall retain on file all applicable letters and other documentation of authorization relating to its End User's selection of such Party as its LEC, which documentation shall be available for inspection by the other Party at its request during normal business hours and at no charge.

- 26.1.2 Only an End User can initiate a challenge to a change in its LEC. If an End User notifies one Party that the End User requests local exchange service, and the other Party is such End User's LEC, then the Party receiving such request shall be free to immediately access such End User's CPNI subject to the requirements of the applicable Appendix OSS restricting access to CPNI in order to immediately provide service to such End User.
- 26.1.3 When an End User changes or withdraws authorization from its LEC, each Party shall release End User-specific facilities belonging to the ILEC in accordance with the End User's direction or that of the End User's authorized agent. Further, when an End User abandons its premise (that is, its place of business or domicile), AT&T-12STATE is free to reclaim the Lawful UNE facilities for use by another End User and is free to issue service orders required to reclaim such facilities.
- 26.1.4 Neither Party shall be obligated by this Agreement to investigate any allegations of unauthorized changes in local exchange service (slamming) at the request of the other Party; provided, however, that each Party shall cooperate with any investigation of a complaint alleging an unauthorized change in local exchange service at the request of the FCC or the applicable state Commission.

26.2 Applies to AT&T CONNECTICUT only

- 26.2.1 The Parties agree that CLEC will not submit a Local Exchange Carrier order for an End User to the Local Service Provider currently serving that End User without proper authorization from that End User, as required by the FCC in Subpart K, Part 64 rules and regulations and by the DPUC in its applicable rules and regulations. AT&T CONNECTICUT's wholesale tariff, further documents requirements for Local Exchange Carrier changes and required End User authorizations.
- 26.2.2 The Parties agree to the re-use of existing network facilities when an End User changes its provider of local exchange service and the network facilities are provided by the same network provider.

27. COMPLIANCE AND CERTIFICATION

- 27.1 Each Party shall comply at its own expense with all Applicable Laws that relate to that Party's obligations to the other Party under this Agreement. Nothing in this Agreement shall be construed as requiring or permitting either Party to contravene any mandatory requirement of Applicable Law.
- 27.2 Each Party warrants that it has obtained all necessary state certification required in each state covered by this Agreement prior to ordering any Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services from the other Party pursuant to this Agreement. Upon request, each Party shall provide proof of certification.
- 27.3 Each Party shall be responsible for obtaining and keeping in effect all approvals from, and rights granted by, Governmental Authorities, building and property owners, other carriers, and any other Third Parties that may be required in connection with the performance of its obligations under this Agreement.
- 27.4 Each Party represents and warrants that any equipment, facilities or services provided to the other Party under this Agreement comply with the CALEA.

28. LAW ENFORCEMENT

- 28.1 **AT&T-12STATE** and CLEC shall reasonably cooperate with the other Party in handling law enforcement requests as follows:

28.1.1 Intercept Devices:

28.1.1.1 Local and federal law enforcement agencies periodically request information or assistance from local telephone service providers. When either Party receives a request associated with an End User of the other Party, it shall refer such request to the Party that serves such End User, unless the request directs the receiving Party to attach a pen register, trap-and-trace or form of intercept on the Party's facilities, in which case that Party shall comply with any valid request.

28.1.2 Subpoenas:

28.1.2.1 If a Party receives a subpoena for information concerning an End User the Party knows to be an End User of the other Party, it shall refer the subpoena to the Requesting Party with an indication that the other Party is the responsible company, unless the subpoena requests records for a period of time during which the receiving Party was the End User's service provider, in which case that Party will respond to any valid request.

28.1.3 Emergencies:

28.1.3.1 If a Party receives a request from a law enforcement agency for a temporary number change, temporary disconnect, or one-way denial of outbound calls by the receiving Party's switch for an End User of the other Party, that Receiving Party will comply with a valid emergency request. However, neither Party shall be held liable for any claims or Losses arising from compliance with such requests on behalf of the other Party's End User and the Party serving such End User agrees to indemnify and hold the other Party harmless against any and all such claims or Losses.

- 28.2 **AT&T CONNECTICUT** and CLEC shall reasonably cooperate with the other Party in handling law enforcement requests as follows:

28.2.1 Each of the Parties agree to comply with the applicable state and federal law enforcement authorities, laws, and requirements, including but not limited to, the Communications Assistance for Law Enforcement Act (CALEA) and to report to applicable State and Federal law enforcement authorities as required by law, the Telecommunications Services and related information provided by each of the Parties in Connecticut.

29. RELATIONSHIP OF THE PARTIES/INDEPENDENT CONTRACTOR

- 29.1 Each Party is an independent contractor, and has and hereby retains the right to exercise full control of and supervision over its own performance of its obligations under this Agreement and retains full control over the employment, direction, compensation and discharge of its employees assisting in the performance of such obligations. Each Party and each Party's contractor(s) shall be solely responsible for all matters relating to payment of such employees, including the withholding or payment of all applicable federal, state and local income taxes, social security taxes and other payroll taxes with respect to its employees, as well as any taxes, contributions or other obligations imposed by applicable state unemployment or workers' compensation acts and all other regulations governing such matters. Each Party has sole authority and responsibility to hire, fire and otherwise control its employees.

- 29.2 Nothing contained herein shall constitute the Parties as joint venturers, partners, employees or agents of one another, and neither Party shall have the right or power to bind or obligate the other. Nothing herein will be construed as making either Party responsible or liable for the obligations and undertakings of the other Party. Except for provisions herein expressly authorizing a Party to act for another, nothing in this Agreement shall constitute a Party as a legal representative or agent of the other Party, nor shall a Party have the right or authority to assume, create or incur any liability or any

obligation of any kind, express or implied, against or in the name or on behalf of the other Party unless otherwise expressly permitted by such other Party. Except as otherwise expressly provided in this Agreement, no Party undertakes to perform any obligation of the other Party, whether regulatory or contractual, or to assume any responsibility for the management of the other Party's business.

30. NO THIRD PARTY BENEFICIARIES; DISCLAIMER OF AGENCY

- 30.1 This Agreement is for the sole benefit of the Parties and their permitted assigns, and nothing herein expressed or implied shall create or be construed to create any Third Party beneficiary rights hereunder. This Agreement shall not provide any Person not a party hereto with any remedy, claim, liability, reimbursement, cause of action, or other right in excess of those existing without reference hereto.

31. SUBCONTRACTING

- 31.1 If either Party retains or engages any subcontractor to perform any of that Party's obligations under this Agreement, each Party will remain fully responsible for the performance of this Agreement in accordance with its terms, including any obligations either Party performs through subcontractors.
- 31.2 Each Party will be solely responsible for payments due that Party's subcontractors.
- 31.3 No subcontractor will be deemed a Third Party beneficiary for any purposes under this Agreement.
- 31.4 No contract, subcontract or other agreement entered into by either Party with any Third Party in connection with the provision of Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services hereunder will provide for any indemnity, guarantee or assumption of liability by the other Party to this Agreement with respect to such arrangement, except as consented to in writing by the other Party.
- 31.5 Any subcontractor that gains access to Customer Proprietary Network Information ("CPNI") or Proprietary Information covered by this Agreement shall be required by the subcontracting Party to protect such CPNI or Proprietary Information to the same extent the subcontracting Party is required to protect such CPNI or Proprietary Information under the terms of this Agreement.

32. RESPONSIBILITY FOR ENVIRONMENTAL CONTAMINATION

- 32.1 Each Party shall be solely responsible at its own expense for the proper handling, use, removal, excavation, storage, treatment, transport, disposal, or any other management by such Party or any person acting on its behalf of all Hazardous Substances and Environmental Hazards introduced to the affected work location and will perform such activities in accordance with Applicable Law.
- 32.2 Notwithstanding anything to the contrary in this Agreement and to the fullest extent permitted by Applicable Law, AT&T-13STATE shall, at CLEC's request, indemnify, defend, and hold harmless CLEC, each of its officers, directors and employees from and against any losses, damages, costs, fines, penalties and expenses (including reasonable attorneys and consultant's fees) of every kind and nature to the extent they are incurred by any of those parties in connection with a claim, demand, suit, or proceeding for damages, penalties, contribution, injunction, or any other kind of relief that is based upon, arises out of, is caused by, or results from: (i) the removal or disposal from the work location of a Hazardous Substance by AT&T-13STATE or any person acting on behalf of AT&T-13STATE, or the subsequent storage, processing, or other handling of such Hazardous Substances after they have been removed from the work location, (ii) the Release of a Hazardous Substance, regardless of its source, by AT&T-13STATE or any person acting on behalf of AT&T-13STATE, or (iii) the presence at the work location of an Environmental Hazard for which AT&T-13STATE is responsible under Applicable Law or a Hazardous Substance introduced into the work location by AT&T-13STATE or any person acting on behalf of AT&T-13STATE.
- 32.3 Notwithstanding anything to the contrary in this Agreement and to the fullest extent permitted by Applicable Law, CLEC shall, at AT&T-13STATE's request, indemnify, defend, and hold harmless

AT&T-13STATE, each of its officers, directors and employees from and against any losses, damages, costs, fines, penalties and expenses (including reasonable attorney's and consultant's fees) of every kind and nature to the extent they are incurred by any of those parties in connection with a claim, demand, suit, or proceeding for damages, penalties, contribution, injunction, or any other kind of relief that is based upon, arises out of, is caused by, or results from: (i) the removal or disposal of a Hazardous Substance from the work location by CLEC or any person acting on behalf of CLEC, or the subsequent storage, processing, or other handling of such Hazardous Substances after they have been removed from the work location, (ii) the Release of a Hazardous Substance, regardless of its source, by CLEC or any person acting on behalf of CLEC, or (iii) the presence at the work location of an Environmental Hazard for which CLEC is responsible under Applicable Law or a Hazardous Substance introduced into the work location by CLEC or any person acting on behalf of CLEC.

- 32.4 For the purposes of this agreement, "Hazardous Substances" means (i) any material or substance that is defined or classified as a hazardous substance, hazardous waste, hazardous material, hazardous chemical, pollutant, or contaminant under any federal, state, or local environmental statute, rule, regulation, ordinance or other Applicable Law dealing with the protection of human health or the environment, (ii) petroleum, oil, gasoline, natural gas, fuel oil, motor oil, waste oil, diesel fuel, jet fuel, and other petroleum hydrocarbons, or (iii) asbestos and asbestos containing material in any form, and (iv) any soil, groundwater, air, or other media contaminated with any of the materials or substances described above.
- 32.5 For the purposes of this agreement, "Environmental Hazard" means (i) the presence of petroleum vapors or other gases in hazardous concentrations in a manhole or other confined space, or conditions reasonably likely to give rise to such concentrations, (ii) asbestos containing materials, or (iii) any potential hazard that would not be obvious to an individual entering the work location or detectable using work practices standard in the industry.
- 32.6 For the purposes of this agreement, "Release" means any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, disposal, or other movement into (i) the work location, or (ii) other environmental media, including but not limited to, the air, ground or surface water, or soil.

33. FORCE MAJEURE

- 33.1 No Party shall be responsible for delays or failures in performance of any part of this Agreement (other than an obligation to make money payments) resulting from acts or occurrences beyond the reasonable control of such Party, including acts of nature, acts of civil or military authority, any law, order, regulation, ordinance of any Governmental Authority, embargoes, epidemics, terrorist acts, riots, insurrections, fires, explosions, earthquakes, nuclear accidents, hurricanes, floods, work stoppages, equipment failures, cable cuts, power blackouts, volcanic action, other major environmental disturbances, unusually severe weather conditions, inability to secure products or services of other persons or transportation facilities or acts or omissions of transportation carriers (individually or collectively, a "Force Majeure Event") or any Delaying Event caused by the other Party or any other circumstances beyond the Party's reasonable control. If a Force Majeure Event shall occur, the Party affected shall give prompt notice to the other Party of such Force Majeure Event specifying the nature, date of inception and expected duration of such Force Majeure Event, whereupon such obligation or performance shall be suspended to the extent such Party is affected by such Force Majeure Event during the continuance thereof or be excused from such performance depending on the nature, severity and duration of such Force Majeure Event (and the other Party shall likewise be excused from performance of its obligations to the extent such Party's obligations relate to the performance so interfered with). The affected Party shall use its reasonable efforts to avoid or remove the cause of nonperformance and the Parties shall give like notice and proceed to perform with dispatch once the causes are removed or cease.

34. TAXES

- 34.1 Each Party purchasing Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services under this Agreement shall pay or otherwise be responsible for all federal, state, or local sales, use, excise, gross receipts, municipal fees, transfer, transaction or similar taxes, fees, or surcharges (hereinafter "Tax") imposed on, or with respect to, the Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services under this Agreement provided by or to such Party, except for (a) any Tax on either party's corporate existence, status, or income or (b) any corporate franchise Taxes. Whenever possible, Taxes shall be billed as a separate item on the invoice.
- 34.2 CLEC acknowledges and agrees that it is required to comply with Chapter 283 of the Texas Local Government Code, as it may be amended from time to time, and the reporting and compensation requirements of Subchapter R of the P.U.C. Substantive Rules – Chapter 26, Applicable to Telecommunications Service Providers, as they may be amended from time to time. With respect to municipal fees charged pursuant to Chapter 283, Tex. Loc. Gov't Code, CLEC agrees that it will directly report its access lines to the Texas Public Utility Commission, will remit the related payments to municipalities, and will otherwise comply with Chapter 283 and applicable P.U.C rules, as they may be amended from time to time.
- 34.3 With respect to any purchase of Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services under this Agreement if any Tax is required or permitted by Applicable Law to be collected from the purchasing Party by the providing Party, then: (i) the providing Party shall bill the purchasing Party for such Tax; (ii) the purchasing Party shall remit such Tax to the providing Party; and (iii) the providing Party shall remit such collected Tax to the applicable taxing authority. Failure to include Taxes on an invoice or to state a Tax separately shall not impair the obligation of the purchasing Party to pay any Tax. Nothing shall prevent the providing Party from paying any Tax to the appropriate taxing authority prior to the time: (i) it bills the purchasing Party for such Tax, or (ii) it collects the Tax from the purchasing Party. Notwithstanding anything in this Agreement to the contrary, the purchasing Party shall be liable for and the providing Party may collect Taxes which were assessed by or paid to an appropriate taxing authority within the statute of limitations period but not included on an invoice within four (4) years after the Tax otherwise was owed or due.
- 34.4 With respect to any purchase hereunder of Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services under this Agreement that are resold to a third party, if any Tax is imposed by Applicable Law on the End User in connection with any such purchase, then: (i) the purchasing Party shall be required to impose and/or collect such Tax from the End User; and (ii) the purchasing Party shall remit such Tax to the applicable taxing authority. The purchasing Party agrees to indemnify and hold harmless the providing Party for any costs incurred by the providing Party as a result of actions taken by the applicable taxing authority to collect the Tax from the providing Party due to the failure of the purchasing Party to pay or collect and remit such tax to such authority.
- 34.5 If the providing Party fails to bill or to collect any Tax as required herein, then, as between the providing Party and the purchasing Party: (i) the purchasing Party shall remain liable for such uncollected Tax; and (ii) the providing Party shall be liable for any penalty and interest assessed with respect to such uncollected Tax by such authority. However, if the purchasing Party fails to pay any Taxes properly billed, then, as between the providing Party and the purchasing Party, the purchasing Party will be solely responsible for payment of the Taxes, penalty and interest.
- 34.6 If the purchasing Party fails to impose and/or collect any Tax from End Users as required herein, then, as between the providing Party and the purchasing Party, the purchasing Party shall remain liable for such uncollected Tax and any interest and penalty assessed thereon with respect to the uncollected Tax by the applicable taxing authority. With respect to any Tax that the purchasing Party has agreed to pay or impose on and/or collect from End Users, the purchasing Party agrees to indemnify and hold harmless the providing Party for any costs incurred by the providing Party as a result of actions taken

by the applicable taxing authority to collect the Tax from the providing Party due to the failure of the purchasing Party to pay or collect and remit such Tax to such authority.

- 34.7 If either Party is audited by a taxing authority or other Governmental Authority, the other Party agrees to reasonably cooperate with the Party being audited in order to respond to any audit inquiries in a proper and timely manner so that the audit and/or any resulting controversy may be resolved expeditiously.
- 34.8 To the extent a sale is claimed to be for resale and thus subject to tax exemption, the purchasing Party shall furnish the providing Party a proper resale tax exemption certificate as authorized or required by statute or regulation of the jurisdiction providing said resale tax exemption. Failure to timely provide said resale tax exemption certificate will result in no exemption being available to the purchasing Party for any period prior to the date that the purchasing Party presents a valid certificate. If Applicable Law excludes or exempts a purchase of Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services under this Agreement from a Tax, but does not also provide an exemption procedure, then the providing Party will not collect such Tax if the purchasing Party (a) furnishes the providing Party with a letter signed by an officer of the purchasing Party claiming an exemption and identifying the Applicable Law that both allows such exemption and does not require an exemption certificate; and (b) supplies the providing Party with an indemnification agreement, reasonably acceptable to the providing Party, which holds the providing Party harmless from any tax, interest, penalties, loss, cost or expense with respect to forbearing to collect such Tax.
- 34.9 With respect to any Tax or Tax controversy covered by this Section 34, the purchasing Party is entitled to contest with the imposing jurisdiction, pursuant to Applicable Law and at its own expense, any Tax that it is ultimately obligated to pay or collect. The purchasing Party will ensure that no lien is attached to any asset of the providing Party as a result of any contest. The purchasing Party shall be entitled to the benefit of any refund or recovery of amounts that it had previously paid resulting from such a contest. Amounts previously paid by the providing Party shall be refunded to the providing Party. The providing Party will cooperate in any such contest.
- 34.10 All notices, affidavits, exemption certificates or other communications required or permitted to be given by either Party to the other under this Section 34 shall be sent in accordance with Section 19 hereof.

35. NON-WAIVER

- 35.1 Except as otherwise specified in this Agreement, no waiver of any provision of this Agreement and no consent to any default under this Agreement shall be effective unless the same is in writing and properly executed by or on behalf of the Party against whom such waiver or consent is claimed. Waiver by either Party of any default by the other Party shall not be deemed a waiver of any other default. Failure of either Party to insist on performance of any term or condition of this Agreement or to exercise any right or privilege hereunder shall not be construed as a continuing or future waiver of such term, condition, right or privilege. No course of dealing or failure of any Party to strictly enforce any term, right, or condition of this Agreement in any instance shall be construed as a general waiver or relinquishment of such term, right or condition.

36. NETWORK MAINTENANCE AND MANAGEMENT

- 36.1 The Parties will work cooperatively to implement this Agreement. The Parties will exchange appropriate information (for example, maintenance contact numbers, network information, information required to comply with law enforcement and other security agencies of the Government, escalation processes, etc.) to achieve this desired result.
- 36.2 Each Party will administer its network to ensure acceptable service levels to all users of its network services. Service levels are generally considered acceptable only when End Users are able to establish connections with little or no delay encountered in the network. Each Party will provide a 24-hour contact number for Network Traffic Management issues to the other's surveillance management center.

- 36.3 Each Party maintains the right to implement protective network traffic management controls, such as "cancel to", "call gapping" or 7-digit and 10-digit code gaps, to selectively cancel the completion of traffic over its network, including traffic destined for the other Party's network, when required to protect the public-switched network from congestion as a result of occurrences such as facility failures, switch congestion or failure or focused overload. Each Party shall immediately notify the other Party of any protective control action planned or executed.
- 36.4 Where the capability exists, originating or terminating traffic reroutes may be implemented by either Party to temporarily relieve network congestion due to facility failures or abnormal calling patterns. Reroutes shall not be used to circumvent normal trunk servicing. Expansive controls shall be used only when mutually agreed to by the Parties.
- 36.5 The Parties shall cooperate and share pre-planning information regarding cross-network call-ins expected to generate large or focused temporary increases in call volumes to prevent or mitigate the impact of these events on the public-switched network, including any disruption or loss of service to the other Party's End Users. Facsimile (FAX) numbers must be exchanged by the Parties to facilitate event notifications for planned mass calling events.
- 36.6 Neither Party shall use any Interconnection, Resale Service, Lawful Unbundled Network Element, function, facility, product or service provided under this Agreement or any other service related thereto or used in combination therewith in any manner that interferes with or impairs service over any facilities of AT&T-13STATE, its affiliated companies or other connecting telecommunications carriers, prevents any carrier from using its Telecommunications Service, impairs the quality or the privacy of Telecommunications Service to other carriers or to either Party's End Users, causes hazards to either Party's personnel or the public, damage to either Party's or any connecting carrier's facilities or equipment, including any malfunction of ordering or billing systems or equipment. Upon such occurrence either Party may discontinue or refuse service, but only for so long as the other Party is violating this provision. Upon any such violation, either Party shall provide the other Party notice of the violation at the earliest practicable time.

37. SIGNALING

- 37.1 AT&T-13STATE will provide SS7 signaling pursuant to applicable access tariff.

38. CUSTOMER INQUIRIES

- 38.1 Except as otherwise required by Section 26.1, each Party will refer all questions regarding the other Party's services or products directly to the other Party at a telephone number specified by that Party.
- 38.2 Except as otherwise required by Section 26.1, each Party will ensure that all of its representatives who receive inquiries regarding the other Party's services:
 - 38.2.1 Provide the number described in Section 42 to callers who inquire about the other Party's services or products; and
 - 38.2.2 Do not in any way disparage or discriminate against the other Party or its products or services.
- 38.3 Except as otherwise provided in this Agreement, CLEC shall be the primary point of contact for CLEC's End Users with respect to the services CLEC provides such End Users.
- 38.4 CLEC acknowledges that AT&T-13STATE may, upon End User request, provide services directly to such End User similar to those offered to CLEC under this Agreement.

39. EXPENSES

- 39.1 Except as expressly set forth in this Agreement, each Party will be solely responsible for its own expenses involved in all activities related to the matters covered by this Agreement.
- 39.2 AT&T-12STATE and CLEC shall each be responsible for one-half (1/2) of expenses payable to a Third Party for Commission fees or other charges (including regulatory fees, reproduction and delivery

expense and any costs of notice or publication, but not including attorney's fees) associated with the filing of this Agreement or any amendment to this Agreement. Prior to the filing of this Agreement in the State of Nevada, CLEC will submit a check in the amount of \$200.00, payable to **Public Utilities Commission of Nevada**, to cover its portion of the expenses incurred with filing this Agreement. Prior to the filing of each and every Amendment filed in connection with this Agreement in the State of Nevada, CLEC will submit a check in the amount of \$200.00, payable to **Public Utilities Commission of Nevada**, to cover its portion of the expenses incurred with filing of each amendment filed in connection with this Agreement. Upon receipt of CLEC's check, the Agreement will be processed for filing with the Commission.

40. CONFLICT OF INTEREST

- 40.1 The Parties represent that no employee or agent of either Party has been or will be employed, retained, paid a fee, or otherwise received or will receive any personal compensation or consideration from the other Party, or any of the other Party's employees or agents in connection with the negotiation of this Agreement or any associated documents.

41. SURVIVAL

- 41.1 The Parties' obligations under this Agreement which by their nature are intended to continue beyond the termination or expiration of this Agreement shall survive the termination or expiration of this Agreement. Without limiting the general applicability of the foregoing, the following terms and conditions of the General Terms and Conditions are specifically agreed by the Parties to continue beyond the termination or expiration of this Agreement: Section 7.5; Section 7.6, Section 9.3; Section 10.1; Section 10.4; Section 10.5; Section 10.6; Section 10.7; Section 10.8; Section 12, Section 13; Section 15; Section 16; Section 17; Section 18.1; Section 20; Section 21; Section 22; Section 24; Section 27.4; Section 28.1.3; Section 34; Section 35 and Section 43.

42. SCOPE OF AGREEMENT

- 42.1 This Agreement is intended to describe and enable specific Interconnection and compensation arrangements between the Parties. This Agreement is the arrangement under which the Parties may purchase from each other the products and services described in Section 251 of the Act and obtain approval of such arrangement under Section 252 of the Act. Except as agreed upon in writing, neither Party shall be required to provide the other Party a function, facility, product, service or arrangement described in the Act that is not expressly provided herein.
- 42.2 Except as specifically contained herein or provided by the FCC or any Commission within its lawful jurisdiction, nothing in this Agreement shall be deemed to affect any access charge arrangement.

43. AMENDMENTS AND MODIFICATIONS

- 43.1 Except as otherwise provided for in this Agreement, no provision of this Agreement shall be deemed amended or modified by either Party unless such an amendment or modification is in writing, dated, and signed by an authorized representative of both Parties. The rates, terms and conditions contained in the amendment shall become effective upon approval of such amendment by the appropriate Commissions; and such amendment will not require refunds, true-up or retroactive crediting or debiting prior to the approval of the Amendment. AT&T-12STATE and CLEC shall each be responsible for its share of the publication expense (i.e. filing fees, delivery and reproduction expense, and newspaper notification fees), to the extent publication is required for filing of an amendment by a specific state.
- 43.2 Neither Party shall be bound by any preprinted terms additional to or different from those in this Agreement that may appear subsequently in the other Party's form documents, purchase orders, quotations, acknowledgments, invoices or other communications.

44. APPENDICES INCORPORATED BY REFERENCE

44.1 ACCESS TO RIGHTS-OF-WAY - SECTION 251(b)(4)

44.1.1 AT&T-13STATE shall provide to CLEC access to Poles, Conduits and Rights of Ways pursuant to the applicable Appendix ROW, which is/are attached hereto and incorporated herein by reference.

44.2 COLLOCATION - SECTION 251(c)(6)

44.2.1 Collocation will be provided pursuant to the applicable Appendix Collocation, which is attached hereto and incorporated herein by reference.

44.3 DIALING PARITY - SECTION 251(b)(3)

44.3.1 The Parties shall provide Local Dialing Parity to each other as required under Section 251(b)(3) of the Act.

44.3.2 AT&T-12STATE shall provide IntraLATA Dialing Parity in accordance with Section 271(e)(2) of the Act.

44.4 INTERCONNECTION PURSUANT TO SECTION 251(c)(2)(A),(B),(C); 47 CFR § 51.305(a)(1)

44.4.1 AT&T-13STATE shall provide to CLEC Interconnection of the Parties' facilities and equipment for the transmission and routing of Telephone Exchange Service traffic and Exchange Access traffic pursuant to the applicable Appendix ITR, which is/are attached hereto and incorporated herein by reference. Methods for Interconnection and Physical Architecture shall be as defined in the applicable Appendix NIM, which is/are attached hereto and incorporated herein by reference.

44.5 NUMBER PORTABILITY - SECTIONS 251(b)(2)

44.5.1 The Parties shall provide to each other Permanent Number Portability (PNP) on a reciprocal basis as outlined in the applicable Appendix Number Portability, which is/are attached hereto and incorporated herein by reference.

44.6 OTHER SERVICES

44.6.1 911 and E911 Services

44.6.1.1 AT&T-13STATE will make nondiscriminatory access to 911 and E911 services available under the terms and conditions of the applicable Appendix 911, which is/are attached hereto and incorporated herein by reference.

44.6.1.2 The Parties agree that for "data only" providers the following rules concerning 911 requirements apply:

44.6.1.2.1 The Parties agree that CLEC will have to establish 911 trunking or interconnection to AT&T MIDWEST REGION 5-STATE's 911 Selective Routers, and therefore AT&T-13STATE shall not provide 911 services for those information service applications in which CLEC does not offer its end users the ability to place outgoing voice calls provided that; and

44.6.1.2.2 CLEC understands and agrees that, should it decide to provide voice service, it is required to meet all applicable Commission 911 service requirements; and

44.6.1.2.3 CLEC agrees to begin implementing access to 911 sufficiently in advance of the planned implementation of voice service to meet its 911 requirements. CLEC understands that the steps it must take to fulfill its 911 obligation include, but are not limited to, obtaining NXX(s) from NECA for the exchange area(s) CLEC plans to serve, submission of the appropriate form(s) to AT&T-13STATE, and, following AT&T-13STATE's processing of

such form(s), obtaining approval from the appropriate PSAP(s) for the CLEC's 911 service architecture. CLEC further understands that PSAP approval may include testing 911 trunks with appropriate PSAP(s). CLEC understands that, based on AT&T-13STATE's prior experience with CLEC implementation of 911, these steps require a minimum of sixty (60) days.

44.6.1.2.4 CLEC agrees to indemnify and hold AT&T-13STATE harmless from the consequences of CLEC's decision to not interconnect with AT&T-13STATE's 911 Selective Routers. The provisions of General Terms and Conditions Section 16 shall apply to such indemnification.

44.6.2 Directory Assistance (DA)

44.6.2.1 AT&T-13STATE will provide nondiscriminatory access to Directory Assistance services under the terms and conditions identified in the applicable Appendix DA, which is/are attached hereto and incorporated herein by reference.

44.6.3 Hosting

44.6.3.1 At CLEC's request, AT&T-10STATE shall perform hosting responsibilities for the provision of billable message data and/or access usage data received from CLEC for distribution to the appropriate billing and/or processing location or for delivery to CLEC of such data via AT&T-10STATE's internal network or the nationwide CMDS network pursuant to the applicable Appendix HOST, which is/are attached hereto and incorporated herein by reference.

44.6.4 Operator Services (OS)

44.6.4.1 AT&T-13STATE shall provide nondiscriminatory access to Operator Services under the terms and conditions identified in the applicable Appendix OS, which is/are attached hereto and incorporated herein by reference.

44.6.5 Publishing and Directory

43.6.5.1 AT&T-13STATE will make nondiscriminatory access to Publishing and Directory service available under the terms and conditions of the applicable Appendix White Pages, which is/are attached hereto and incorporated herein by reference.

44.6.6 Resale - Sections 251(b)(1)

43.6.6.1 AT&T-13STATE shall provide to CLEC Telecommunications Services for resale at wholesale rates pursuant to the applicable Appendix Resale, which is/are attached hereto and incorporated herein by reference.

44.6.7 Transmission and Routing of Switched Access Traffic Pursuant to 251(c)(2)

44.6.7.1 AT&T-13STATE shall provide to CLEC certain trunk groups (Meet Point Trunks) under certain parameters pursuant to the applicable Appendix ITR, which is/are attached hereto and incorporated herein by reference.

44.6.8 Transmission and Routing of Telephone Exchange Service Traffic Pursuant to Section 251(c)(2)(D); 252(d)(1) and (2); 47 CFR § 51.305(a)(5).

44.6.8.1 The applicable Appendix Compensation, which is/are attached hereto and incorporated herein by reference, prescribe traffic routing parameters for Local Interconnection Trunk Group(s) the Parties shall establish over the Interconnections specified in the applicable Appendix ITR, which is/are attached hereto and incorporated herein by reference.

44.6.9 Lawful Unbundled Network Elements - Sections 251(c)(3)

44.6.9.1 Pursuant to the applicable Appendix Lawful UNEs, which is/are attached hereto and incorporated herein by reference, AT&T-13STATE will provide CLEC access to Lawful

UNEs for the provision of Telecommunications Service as required by Sections 251 and 252 of the Act and in the Appendices hereto. CLEC agrees to provide access to its Network Elements to AT&T-13STATE under the same terms, conditions and prices contained herein and in the applicable Appendices hereto.

45. AUTHORITY

- 45.1 Each of the AT&T-owned ILEC(s) for which this Agreement is executed represents and warrants that it is a corporation or limited partnership duly organized, validly existing and in good standing under the laws of its state of incorporation or formation. Each of the AT&T-owned ILEC(s) for which this Agreement is executed represents and warrants that AT&T Operations, Inc. has full power and authority to execute and deliver this Agreement as agent for that AT&T-owned ILEC. Each of the AT&T-owned ILEC(s) for which this Agreement is executed represents and warrants that it has full power and authority to perform its obligations hereunder.
- 45.2 CLEC represents and warrants that it is a corporation duly organized, validly existing and in good standing under the laws of the State of Delaware and has full power and authority to execute and deliver this Agreement and to perform its obligations hereunder. CLEC represents and warrants that it has been or will be certified as a LEC by the Commission(s) prior to submitting any orders hereunder and is or will be authorized to provide the Telecommunications Services contemplated hereunder in the territory contemplated hereunder prior to submission of orders for such Service.
- 45.3 Each Person whose signature appears below represents and warrants that he or she has authority to bind the Party on whose behalf he or she has executed this Agreement.

46. COUNTERPARTS

- 46.1 This Agreement may be executed in counterparts. Each counterpart shall be considered an original and such counterparts shall together constitute one and the same instrument.

47. ENTIRE AGREEMENT

47.1 AT&T-12STATE

- 47.1.1 The terms contained in this Agreement and any Appendices, Attachments, Exhibits, Schedules, and Addenda constitute the entire agreement between the Parties with respect to the subject matter hereof, superseding all prior understandings, proposals and other communications, oral or written between the Parties during the negotiations of this Agreement and through the execution and/or Effective Date of this Agreement. This Agreement shall not operate as or constitute a novation of any agreement or contract between the Parties that predates the execution and/or Effective Date of this Agreement.

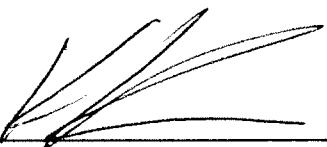
47.2 AT&T CONNECTICUT

- 47.2.1 The rates, terms and conditions contained in this Agreement and any Appendices, Attachments, Exhibits, Schedules, Addenda, Commission approved tariffs and other documents or instruments referred to herein and incorporated into this Agreement by reference constitute the entire agreement between the Parties with respect to the subject matter hereof, superseding all prior understandings, proposals and other communications, oral or written between the Parties predating the execution of this Agreement; provided, however, that none of the rates, terms or conditions of this Agreement shall be construed to apply in any manner to any period prior to the termination and/or expiration date of any agreement that this Agreement replaces. This Agreement shall not operate as or constitute a novation of any agreement or contract between the Parties that predates the execution and/or Effective Date of this Agreement.

Signatures

THIS AGREEMENT CONTAINS A BINDING ARBITRATION PROVISION WHICH MAY BE ENFORCED BY THE PARTIES.

Bandwidth.com CLEC, LLC

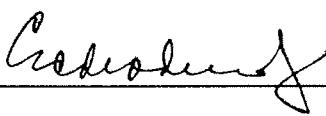
Signature: 

Name: KADE Ross
(Print or Type)

Title: COO
(Print or Type)

Date: 3/18/08

Southwestern Bell Telephone Company d/b/a AT&T Arkansas, Kansas, Missouri, Oklahoma, Texas, Pacific Bell Telephone Company d/b/a AT&T California, The Southern New England Telephone Company d/b/a AT&T Connecticut, Illinois Bell Telephone Company d/b/a AT&T Illinois, Indiana Bell Telephone Company Incorporated d/b/a AT&T Indiana, Michigan Bell Telephone Company d/b/a AT&T Michigan, Nevada Bell Telephone Company d/b/a AT&T Nevada, The Ohio Bell Telephone Company d/b/a AT&T Ohio, Wisconsin Bell, Inc. d/b/a AT&T Wisconsin by AT&T Operations, Inc., its authorized agent

Signature: 

Name: EDDIE A. REED JR
(Print or Type)

Title: Director – Interconnection Agreements

Date: 3.31.08

APPENDIX ITR

(Interconnection Trunking Requirements)

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APPENDIX ITR (Interconnection Trunking Requirements)

1. INTRODUCTION

- 1.1 This Appendix sets forth terms and conditions for Interconnection provided by the applicable AT&T Inc. (AT&T) owned Incumbent Local Exchange Carrier (ILEC) and Competitive Local Exchange Carrier (CLEC).
- 1.2 This Appendix provides descriptions of the trunking requirements between CLEC and AT&T-13STATE. Any references to incoming and outgoing trunk groups are from the perspective of CLEC. The paragraphs below describe the required and optional trunk groups for Section 251(b)(5) Traffic, ISP-Bound Traffic, IntraLATA Toll Traffic, InterLATA "Meet Point" Traffic, Mass Calling, E911, Operator Services and Directory Assistance traffic.
- 1.3 Local Only and Local Interconnection Trunk Groups may only be used to transport traffic between the Parties' End Users.
- 1.4 **AT&T Inc. (AT&T)** means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a AT&T Illinois, Indiana Bell Telephone Company Incorporated d/b/a AT&T Indiana, Michigan Bell Telephone Company d/b/a AT&T Michigan, Nevada Bell Telephone Company d/b/a AT&T Nevada, The Ohio Bell Telephone Company d/b/a AT&T Ohio, Pacific Bell Telephone Company d/b/a AT&T California, The Southern New England Telephone Company d/b/a AT&T Connecticut, Southwestern Bell Telephone Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin.
- 1.5 **AT&T-2STATE** - As used herein, AT&T-2STATE means AT&T CALIFORNIA and AT&T NEVADA, the applicable AT&T-owned ILEC(s) doing business in California and Nevada.
- 1.6 **AT&T-4STATE** - As used herein, AT&T-4STATE means Southwestern Bell Telephone Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, and AT&T Oklahoma the applicable AT&T-owned ILEC(s) doing business in Arkansas, Kansas, Missouri and Oklahoma.
- 1.7 **AT&T-7STATE** - As used herein, AT&T-7STATE means AT&T SOUTHWEST REGION 5-STATE, AT&T CALIFORNIA and AT&T NEVADA, the applicable AT&T-owned ILEC(s) doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma and Texas.
- 1.8 **AT&T-8STATE** - As used herein, AT&T-8STATE means AT&T SOUTHWEST REGION 5-STATE, AT&T CALIFORNIA, AT&T NEVADA and AT&T CONNECTICUT the applicable AT&T-owned ILEC(s) doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma and Texas.
- 1.9 **AT&T-10STATE** - As used herein, AT&T-10STATE means AT&T SOUTHWEST REGION 5-STATE and AT&T MIDWEST REGION 5-STATE an the applicable AT&T-owned ILEC(s) doing business in Arkansas, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Texas and Wisconsin.
- 1.10 **AT&T-12STATE** - As used herein, AT&T-12STATE means AT&T SOUTHWEST REGION 5-STATE, AT&T MIDWEST REGION 5-STATE and AT&T-2STATE the applicable AT&T-owned ILEC(s) doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin.
- 1.11 **AT&T-13STATE** - As used herein, AT&T-13STATE means AT&T SOUTHWEST REGION 5-STATE, AT&T MIDWEST REGION 5-STATE, AT&T-2STATE and AT&T CONNECTICUT the applicable AT&T-owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin.
- 1.12 **AT&T ARKANSAS** - As used herein, AT&T ARKANSAS means Southwestern Bell Telephone Company d/b/a AT&T Arkansas, the applicable AT&T-owned ILEC doing business in Arkansas.

- 1.13 **AT&T CALIFORNIA** - As used herein, **AT&T CALIFORNIA** means Pacific Bell Telephone Company d/b/a AT&T California, the applicable AT&T-owned ILEC doing business in California.
- 1.14 **AT&T CONNECTICUT** - As used herein, **AT&T CONNECTICUT** means The Southern New England Telephone Company, the applicable above listed ILEC doing business in Connecticut.
- 1.15 **AT&T KANSAS** - As used herein, **AT&T KANSAS** means Southwestern Bell Telephone Company d/b/a AT&T Kansas, the applicable AT&T-owned ILEC doing business in Kansas.
- 1.16 **AT&T ILLINOIS** - As used herein, **AT&T ILLINOIS** means Illinois Bell Telephone Company d/b/a AT&T Illinois, the applicable AT&T-owned ILEC doing business in Illinois.
- 1.17 **AT&T INDIANA** - As used herein, **AT&T INDIANA** means Indiana Bell Telephone Company Incorporated d/b/a AT&T Indiana, the applicable AT&T-owned ILEC doing business in Indiana.
- 1.18 **AT&T MICHIGAN** - As used herein, **AT&T MICHIGAN** means Michigan Bell Telephone Company d/b/a AT&T Michigan, the applicable AT&T-owned ILEC doing business in Michigan.
- 1.19 **AT&T MIDWEST REGION 5-STATE** - As used herein, **AT&T MIDWEST REGION 5-STATE** means Illinois Bell Telephone Company d/b/a AT&T Illinois, Indiana Bell Telephone Company Incorporated d/b/a AT&T Indiana, Michigan Bell Telephone Company d/b/a AT&T Michigan, The Ohio Bell Telephone Company d/b/a AT&T Ohio, and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin, the applicable AT&T-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio and Wisconsin.
- 1.20 **AT&T MISSOURI** - As used herein, **AT&T MISSOURI** means Southwestern Bell Telephone Company d/b/a AT&T Missouri, the applicable AT&T-owned ILEC doing business in Missouri.
- 1.21 **AT&T NEVADA** - As used herein, **AT&T NEVADA** means Nevada Bell Telephone Company d/b/a AT&T Nevada, the applicable AT&T-owned ILEC doing business in Nevada.
- 1.22 **AT&T OHIO** - As used herein, **AT&T OHIO** means The Ohio Bell Telephone Company d/b/a AT&T Ohio, the applicable AT&T-owned ILEC doing business in Ohio.
- 1.23 **AT&T OKLAHOMA** - As used herein, **AT&T OKLAHOMA** means Southwestern Bell Telephone Company d/b/a AT&T Oklahoma, the applicable AT&T-owned ILEC doing business in Oklahoma.
- 1.24 **AT&T SOUTHWEST REGION 5-STATE** - As used herein, **AT&T SOUTHWEST REGION 5-STATE** means Southwestern Bell Telephone Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas the applicable above listed ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma and Texas.
- 1.25 **AT&T TEXAS** - As used herein, **AT&T TEXAS** means Southwestern Bell Telephone Company d/b/a AT&T Texas, the applicable AT&T-owned ILEC doing business in Texas.
- 1.26 **AT&T WISCONSIN** - As used herein, **AT&T WISCONSIN** means Wisconsin Bell, Inc. d/b/a AT&T Wisconsin, the applicable AT&T-owned ILEC doing business in Wisconsin.

2. DEFINITIONS

- 2.1 "Access Tandem Switch" is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among End Office Switches for IXC (Inter-exchange Carrier) carried traffic and IntraLATA Toll Traffic in the **AT&T SOUTHWEST REGION 5-STATE** as well as switching Section 251(b)(5) Traffic and ISP-Bound Traffic in **AT&T-2STATE**, **AT&T MIDWEST REGION 5-STATE** and **AT&T CONNECTICUT**.
- 2.2 "End Office" or "End Office Switch" is a switching machine that directly terminates traffic to and receives traffic from end users purchasing local exchange services. A PBX is not considered an End Office Switch.
- 2.3 "IntraLATA Toll Traffic" or "IntraLATA Toll" is defined as traffic between one **AT&T-13STATE** local calling area and the local calling area of another **AT&T-13STATE** or LEC within one LATA within the respective state.

- 2.4 "IntraLATA Toll Trunk Group" is defined as a trunk group carrying IntraLATA Toll Traffic as defined above.
- 2.5 "ISP-Bound Traffic" is as defined in Attachment: Intercarrier Compensation.
- 2.6 "Local Interconnection Trunk Groups" are two-way trunk groups used to carry Section 251(b)(5)/IntraLATA Toll Traffic between CLEC End Users and AT&T-12STATE End Users. In AT&T CONNECTICUT these trunk groups will carry the same type of traffic, but they will be established and used as one-way.
- 2.7 "Local/IntraLATA Tandem Switch" is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among subtending End Office Switches for Section 251(b)(5)/IntraLATA Toll Traffic.
- 2.8 "Local Only Tandem Switch" is defined as a switching machine within the public switched telecommunications network that is used to connect and switch trunk circuits between and among other End Office Switches for Section 251(b)(5) and ISP-Bound Traffic.
- 2.9 "Local Only Trunk Groups" are two-way trunk groups used to carry Section 251(b)(5) and ISP-Bound Traffic only.
- 2.10 "Local Tandem" refers to any Local Only, Local/IntraLATA, Local/Access or Access Tandem Switch serving a particular local calling area.
- 2.11 "Meet Point Trunk Group" carries traffic between CLEC's End Users and Interexchange Carriers (IXCs) via AT&T-13STATE Access or Local/Access Tandem Switches.
- 2.12 "Offers Service" is defined as when CLEC opens an NPA-NXX, ports a number to serve an End User or pools a block of numbers to serve End Users.
- 2.13 "Section 251(b)(5) Traffic" is as defined in Attachment: Intercarrier Compensation.
- 2.14 "Section 251(b)(5)/IntraLATA Toll Traffic" shall mean for purposes of this Attachment, (i) Section 251(b)(5) Traffic, (ii) ISP-Bound Traffic, (iii) IntraLATA Toll traffic originating from an End User obtaining local dialtone from CLEC where CLEC is both the Section 251(b)(5) Traffic and IntraLATA Toll provider, and/or (iv) IntraLATA Toll traffic originating from an End User obtaining local dialtone from AT&T-13STATE where AT&T-13STATE is both the Section 251(b)(5) Traffic and IntraLATA Toll provider.

3. ONE-WAY AND TWO-WAY TRUNK GROUPS

- 3.1 CLEC shall issue Access Service Requests (ASRs) for two-way Local Only Trunk Groups, Local Interconnection Trunk Groups and Meet Point Trunk Groups. CLEC shall issue ASRs for one-way trunk groups originating at CLEC's switch. AT&T-13STATE shall issue ASRs for one-way trunk groups originating at the AT&T-13STATE switch.
- 3.2 Trunk groups for ancillary services (e.g. OS/DA, BLVI, High Volume Call In, and E911) and Meet Point Trunk Groups can be established between CLEC's switch and the appropriate AT&T-13STATE Tandem Switch as further provided in this Appendix ITR.
- 3.3 Two-way Local Interconnection Trunk Groups can be established between CLEC's switch and an AT&T-12STATE Local Tandem or End Office Switch. Two-way Local Only Trunk Groups can be established between CLEC's switch and an AT&T-12STATE Local Tandem. These trunk groups will utilize Signaling System 7 (SS7) or multi-frequency (MF) signaling protocol, with SS7 signaling preferred whenever possible.
- 3.4 Local Interconnection Trunk Groups in AT&T CONNECTICUT must be ordered and provisioned as one-way to accommodate billing and technical limitations.
- 3.5 The Parties recognize that embedded one-way trunks may exist for Section 251(b)(5)/IntraLATA Toll Traffic. The Parties may agree to negotiate a transition plan to migrate the embedded one-way Local Only and/or Local Interconnection Trunk Groups to two-way Local Only and/or two-way Local Interconnection Trunk Groups. The Parties will coordinate any such migration, trunk group prioritization, and

implementation schedule. AT&T-12STATE agrees to develop a cutover plan and project manage the cutovers with CLEC participation and agreement.

4. TANDEM TRUNKING AND DIRECT END OFFICE TRUNKING

- 4.1 AT&T-13STATE deploys in its network Local Only Tandem Switches (AT&T SOUTHWEST REGION 5-STATE and AT&T MIDWEST REGION 5-STATE), Local/IntraLATA Tandem Switches (AT&T SOUTHWEST REGION 5-STATE) Local/Access Tandem Switches and Access Tandem Switches. In addition AT&T-13STATE deploys Tandems that switch ancillary traffic such as E911 (E911 Tandem or E911 Selective Routing Tandem), Operator Services/ Directory Assistance (OS/DA Tandem), and Mass Calling (choke Tandem).
- 4.2 CLEC shall establish Local Only or Local Interconnection Trunk Groups to all Local Tandems in the LATA in which CLEC Offers Service in AT&T CONNECTICUT, AT&T MIDWEST REGION 5-STATE, and AT&T 2STATE. If CLEC Offers Service in a LATA in which there is no AT&T Local Tandem, CLEC shall establish Local Interconnection Trunk Groups to each AT&T-13STATE End Office Switch in that LATA in which it Offers Service. CLEC shall establish Local Only or Local Interconnection Trunk Groups to all Local Tandems in the local exchange area in which CLEC Offers Service in AT&T SOUTHWEST REGION 5-STATE. If there are no Local Tandems in the local exchange area in which CLEC Offers Service in the AT&T SOUTHWEST REGION 5-STATE, CLEC shall establish a Local Interconnection Trunk Group to each AT&T-13STATE End Office Switch in that local exchange area in which CLEC Offers Service. CLEC shall route appropriate traffic (i.e. only traffic to End Offices that subtend that Local Tandem) to the respective AT&T-13STATE Local Tandem on the trunk groups defined below. AT&T-13STATE shall route appropriate traffic to CLEC switches on the trunk groups defined below.
- 4.3 Direct End Office Trunk Group(s) (DEOTs) transport Section 251(b)(5)/IntraLATA Toll Traffic between CLEC's switch and an AT&T-13STATE End Office and are not switched at a Local Tandem location. CLEC shall establish a two-way Direct End Office Trunk Group (one-way in AT&T CONNECTICUT) when actual or projected End Office Section 251(b)(5)/IntraLATA Toll Traffic requires twenty-four (24) or more trunks. Once provisioned, traffic from CLEC to AT&T-13STATE must be redirected to route first to the DEOT with overflow traffic alternate routed to the appropriate AT&T-13STATE Local Tandem. If an AT&T-13STATE End Office does not subtend an AT&T-13STATE Local Tandem, a direct final Direct End Office Trunk Group will be established by CLEC, and there will be no overflow of Section 251(b)(5)/IntraLATA Toll Traffic.
- 4.4 All traffic received by AT&T-13STATE on the DEOT from CLEC must terminate in the End Office, i.e. no Tandem switching will be performed in the End Office. Where End Office functionality is provided in a Remote End Office Switch of a host/remote configuration, CLEC shall establish the DEOT at the host switch. The number of digits to be received by the AT&T-13STATE End Office shall be mutually agreed upon by the Parties. This trunk group shall be two-way (one-way in AT&T CONNECTICUT).
- 4.5 Trunk Configuration
 - 4.5.1 Trunk Configuration – AT&T SOUTHWEST REGION 5-STATE, AT&T MIDWEST REGION 5-STATE and AT&T CONNECTICUT
 - 4.5.1.1 Where available and upon the request of the other Party, each Party shall cooperate to ensure that its trunk groups are configured utilizing the Bipolar 8 Zero Substitution Extended Super Frame (B8ZS ESF) protocol for 64 kbps Clear Channel Capability (64CCC) transmission to allow for ISDN interoperability between the Parties' respective networks. Trunk groups configured for 64CCC and carrying Circuit Switched Data (CSD) ISDN calls shall carry the appropriate Trunk Type Modifier in the CLCI-Message code. Trunk groups configured for 64CCC and not used to carry CSD ISDN calls shall carry a different appropriate Trunk Type Modifier in the CLCI-Message code.
 - 4.5.1.2 Any AT&T-13STATE switch incapable of handling 64CCC traffic will require that Local Interconnection Trunk Groups be established at those switches using Alternate Mark Inversion (AMI).

4.5.2 Trunk Configuration – AT&T-2STATE

- 4.5.2.1 When Interconnecting at AT&T-2STATE's digital End Offices, the Parties have a preference for use of Bipolar 8 Zero Substitution Extended Super Frame (B8ZS ESF) two-way trunks for all traffic between their networks. Where available, such trunk equipment will be used for Local Interconnection Trunk Groups. Where AMI trunks are used, either Party may request upgrade to B8ZS ESF when such equipment is available.
- 4.5.2.2 When interconnecting at AT&T CALIFORNIA's DMS Access Tandem(s), 64CCC data and voice traffic may be combined on the same two-way Local Interconnection Trunk Group. 64 CCC data and voice traffic must be on separate two-way Local Interconnection Trunk Groups and not combined at AT&T CALIFORNIA's 4E Access Tandems.

5. TRUNK GROUPS

- 5.1 When CLEC Offers Service in a Local Exchange Area or LATA, the following trunk groups shall be used to exchange various types of traffic between CLEC End Users and AT&T-13STATE End Users.
- 5.2 Local Only and Local Interconnection Trunk Group(s) in each Local Exchange Area: AT&T SOUTHWEST REGION 5-STATE.
- 5.2.1 A two-way Local Only Trunk Group shall be established between CLEC's switch and each AT&T SOUTHWEST REGION 5-STATE Local Only Tandem Switch in the local exchange area. Inter-Tandem switching is not provided.
- 5.2.2 A two-way Local Interconnection Trunk Group shall be established between CLEC switch and each AT&T SOUTHWEST REGION 5-STATE Local/IntraLATA Tandem Switch and each Local/Access Tandem Switch in the local exchange area. Inter-Tandem switching is not provided.
- 5.2.3 AT&T SOUTHWEST REGION 5-STATE reserves the right to initiate a one-way IntraLATA Trunk Group to CLEC in order to provide Tandem relief when a community of interest is outside the local exchange area in which CLEC is interconnected.
- 5.2.4 Where traffic from CLEC switch to an AT&T SOUTHWEST REGION 5-STATE End Office is sufficient (24 or more trunks), a Local Interconnection Trunk Group shall also be established to the AT&T SOUTHWEST REGION 5-STATE End Office.
- 5.2.5 A Local Interconnection Trunk Group shall be established from CLEC switch to each AT&T SOUTHWEST REGION 5-STATE End Office in a local exchange area that has no Local Tandem. This trunk group shall be established as a direct final.
- 5.2.6 When AT&T SOUTHWEST REGION 5-STATE has a separate Local Only Tandem Switch(es) in the local exchange area, and a separate Access Tandem Switch that serves the same local exchange area, a two-way IntraLATA Toll Trunk Group shall be established to the AT&T SOUTHWEST REGION 5-STATE Access Tandem Switch. In addition a two-way Local Only Trunk Group(s) shall be established from CLEC's switch to each AT&T SOUTHWEST REGION 5-STATE Local Only Tandem Switch.
- 5.2.7 Each Party shall deliver to the other Party over the Local Only and/or Local Interconnection Trunk Group(s) only such traffic that originates and terminates in the same local exchange area.
- 5.3 Local Only and/or Local Interconnection Trunk Group(s) in Each LATA: AT&T MIDWEST REGION 5-STATE, AT&T CONNECTICUT, AT&T-2STATE
- 5.3.1 Tandem Trunking – AT&T-2STATE and AT&T MIDWEST REGION 5-STATE
- 5.3.1.1 In AT&T-2STATE and AT&T MIDWEST REGION 5-STATE:
- 5.3.1.1.1 Section 251(b)(5) and ISP Bound Traffic shall be routed on Local Only Trunk Groups established at all AT&T Local Only Tandems in the LATA for calls destined to or from all AT&T MIDWEST REGION 5-STATE End Offices that

subtend the designated tandem. These trunk groups shall be two-way and will utilize Signaling System (SS7) signaling.

- 5.3.1.1.2 Section 251(b)(5)/IntraLATA Toll Traffic shall be routed on Local Interconnection Trunk Groups established at all AT&T Local/IntraLATA, Local/Access, or Access Tandem Switch(es) (AT&T-2STATE only) in the LATA for calls destined to or from all AT&T-2STATE and AT&T MIDWEST REGION 5-STATE End Offices that subtend the designated tandems. These trunk groups shall be two-way and will utilize Signaling System (SS7) signaling.

5.3.2 Tandem Trunking – AT&T CONNECTICUT

- 5.3.2.1 In AT&T CONNECTICUT, Section 251(b)(5)/IntraLATA Toll Traffic shall be routed on Local Interconnection Trunk Groups established at all AT&T Local Tandems in the LATA for calls destined to or from all AT&T CONNECTICUT End Offices that subtend the designated tandem. These trunk groups shall be one-way and will utilize Signaling System 7 (SS7) signaling.

5.3.3 Direct End Office Trunking

- 5.3.3.1 The Parties shall establish Direct End Office Trunk Groups for the exchange of Section 251(b)(5)/IntraLATA Toll Traffic where actual or projected traffic demand is or will be twenty-four (24) or more trunks.

5.4 Meet Point Trunk Group: AT&T-13STATE

- 5.4.1 IXC carried traffic shall be transported between CLEC's switch and the AT&T-13STATE Access Tandem Switch or Local/Access Tandem Switch over a Meet Point Trunk Group separate from Section 251(b)(5)/IntraLATA Toll Traffic. The Meet Point Trunk Group will be established for the transmission and routing of exchange access traffic between CLEC's End Users and IXCs via a AT&T-13STATE Access Tandem Switch or Local/Access Tandem Switch.
- 5.4.2 Meet Point Trunk Groups shall be provisioned as two-way and will utilize SS7 signaling, except multifrequency ("MF") signaling will be used on a separate Meet Point Trunk Group to complete originating calls to switched access customers that use MF FGD signaling protocol.
- 5.4.3 When AT&T-13STATE has more than one Access or Local/Access Tandem Switch in a local exchange area or LATA, CLEC shall establish a Meet Point Trunk Group to every AT&T-13STATE Access or Local/Access Tandem Switch where CLEC has homed its NXX code(s).
- 5.4.4 AT&T-13STATE will not block switched access customer traffic delivered to any AT&T-13STATE Access Tandem Switch or Local/Access Tandem Switch for completion on CLEC's network. The Parties understand and agree that Meet Point trunking arrangements are available and functional only to/from switched access customers who directly connect with any AT&T-13STATE Access Tandem Switch or Local/Access Tandem Switch that CLEC's switch subtends in each LATA. In no event will AT&T-13STATE be required to route such traffic through more than one of its tandem switches for connection to/from switched access customers. AT&T-13STATE shall have no responsibility to ensure that any switched access customer will accept traffic that CLEC directs to the switched access customer.
- 5.4.5 CLEC shall provide all SS7 signaling information including, without limitation, charge number and originating line information ("OLI"). For terminating FGD, AT&T-13STATE will pass all SS7 signaling information including, without limitation, CPN if it receives CPN from FGD carriers. All privacy indicators will be honored. Where available, network signaling information such as transit network selection ("TNS") parameter, carrier identification codes ("CIC") (CCS platform) and CIC/OZZ information (non-SS7 environment) will be provided by CLEC wherever such information is needed for call routing or billing. The Parties will follow all OBF adopted standards pertaining to TNS and CIC/OZZ codes.

5.5 800/(8YY) Traffic: AT&T-13STATE

- 5.5.1 If CLEC chooses AT&T-13STATE to handle 800/(8YY) database queries from its switches, all CLEC originating 800/(8YY) traffic will be routed over the Meet Point Trunk Group. This traffic will include a combination of both Interexchange Carrier (IXC) 800/(8YY) service and CLEC 800/(8YY) service that will be identified and segregated by carrier through the database query handled through the AT&T-13STATE Access or Local/Access Tandem Switch.
- 5.5.2 All originating Toll Free Service 800/(8YY) calls for which CLEC requests that AT&T-13STATE perform the Service Switching Point ("SSP") function (e.g. perform the database query) shall be delivered using GR-394 format over the Meet Point Trunk Group. Carrier Code "0110" and Circuit Code (to be determined for each LATA) shall be used for all such calls.
- 5.5.3 CLEC may handle its own 800/(8YY) database queries from its switch. If so, CLEC will determine the nature (local/intraLATA/interLATA) of the 800/(8YY) call based on the response from the database. If the query determines that the call is a local or IntraLATA 800/(8YY) number, CLEC will route the post-query local or IntraLATA converted ten-digit local number to AT&T-13STATE over the Local Interconnection Trunk Group. In such case, CLEC is to provide an 800/(8YY) billing record when appropriate. If the query reveals the call is an InterLATA 800/(8YY) number, CLEC will route the post-query inter-LATA call (800/(8YY) number) directly from its switch for carriers interconnected with its network or over the Meet Point Trunk Group to carriers not directly connected to its network but are connected to AT&T-13STATE's Access or Local/Access Tandem Switch. Calls will be routed to AT&T-13STATE over the Local Only and/or Local Interconnection Trunk Groups or Meet Point Trunk Groups within the LATA in which the calls originate.
- 5.5.4 All post-query Toll Free Service 800/(8YY) calls for which CLEC performs the SSP function, if delivered to AT&T-13STATE, shall be delivered using GR-394 format over the Meet Point Trunk Group for calls destined to IXCs, or shall be delivered by CLEC using GR-317 format over the Local Only and/or Local Interconnection Trunk Group for calls destined to End Offices that directly subtend the tandem.

5.6 E911 Trunk Group

- 5.6.1 A dedicated trunk group for each NPA shall be established to each appropriate E911 switch within the local exchange area or LATA in which CLEC Offers Service. This trunk group shall be provisioned as one-way outgoing only and will utilize MF CAMA signaling or, where available, SS7 signaling. CLEC will have administrative control for the purpose of issuing ASRs on this trunk group. Where the parties utilize SS7 signaling and the E911 network has the technology available, only one E911 trunk group shall be established to handle multiple NPAs within the local exchange area or LATA. If the E911 network does not have the appropriate technology available, a SS7 trunk group shall be established for each NPA in the local exchange area or LATA. CLEC shall provide a minimum of two (2) one-way outgoing channels on E911 trunk groups per default PSAP or default ESN assignment dedicated for originating E911 emergency service calls from the Point of Interconnection (POI) to the AT&T-13STATE E911 Selective Router switch that serves a specified geographic rate area.
- 5.6.2 In AT&T CONNECTICUT only, CLEC will comply with the CT DPUC directives regarding the E911 trunk groups. The current directive requires CLEC to establish three separate dedicated trunk groups for each Connecticut NPA and default PSAP or default ESN assignment, from its switch to each of the Connecticut E911 Selective Routing tandems. For each NPA, one trunk group using SS7 signaling will go to the Primary E911 Selective Routing tandem. A second trunk group using SS7 will go to the Secondary E911 Selective routing tandem. The third trunk group will have MF CAMA signaling and will go to the Primary E911 Selective Routing tandem and serve as a backup. These trunk groups shall be provisioned by CLEC as one-way outgoing only. CLEC will have administrative control for the purpose of issuing ASRs.

- 5.6.3 CLEC will cooperate with AT&T-13STATE to promptly test all E911 trunks and facilities between CLEC's network and the AT&T-13STATE E911 Selective Routing Tandem to assure proper functioning of E911 service. CLEC will not turn up live traffic until successful testing is completed by both Parties.
- 5.7 High Volume Call In (HVCI) / Mass Calling (Choke) Trunk Group: AT&T-12STATE
- 5.7.1 A dedicated trunk group shall be required to the designated Public Response HVCI/Mass Calling Network Access Tandem in each serving area. This trunk group shall be one-way outgoing only and shall utilize MF signaling. As the HVCI/Mass Calling trunk group is designed to block all excessive attempts toward HVCI/Mass Calling NXXs, it is necessarily exempt from the one percent blocking standard described elsewhere for other final Local Interconnection Trunk Groups. CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group. The Parties will not exchange live traffic until successful testing is completed by both Parties.
- 5.7.2 This group shall be sized as follows:
- | <i>Number of Access Lines Served</i> | <i>Number of Mass Calling Trunks</i> |
|--------------------------------------|--------------------------------------|
| 0 – 10,000 | 2 |
| 10,001 – 20,000 | 3 |
| 20,001 – 30,000 | 4 |
| 30,001 – 40,000 | 5 |
| 40,001 – 50,000 | 6 |
| 50,001 – 60,000 | 7 |
| 60,001 – 75,000 | 8 |
| 75,000 + | <i>9 maximum</i> |
- 5.7.3 If CLEC should acquire a HVCI/Mass Calling customer, i.e. a radio station, CLEC shall notify AT&T-12STATE at least 60 days in advance of the need to establish a one-way outgoing SS7 or MF trunk group from the AT&T-12STATE HVCI/Mass Calling Serving Office to the CLEC customer's serving office. CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group.
- 5.7.4 If CLEC finds it necessary to issue a new choke telephone number to a new or existing HVCI/Mass Calling customer, CLEC may request a meeting to coordinate with AT&T-12STATE the assignment of HVCI/Mass Calling telephone number from the existing choke NXX. In the event that the CLEC establishes a new choke NXX, CLEC must notify AT&T-12STATE a minimum of ninety (90) days prior to deployment of the new HVCI/Mass Calling NXX. AT&T-12STATE will perform the necessary translations in its End Offices and Tandem(s) and issue ASRs to establish a one-way outgoing SS7 or MF trunk group from the AT&T-12STATE Public Response HVCI/Mass Calling Network Access Tandem to CLEC's choke serving office.
- 5.7.5 In AT&T CONNECTICUT, where HVCI/Mass Calling NXXs have not been established, the Parties agree to utilize "call gapping" as the method to control high volumes of calls, where technically feasible in the originating switch, to specific high volume customers or in situations such as those described in Section 35 Network Maintenance and Management of the General Terms and Conditions.
- 5.8 Operator Services/Directory Assistance Trunk Group(s)
- 5.8.1 Terms and Conditions for Inward Assistance Operator Services are found in Appendix INW.
- 5.8.2 If AT&T-13STATE agrees through a separate appendix or contract to provide Directory Assistance and/or Operator Services for CLEC the following trunk groups are required:

5.8.2.1 Directory Assistance (DA)

- 5.8.2.1.1 CLEC may contract for DA services only. A segregated trunk group for these services will be required to the appropriate AT&T-13STATE Operator Services Tandem in the LATA for the NPA the CLEC wishes to serve. This trunk group is provisioned as one-way outgoing only and utilizes Modified Operator Services Signaling (2 Digit Automatic Number Identification (ANI)). CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group.

5.8.2.2 Directory Assistance Call Completion (DACC)

- 5.8.2.2.1 CLEC contracting for DA services may also contract for DACC. This requires a segregated one-way trunk group to each AT&T-13STATE Operator Services Tandem within the LATA for the combined DA and DACC traffic. This trunk group is provisioned as one-way outgoing only and utilizes Modified Operator Services Signaling (2 Digit ANI). CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group.

5.8.2.3 Busy Line Verification/Emergency Interrupt (BLV/EI)

- 5.8.2.3.1 When AT&T-13STATE's operator is under contract to verify the busy status of CLEC End Users, AT&T-13STATE will utilize a segregated one-way with MF signaling trunk group from AT&T-13STATE's Operator Services Tandem to CLEC switch. CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group.

5.8.2.4 Operator Assistance (0+, 0-)

- 5.8.2.4.1 This service requires a one-way trunk group from CLEC switch to AT&T-13STATE's Operator Services Tandem. Two types of trunk groups may be utilized. If the trunk group transports DA/DACC, the trunk group will be designated with the appropriate traffic use code and modifier. If DA is not required or is transported on a segregated trunk group, then the group will be designated with a different appropriate traffic use code and modifier. Modified Operator Services Signaling (2 Digit ANI) will be required on the trunk group. CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group.

5.8.2.5 Digit-Exchange Access Operator Services Signaling

- 5.8.2.5.1 CLEC will employ Exchange Access Operator Services Signaling (EAOSS) from the equal access End Offices (EAEO) to the Operator Services switch that are equipped to accept 10 Digit Signaling for Automatic Number Identification (ANI).

5.8.2.6 OS Questionnaire

- 5.8.2.6.1 If CLEC chooses AT&T-13STATE to provide either OS and/or DA, then CLEC agrees to accurately complete the OS Questionnaire prior to submitting ASRs for OS and DA trunks.

6. TRUNK FORECASTING RESPONSIBILITIES: AT&T-13STATE

- 6.1 CLEC agrees to provide an initial forecast for all trunk groups described in this Appendix ITR. AT&T-13STATE shall review this trunk forecast and provide any additional information that may impact the trunk forecast information provided by CLEC. Subsequent trunk forecasts shall be provided on a semi-annual basis, not later than January 1 and July 1 in order to be considered in the semi-annual publication of the AT&T-13STATE General Trunk Forecast. Parties agree to the use of Common Language Location Identification (CLLI) coding and Common Language Circuit Identification for Message Trunk coding (CLCI-MSC) which is described in TELCORDIA TECHNOLOGIES documents BR795-100-100 and BR795-400-

100 respectively. Inquiries pertaining to use of TELCORDIA TECHNOLOGIES Common Language Standards and document availability should be directed to TELCORDIA TECHNOLOGIES at 1-800-521-2673.

- 6.2 The semi-annual forecasts shall include:
 - 6.2.1 Yearly forecasted trunk quantities for all trunk groups required in this Appendix for a minimum of three (current plus 2 future) years; and
 - 6.2.2 A description of major network projects anticipated for the following six months. Major network projects include trunking or network rearrangements, shifts in anticipated traffic patterns, orders greater than four (4) DS1s, or other activities that are reflected by a significant increase or decrease in trunking demand for the following forecasting period.
 - 6.2.3 The Parties shall agree on these forecasts to ensure efficient trunk utilization. For forecast quantities that are in dispute, the Parties shall make all reasonable efforts to develop a mutually agreeable forecast.
 - 6.2.4 Orders for trunks that exceed forecasted quantities for forecasted locations will be accommodated as mutually agreed to by the Parties. Parties shall make all reasonable efforts and cooperate in good faith to develop alternative solutions to accommodate these orders.
- 6.3 CLEC shall be responsible for forecasting two-way trunk groups. AT&T-13STATE shall be responsible for forecasting the one-way trunk groups terminating to CLEC and CLEC shall be responsible for forecasting the one-way trunk groups terminating to AT&T-13STATE, unless otherwise specified in this Appendix.
- 6.4 Each Party shall provide a specified point of contact for planning and forecasting purposes.

7. TRUNK DESIGN BLOCKING CRITERIA: AT&T-13STATE

- 7.1 Trunk requirements for forecasting and servicing shall be based on the blocking objectives shown in Table 1. Trunk requirements shall be based upon time consistent average busy season busy hour twenty (20) day averaged loads applied to industry standard Neal-Wilkinson Trunk Group Capacity algorithms (using Medium day-to-day Variation and 1.0 Peakedness factor until actual traffic data is available).

TABLE 1

Trunk Group Type	Design Blocking Objective
Local Interconnection Trunk Group - Direct End Office (Primary High)	ECCS*
Local Interconnection Trunk Group - Direct End Office (Final)	2%
IntraLATA Toll Trunk Group (Local/Access or Access Tandem Switch)	1%
Local Interconnection Trunk Group (Local Tandem)	1%
Meet Point (Local/Access or Access Tandem Switch)	0.5%
E911	1%
Operator Services (DA/DACC)	1%
Operator Services (0+, 0-)	1%
Busy Line Verification/Emergency Interrupt	1%

*During implementation the Parties will mutually agree on an Economic Centum Call Seconds (ECCS) or some other means for the sizing of this trunk group.

8. TRUNK SERVICING: AT&T-13STATE

- 8.1 Orders between the Parties to establish, add, change or disconnect trunks shall be processed by using an Access Service Request (ASR). CLEC will have administrative control for the purpose of issuing ASRs on two-way trunk groups. In AT&T CONNECTICUT where one-way trunks are provisioned, AT&T CONNECTICUT will issue ASRs for trunk groups for traffic that originates from AT&T CONNECTICUT and terminates to CLEC.

8.2 Both Parties will jointly manage the capacity of Local Only, Local Interconnection, and Meet Point Trunk Groups. Both Parties may send a Trunk Group Service Request (TGSR) to the other Party to trigger changes to the Local Only, Local Interconnection, and Meet Point Trunk Groups based on capacity assessment. The TGSR is a standard industry support interface developed by the Ordering and Billing Forum of the Carrier liaison Committee of the Alliance for Telecommunications Solutions (ATIS) organization. TELCORDIA TECHNOLOGIES Special Report STS000316 describes the format and use of the TGSR. Contact TELCORDIA TECHNOLOGIES at 1-800-521-2673 regarding the documentation availability and use of this form.

8.3 Utilization: Utilization shall be defined as Trunks Required as a percentage of Trunks In Service.

8.3.1 In A Blocking Situation (Over-utilization)

8.3.1.1 In a blocking situation, CLEC is responsible for issuing ASRs on all two-way Local Only, Local Interconnection and Meet Point Trunk Groups and one-way CLEC originating Local Only and/or Local Interconnection Trunk Groups to reduce measured blocking to design objective blocking levels based on analysis of trunk group data. If an ASR is not issued, AT&T-13STATE will issue a TSGR. CLEC will issue an ASR within three (3) business days after receipt and review of the TGSR. CLEC will note "Service Affecting" on the ASR.

8.3.1.2 In a blocking situation, AT&T-13STATE is responsible for issuing ASRs on one-way AT&T originating Local Only and/or Local Interconnection Trunk Groups to reduce measured blocking to design objective blocking levels based on analysis of trunk group data. If an ASR is not issued, CLEC will issue a TSGR. AT&T-13STATE will issue an ASR within three (3) business days after receipt and review of the TGSR.

8.3.1.3 If an alternate final Local Only Trunk Group or Local Interconnection Trunk Group is at seventy-five percent (75%) utilization, a TGSR is sent to CLEC for the final and all subtending high usages that are contributing any amount of overflow to the alternate final route.

8.3.1.4 If a direct final Meet Point Trunk Group is at seventy-five percent (75%) utilization, a TGSR shall be sent to CLEC.

8.3.2 Underutilization

8.3.2.1 Underutilization of Local Only Trunk Groups, Local Interconnection Trunk Groups and Meet Point Trunk Groups exists when provisioned capacity is greater than the current need. Those situations where more capacity exists than actual usage requires will be handled in the following manner:

8.3.2.1.1 If a Local Only Trunk Group, Local Interconnection Trunk Group or a Meet Point Trunk Group is under seventy-five percent (75%) of CCS capacity on a monthly average basis, for each month of any three (3) consecutive months period, either Party may request the issuance of an order to resize the Local Only Trunk Group, Local Interconnection Trunk Group or the Meet Point Trunk Group, which shall be left with not less than twenty-five percent (25%) excess capacity. In all cases, grade of service objectives shall be maintained.

8.3.2.1.2 Either party may send a TGSR to the other Party to trigger changes to the Local Only Trunk Groups, Local Interconnection Trunk Groups or Meet Point Trunk Groups based on capacity assessment. Upon receipt of a TGSR, the receiving Party will issue an ASR to the other Party within twenty (20) business days after receipt of the TGSR.

8.3.2.1.3 Upon review of the TGSR, if a Party does not agree with the resizing, the Parties will schedule a joint planning discussion within the twenty (20) business days. The Parties will meet to resolve and mutually agree to the disposition of the TGSR.

8.3.2.1.4 If AT&T-13STATE does not receive an ASR, or if CLEC does not respond to the TGSR by scheduling a joint discussion within the twenty (20) business day period, AT&T-13STATE will attempt to contact CLEC to schedule a joint planning discussion. If CLEC will not agree to meet within an additional five (5) business days and present adequate reason for keeping trunks operational, AT&T-13STATE reserves the right to issue ASRs to resize the Local Only Trunk Groups, Local Interconnection Trunk Groups, or Meet Point Trunk Groups.

8.3.3 Trunk Servicing – AT&T SOUTHWEST REGION 5-STATE Exceptions

8.3.3.1 The Parties will process trunk service requests submitted via a properly completed ASR within ten (10) business days of receipt of such ASR unless defined as a major project. Incoming orders will be screened by AT&T SOUTHWEST REGION 5-STATE trunk engineering personnel for reasonableness based upon current utilization and/or consistency with forecasts. If the nature and necessity of an order requires determination, the ASR will be placed in held status, and a Joint Planning discussion conducted. Parties agree to expedite this discussion in order to minimize delay in order processing. Extension of this review and discussion process beyond two days from ASR receipt will require the ordering Party to Supplement the order with proportionally adjusted Customer Desired Due Dates. Facilities must also be in place before trunk orders can be completed.

8.4 Projects require the coordination and execution of multiple orders or related activities between and among AT&T-13STATE and CLEC work groups, including but not limited to the initial establishment of Local Only, Local Interconnection or Meet Point Trunk Groups and service in an area, NXX code moves, re-homes, facility grooming, or network rearrangements.

8.4.1 Orders that comprise a project, i.e. greater than four (4) DS1s, shall be submitted at the same time, and their implementation shall be jointly planned and coordinated.

8.5 Projects-Tandem Rehomes/Switch Conversion/Major Network Projects

8.5.1 AT&T-13STATE will advise CLEC of all projects significantly affecting CLEC trunking. Such Projects may include Tandem Rehomes, Switch Conversions and other major network changes. An Accessible Letter with project details will be issued at least 6 months prior to the project due dates. AT&T-13STATE will follow with a Trunk Group Service Request (TGSR) approximately 4 to 6 months before the due date of the project. A separate TGSR will be issued for each CLEC trunk group and will specify the required CLEC ASR issue date. Failure to submit ASR(s) by the required date may result in AT&T-13STATE ceasing to deliver traffic until the ASR(s) are received and processed.

9. TRUNK DATA EXCHANGE: AT&T-13STATE

9.1 The Parties agree to exchange traffic data on two-way trunk groups and to implement such an exchange within three (3) months of the date that two-way trunking is established and the trunk groups begin passing live traffic, or another date is agreed to by the Parties.

9.2 Exchange of traffic data enables each Party to make accurate and independent assessments of trunk group service levels and requirements. The Parties may agree to establish a timeline for implementing an exchange of traffic data utilizing the DIXC process via a Network Data Mover (NDM) or FTP computer to computer file transfer process. Implementation shall be within three (3) months of the date, or such date as agreed upon, that the trunk groups begin passing live traffic. The traffic data to be exchanged will be the Originating Attempt Peg Count, Usage (measured in Hundred Call Seconds), Overflow Peg Count, and Maintenance Usage (measured in Hundred Call Seconds on a seven (7) day per week, twenty-four (24) hour per day, fifty-two (52) weeks per year basis). The Parties agree that twenty (20) business days is the study period duration objective. However, on occasion a study period may be less than twenty (20) business days but at minimum must be at least three (3) business days to be utilized for engineering

purposes, although with less statistical confidence. For AT&T originated one-way, or for any two-way trunk groups, these reports can be made available weekly upon request.

- 9.3 A trunk group utilization report (TIKI) is available upon request. The report is provided in an MS-Excel format.

10. NETWORK MANAGEMENT: AT&T-13STATE

10.1 Restrictive Controls

- 10.1.1 Either Party may use protective network traffic management controls such as 7-digit and 10-digit code gaps set at appropriate levels on traffic toward each other's network, when required, to protect the public switched network from congestion due to facility failures, switch congestion, or failure or focused overload. CLEC and AT&T-13STATE will immediately notify each other of any protective control action planned or executed.

10.2 Expansive Controls

- 10.2.1 Where the capability exists, originating or terminating traffic reroutes may be implemented by either Party to temporarily relieve network congestion due to facility failures or abnormal calling patterns. Reroutes will not be used to circumvent normal trunk servicing. Expansive controls will only be used when mutually agreed to by the Parties.

10.3 Mass Calling

- 10.3.1 CLEC and AT&T-13STATE shall cooperate and share pre-planning information regarding cross-network call-ins expected to generate large or focused temporary increases in call volumes.

11. OUT OF EXCHANGE TRAFFIC

- 11.1 Interconnection services are available in accordance with section 251(a)(1) of the Act for the purposes of exchanging traffic to/from a non-AT&T incumbent exchange and consistent with the Appendix Out of Exchange Traffic.

12. SWITCHED ACCESS TRAFFIC

- 12.1 For purposes of this Agreement only, Switched Access Traffic shall mean all traffic that originates from an end user physically located in one local exchange and delivered for termination to an end user physically located in a different local exchange (excluding traffic from exchanges sharing a common mandatory local calling area as defined in AT&T-13STATE's local exchange tariffs on file with the applicable state commission) including, without limitation, any traffic that (i) terminates over a Party's circuit switch, including traffic from a service that originates over a circuit switch and uses Internet Protocol (IP) transport technology (regardless of whether only one provider uses IP transport or multiple providers are involved in providing IP transport) and/or (ii) originates from the end user's premises in IP format and is transmitted to the switch of a provider of voice communication applications or services when such switch utilizes IP technology and terminates over a Party's circuit switch. Notwithstanding anything to the contrary in this Agreement, all Switched Access Traffic shall be delivered to the terminating Party over feature group access trunks per the terminating Party's access tariff(s) and shall be subject to applicable intrastate and interstate switched access charges; provided, however, the following categories of Switched Access Traffic are not subject to the above stated requirement relating to routing over feature group access trunks:

- (i) IntraLATA toll Traffic or Optional EAS Traffic from a CLEC end user that obtains local dial tone from CLEC where CLEC is both the Section 251(b)(5) Traffic provider and the intraLATA toll provider;
- (ii) IntraLATA toll Traffic or Optional EAS Traffic from an AT&T end user that obtains local dial tone from AT&T where AT&T is both the Section 251(b)(5) Traffic provider and the intraLATA toll provider;
- (iii) Switched Access Traffic delivered to AT&T from an Interexchange Carrier (IXC) where the terminating number is ported to another CLEC and the IXC fails to perform the Local Number Portability (LNP) query; and/or

(iv) Switched Access Traffic delivered to either Party from a third party competitive local exchange carrier over interconnection trunk groups carrying Section 251(b)(5) Traffic and ISP-Bound Traffic (hereinafter referred to as "Local Interconnection Trunk Groups") destined to the other Party.

Notwithstanding anything to the contrary in this Agreement, each Party reserves its rights, remedies, and arguments relating to the application of switched access charges for traffic exchanged by the Parties prior to the Effective Date of this Agreement and described in the FCC's Order issued in the Petition for Declaratory Ruling that AT&T's Phone-to-Phone IP Telephony Services Exempt from Access Charges, WC Docket No. 01-361(Released April 21, 2004).

- 12.2 In the limited circumstances in which a third party competitive local exchange carrier delivers Switched Access Traffic as described in Section 12.1 (iv) above to either Party over Local Interconnection Trunk Groups, such Party may deliver such Switched Access Traffic to the terminating Party over Local Interconnection Trunk Groups. If it is determined that such traffic has been delivered over Local Interconnection Trunk Groups, the terminating Party may object to the delivery of such traffic by providing written notice to the delivering Party pursuant to the notice provisions set forth in the General Terms and Conditions and request removal of such traffic. The Parties will work cooperatively to identify the traffic with the goal of removing such traffic from the Local Interconnection Trunk Groups. If the delivering Party has not removed or is unable to remove such Switched Access Traffic as described in Section 12.1(iv) above from the Local Interconnection Trunk Groups within sixty (60) days of receipt of notice from the other party, the Parties agree to jointly file a complaint or any other appropriate action with the applicable Commission to seek any necessary permission to remove the traffic from such interconnection trunks up to and including the right to block such traffic and to obtain compensation, if appropriate, from the third party competitive local exchange carrier delivering such traffic to the extent it is not blocked.

EXHIBIT E

KEY BANDWIDTH LEADERSHIP

David Morken

Cofounder, Chief Executive Officer and Chairman

Mr. Morken launched Bandwidth from his spare bedroom in 1999. Since that time, it has grown into one of the most trusted cloud platforms powering the global digital communications revolution. Equally innovative is the unique, mission-first culture developed to help “bandmates” stay highly engaged, healthy and balanced at work and in life. This culture has helped Bandwidth earn a reputation for customer service excellence, as there’s always a world-class bandmate on the other end of the line eager to go the extra mile.

In 2010 he co-founded and served as chairman and CEO of Republic Wireless, which grew into a game-changing low-cost provider spun out of Bandwidth in 2016 and acquired by Dish Network in 2021. He is also the co-founder and Chairman of RelayPro, an innovative communications solution for frontline teams.

In 1994, David co-founded the Internet’s first online tax filing service, efiling.com. He was called to active duty by the Marine Corps in 1995 and served four years as a Judge Advocate, criminal prosecutor, Special Assistant U.S. Attorney, and Headquarters Company Commander. He is a graduate of the University of Notre Dame Law School and a member of the Virginia Bar Association. He received his undergraduate degree from Oral Roberts University, where he served as President of the Student Association.

Daryl Raiford

Chief Financial Officer

Before joining Bandwidth, Mr. Raiford was Chief Financial Officer of Ribbon Communications (NASDAQ: RBBN), where he was credited with its strategic transformation and the successful integration of numerous global M&A deals—including the merger of GENBAND and Sonus Networks to create Ribbon and, most recently, Ribbon’s 2020 acquisition of ECI Telecom Ltd. Previously, Daryl was a top finance executive driving global growth at Freescale Semiconductor, Travelport Worldwide Ltd. and Hewlett-Packard. He is Chair of the Audit Committee and a member of the Board of Directors of Leone Media Inc., a private company operating as MediaKind.

Daryl holds a Bachelor of Business Administration degree in Accounting from The University of Texas at Austin and is a Certified Public Accountant.

Anthony Bartolo

Chief Operation Officer

Mr. Bartolo is responsible for global day-to-day operations at Bandwidth, leading the full P&L stack of Sales, Marketing, Product, Operations, R&D and Technology.

Since joining Bandwidth in 2022, he has led a transformation of the company’s product offers and go-to-market strategy to accelerate growth with Global 2000 enterprises. He also has brought on key new leaders to drive revenue, product innovation and software development.

Previously, Anthony was Executive Vice President and Chief Product Officer at Avaya, where he led the transition to a SaaS-based business model, resulting in significant new customer wins and an 11-fold increase in annual recurring revenue. Before that, he held several executive roles at Tata Communications, including President of Mobility and Chief Product Officer. His accomplishments included designing and implementing a more competitive product strategy, spearheading the company's expansion into new market segments, securing new strategic partnerships and expanding the company's global footprint. Earlier experience includes President and CEO of Skyrider, a social and peer-to-peer networking start-up, Vice President and General Manager of the Wireless and RFID Divisions at Symbol Technologies (acquired by Motorola) and leadership roles at Nortel Networks.

A native Australian, Anthony has a bachelor's degree in engineering with honors from RMIT University in Melbourne.

Scott Mullen
Chief Technology Officer

Mr. Mullen is responsible for the engineering, operation and overall technical strategy of Bandwidth's global cloud communications platform.

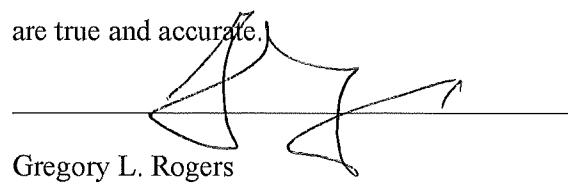
During his career at Bandwidth, Scott and his team have scaled Bandwidth from a U.S.-only CLEC to a global, resilient, highly scalable CPaaS that powers the most mission-critical communications for global enterprises. His team also gives Bandwidth customers an unparalleled level of knowledge and insight to meet regulatory compliance obligations and gain insights into a rapidly changing global communications ecosystem.

Previously, Scott worked for Lucent Technologies designing and implementing the company's next generation IP platforms and applications. He also held software engineering leadership roles at what is now DXC Technology, a leading IT services and consulting firm.

Scott has a B.S. in Computer Science from the University of Maryland Baltimore County.

CERTIFICATION

I, Gregory L. Rogers, Head of Global Policy and Regulatory Affairs for Bandwidth Inc, declare under penalty of perjury pursuant to C.F.R. § 1.16 that all statements in the application and any appendices are true and accurate.



A handwritten signature in black ink, appearing to read "Gregory L. Rogers". The signature is somewhat stylized and includes a small flourish at the end.

Gregory L. Rogers