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, L.P. 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

SUBJECT INDEX

SUBJECT	APPENDIX
General Terms & Conditions	GT&C-13STATE
Coordinated Hot Cut (CHC)	CHC-13STATE
Physical Collocation	PHYSICAL COLLOCATION-13STATE
Virtual Collocation	VIRTUAL COLLOCATION-13STATE
Collocation Rate Summary	COLLOCATION RATE SUMMARY-13STATE
Direct	DIRECT-13STATE
Directory Assistance	DA-13STATE
Directory Assistance Listing	DAL-13STATE
Emergency Services	911-13STATE
Merger Conditions	MERGER CONDITIONS-13STATE
Interconnection Trunking Requirements	ITR-13STATE
Inward Assistance Operator Services	INW-13STATE
Network Interconnection Methods	NIM-13STATE
Number Portability	NP-13STATE
Numbering	NUMBERING-13STATE
Operations Support Systems – Resale and UNE	OSS-13STATE

Operator Services OS-13STATE
Intercarrier Compensation ..... INTERCARRIER COMP-13STATE
Recording RECORDING-13STATE
Remand Order Embedded Temporary Rider ..... REMAND ORDER
Resale RESALE-13STATE
Transit Traffic Service TRANSIT-13STATE
Structure Access SA-13STATE
251(c)(3) UNEs (Provision of Access to Unbundled Network Elements) UNE-13STATE
White Pages WP-13STATE
Clearinghouse CH-12STATE
xDSL and Line Splitting ..... xDSL/LINE SPLITTING-12STATE
Out of Exchange Traffic OET-12STATE
Non-Intercompany Settlement NICS-5STATE
Michigan Pricing ..... PRICING-OH
Michigan Pricing Schedule - UNE ..... PRICING SCHEDULE-UNE-OH
Michigan Performance Measurements ..... PM-OH
Michigan Transit Traffic Pricing ..... TRANSIT TRAFFIC PRICING-OH

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, L.P. 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

TelCove Operations, Inc.

TABLE OF CONTENTS

1. DEFINITIONS 5
2. INTERPRETATION, CONSTRUCTION AND SEVERABILITY 17
3. NOTICE OF CHANGES -- SECTION 251(C)(5) 20
4. GENERAL RESPONSIBILITIES OF THE PARTIES 20
5. EFFECTIVE DATE, TERM, AND TERMINATION 25
6. END USER FRAUD 26
7. ASSURANCE OF PAYMENT 27
8. BILLING AND PAYMENT OF CHARGES 29
9. NONPAYMENT AND PROCEDURES FOR DISCONNECTION 33
10. DISPUTE RESOLUTION 37
11. AUDITS – APPLICABLE IN AT&T-12STATE ONLY 40
12. DISCLAIMER OF REPRESENTATIONS AND WARRANTIES 42
13. LIMITATION OF LIABILITY 42
14. INDEMNITY 43
15. PERFORMANCE MEASURES 47
16. INTELLECTUAL PROPERTY 47
17. NOTICES 47
18. PUBLICITY AND USE OF TRADEMARKS OR SERVICE MARKS 48
19. NO LICENSE 48
20. CONFIDENTIALITY 49
21. INTERVENING LAW 49
22. GOVERNING LAW 49
23. REGULATORY APPROVAL 50
24. CHANGES IN END USER LOCAL EXCHANGE SERVICE PROVIDER SELECTION 50
25. COMPLIANCE AND CERTIFICATION 51
26. LAW ENFORCEMENT 51
27. RELATIONSHIP OF THE PARTIES/INDEPENDENT CONTRACTOR 52
28. NO THIRD PARTY BENEFICIARIES; DISCLAIMER OF AGENCY 52
29. INTENTIONALLY LEFT BLANK 52
30. SUBCONTRACTING 52
31. RESPONSIBILITY FOR ENVIRONMENTAL CONTAMINATION 53
32. FORCE MAJEURE 54
33. TAXES 54
34. NON-WAIVER 56

35. NETWORK MAINTENANCE AND MANAGEMENT 56
36. SIGNALING 57
37. INTENTIONALLY LEFT BLANK 57
38. CUSTOMER INQUIRIES 57
39. EXPENSES 57
40. CONFLICT OF INTEREST 58
41. SURVIVAL 58
42. SCOPE OF AGREEMENT 58
43. AMENDMENTS AND MODIFICATIONS 58
44. APPENDICES INCORPORATED BY REFERENCE 58
45. AUTHORITY 60
46. COUNTERPARTS 61
47. ENTIRE AGREEMENT 61
48. SELECTION OF BILLING OPTIONS 61

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's 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 and Southwestern Bell Telephone, L.P. d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or 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, TelCove Operations, Inc. (MI, MO, OH, OK) and TelCove Investment, LLC (AR, KS) ("CLEC"), (a Delaware corporation), shall apply to the state of Michigan.

WHEREAS, CLEC represents that it is, or intends to become, a provider of Telephone Exchange Service to residential or 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 251(c)(3) unbundled network elements purchased from AT&T 13STATE or other entities, and or the resale of Telecommunications Services.

WHEREAS, the Parties want to Interconnect their networks at mutually agreed upon points of interconnection to provide, directly or indirectly, Telephone Exchange Services and Exchange Access to residential or business End Users over their respective Telephone Exchange Service facilities in the 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 and Southwestern Bell Telephone, L.P. d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or 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 251(c)(3) 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.x 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 or CLECs tariffed access rates, as applicable.

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 "Account Owner" means a telecommunications company, including AT&T-13STATE, that stores and/or administers Line Record Information and/or Group Record Information in a Party's LIDB and/or Calling Name Database.

1.1.6 "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 transmissions speeds of at least 56 kilobits per second in both directions. This definition of Advanced Services does not include:

1.1.6.1 Data services that are not primarily based on packetized technology, such as ISDN,

1.1.6.2 x.25-based and x.75-based packet technologies, or

1.1.6.3 Circuit switched services (such as circuit switched voice grade service) regardless of the technology, protocols or speeds used for the transmission of such services.

1.1.7 "Affiliate" is As Defined in the Act.

1.1.8 "Alternate Billing Service" (ABS) 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.

1.1.9 "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.

1.1.10 "As Defined in the Act" means as specifically defined by the Act.

1.1.11 "As Described in the Act" means as described in or required by the Act.

1.1.12 "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, L.P.

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.

1.1.13 "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.

1.1.14 "AT&T-4STATE" - As used herein, AT&T-4STATE means Southwestern Bell Telephone, L.P. 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.

1.1.15 "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.

1.1.16 "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.

1.1.17 "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.

1.1.18 "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.

1.1.19 "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.

1.1.20 "AT&T ARKANSAS" - As used herein, AT&T ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Arkansas, the applicable AT&T-owned ILEC doing business in Arkansas.

1.1.21 "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.

1.1.22 "AT&T CONNECTICUT" - As used herein, AT&T CONNECTICUT means The Southern New England Telephone Company d/b/a AT&T Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.1.23 "AT&T KANSAS" - As used herein, AT&T KANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Kansas, the applicable AT&T-owned ILEC doing business in Kansas.

1.1.24 "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.

1.1.25 "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.

1.1.26 "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 doing business in Michigan.

1.1.27 "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.

1.1.28 "AT&T MISSOURI" - As used herein, AT&T MISSOURI means Southwestern Bell Telephone, L.P. d/b/a AT&T Missouri, the applicable AT&T-owned ILEC doing business in Missouri.

1.1.29 "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.

1.1.30 "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.

1.1.31 "AT&T OKLAHOMA" - As used herein, AT&T OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a AT&T Oklahoma, the applicable AT&T-owned ILEC doing business in Oklahoma.

1.1.32 "AT&T SOUTHWEST REGION 5-STATE" - As used herein, AT&T SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone, L.P. 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.

1.1.33 "AT&T TEXAS" – As used herein, AT&T TEXAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Texas, the applicable AT&T-owned ILEC doing business in Texas.

1.1.34 "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.

1.1.35 "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.

1.1.36 "Billed Number Screening" (BNS) means a validation of toll billing exception (TBE) data and performance of public telephone checks; i.e., determining if a billed line is a public (including those classified as semi-public) telephone number.

1.1.37 "Bona Fide Request" (BFR) is the process described in the applicable Appendix 251(c)(3) UNEs.

1.1.38 "Business Day" means Monday through Friday, excluding federal holidays and any holidays on which the applicable AT&T-owned ILEC does not provision new retail services and products.

1.1.39 "Busy Line Verification" (BLV) means a service whereby an End User requests an operator to confirm the busy status of a line.

1.1.40 "CABS" means the Carrier Access Billing System.

1.1.41 "Calling Card Service" means a service that enables a calling End User to bill a telephone call to a calling card number with or without the help of an operator.

1.1.42 "Calling Name Database" means a Party's database containing current Calling Name Information, including the Calling Name Information of any telecommunications company participating in that Party's Calling Name Database. A Calling Name Database may be part of, or separate from, a LIDB.

1.1.43 "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.

1.1.44 "Calling Name Information" means a Telecommunications Carrier's records of its End Users names associated with one or more assigned ten-digit telephone numbers.

1.1.45 "Calling Number Delivery" means a feature that enables an End User to view the directory number of the calling party on a display unit.

1.1.46 "Calling Party Number" (CPN) means a Signaling System 7 "SS7" parameter whereby the ten (10) digit number of the calling Party is forwarded from the End Office.

1.1.47 "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.

1.1.48 "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.

1.1.49 "Central office switch" (Central Office) is a switching entity within the public switched telecommunications network, including but not limited to:

1.1.49.1 "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.

1.1.49.2 "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.

1.1.50 "Charge Number" is a CCS signaling parameter that refers to the number transmitted through the network identifying the billing number of the calling party.

1.1.51 "Claim" means any pending or threatened claim, action, proceeding or suit.

1.1.52 "CNAM Query" means a Query that allows CLEC to query a Calling Name Database for Calling Name Information in order to deliver that information to CLEC's local CNDS subscribers.

1.1.53 "CNAM Query Rate" means a rate that applies to each CNAM Query received at the SCP where the Calling Name Database resides.

1.1.54 "Collocation" is an arrangement 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 251(c)(3)UNEs.

1.1.55 "Commercial Mobile Radio Services" (CMRS) means Commercial Mobile Radio Service, As Defined in the Act and FCC rules.

1.1.56 "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:

1.1.56.1 the Arkansas Public Service Commission (AR-PSC);
1.1.56.2 Public Utilities Commission of the State of California (CA-PUC);
1.1.56.3 the Connecticut Department of Public Utility Control (DPUC);
1.1.56.4 the Illinois Commerce Commission (IL-CC);
1.1.56.5 the Indiana Utilities Regulatory Commission (IN-URC);
1.1.56.6 the Kansas Corporation Commission (KS-CC);
1.1.56.7 the Michigan Public Service Commission (MI-PSC);
1.1.56.8 the Missouri Public Service Commission (MO-PSC);
1.1.56.9 the Public Utilities Commission of Nevada (NV-PUC);
1.1.56.10 the Public Utilities Commission of Ohio (PUC-OH);
1.1.56.11 the Oklahoma Corporation Commission (OK-CC);

1.1.56.12 the Public Utility Commission of Texas (PUC-TX); and

1.1.56.13 the Public Service Commission of Wisconsin (PSC-WI).

1.1.57 "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.

1.1.58 "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.

1.1.59 "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.

1.1.60 "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.

1.1.61 "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.

1.1.62 "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.

1.1.63 "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.

1.1.64 "Declassified" or "Declassification" means the situation where a network element, including a network element referred to as a 251(c)(3) UNE under this Agreement, ceases to be a 251(c)(3) 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 251(c)(3) UNE that has ceased to be a 251(c)(3) UNE may also be referred to as "Declassified."

1.1.65 "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:

1.1.65.1 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;

1.1.65.2 any delay, act or failure to act by the other Party or its End User, agent or subcontractor; or

1.1.65.3 any Force Majeure Event.

1.1.66 "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.

1.1.67 "Digital Signal Level" is one of several transmission rates in the time-division multiplex hierarchy.

1.1.67.1 "Digital Signal Level 0" (DS-0) is the 64 Kbps zero-level signal in the time-division multiplex hierarchy.

1.1.67.2 "Digital Signal Level 1" (DS-1) is the 1.544 Mbps first-level signal in the time-division multiplex hierarchy.

1.1.67.3 "Digital Signal Level 3" (DS-3) is the 44.736 Mbps third-level signal in the time-division multiplex hierarchy.

1.1.68 "Digital Subscriber Line" (DSL) is as defined in the applicable Appendix DSL and/or the applicable tariff, as appropriate.

1.1.69 "Electronic File Transfer" is any system or process that utilizes an electronic format and protocol to send or receive data files.

1.1.70 "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.

1.1.71 "Enhanced Service Provider" (ESP) is a provider of enhanced services as those services are defined in 47 CFR Section 64.702.

1.1.72 "Exchange Access" is As Defined in the Act.

1.1.73 "Exchange Area" means an area, defined by the Commission, for which a distinct local rate schedule is in effect.

1.1.74 "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.

1.1.75 "Exchange Service" means Telephone Exchange Service, As Defined in the Act.

1.1.76 "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. The intercarrier compensation mechanism as well as additional definitions for FGA are specified in the appropriate Appendix FGA.

1.1.77 "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.

1.1.78 "FCC" means the Federal Communications Commission.

1.1.79 "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.

1.1.80 "Foreign Exchange" (FX) means a service whereby calls either originated by or delivered to a customer who has purchased FX service from the state or interstate tariffs of either Party. FX also includes, but is not limited to, FX-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 local calling area but where the Party receiving the call is physically located outside of that local calling area. FX service can be either interLATA or intraLATA. InterLATA FX, where the originating and receiving parties are physically located in different LATAs, is considered equivalent to FGA and the intercarrier compensation mechanism is the same as FGA. IntraLATA FX, when provided by two or more local exchange carriers "LECs", is considered a jointly provided service and meet-point billed by those providing it utilizing a mutually agreed to meet-point billing, or meet-point billing like procedure.

1.1.81 "Fraud Monitoring System" means an off-line administration system that monitors suspected occurrences of ABS-related fraud.

1.1.82 "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.

1.1.83 "Group Record" means information in LIDB and/or the LIDB administrative system that is common to all telephone numbers in an NPA-NXX or all Special Billing Numbers in an NXX-0/1XX.

1.1.84 "Incumbent Local Exchange Carrier" (ILEC) is As Defined in the Act.

1.1.85 "Intellectual Property" means copyrights, patents, trademarks, trade secrets, mask works and all other intellectual property rights.

1.1.86 "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.

1.1.87 "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).

1.1.88 "Interconnection" is As Defined in the Act.

1.1.89 "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.

1.1.90 "Interexchange Carrier" (IXC) means a carrier that provides, directly or indirectly, interLATA or intraLATA Telephone Toll Services.

1.1.91 "InterLATA" is As Defined in the Act.

1.1.92 "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.

1.1.93 "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.

1.1.94 "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.

1.1.95 "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.

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1.1.98 "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.

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1.1.101 "Local Access Transport Area" (LATA) is As Defined in the Act.

1.1.102 "Local Exchange Carrier" (LEC) is As Defined in the Act.

1.1.103 "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.

1.1.104 "Local Calls", for purposes of intercarrier compensation, is traffic where all calls are within the same common local and common mandatory local calling area, i.e., within the same or different AT&T Exchange(s) that participate in the same common local mandatory local calling area approved by the applicable state Commission. Local Calls must actually originate and actually terminate to parties physically located within the same common local or common mandatory local calling area.

1.1.105 "Local Interconnection Trunks/Trunk Groups" are used for the termination of Local Exchange Traffic, pursuant to Telcordia Technical Reference GR-317-CORE "GR-317.

1.1.106 "Local Loop Transmission", "251(c)(3) 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.

1.1.107 "Local Number Portability" means the ability of users of Telecommunications Services to retain, at the same location, the presence of a previously existing telephone number(s).

1.1.108 "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.

1.1.109 "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.

1.1.110 "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 reasonable attorneys' fees).

1.1.111 "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.

1.1.112 "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.

1.1.113 "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.

1.1.114 "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.

1.1.115 "Mutual Compensation" as defined in Appendix Reciprocal Compensation.

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

1.1.117 "Network Element" is As Defined in the Act.

1.1.118 "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.

1.1.119 "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.

1.1.120 "Number Portability" is As Defined in the Act.

1.1.121 "NXX" 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 NXX Code contains 10,000 station numbers.

1.1.122 "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.

1.1.123 "Originating Line Information" (OLI) is an SS7 Feature Group D signaling parameter which refers to the number transmitted through the network identifying the billing number of the calling Party.

1.1.124 "Originating Point Code" (OPC) means a code assigned to identify CLEC's system(s) that originate SS7 messages, including LIDB Service Queries.

1.1.125 "Out of Exchange LEC (OE-LEC)" means Telcove operating within AT&T-12STATE'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.

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1.1.127 "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.

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

1.1.129 "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.

1.1.130 "Physical Collocation" is as defined in Appendix Physical Collocation.

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

1.1.132 "Point of Interconnection" (POI) is a physical location at which the Parties' networks meet for the purpose of establishing Interconnection. POIs include a number of different technologies and technical interfaces based on the Parties' mutual agreement.

1.1.133 "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.

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

1.1.134.1 AT&T MIDWEST REGION 5-STATE

1.1.134.1.1 "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.

1.1.134.2 AT&T NEVADA

1.1.134.2.1 "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.

1.1.134.3 AT&T CALIFORNIA

1.1.134.3.1 "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.

1.1.134.4 AT&T CONNECTICUT

1.1.134.4.1 "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.

1.1.134.5 AT&T SOUTHWEST REGION 5-STATE

1.1.134.5.1 "Rate Center" means a 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.

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

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

1.1.137 "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.

1.1.138 "Service Control Point" (SCP) is the node in the common channel signaling network that accepts Queries for certain Database services. The SCP is a real time database system that receives Queries from service platforms, performs subscriber or application-specific service logic, and then sends a Response back to the Query-originating platform. Such service platforms can be Service Switching Points (SSPs) or other network nodes capable of properly formatting and launching Queries.

1.1.139 "Service Management System" (SMS) means an off-line system used to access, create, modify, or update information in a Database.

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

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1.1.142 "Signaling System 7" (SS7) means a signaling protocol used by the CCS Network as it related to E-911/911.

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1.1.144 "Special Billing Number" (SBN) means a Line Record in LIDB that is based on an NXX-0/1XX numbering format. NXX-0/1XX numbering formats are similar to NPA-NXX formats except that the fourth digit of a SBN is either a zero (0) or a one (1).

1.1.145 "State Abbreviation" means the following:

1.1.145.1 "AR" means Arkansas
1.1.145.2 "CA" means California
1.1.145.3 "CT" means Connecticut
1.1.145.4 "IL" means Illinois
1.1.145.5 "IN" means Indiana
1.1.145.6 "KS" means Kansas
1.1.145.7 "MI" means Michigan
1.1.145.8 "MO" means Missouri
1.1.145.9 "NV" means Nevada
1.1.145.10 "OH" means Ohio
1.1.145.11 "OK" means Oklahoma
1.1.145.12 "TX" means Texas
1.1.145.13 "WI" means Wisconsin

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

1.1.147 "Switched Exchange Access Service" means the offering of transmission or switching cervices 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.

1.1.148 "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.

1.1.149 "Tape Load Facility" means data entry points at the LIDB administrative system and/or the SCPs where LIDB resides.

1.1.150 "Telecommunications" is As Defined in the Act.

1.1.151 "Telecommunications Carrier" is As Defined in the Act.

1.1.152 "Telecommunications Service" is As Defined in the Act.

1.1.153 "Telephone Exchange Service" is As Defined in the Act.

1.1.154 "Telephone Toll Service" is As Defined in the Act.

1.1.155 "Third Party" means any Person other than a Party.

1.1.156 "Toll Billing Exception Service" (TBE) means a service that allows End Users to restrict third number billing or collect calls to their lines.

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1.1.159 "Trunk" means a communication line between two switching systems.

1.1.160 "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.

1.1.161 "251(c)(3) Unbundled Network Element" or "251(c)(3)UNE" is as defined in Appendix 251(c)(3) UNEs (Provision of Access to Unbundled Network Elements).

1.1.162 "Virtual Collocation" is as defined in Appendix Virtual Collocation.

1.1.163 "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 21, 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 that is in effect at the time.

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&T13-STATE 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 or approved that tariff.

2.5.3 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 251(c)(3) Unbundled Network Elements as a total arrangement and it is intended by the Parties to be nonseverable.

2.9 Incorporation by Reference

2.9.1 The General Terms and Conditions of this Agreement, and every Interconnection, Resale Service, 251(c)(3) Unbundled Network Element, function, facility, product or service provided hereunder, shall be subject to all rates, terms and conditions contained in the Appendices to this Agreement which are legitimately related to such Interconnection, Resale Service, 251(c)(3) Unbundled Network Element, function, facility, product or service; and all such rates, terms and conditions are incorporated by reference herein and deemed a part of every Interconnection, Resale Service, 251(c)(3) Unbundled Network Element, function, facility, product or service provided hereunder. 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 be legitimately related to, and to be applicable to, each Interconnection, Resale Service,

251(c)(3) Unbundled Network Element, function, facility, product or service provided hereunder: definitions; interpretation, construction and severability; notice of changes; general responsibilities of the Parties; effective date, term and termination; fraud; assurance of payment; billing and payment of charges; non-payment and procedures for disconnection; dispute resolution; audits; disclaimer of representations and warranties; limitation of liability; indemnity; remedies; intellectual property; publicity and use of trademarks and service marks; no license; confidentiality; intervening law; governing law; regulatory approval; changes in End User local exchange service provider selection; compliance and certification; law enforcement; relationship of the Parties/independent contractor; no third Party beneficiaries, disclaimer of agency; assignment; subcontracting; hazardous substances and responsibility for environmental contamination; force majeure; taxes; non-waiver; network maintenance and management; customer inquiries; expenses; conflict of interest; survival; scope of agreement; amendments and modifications; and entire agreement.

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").

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 they 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 10.

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 or located 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, 251(c)(3) 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").

2.13 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, this 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 251(c)(3) 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 251(c)(3) UNEs, Collocation and Resale to CLEC in AT&T-13STATE's incumbent local exchange areas. AT&T-13STATE has no obligation to provide 251(c)(3) 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 251(c)(3) 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 251(c)(3) 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. 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").

4. GENERAL RESPONSIBILITIES OF THE PARTIES

4.1 Intentionally Left Blank

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.

4.6 Intentionally Left Blank

4.7 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, which minimum insurance coverage and limits may be provided for by either basis or umbrellas policies or any combination thereof, such policies to be provided to the other Party upon request:

4.7.1 Workers' Compensation insurance with benefits afforded under the laws of each state covered by this Agreement and Employers Liability insurance with minimum limits of $100,000 for Bodily Injury-each accident, $500,000 for Bodily Injury by disease-policy limits and $100,000 for Bodily Injury by disease-each employee.

4.7.2 Commercial General Liability insurance with minimum limits of: $10,000,000 General Aggregate limit; $500,000 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; $10,000,000 Products/Completed Operations Aggregate limit, with a $5,000,000 each occurrence sub-limit for Products/Completed Operations. Fire Legal Liability sub-limits of $2,000,000 are also required if this Agreement involves collocation. The other Party must be named as an Additional Insured on the Commercial General Liability policy.

4.7.3 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.

4.7.4 Each Party shall require subcontractors providing services under this Agreement to maintain in force the insurance coverage and limits required in Sections 4.7 through 4.7.3 of this Agreement.

4.7.5 The Parties agree that companies affording the insurance coverage required under Section 4.7 shall have a rating of B+ or better and a Financial Size Category rating of VII 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.

4.7.6 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.

4.7.7 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:

4.7.7.1 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

4.7.7.2 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

4.7.7.3 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.

4.7.8 This Section 4.7 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.

4.8 Simultaneously with CLEC's execution of this Agreement, CLEC shall insert the appropriate state-specific authorized and nationally recognized OCN/AECNs for facilities-based (Interconnection and/or 251(c)(3)Unbundled Network Elements) and a separate and distinct OCN/AECN for Resale Services on the signature page of this Agreement and provide AT&T-13STATE with a copy.

4.9 Assignment

4.9.1 Assignment of Contract

4.9.1.1 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*.

4.9.1.2 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*.

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

4.9.2.1 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. There shall be no charge to submit the OSQ.

4.9.3 Company Code Change

4.9.3.1 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 4.9.3.1, "assets" means any Interconnection, Resale Service, 251(c)(3) Unbundled Network Element, function, facility, product or service provided under that Agreement. CLEC shall provide AT&T-13STATE with sixty (60) 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 object to a 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.

4.9.3.2 For any CLEC Company Code Change, CLEC must submit notice of such CLEC Company Code Change, and AT&T-13STATE shall, within forty-five (45) business days from the date such notice is submitted, change CLEC's 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 251(c)(3) 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, changing locks and any other work necessary with respect to Collocation, as jointly determined by the Parties on an individual case basis.

4.9.4 Assignment of any Interconnection, Resale Service, 251(c)(3) Unbundled Network Element, function, facility, product or service.

4.9.4.1 Any assignment or transfer of any Interconnection, Resale Service, 251(c)(3) Unbundled Network Element, function, facility, product or service provisioned pursuant to this Agreement without the transfer or the assignment of this Agreement that will exceed one hundred fifty percent of the average daily volume of CLEC's customer migrations over three consecutive days shall be deemed a CLEC to CLEC Mass Migration. The CLEC that is a Party to this Agreement shall provide AT&T-13STATE with sixty (60) 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, undisputed charges associated with any Interconnection, Resale Service, 251(c)(3) Unbundled Network Element, function, facility, product or service to be transferred.

4.9.4.2 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, 251(c)(3) 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 251(c)(3) 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, changing locks and any other work necessary with respect to Collocation, as

determined jointly by the acquiring CLEC and AT&T-13STATE on an individual case basis.

4.9.5 Project Coordination

4.9.5.1 AT&T-13STATE will provide project management support to effectuate changes of the types identified in Sections 4.9.2, 4.9.3, and 4.9.4.

4.9.5.2 AT&T-13TATE 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.

4.10 When a 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.

4.10.1 The following pertains to AT&T ILLINOIS, AT&T WISCONSIN and AT&T CALIFORNIA only:

4.10.1.1 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 customarily 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.

4.10.2 The following applies to AT&T INDIANA only:

4.10.2.1 Referral Announcements shall be provided by a Party to the other Party for the period specified in 170 IAC 7-1.1-11(I)(3)(a) and (b) and at the rates set forth in the referring Party's tariff(s). However, if either Party customarily provides Referral Announcements for a period different than the above period(s) when it's End Users change their telephone numbers, such Party shall provide the same level of service to End Users of the other Party.

4.10.3 The following applies to AT&T MICHIGAN only:

4.10.3.1 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 customarily provides Referral Announcements, for a period longer than the above period(s) when it's End Users change their telephone numbers, such Party shall provide the same level of service to End Users of the other Party.

4.10.4 The following applies to AT&T OHIO only:

4.10.4.1 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 customarily 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.

4.11 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.

4.12 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.

4.13 This Agreement contains comprehensive OSS terms and conditions; however, CLEC represents and covenants that it will use OSS furnished pursuant to this Agreement only for activities related to 251(c)(3) UNEs, resold services or other services covered by this Agreement, for which this Agreement contains explicit terms, conditions and rates.

4.14 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 subject to true up upon mutual agreement upon a rate or charge for the product or service to be provided or performed. If the Parties cannot agree, either Party may pursue dispute resolution under the applicable provisions of this Agreement.

5. EFFECTIVE DATE, TERM, AND TERMINATION

5.1 Subject to Commission approval, the Effective Date of this Agreement shall be May 1, 2006.

5.2 The term of this Agreement shall commence upon the Effective Date of this Agreement and shall, because CLEC has implemented (i.e. ordered facilities, and submitted ASRs for trunking) at the time of the Effective Date, expire three years later on April 30, 2009. 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 5.3 or 5.4.

5.3 Notwithstanding any other provision of this Agreement, either Party may terminate this Agreement and the provision of any Interconnection, Resale Services, 251(c)(3) 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, subject to the proviso in the following sentence, after written notice thereof . Any termination of this Agreement pursuant to this Section 5.3 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; provided, however that if the defaulting Party initiates cure promptly after receiving notice of the breach and thereafter exercises diligence to implement the cure, the defaulting Party shall be given a reasonable period of additional time to cure such breach or default if the default cannot be cured within forty-five calendar days notwithstanding the defaulting Party's good faith efforts to do so.

5.4 If pursuant to Section 5.2, this Agreement continues in full force and effect after the expiration of the Term, either Party may terminate this Agreement after delivering at least 180 calendar days advanced written notice to the other Party of its intention to terminate this Agreement, subject to Sections 5.5 and 5.6. Neither Party shall have any liability to the other Party for termination of this Agreement pursuant to this Section 5.4 other than its obligations under Sections 5.5 and 5.6.

5.5 Upon termination or expiration of this Agreement in accordance with Sections 5.2, 5.3, 5.4 or 23.2:

5.5.1 Each Party shall continue to comply with its obligations set forth in Section 42; and

5.5.2 Each Party shall promptly pay all amounts owed under this Agreement or place any Disputed Amounts into an escrow account that complies with Section 8.4 hereof;

5.5.3 Each Party's confidentiality obligations shall survive; and

5.5.4 Each Party 's indemnification obligations shall survive.

5.6 If either Party serves notice of expiration pursuant to Section 5.2 or Section 5.4, 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. Notwithstanding any attempted termination pursuant to Section 5.2 or 5.4, during the period of such negotiations or any arbitration of such negotiations relating to a successor agreement, the terms of this Agreement shall continue to govern the Parties' relationship.

5.7 If written notice is not issued pursuant to Section 5.2, 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 or (ii) the later of either ten (10) months after the date on which AT&T-13STATE received CLEC's Section 252(a)(1) request or (30) thirty days after the arbitration award is issued.

5.8 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 5.5 of this Agreement.

5.9 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 5.5 of this Agreement.

5.10 In the event of termination of this Agreement pursuant to Section 5.9, 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.

6. END USER FRAUD

6.1 Unless caused by the gross negligence and/or intentional acts of AT&T-13STATE, its employees or agents, 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 Service (ABS). ABS 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 ABS calls: calling card, collect, and third number billed calls.

6.2 The Parties agree to cooperate with one another to investigate, minimize, and take corrective action in cases of fraud involving 1+ IntraLATA toll calls, ABS, 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.

6.3 In cases of suspected fraudulent activity by an End User, at a minimum, the cooperation referenced in Section 6.2 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 and providing proof of the End User's permission to obtain such information.

6.4 AT&T-10STATE, AT&T CALIFORNIA, and AT&T CONNECTICUT will provide notification messages to CLEC on suspected occurrences of ABS-related fraud on CLEC accounts stored in the applicable LIDB to the appropriate individual identified by the CLEC. AT&T CALIFORNIA will provide such alert messages by e-mail. AT&T-10STATE and AT&T CONNECTICUT will provide via fax.

6.4.1 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 ABS-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.

6.4.2 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.

6.4.3 The Parties will provide contact names and numbers to each other for the exchange of Fraud Monitoring System alert notification information twenty-four (24) hours per day seven (7) days per week.

6.4.4 For each alert notification provided to CLEC, CLEC may request a corresponding thirty-day (30-day) historical report of ABS-related query processing. CLEC may request up to three reports per alert.

6.5 In AT&T SOUTHWEST REGION 5-STATE and AT&T CALIFORNIA ABS-related alerts are provided to CLEC at no additional charge., except as related in 6.6 below.

6.6 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.

7. ASSURANCE OF PAYMENT

7.1 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.

7.2 Assurance of payment may be requested by AT&T-12STATE if:

7.2.1 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 without either (1) two consecutive months of late fulfillment of payment obligations or (2) three non-consecutive months of late fulfillment of payment obligations. For the purposes of these provisions, “late fulfillment of payment obligations” should mean that the CLEC has failed to pay or dispute a bill by the termination of the 10 day cure period as set forth in GTC Section 9.2 of the ICA or, if any part of the bill is disputed, has failed to

fulfill all dispute notification provisions under GTC Section 9.3 of the ICA , and properly escrow funds, if escrow provisions are applicable ; or

7.2.2 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.

7.3 Unless otherwise agreed by the Parties, the assurance of payment will, at AT&T-12STATE's option, consist of

7.3.1 a cash security deposit in U.S. dollars held by AT&T-12STATE ("Cash Deposit") or

7.3.2 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").

7.3.3 The Cash Deposit or Letter of Credit must be in an amount equal to two (2) months anticipated charges (including, but not limited to, recurring, non-recurring and usage sensitive charges, termination charges, advance payments and anticipated billing disputes resolved in CLEC's favor), as reasonably determined by AT&T-12STATE, for the Interconnection, Resale Services, 251(c)(3) Unbundled Network Elements, Collocation or any other functions, facilities, products or services to be furnished by AT&T-12STATE under this Agreement.

7.3.3.1 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.

7.3.3.2 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.

7.4 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.

7.5 A Cash Deposit will accrue interest, however, AT&T-12STATE will not pay interest on a Letter of Credit.

7.6 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:

7.6.1 CLEC owes AT&T-12STATE undisputed charges under this Agreement that are more than thirty (30) calendar days past due; or

7.6.2 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

7.6.3 The expiration or termination of this Agreement.

7.7 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 7.3.

7.8 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.

7.8.1 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 9.5 through Section 9.7.

7.9 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.

7.10 For adequate assurance of payment of amounts due (or to become due) to AT&T CONNECTICUT, see the applicable DPUC ordered tariff.

8. BILLING AND PAYMENT OF CHARGES

8.1 Unless otherwise stated, each Party will render monthly bill(s) to the other for Interconnection, Resale Services, 251(c)(3) 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.

8.1.1 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 8.3 of this Agreement.

8.1.2 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."

8.1.3 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."

8.1.4 Remittance in full of all bills rendered by CLEC is due within thirty (30) calendar days of each bill date (the "Bill Due Date").

8.1.5 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 in Sections 8.1.5.1 through 8.1.5.3, as applicable.

8.1.5.1 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.

8.1.5.2 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.

8.1.5.3 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.

8.2 If AT&T-13STATE fails to remit payment for any CLEC charges by the Bill Due Date, or if payment for any portion of the charges is received from AT&T-13STATE after the Bill Due Date, or if payment for any portion of the charges is received in funds which are not immediately available to CLEC as of the Bill Due Date (individually and collectively, "Past Due") incurred by AT&T-13STATE under this Agreement is Past Due, the unpaid amounts will accrue late payment charges and 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.

8.3 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 institutions. CLEC is responsible for its own banking fees.

8.3.1 Processing of payments not made via electronic funds credit transfers through the ACH network may be delayed. CLEC is responsible for ensuring that all payments are received by AT&T-12 STATE by the applicable due date. CLEC's failure to ensure that payments are received by AT&T-12 STATE by the applicable due date will result in the imposition of Late Payment Charges.

8.3.2 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.

8.4 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 10.4.1. 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.

8.5 Disputed Amounts in escrow will be subject to Late Payment Charges as set forth in Section 8.1.5.

8.6 Requirements to Establish Escrow Accounts.

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

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

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

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

8.6.2 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:

8.6.2.1 The escrow account must be an interest bearing account;

8.6.2.2 Each Party will be responsible for the non-usage based cost of establishing and maintaining its own escrow account. Should the Parties agree to maintain one escrow account jointly, each Party will be responsible for one-half of the non-usage based costs of establishing and maintaining the joint escrow account. Escrow costs that relate to a particular dispute will initially be paid by the disputing party, but will ultimately be borne by the Party that is found to be in error with regard to the dispute.

8.6.2.3 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;

8.6.2.4 all interest earned on deposits to the escrow account will be disbursed to the Parties in the same proportion as the principal; and

8.6.2.5 disbursements from the escrow account will be limited to those:

8.6.2.5.1 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

8.6.2.5.2 made in accordance with the final, non-appealable order of the arbitrator appointed pursuant to the provisions of Section 10.7; or

8.6.2.5.3 made in accordance with the final, non-appealable order of the court that had jurisdiction to enter the arbitrator's award pursuant to Section 10.7.

8.6.3 Disputed Amounts in escrow will be subject to Late Payment Charges as set forth in Section 8.1.5.

8.6.4 Issues related to Disputed Amounts shall be resolved in accordance with the procedures identified in the Dispute Resolution provisions set forth in Section 10.

8.7 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:

8.7.1 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 and interest charges assessed with respect thereto no later than the second Bill Due Date after resolution of the dispute;

8.7.1.1 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;

8.7.1.2 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

8.7.1.3 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 8.1.5.

8.8 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 8.7.1.1 and Section 8.7.1.3 are completed within the times specified therein.

8.8.1 Failure by the Non-Paying Party to pay any charges determined to be owed to the Billing Party within the time specified in Section 8.7 shall be grounds for termination of the Interconnection, Resale Services, 251(c)(3) Unbundled Network Elements, Collocation, functions, facilities, products and services provided under this Agreement.

8.9 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.

8.9.1 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.

8.9.2 Each additional copy of a bill provided to CLEC from AT&T SOUTHWEST REGION 5-STATE's CRIS system through Bill Plus will incur charges as specified in Appendix Pricing.

8.9.3 Each additional copy of any bill provided by CLEC to AT&T13-STATE will incur charges at the same rate that AT&T charges CLEC for duplicate bill requests as stated in Sections 8.9.1 or 8.9.2.

8.10 Exchange of Billing Message Information

8.10.1 AT&T-13STATE will provide CLEC a specific Daily Usage File ("DUF" or "Usage Extract") for Resale Services and 251(c)(3) Unbundled Network Element usage sensitive 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 and 251(c)(3) Unbundled Network Element 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 Services and 251(c)(3)Unbundled Network Elements provided by AT&T-13STATE. Procedures and processes for implementing the interfaces with AT&T-13STATE will be included in implementation requirements documentation.

8.10.2 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.

8.10.3 Unless otherwise specified in Appendix Message Exchange, call detail for LEC-carried calls that are alternately billed to CLEC End Users lines provided by AT&T-13STATE through Resale or 251(c)(3) Unbundled Network Elements will be forwarded to CLEC as rated call detail on the DUF.

8.10.4 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."

8.10.5 Interexchange call detail on Resale Services or 251(c)(3) Unbundled Network Elements (ports) 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 and 251(c)(3) Unbundled Network Elements (ports) will be passed through when AT&T-13STATE records the message.

8.10.6 AT&T MIDWEST REGION 5-STATE and AT&T-2STATE Ancillary Services messages originated on or billed to a Resale Service or 251(c)(3) Unbundled Network Element (port) in those seven (7) states are subject to the rates, terms and conditions of Appendix MESSAGE EXCHANGE.

8.10.7 CLEC is responsible for providing all billing information to each of its End Users, regardless of the method used to provision the End User's service.

9. NONPAYMENT AND PROCEDURES FOR DISCONNECTION

9.1 If a Party is furnished Interconnection, Resale Services, 251(c)(3) Unbundled Network Elements, Collocation, functions, facilities, products and services under the terms of this Agreement in more than one (1) state, Sections 9.1 through 9.7, inclusive, shall be applied separately for each such state.

9.2 Failure to pay undisputed charges shall be grounds for disconnection of Interconnection, Resale Services, 251(c)(3) Unbundled Network Elements, Collocation, functions, facilities, products and services furnished under this Agreement. If a Party fails to pay any undisputed 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, 251(c)(3) 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.

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

9.2.2 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.

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

9.3 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:

9.3.1 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 10.4.1 of this Agreement, together with the reasons for its dispute; and

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

9.3.3 pay all Disputed Amounts [other than disputed charges arising from Appendix Reciprocal Compensation] into an interest bearing escrow account (only one escrow account per party to this Interconnection Agreement is required) that complies with the requirements set forth in Section 8.4; and

9.3.4 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 8.4 and deposited a sum equal to the Disputed Amounts other than disputed charges arising from Appendix Reciprocal Compensation into that account. Until evidence that the full amount of the Disputed Charges other than disputed charges arising from Appendix Reciprocal Compensation has been deposited into an escrow account that complies with Section 8.4 is furnished to the Billing Party, such Unpaid Charges will not be deemed to be "disputed" under Section 10. Disputes relating to a single month's bill for a single account that is no more than $5000.00 in aggregate may be commenced without the Non-Paying Party placing funds into the escrow account. Any item under dispute appearing on a subsequent bill shall not have its value considered with regard to amount disputed on such subsequent bill.

9.3.5 The Billed Party shall not be required to place Disputed Amounts in escrow as required by Section 9.3.3, above if the Billed party does not have a proven history of late payments and has established a minimum of twelve consecutive (12) months good credit history with the Billing Party (prior to the date if notifies the Billing Party of its billing dispute); and either

(i) 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

(ii) if 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 without either (1) two consecutive months of late fulfillment of payment obligations or (2) three non-consecutive months of late fulfillment of payment obligations.

9.4 Issues related to Disputed Amounts shall be resolved in accordance with the procedures identified in the Dispute Resolution provision set forth in Section 10.

9.5 AT&T-12STATE

9.5.1 If the Non-Paying Party fails within a specific state to (a) pay any undisputed Unpaid Charges in response to the Billing Party's Section 9.2 notice, (b) 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 (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:

9.5.1.1 suspend in that state acceptance of any application, request or order from the Non-Paying Party for new or additional Interconnection, Resale Services, 251(c)(3) Unbundled Network Elements, Collocation, functions, facilities, products or services under this Agreement; and/or

9.5.1.2 suspend in that state completion of any pending application, request or order from the Non-Paying Party for new or additional Interconnection, Resale Services, 251(c)(3) Unbundled Network Elements, Collocation, functions, facilities, products or services under this Agreement.

9.5.2 Notwithstanding anything to the contrary in this Agreement, the Billing Party's exercise of any of its options under Section 9.5.1, Section 9.5.1.1 and Section 9.5.1.2:

9.5.2.1 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

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

9.6 AT&T MIDWEST REGION 5-STATE only

9.6.1 If the Non-Paying Party fails in that state to pay the Billing Party on or before the date specified in the demand provided under Section 9.5.1 of this Agreement, the Billing Party may, in addition to exercising any other rights or remedies it may have under Applicable Law,

9.6.1.1 cancel any pending application, request or order from the Non-Paying Party for new or additional Interconnection, Resale Services, 251(c)(3) Unbundled Network Elements, Collocation, functions, facilities, products or services under this Agreement; and

9.6.1.2 discontinue providing any Interconnection, Resale Services, 251(c)(3) Unbundled Network Elements, Collocation, functions, facilities, products or services furnished under this Agreement.

9.6.1.2.1 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.

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

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

9.7 AT&T-7STATE only

9.7.1 Any demand provided by AT&T-7STATE to CLEC under Section 9.5.1 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.

9.7.1.1 A copy of the demand provided to CLEC under Section 9.7.1 will be provided to the Commission.

9.7.2 If the Non-Paying Party fails in that state to pay the Billing Party on or before the date specified in the demand provided under Section 9.5.1 of this Agreement, the Billing Party may, in addition to exercising any other rights or remedies it may have under Applicable Law,

9.7.2.1 cancel any pending application, request or order for new or additional Interconnection, Resale Services, 251(c)(3) Unbundled Network Elements, Collocation, functions, facilities, products or services under this Agreement; and

9.7.2.2 disconnect any Interconnection, Resale Services, 251(c)(3) Unbundled Network Elements, Collocation, functions, facilities, products or services furnished under this Agreement.

9.7.2.2.1 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.

9.7.3 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.

9.7.3.1 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.

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

9.7.3.3 Conversion charges and service establishment charges for transferring Resale End Users to AT&T-7STATE as specified in Section 9.7.3 will be billed to CLEC.

9.7.3.4 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 9.7.2. 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.

9.7.4 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.

9.7.4.1 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.

9.7.4.1.1 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.

9.7.5 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 9.7.3.3.

9.7.6 If any Resale End User transferred to AT&T-7STATE's local service under Section 9.7.3 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.

9.7.6.1 AT&T-7STATE will notify the Commission of the names of all transferred Resale End Users whose local service was terminated pursuant to Section 9.7.5.

9.7.6.2 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,

9.7.6.2.1 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."

9.8 AT&T CONNECTICUT only

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

10. DISPUTE RESOLUTION

10.1 Finality of Disputes

10.1.1 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.

10.1.2 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.

10.1.3 Notwithstanding anything contained in this Agreement to the contrary, neither Party shall bill the other Party for previously unbilled charges that are for services rendered more than one (1) year prior to the current billing date. For any "back-billed" charges to be valid, the billing Party must separately list such charges from current charges and identify such charges as "back-billed" charges.

10.2 Alternative to Litigation

10.2.1 The Parties desire to resolve disputes arising out of this Agreement without the need for 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.

10.3 Commencing Dispute Resolution

10.3.1 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:

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

10.3.1.2 Informal Dispute Resolution; and

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

10.4 LSC/ Service Center/LEC-C 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".

10.4.1 If the written notice given pursuant to Section 10.3 discloses that a CLEC dispute relates to billing, then the procedures set forth in this Section 10.4 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 10.4, 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 8.4 of this Agreement and deposited all Unpaid Charges relating to Resale Services and 251(c)(3) Unbundled Network Elements into that escrow account. Failure to provide the information and evidence required by this Section 10.4.1 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.

10.4.2 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 10.4.1 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.

10.4.3 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 10.4.1), AT&T-13STATE will notify CLEC of the status of the dispute and the expected resolution date.

10.4.4 Any notice of Disputed Amounts given by AT&T-13STATE to CLEC pursuant to Section 10.3 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. Failure to provide the information and evidence required by this Section 10.4.4 not later than twenty-nine (29) calendar days following the Bill Due Date shall constitute AT&T-13STATE's irrevocable and full waiver of its right to dispute the subject charges.

10.4.5 If the Non-Paying Party is not satisfied by the resolution of the billing dispute under this Section 10.4, 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 10.5 of this Agreement.

10.5 Informal Resolution of Disputes

10.5.1 Upon receipt by one Party of notice of a dispute by the other Party pursuant to Section 10.3 or Section 10.4.5, each Party will appoint a knowledgeable, responsible representative relative to the issue 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.

10.6 Formal Dispute Resolution

10.6.1 If the Parties are unable to resolve the dispute through the informal procedure described in Section 10.5, then either Party may invoke the formal Dispute Resolution procedures described in this Section 10.6. 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 10.3.

10.6.2 Claims Subject to Mandatory Arbitration. The following claims, if not settled through informal Dispute Resolution, will be subject to mandatory arbitration pursuant to Section 10.7 below:

10.6.2.1 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 10.3. 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 10.3, the Parties will annualize the actual number of months billed.

10.6.3 Claims Subject to Elective Arbitration. Claims will be subject to elective arbitration pursuant to Section 10.7 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.

10.6.4 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.

10.6.4.1 Actions seeking a temporary restraining order or an injunction related to the purposes of this Agreement.

10.6.4.2 Actions to compel compliance with the Dispute Resolution process.

10.6.4.3 All claims arising under federal or state statute(s), including antitrust claims.

10.7 Arbitration

10.7.1 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 the following locations: (i) if arbitration is commenced by AT&T, the arbitration shall be held in Dallas, Texas (AT&T SOUTHWEST REGION 5-STATE); Columbus, Ohio or Detroit, Michigan (AT&T MIDWEST REGION 5-STATE), San Francisco, California (AT&T CALIFORNIA); Reno, Nevada (AT&T NEVADA); or Hartford, Connecticut (AT&T

CONNECTICUT), as appropriate. 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 and each Party shall submit to the jurisdiction of that court for purposes of the enforcement of any award, order or judgment.

11. AUDITS – Applicable in AT&T-12STATE only

11.1 Subject to the restrictions set forth in Section 20 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 ten percent (10%) 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 ten percent (10%) of the amounts payable by Audited Party for audited services provided during the period covered by the audit.

11.1.1 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.

11.1.2 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.

11.1.3 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.

11.1.4 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.

11.1.5 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 in the first full billing cycle after the Parties have agreed upon the accuracy of the audit results, and (iii) in each case, calculate and pay interest as provided in Section 8.1 (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.

11.1.6 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 ten percent (10%) of the aggregate charges for the audited services during the period covered by the audit.

11.1.7 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 resort to the dispute resolution procedures set forth in this Agreement. Either Party may request an additional audit at the requesting Party's expense to verify the correction of the identified variance.

11.2 Audits - AT&T CONNECTICUT only

11.2.1 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.

11.2.2 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.

11.2.3 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 8.1.5.1 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.

12. DISCLAIMER OF REPRESENTATIONS AND WARRANTIES

12.1 EXCEPT AS EXPRESSLY PROVIDED UNDER THIS AGREEMENT, NO PARTY MAKES OR RECEIVES ANY WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT TO THE INTERCONNECTION, RESALE SERVICES, 251(c)(3) 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.

13. LIMITATION OF LIABILITY

13.1 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, 251(c)(3) Unbundled Network Elements, functions, facilities, products and service(s) that were not performed or were improperly performed.

13.2 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.

13.3 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, 251(c)(3) 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, 251(c)(3) 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 13.3.

13.4 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 14 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 13.4 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, 251(c)(3) Unbundled Network Elements, 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.

13.5 AT&T-13STATE shall not be liable for damages to an End User's premises resulting from the furnishing of any Interconnection, Resale Services, 251(c)(3) Unbundled Network Elements, functions, facilities, products or services, including, if applicable, the installation and removal of equipment and associated wiring, 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, 251(c)(3) Unbundled Network Elements, functions, facilities, products or services when used in an explosive atmosphere.

13.6 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 unless caused by the willful misconduct or gross negligence of AT&T-13STATE.

13.7 Except as may be caused by AT&T-13STATE's gross negligence or willful misconduct, but subject to any applicable state statutes, regulations and tariffs regarding liability for operators of 911 service, 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.

13.8 This Section 13 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, 251(c)(3) 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.

14. INDEMNITY

14.1 Except as otherwise expressly provided herein or in specific appendices, each Party shall be responsible only for the Interconnection, Resale Services, 251(c)(3) Unbundled Network Elements, 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, 251(c)(3) Unbundled Network Elements, functions, facilities, products and services provided by the other Party, its agents, subcontractors, or others retained by such Parties.

14.2 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, 251(c)(3) Unbundled Network Elements, 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.

14.3 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, 251(c)(3) Unbundled Network Element, 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.

14.4 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, 251(c)(3) Unbundled Network Elements, functions, facilities, products and services provided under this Agreement involving:

14.4.1 Any Claim or Loss arising from such Indemnifying Party's use of Interconnection, Resale Services, 251(c)(3) Unbundled Network Elements, 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.

14.4.1.1 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, 251(c)(3) Unbundled Network Elements, 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, 251(c)(3) Unbundled Network Elements, functions, facilities, products or services provided pursuant to this Agreement.

14.4.1.2 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, 251(c)(3) Unbundled Network Elements, 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:

14.4.1.2.1 where an Indemnified Party or its End User modifies Interconnection, Resale Services, 251(c)(3) Unbundled Network Elements, functions, facilities, products or services; provided under this Agreement; and

14.4.1.2.2 no infringement would have occurred without such modification.

14.4.2 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.

14.5 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 251(c)(3) 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.

14.5.1 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.*

14.5.1.1 AT&T-13STATE agrees to use its best efforts to obtain for CLEC, under commercially reasonable terms, Intellectual Property rights to each 251(c)(3) UNE necessary for CLEC to use such 251(c)(3) UNE in the same manner as AT&T-13STATE.

14.5.1.2 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 251(c)(3) UNE in a different manner than used by AT&T-13STATE.

14.5.1.3 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.

14.5.1.4 All costs associated with the extension of Intellectual Property rights to CLEC pursuant to Section 14.5.1.1, including the cost of the license extension itself and the costs associated with the effort to obtain the license, shall be included in the cost of providing the 251(c)(3) UNE to which the Intellectual Property rights relate.

14.5.2 Except for the Intellectual Property rights that AT&T agrees in section 14.5.1.1 to use its best effort to obtain, AT&T-13STATE hereby conveys no licenses or rights to use such Intellectual Property 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 251(c)(3) 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.

14.5.3 Except for the intellectual Property rights that AT&TX agrees in Section 14.5.1.1 to use its best efforts to obtain, 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 251(c)(3) 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.

14.6 CLEC shall reimburse AT&T-13STATE for damages to AT&T-13STATE's facilities utilized to provide Interconnection or 251(c)(3) UNEs hereunder caused by the gross 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 utilized by CLEC in its provisioned services. Upon reimbursement for such 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.

14.7 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.

14.8 Indemnification Procedures

14.8.1 Whenever a claim shall arise for indemnification under this Section 14, 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.

14.8.2 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.

14.8.3 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.

14.8.4 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.

14.8.5 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.

14.8.6 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.

14.8.7 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.

14.8.8 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.

14.8.9 Each Party agrees to act in good faith and 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 20.

15. PERFORMANCE MEASURES

15.1 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 solely for failure to meet specified performance standards identified in such Attachment and all other Attachments to this Agreement.

16. INTELLECTUAL PROPERTY

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

17. NOTICES

17.1 Subject to Section 17.2, 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

17.1.1 delivered personally;

17.1.2 delivered by express overnight delivery service;

17.1.3 mailed, via certified mail or first class U.S. Postal Service, with postage prepaid, and a return receipt requested; or

17.1.4 delivered by facsimile; provided that a paper copy is also sent by a method described in sections 17.1.1, 17.1.2, or 17.1.3.

17.1.5 Notices will be deemed given as of the earliest of:

17.1.5.1 the date of actual receipt,

17.1.5.2 the next Business Day when sent via express overnight delivery service,

17.1.5.3 seven (7) calendar days after mailing in the case of first class or certified U.S. Postal Service, or

17.1.5.4 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.

17.1.6 Notices will be addressed to the Parties as follows:

NOTICE CONTACT	CLEC CONTACT	AT&T-13STATE CONTACT
NAME/TITLE	James Means Secretary and General Counsel	Contract Management ATTN: Notices Manager
STREET ADDRESS	121 Champion Way	311 S. Akard, 9th Floor Four AT&T Plaza
CITY, STATE, ZIP CODE	Canonsburg, PA 15317	Dallas, TX 75202-5398
FACSIMILE NUMBER	724-743-9791	214-464-2006

17.1.6.1 With a courtesy copy for CLEC to:
Director of Regulatory Affairs
TelCove, Inc,
5350 Shawnee Road, Suite 240
Alexandria, Virginia 22312
Tel: (703) 720-5533
Fax: (703) 720-5539

17.1.7 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.

17.2 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.

17.3 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.

17.4 In AT&T-13STATE CLEC may designate up to a maximum of ten (10) recipients for Accessible Letter notification via e-mail.

17.5 In AT&T-13STATE, CLEC shall submit a completed Accessible Letter Recipient Change Request Form to the individual specified on that form to designate in writing each individual's e-mail address to whom CLEC requests Accessible Letter notification be sent. CLEC shall submit a completed Accessible Letter Recipient Change Request Form to add, remove or change recipient information for any CLEC recipient of Accessible Letters. Any completed Accessible Letter Recipient Change Request Form shall be deemed effective ten (10) calendar days following receipt by AT&T-13STATE. AT&T-13STATE may, at its discretion, change the process by which the CLEC provides Accessible Letter recipient information. 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.

17.6 AT&T SOUTHWEST REGION 5-STATE only:

17.6.1 AT&T SOUTHWEST REGION 5-STATE shall provide a toll free facsimile number to CLEC for the submission of requests for Resale Services and 251(c)(3) 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 251(c)(3) Unbundled Network Elements under this Agreement.

18. PUBLICITY AND USE OF TRADEMARKS OR SERVICE MARKS

18.1 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.

18.2 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.

19. NO LICENSE

19.1 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.

20. CONFIDENTIALITY

20.1 Both Parties agree to treat Proprietary Information received from the other in accordance with the provisions of Section 222 of the Act.

20.2 Unless otherwise agreed, the obligations of confidentiality and non-use do not apply to such Proprietary Information that:

20.2.1 Was at the time of receipt, already known to the Receiving Party, free of any obligation to keep confidential and evidenced by written records prepared prior to delivery by the Disclosing Party; or

20.2.2 Is, or becomes publicly known through no wrongful act of the Receiving Party; or

20.2.3 Is rightfully received from a Third Party having no direct or indirect secrecy or confidentiality obligation to the Disclosing Party with respect to such information; provided that such Receiving Party has exercised commercially reasonable efforts to determine whether such Third Party has any such obligation; or

20.2.4 Is independently developed by an agent, employee representative or Affiliate of the Receiving Party and such Party is not involved in any manner with the provision of services pursuant to this Agreement and does not have any direct or indirect access to the Proprietary Information; or

20.2.5 Is disclosed to a Third Party by the Disclosing Party without similar restrictions on such Third Party's rights; or

20.2.6 Is approved for release by written authorization of the Disclosing Party, but only to the extent of the authorization granted; or

20.2.7 Is required to be made public or disclosed by the Receiving Party pursuant to Applicable Law or regulation or court order or lawful process.

21. INTERVENING LAW

21.1 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), including, without limitation, its intervening law rights. 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 negotiate and arrive at an agreement on the appropriate conforming modifications to the Agreement. If the Parties are unable to agree upon the conforming modifications required within sixty (60) days from the Written Notice, any disputes between the Parties concerning the interpretation of the actions required or the provisions affected by such order shall be resolved pursuant to the dispute resolution process provided for in this Agreement.

22. GOVERNING LAW

22.1 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, 251(c)(3) 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.

23. REGULATORY APPROVAL

23.1 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 as a complete package by the Commission or the FCC under Section 252 of the Act without modification.

24. CHANGES IN END USER LOCAL EXCHANGE SERVICE PROVIDER SELECTION

24.1 Applies to AT&T-12STATE only

24.1.1 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.

24.1.2 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.

24.1.3 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 251(c)(3) UNE facilities for use by another End User and is free to issue service orders required to reclaim such facilities.

24.1.4 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.

24.2 Applies to AT&T CONNECTICUT only

24.2.1 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, Section 18,

further documents requirements for Local Exchange Carrier changes and required End User authorizations.

24.2.2 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.

25. COMPLIANCE AND CERTIFICATION

25.1 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.

25.2 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, 251(c)(3) 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.

25.3 Each Party shall be responsible for obtaining and keeping in effect all of their own 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.

25.4 Each Party represents and warrants that any equipment, facilities or services provided to the other Party under this Agreement comply with the CALEA.

26. LAW ENFORCEMENT

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

26.1.1 Intercept Devices:

26.1.1.1 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.

26.1.2 Subpoenas:

26.1.2.1 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.

26.1.3 Emergencies:

26.1.3.1 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.

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

26.2.1 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.

27. RELATIONSHIP OF THE PARTIES/INDEPENDENT CONTRACTOR

27.1 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.

27.2 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.

28. NO THIRD PARTY BENEFICIARIES; DISCLAIMER OF AGENCY

28.1 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.

29. INTENTIONALLY LEFT BLANK.

30. SUBCONTRACTING

30.1 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.

30.2 Each Party will be solely responsible for payments due that Party's subcontractors.

30.3 No subcontractor will be deemed a Third Party beneficiary for any purposes under this Agreement.

30.4 No contract, subcontract or other agreement entered into by either Party with any Third Party in connection with the provision of Interconnection, Resale Services, 251(c)(3) 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.

30.5 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.

31. RESPONSIBILITY FOR ENVIRONMENTAL CONTAMINATION

31.1 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.

31.2 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.

31.3 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.

31.4 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.

31.5 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.

31.6 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.

32. FORCE MAJEURE

32.1 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.

33. TAXES

33.1 Each Party purchasing Interconnection, Resale Services, 251(c)(3) 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, 251(c)(3) 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.

33.2 CLEC acknowledges and agrees that as of the Effective Date 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.

33.3 With respect to any purchase of Interconnection, Resale Services, 251(c)(3) 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.

33.4 With respect to any purchase hereunder of Interconnection, Resale Services, 251(c)(3) 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.

33.5 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.

33.6 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.

33.7 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.

33.8 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, 251(c)(3) 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.

33.9 With respect to any Tax or Tax controversy covered by this Section 33, 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.

33.10 All notices, affidavits, exemption certificates or other communications required or permitted to be given by either Party to the other under this Section 33 shall be sent in accordance with Section 17 hereof.

34. NON-WAIVER

34.1 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.

35. NETWORK MAINTENANCE AND MANAGEMENT

35.1 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.

35.2 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.

35.3 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.

35.4 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.

35.5 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.

35.6 Neither Party shall use any Interconnection, Resale Service, 251(c)(3) 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, 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.

36. SIGNALING

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

37. Intentionally Left Blank

38. CUSTOMER INQUIRIES

38.1 Except as otherwise required by Section 24.1, 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 24.1, 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 38.1 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 5.5; Section 5.6, Section 7.3; Section 8.1; Section 8.4; Section 8.5; Section 8.6; Section 8.7; Section 8.8; Section 10, Section 11; Section 13; Section 14; Section 15; Section 16.1; Section 18; Section 19; Section 20; Section 22; Section 25.4; Section 26.1.3; Section 32; Section 34 and Section 42.

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, but not including attorney's 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 Intentionally Left Blank

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

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

44.4.2 AT&T12STATE shall provide IntraLATA Dialing Parity in accordance with Section 271(e)(2) of the Act.

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

44.5.1 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.

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

44.6.1 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.

44.7 OTHER SERVICES

44.7.1 911 and E911 Services

44.7.1.1 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.

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

44.7.1.2.1 The Parties agree that CLEC will not have to establish 911 trunking or interconnection to Ameritech'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

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

44.7.1.2.3 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.

44.7.1.2.4 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 14 shall apply to such indemnification.

44.7.3 Directory Assistance (DA)

44.7.3.1 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.

44.7.4 Hosting

44.7.4.1 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.

44.7.5 Operator Services (OS)

44.7.5.1 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.

44.7.6 Publishing and Directory

44.7.6.1 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.

44.7.7 RESALE--SECTIONS 251(b)(1)

44.7.7.1 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.

44.7.8 TRANSMISSION AND ROUTING OF SWITCHED ACCESS TRAFFIC PURSUANT TO 251(c)(2)

44.7.8.1 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.

44.7.9 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).

44.7.9.1 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.

44.7.10 251(c)(3) UNBUNDLED NETWORK ELEMENTS -- SECTIONS 251(c)(3)

44.7.10.1 Pursuant to the applicable Appendix 251(c)(3) UNEs, which is/are attached hereto and incorporated herein by reference, AT&T-13STATE will provide CLEC access to 251(c)(3) 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 Telecommunications, 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 or a limited liability company 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 pre-dating 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.

48. SELECTION OF BILLING OPTIONS

48.1 This Agreement contains an Appendix A to the General Terms and Conditions wherein the CLEC will select certain options available under this Agreement.

AT&T-13STATE Agreement
Signatures

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

CLEC's STATE-SPECIFIC:

FACILITIES-BASED OCN # _____

RESALE OCN # _____

ACNA _____

Telcove Operations, Inc. (MI, MO, OK, OH)
Telcove Investment, LLC (AR, KS)

Signature: _____

Name: James Means
(Print or Type)

Title: Secretary
(Print or Type)

Date: 8/8/06

Michigan Bell Telephone Company d/b/a AT&T Michigan
by AT&T Operations, Inc., its authorized agent

Signature: Rebecca L Sparks

Name: Rebecca L. Sparks
(Print or Type)

Title: Executive Director-Regulatory

Date: 8/17/06

APPENDIX COORDINATED HOT CUT (CHC)

TABLE OF CONTENTS

APPENDIX COORDINATED HOT CUT (CHC)

1. INTRODUCTION……3

2. CHC SERVICE DESCRIPTION……3

3. CHC PRICING……4

APPENDIX COORDINATED HOT CUT (CHC)

1. INTRODUCTION

This Appendix sets forth terms and conditions for Coordinated Hot Cut (CHC) provided by the applicable AT&T Inc. (AT&T) owned Incumbent Local Exchange Carrier (ILEC) and CLEC.

1.1 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, L.P. 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.

1.2 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.

1.3 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.

1.4 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.

1.5 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.

1.6 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.

1.7 AT&T SOUTHWEST REGION 5-STATE - As used herein, AT&T SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone, L.P. 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.

1.8 "Conversion of Service" is defined as the matching of the disconnect of one telecommunications product or service with the installation of another telecommunications product or service.

1.9 "Designated Installation" is defined as an installation of service occurring at a specific time of day as specified by CLEC.

2. CHC SERVICE DESCRIPTION

2.1 Coordinated Hot Cut (CHC) Service is an optional manual service offering that permits CLEC to request a designated installation and/or conversion of service during, or after, normal business hours.

2.2 CLEC will initiate the beginning of a CHC by contacting the appropriate coordination center. This special request enables CLEC to schedule and coordinate particular provisioning requirements with the AT&T-13STATE.

2.3 AT&T-13STATE may limit the number of service orders that can be coordinated based on workload and resources available. AT&T shall approve CHC requests on a non-discriminatory basis, by requesting carrier, and on a first come, first served basis.

2.4 The AT&T-13STATE reserves the right to suspend the availability of CHC Service during unanticipated heavy workload/activity periods. Heavy workload includes any unanticipated volume of work that impacts the AT&T-13STATE's ability to provide its baseline service. Where time permits, the AT&T-13STATE will make every effort to notify CLEC when such unanticipated activities occur.

3. CHC PRICING

3.1 CHC is a time sensitive labor operation. Total charges are determined by a number of factors including the volume of lines, day of the week, and the time of day requested for the cut over.

3.2 When CLEC orders CHC service, AT&T-13STATE shall charge and CLEC agrees to pay for CHC service at the "additional labor" or "Time and Material" rates set forth in the following applicable Tariffs or Appendix Pricing, Schedule of Prices:

3.2.1 AT&T MIDWEST REGION 5-STATE - FCC No. 2 Access Services Tariff, Section 13.2.6 (c)[1]

3.2.2 AT&T NEVADA – PUCN, Section C13A, 13.2.6(c)

3.2.3 AT&T CALIFORNIA – Access Tariff 175-T, Section 13.2.6(c)

3.2.4 AT&T SOUTHWEST REGION 5-STATE – Appendix Pricing, Schedule of Prices, "Time and Materials Charges"

3.2.5 AT&T CONNECTICUT – Connecticut Access Service Tariff, Section 18.1(3)

3.3 In the event the AT&T-13STATE fails to meet a CHC Service commitment for reasons within the control of AT&T-13STATE, AT&T will not charge CLEC a CHC Service charge. However, in the event AT&T misses a CHC Service commitment due to CLEC, its agent or end user reasons, the Coordinated Hot Cut (CHC) Service charge will still apply. For example, if CLEC requests any change to an order with CHC Service including, but not limited to, AT&T-13STATE's inability to gain access to CLEC's end user's premises within thirty (30) minutes of the scheduled time and AT&T-13STATE requested that CLEC contact the end user, or CLEC/end user is not ready to proceed with the order within thirty (30) minutes of the scheduled time, the CHC charge will apply and AT&T-13STATE is no longer obligated to ensure a CHC is on that order.

[1] AT&T-13STATE will not charge the additional labor rate in a particular state in the AT&T MIDWEST 5-STATE region until the effective non-recurring dockets: IL - 98-0396, IN - Cause 40611-S1, MI - U-11831, OH - 96-922-TP-UNC, and WI - 6720-TI-120, are superceded by that state's commission order approving new non-recurring Lawful UNE rates.

APPENDIX
PHYSICAL COLLOCATION

TABLE OF CONTENTS

1. INTRODUCTION..... 3
2. DEFINITIONS..... 4
3. LIMITATION OF LIABILITY AND FORCE MAJEURE EVENTS..... 6
4. RESPONSIBILITIES OF AT&T-13STATE.....7
5. OBLIGATIONS OF THE COLLOCATOR..... 8
6. ORDERING AND PROVISIONNG..... 11
7. USE BY OTHER LOCAL SERVICE PROVIDERS..... 25
8. FIBER OPTIC CABLE DEMARCATION POINT..... 26
9. USE OF DEDICATED SPACE..... 26
10. STANDARDS..... 29
11. RE-ENTRY..... 30
12. INDEMNIFICATION OF AT&T-13STATE..... 31
13. SERVICES AND MAINTENANCE..... 31
14. AT&T-13STATE's RIGHT OF ACCESS..... 31
15. GENERAL..... 32
16. PREPARATION CHARGES..... 32
17. CHARGES..... 33
18. REGENERATION..... 34
19. RATE REGULATIONS..... 34
20. COMPLETE SPACE DISCONTINUANCE, SPACE REASSIGNMENT, POWER REDUCTION AND INTERCONNECTION TERMINATION REDUCTION 46
21. RATES AND CHARGES – ILEC PRICING SCHEDULE..... 54
22. CDOW (CLEC DOING OWN WORK) – COLLOCATOR RESPONSIBILITIES..... 54

APPENDIX PHYSICAL COLLOCATION

1. INTRODUCTION

AT&T-13STATE will provide Physical Collocation arrangements at the rates, terms and conditions set forth below.

1.1 Process

This Appendix provides for the placing of Collocator telecommunications equipment and facilities on AT&T-13STATE property for the purposes set forth in Section 1.3, following.

1.2 Scope

Physical Collocation provides actual space (hereinafter referred to as Dedicated Space) within AT&T-13STATE Eligible Structure as defined in Section 2, Definitions, following. The Collocator will lease the Dedicated Space from AT&T-13STATE and install certain of its own telecommunications equipment within the Dedicated Space that is necessary for the purposes set forth in Section 1.3, following. AT&T-13STATE will provide caged, shared caged, cageless, and other Physical Collocation arrangements within its Eligible Structures. When space is Legitimately Exhausted inside an Eligible Structure, AT&T-13STATE will permit collocation in Adjacent Structures located on AT&T-13STATE's property in accordance with this Appendix so that Collocator will have a variety of collocation options from which to choose.

1.3 Purpose

Physical Collocation is available to telecommunications carriers for the placement of telecommunications equipment as provided for in this Appendix solely for the purposes of (i) transmitting and routing Telephone Exchange service or Exchange Access pursuant to 47 U.S.C. § 251(c)(2) of the Act and the transmitting and routing of telecommunictions services pursuant to applicable effective FCC regulations and judicial rulings, or (ii) obtaining access to AT&T-13STATE's Lawful Unbundled Network Elements (Lawful UNEs) pursuant to 47 U.S.C. § 251(c)(3) of the Act and lawful and effective FCC rules and associated lawful and effective FCC and judicial orders. The terms "Telephone Exchange Service", "Exchange Access" and "Network Element" are used as defined in 47 U.S.C. § 153(47), 47 U.S.C. § 153(16), and 47 U.S.C. § 153(29) of the Act, respectively.

1.4 The Parties intend that this Appendix contain the sole and exclusive terms and conditions by which telecommunications carrier will obtain Physical Collocation from AT&T-13STATE pursuant to 47 U.S.C. § 251(c)(6). Except as may be specifically permitted by this Appendix, and then only to the extent permitted, telecommunications carrier and its affiliated entities hereby fully and irrevocably waive any right or ability any of them might have to purchase Physical Collocation directly from any AT&T-13STATE tariff, and agree not to so purchase or attempt to so purchase from any AT&T-13STATE tariff that provides for 251(c)(6) Physical Collocation. Without affecting the application or interpretation of any other provisions regarding waiver, estoppel, laches, or similar concepts in other situations, the failure of AT&T-13STATE to enforce the foregoing (including if AT&T-13STATE fails to reject or otherwise block applications for, or provides or continues to provide, 251(c)(6) Physical Collocation under tariff to telecommunications carrier or any of its affiliated entities) shall not act as a waiver of any part of this Section, and estoppel, laches, or other similar concepts shall not act to affect any rights or requirements hereunder. At its option, AT&T-13STATE may either reject any application or order for 251(c)(6) Physical Collocation submitted under tariff, or without the need for any further contact with or consent from telecommunications carrier, AT&T-13STATE may process any order for any 251(c)(6) Physical Collocation submitted under tariff, as being submitted under this Appendix and, further, may convert any 251(c)(6) Physical Collocation provided under tariff, to this Appendix, effective as of the later in time of the (i) Effective Date of this Agreement, or (ii) the submission of the order by telecommunications carrier.

2. DEFINITIONS

2.1 Act - "Act" means the Communications Act of 1934 [47 U.S.C. 153(R)], as amended by the Telecommunications Act of 1996, Public Law 104-104, 110 Stat. 56 (1996) codified throughout 47 U.S.C.

2.2 Active Collocation Space – Denotes the space within an Eligible Structure that can be designated for Physical Collocation which has sufficient telecommunications infrastructure systems, including power. Space within CEVs, huts and cabinets and similar Eligible Structures that can be designated for Physical Collocation is considered to be Active Collocation Space.

2.3 Adjacent Off-site Arrangement – Where Physical Collocation space within AT&T-13STATE Eligible Structure is Legitimately Exhausted, and the Collocator's Adjacent On-site space is not within 50 ft. of the Eligible Structure's outside perimeter wall, the Collocator has the option and AT&T-13STATE shall permit an Adjacent Structure Off-site Arrangement, to the extent technically feasible. The Adjacent Off-site Arrangement is available if the Collocator's site is located on a property that is contiguous to or within one standard city block of AT&T-13STATE's Central Office or Eligible Structure.

2.3.1 Such arrangement shall be used for interconnection or access to Lawful UNEs. When the Collocator elects to utilize an Adjacent Off-site Arrangement, the Collocator shall provide both the AC and DC power required to operate such facility. The Collocator may provide its own facilities to AT&T-13STATE's premises or to a mutually agreeable meet point from its Adjacent Off-site location for interconnection purposes. The Collocator may subscribe to facilities available in the UNE rate schedule of the Collocator's Agreement. The rates established in this Appendix for Adjacent Off-site Arrangement apply only if Collocator's Adjacent off-site Arrangement is located on a property that is contiguous to or within one standard city block of AT&T-13STATE's Central Office or Eligible Structure.

2.3.2 At the time the Collocator requests this arrangement, the Collocator must provide information as to the location of the Adjacent Off-site facility, the proposed method of interconnection, and the time frame needed to complete provisioning of the arrangement. AT&T-13STATE shall provide a response to Collocator within ten (10) days of receipt of the application, including a price quote, provisioning interval, and confirmation of the manner in which the Adjacent Off-site Facility will be interconnected with AT&T-13STATE's facilities. AT&T-13STATE shall make best efforts to meet the time intervals requested by Collocator and, if it cannot meet the Collocator's proposed deadline, shall provide detailed reasons, as well as proposed provisioning intervals.

2.3.3 In the event that interior space in an Eligible Structure becomes available, AT&T-13STATE will provide the option to the Collocator to relocate its equipment from an Adjacent or an Adjacent Off-site Facility into the interior space. In the event the Collocator chooses to relocate its equipment into the interior space, appropriate charges applicable for collocation within the Eligible Structure will apply.

2.4 Adjacent Structure - A Collocator-provided structure placed on AT&T-13STATE property (Adjacent On-site) or non-Company property (Adjacent Off-site) adjacent to an Eligible Structure. This arrangement is only permitted when space is legitimately exhausted inside the Eligible Structure and to the extent technically feasible. AT&T-13STATE and telecommunications carrier will mutually agree on the location of the designated space on AT&T-13STATE premises where the adjacent structure will be placed. AT&T-13STATE will not unreasonably withhold agreement as to the site desired by Collocator.

2.5 Augment - A request from a Collocator to add equipment and/or cable to an existing Physical Collocation arrangement.

2.6 Custom Work Charge – Denotes the charge(s) developed solely to meet the construction requirements of the Collocator, (e.g., painting a cage). Custom work may not be charged to Collocator for any work performed which will benefit or be used by AT&T-13STATE or other collocators. AT&T-13STATE also may not impose a Custom Work Charge without the Collocator's approval and agreement that the custom work is not included in the provision of collocation as provided for in the rate elements contained in this Appendix. In the event an agreement between the Collocator and AT&T-13STATE is not reached

regarding the Custom Work Charge, AT&T-13STATE shall complete construction of the Collocator's space pending resolution of the issue by the the appropriate Commission and the Collocator may withhold payment for the disputed charges while the issue remains unresolved; however, any disputed Custom Work Charges paid by the Collocator or owed to AT&T-13STATE shall accrue interest at the rate established by the appropriate Commission. All Custom Work Charges that are approved by the the appropriate Commission will be the basis for calculating a refund to a Collocator that has overpaid or the amount due to AT&T-13STATE that was not paid or underpaid. These overpaid or underpaid amounts will accrue at the above-stated interest rate on a monthly basis from the date of completion of the work or the date of payment of the disputed amount, as appropriate. In the event that the requested work will benefit all or most collocators, such work shall not be considered custom work; instead, AT&T-13STATE shall file the appropriate interconnection agreement amendment. However, AT&T-13STATE shall not delay completion of such work during the agreement approval process. AT&T-13STATE shall perform such work based upon provisional rates, subject to true up.

2.7 Day – For purposes of application and/or installation intervals, "day" denotes calendar days unless otherwise specified. However, any time period equal to or less than five days, day denotes business day.

2.8 Dedicated Space - Denotes the space dedicated for the Collocator's Physical Collocation arrangement located in AT&T-13STATE Eligible Structure.

2.9 Eligible Structure - Eligible Structure refers to AT&T-13STATE's premises, including but not limited to Central Offices and serving wire centers, as well as all buildings or similar structures owned or leased by AT&T-13STATE that house its network facilities, and all structures that house AT&T-13STATE's facilities on public rights-of-way, including but not limited to vaults containing loop concentrators or similar structures, where technically feasible.

2.10 Infrastructure Systems - The structural components, such as floors capable of supporting equipment loads, heating, ventilating and air conditioning (HVAC) systems, electrical systems, power, high efficiency filtration, humidity controls, remote alarms, compartmentation, fire suppression systems and smoke purge.

2.11 Installation Supplier - Suppliers/vendors that are approved to perform central office installation work for AT&T and for CLEC in AT&T Eligible Structures in all collocation footprints areas and/orAT&T common areas in the technologies and georgraphical locations for which they are approved AT&T.

2.12 Legitimately Exhausted – Denotes when all space in a Central Office (CO) or other Eligible Structure that can be used to locate telecommunications equipment in any of the methods of collocation available under this Appendix is exhausted or completely occupied. Before AT&T-13STATE may make a determination that space in an Eligible Structure is legitimately exhausted, AT&T-13STATE must have removed all unused obsolete equipment from the Eligible Structure and made such space available for collocation; however, removal of the equipment shall not cause a delay in AT&T-13STATE's response to a Collocator's application or in provisioning collocation arrangements. The determination of exhaustion is subject to dispute resolution as provided in Section 6.2 of this Appendix. In making this determination, AT&T-13STATE may reserve space for transport equipment for current year plus two years. Additionally, AT&T-13STATE may not reserve space for equipment for itself, or advanced or interLATA services affiliates or other affiliates of AT&T-13STATE or for future use by AT&T-13STATE or its affiliates under conditions that are more favorable than those that apply to other telecommunications carriers seeking to reserve collocation space for their own use. AT&T-13STATE may reserve space for Switching, Power, Main Distribution Frame (MDF), and Digital Crossconnect System (DCS) up to anticipated customer growth over a 10-year life expectancy of the ultimate footprint of the equipment.

2.13 Other (Inactive) Collocation Space - Denotes the space within the Central Office that can be designated for Physical Collocation where infrastructure systems do not currently exist and must be constructed. The designation of Other (Inactive) Collocation Space is applicable to space within Central

Offices only; other Eligible Structures such as CEVs, Huts, and Vaults are considered Active Collocation Space for purposes of this Appendix.

2.14 Preparation Charges - Denotes those charges associated with the initial preparation of the Collocator's Dedicated Space.

2.15 Technically Feasible - A collocation arrangement is technically feasible if, in accordance with either national standards or industry practice, there is no significant technical impediment to its establishment. A rebuttable presumption that a collocation arrangement is technically feasible shall arise if the arrangement has been deployed by any incumbent local exchange carrier in the country.

2.16 Telecommunications Infrastructure Space – Denotes the square footage or linear footage of space, including common areas, used to house telecommunications infrastructure equipment necessary to support collocation space used for interconnection with or access to Lawful UNEs of AT&T-13STATE's network.

3. LIMITATION OF LIABILITY AND FORCE MAJEURE EVENTS

3.1 Limitation of Liability

3.1.1 With respect to any claim or suit for damages arising in connection with the mistakes, omissions, interruptions, delays or errors, or defects in transmission occurring either in the course of furnishing service pursuant to the Agreement, the liability of either AT&T-13STATE or the Collocator, if any, shall not exceed an amount equivalent to the proportionate monthly charge to the Collocator for the period during which such mistake, omission, interruption, delay, error, or defect in transmission or service occurs and continues.

3.1.2 Neither AT&T-13STATE nor the Collocator shall be responsible to the other for any indirect, special, consequential, lost profit, exemplary or punitive damages, whether in contract or tort.

3.1.3 Both AT&T-13STATE and the Collocator shall be indemnified and held harmless by the other against claims and damages by any third Party arising from provision of the other ones' services or equipment except those claims and damages directly associated with the provision of services to each other which are governed by the provisioning Party's applicable agreements and/or tariffs.

3.1.4 The liability of either AT&T-13STATE or the Collocator for its willful misconduct or gross negligence is not limited by this Appendix.

3.2 Third Parties

3.2.1 AT&T-13STATE also may provide space in or access to the Eligible Structure to other persons or entities ("Others"), which may include competitors of the Collocator's; that such space may be close to the Dedicated Space, possibly including space adjacent to the Dedicated Space and/or with access to the outside of the Dedicated Space within the collocation area; and that if caged, the cage around the Dedicated Space is a permeable boundary that will not prevent the Others from observing or even damaging the Collocator's equipment and facilities.

3.2.2 In addition to any other applicable limitation, neither AT&T-13STATE nor the Collocator shall have any liability with respect to any act or omission by any Other, regardless of the degree of culpability of any Other, except in instances involving gross negligence or willful actions by either AT&T-13STATE or the Collocator or its agents or employees.

3.3 Force Majeure Events

3.3.1 AT&T-13STATE shall not be responsible for delays or failures in performance under this Appendix resulting from acts or occurrences beyond the reasonable control of SCB-13STATE including acts of nature, acts of civil or military authority, any law, order, regulation, ordinance of any government or legal body, embargoes, epidemics, terrorists acts, riots, insurrections, fires, explosions, earthquakes, nuclear accidents, floods, work stoppages, power blackouts, volcanic

action, other major environmental disturbance or the inability to secure products or services of other persons or transportation facilities or acts or omissions of transportation carriers.

4. RESPONSIBILITIES OF AT&T-13STATE

4.1 Right to Use; Multiple Dedicated Spaces

4.1.1 In accordance with this Appendix, AT&T-13STATE grants to the Collocator the right to use a Dedicated Space. Each Dedicated Space within an Eligible Structure will be considered a single Dedicated Space for the application of rates according to this Appendix.

4.2 Contact Numbers

4.2.1 AT&T-13STATE is responsible for providing the Collocator personnel a contact number for AT&T-13STATE technical personnel who are readily accessible twenty-four (24) hours a day, seven (7) days a week. In addition, for all activities requiring verbal and written notification per this Appendix, the Parties will provide the contact numbers included in the application process. Notwithstanding the requirements for contact numbers, the Collocator will have access to its collocated equipment in the Eligible Structure twenty-four (24) hours a day, seven (7) days a week and AT&T-13STATE will not delay a Collocator's entry into an Eligible Structure.

4.3 Trouble Status Reports

4.3.1 AT&T-13STATE is responsible for making best efforts to provide prompt verbal notification to the Collocator of significant outages or operations problems which could impact or degrade the Collocator's network, switches or services, with an estimated clearing time for restoral. In addition, AT&T-13STATE will provide written notification within twenty-four (24) hours. When trouble has been identified, AT&T-13STATE is responsible for providing trouble status reports, consistent with Section 5.3 of this Appendix, when requested by the Collocator.

4.4 Service Coordination

4.4.1 AT&T-13STATE is responsible for coordinating with the Collocator to ensure that services are installed in accordance with the service request.

4.5 Casualty Loss

4.5.1 Damage to Dedicated Space

4.5.1.1 If the Dedicated Space is damaged by fire or other casualty that is not the result of the Collocator's actions, and (1) the Dedicated Space is not rendered untenantable in whole or in part, AT&T-13STATE shall repair the same at its expense (as hereafter limited) and the monthly charge shall not be abated, or (2) the Dedicated Space is rendered untenantable in whole or in part and such damage or destruction can be repaired within ninety (90) business days, AT&T-13STATE has the option to repair the Dedicated Space at its expense (as hereafter limited) and the monthly charges shall be proportionately abated while the Collocator was deprived of the use. If the Dedicated Space cannot be repaired within ninety (90) business days, or AT&T-13STATE opts not to rebuild, then AT&T-13STATE shall notify the Collocator within thirty (30) business days following such occurrence that the Collocator's use of the Dedicated Space will terminate as of the date of such damage. Upon the Collocator's election, AT&T-13STATE must provide to the Collocator, a comparable substitute collocation arrangement at another mutually agreeable location at the applicable nonrecurring charges for that arrangement and location.

4.5.1.2 Any obligation on the part of AT&T-13STATE to repair the Dedicated Space shall be limited to repairing, restoring and rebuilding the Dedicated Space as prepared for the Collocator by AT&T-13STATE.

4.5.2 Damage to Eligible Structure

4.5.2.1 In the event that the Eligible Structure in which the Dedicated Space is located shall be so damaged by fire or other casualty that closing, demolition or substantial alteration or reconstruction thereof shall, in AT&T-13STATE's opinion be advisable, then, notwithstanding that the Dedicated Space may be unaffected thereby, AT&T-13STATE, at its option, may terminate services provided via this Appendix by giving the Collocator ten (10) business days prior written notice within thirty (30) business days following the date of such occurrence, if at all possible. Upon the Collocator's election, AT&T-13STATE must provide to the Collocator, on a timely basis, a comparable substitute collocation arrangement at another mutually agreeable location at the applicable nonrecurring charges for that arrangement and location.

4.6 Construction Notification

4.6.1 AT&T-13STATE will notify the Collocator prior to the scheduled start dates of all major construction activities (including power additions or modifications) in the general area of the Collocator's Dedicated Space with potential to disrupt the Collocator's services. AT&T-13STATE will provide such notification to the Collocator at least twenty (20) business days before the scheduled start date of such major construction activity. AT&T-13STATE will inform the Collocator as soon as practicable by telephone of all emergency-related activities that AT&T-13STATE or its subcontractors are performing in the general area of the Collocator's Dedicated Space, or in the general area of the AC and DC power plants which support the Collocator's equipment. If possible, notification of any emergency-related activity will be made immediately prior to the start of the activity so that the Collocator may take reasonable actions necessary to protect the Collocator's Dedicated Space.

4.7 Construction Inspections

4.7.1 During the construction of all forms of Physical Collocation space required under this Appendix, Collocator shall be permitted up to four (4) inspections during the construction in an Eligible Structure during normal business hours with a minimum of two (2) hours advance notification. If the construction interval is extended beyond the agreed upon interval, Collocator will be granted two (2) additional visits per thirty (30) day extension. Requests for construction inspections shall be given to the contact number as specified in Section 4.2 of this Appendix. If any local travel expenses are incurred, the Collocator will be charged for the time AT&T-13STATE's employees spend traveling and will be based on fifteen (15) minute increments.

5. OBLIGATIONS OF THE COLLOCATOR

5.1 Certification

5.1.1 The Collocator requesting Physical Collocation is responsible for obtaining any necessary certifications or approvals from the Commission prior to provisioning of telecommunications service by using the Physical Collocation space. AT&T-13STATE shall not refuse to process an application for collocation space and shall not refuse to provision the collocation space submitted by a telecommunications carrier while that telecommunications carrier's state certification is pending or prior to a final approved interconnection agreement.

5.2 Contact Numbers

5.2.1 The Collocator is responsible for providing to AT&T-13STATE personnel a contact number for Collocator technical personnel who are readily accessible 24 hours a day, 7 days a week. In addition, for all activities requiring verbal and written notification per this Appendix, the Parties will provide the contact numbers included in the application process.

5.3 Trouble Report

5.3.1 The Collocator is responsible for making best efforts to provide prompt verbal notification to AT&T-13STATE of significant outages or operations problems which could impact or degrade AT&T-13STATE's network, switches or services, with an estimated clearing time for restoral. In addition, Collocator will provide written notification within 24 hours. When trouble has been identified, Collocator is responsible for providing trouble status reports, consistent with Section 4.3 of this Appendix, when requested by AT&T-13STATE.

5.4 Removal

5.4.1 The Collocator is responsible for removing any equipment, property or other items that it brings into the Dedicated Space or any other part of the Eligible Structure in which the Dedicated Space is located within thirty (30) business days after discontinuance or termination of the Physical Collocation arrangement. Provided, however, that if removal has begun but will not be completed within the initial thirty (30) business days, Collocator may, upon written notice to AT&T-13STATE, may request an additional thirty (30) calendar days to complete the removal. After such time, AT&T-13STATE may remove the abandoned materials and the Collocator is responsible for payment of any and all claims, expenses, fees or other costs associated with any such removal by AT&T-13STATE, including any materials used in the removal and the time spent on such removal, at the hourly rate for custom work. The Collocator will hold AT&T-13STATE harmless from the failure to return any such equipment, property or other items.

5.5 Hazardous Waste and Materials

5.5.1 The Collocator and its vendors shall adhere to all federal, state and local regulations regarding hazardous material/waste. In addition, the telecommunications carrier's Installation Supplier shall adhere to all AT&T-13STATE requirements. The Installation Supplier shall coordinate with the AT&T-13STATE representative before any activity relating to hazardous material/waste is started. Interconnector's Guide for Collocation may be accessed via https://clec.att.com/clec, Products and Services, Collocation Services, Handbook 13State, Appendix B.

5.6 Safety

5.6.1 The Installation Supplier shall be entirely responsible for the safety and instruction of its employees or representatives. The Installation Supplier shall take precautions to avoid harm to personnel, equipment, and building (e.g., cutting installed threaded rod) of AT&T-13STATE or other telecommunications carriers. The Installation Supplier shall immediately report to the AT&T-13STATE representative any accident, outside agency inspection or hazardous condition, such as any accident or injury that occurs to employees or subcontractors of the Installation Supplier while on AT&T-13STATE premises or any OSHA inspection or citations issued to the Installation Supplier while on AT&T-13STATE premises. (Refer to Interconnector's Guide for Collocation for further details.)

5.7 Collocator's Equipment and Facilities

5.7.1 The Collocator is solely responsible for the design, engineering, testing, performance and maintenance of the telecommunications equipment and facilities used in the Dedicated Space. The Collocator will be responsible for servicing, supplying, repairing, installing and maintaining the following within the Dedicated Space or optional Point of Termination (POT) frame located in the common area:

5.7.1.1 its fiber optic cable(s) or other permitted transmission media as specified in Section 8.1;

5.7.1.2 its equipment;

5.7.1.3 required point of termination cross connects in the Dedicated Space or the optional POT Frame/Cabinet located in the Common Area;

5.7.1.4 POT frame maintenance, including replacement power fuses and circuit breaker restoration, to the extent that such fuses and circuit breakers are within the Dedicated Space or in the optional POT Frame/Cabinet located in the Common Area and accessible by the Collocator and only if and as required; and

5.7.1.5 the connection cable and associated equipment which may be required within the Dedicated Space(s) or in the optional POT Frame/Cabinet located in the Common Area to the point(s) of termination.

5.7.2 AT&T-13STATE neither accepts nor assumes any responsibility whatsoever in any of the areas so designated in this Section.

5.8 Insurance

5.8.1 Coverage Requirements

5.8.1.1 The Collocator agrees to maintain, at all times, the following minimum insurance coverage and limits and any additional insurance and/or bonds required by law as stated in General Terms & Conditions, Section 4:

5.8.1.1.1 All Risk Property coverage on a full replacement cost basis insuring all of Collocator's personal property situated on or within the Eligible Structure or the Dedicated Space. Collocator releases AT&T-13STATE from and waives any and all right of recovery, claim, action or cause of action against AT&T-13STATE, its agents, directors, officers, employees, independent contractors, and other representatives for any loss or damage that may occur to equipment or any other personal property belonging to Collocator or located on or in the space at the request of Collocator when such loss or damage is by reason of fire or water or the elements or any other risks that would customarily be included in a standard all risk casualty insurance policy covering such property, regardless of cause or origin, including negligence of AT&T-13STATE, its agents, directors, officers, employees, independent contractors, and other representatives.

5.8.1.1.2 Property insurance on Collocator's fixtures and other personal property shall contain a waiver of subrogation against AT&T-13STATE, and any rights of Collocator against AT&T-13STATE for damage to Collocator's fixtures or personal property are hereby waived. Collocator may also elect to purchase business interruption and contingent business interruption insurance, knowing that AT&T-13STATE has no liability for loss of profit or revenues should an interruption of service occur that is attributable to any Physical Collocation arrangement provided under this Appendix.

5.8.1.1.3 AT&T-13STATE requires that companies affording insurance coverage have a B+ VII or better rating, as rated in the A.M. Best Key rating Guide for Property and Casualty Insurance Companies.

A certificate of insurance stating the types of insurance and policy limits provided the Collocator must be received prior to commencement of any work. The insurance provisions and requirements are reciprocal to AT&T-13STATE as well. If a certificate is not received, AT&T-13STATE will notify the Collocator, and the Collocator will have five (5) business days to cure the deficiency. If the Collocator does not cure the deficiency within five (5) business days, Collocator hereby authorizes AT&T-13STATE, and AT&T-13STATE may, but is not required to, obtain insurance on behalf of the Collocator as specified herein. AT&T-13STATE will invoice Collocator for the costs incurred to so acquire insurance.

5.8.1.1.3.1 The cancellation clause on the certificate of insurance will be amended to read as follows:

"SHOULD ANY OF THE ABOVE-DESCRIBED POLICIES BE CANCELLED OR MATERIALLY CHANGED, THE ISSUING COMPANY WILL MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER."

5.8.1.2 The Collocator shall also require all contractors who may enter the Eligible Structure to maintain the same insurance requirements listed above.

6. ORDERING AND PROVISIONING

6.1 Dedicated Space

6.1.1 Types of Available Physical Collocation Arrangements

AT&T-13STATE will make each of the arrangements outlined below available within its Eligible Structures in accordance with this Appendix so that Collocator will have a variety of collocation options from which to choose:

6.1.1.1 Caged Physical Collocation - The Caged Collocation option provides the Collocator with an individual enclosure (not including a top). This enclosure is an area designated by AT&T-13STATE within an Eligible Structure to be used by the Collocator for the sole purpose of installing, maintaining and operating the Collocator-provided equipment.

6.1.1.1.1 AT&T-13STATE will provide floor space, floor space site conditioning, cage common systems materials, cage preparation, and safety and security charges in increments of one (1) square foot. For this reason, Collocator will be able to order space and a cage enclosure in amounts as small as that sufficient to house and maintain a single rack or bay of equipment, (i.e., 50 square feet of cage space for a single bay) and will ensure that the first collocator in a AT&T-13STATE premises will not be responsible for the entire cost of site preparation and security. Rates and charges are as found in Section 20 following.

6.1.1.1.2 When Collocator constructs its own cage and related equipment, the Collocator will not be subject to the Cage Preparation Charges as set forth in Section 20 following.

6.1.1.1.3 The Collocator must comply with all methods, procedures and guidelines followed by AT&T-13STATE in constructing such an arrangement. The Collocator may provide a cage enclosure (which shall not include a top), cable rack and support structure inside the cage, lighting, receptacles, cage grounding, cage sign and door key set. In addition, terms and conditions for contractors performing cage construction activities as set forth in Section 16 following will apply. If the Collocator elects to install or requests that AT&T-13STATE provide and install a point of termination (POT) frame in the dedicated collocation area rather than inside its cage, the floor space rate for Cageless Collocation found in Section 21.3 following applies.

6.1.1.2 Caged Shared Collocation - AT&T-13STATE will provide Caged Shared Collocation as set forth in Section 7 following, "Use by Other Local Service Providers." Two or more collocators may initially apply at the same time to share a Caged Collocation space as set forth in Section 7.1following. Charges to each collocator will be based upon the percentage of total space utilized by each collocator.

6.1.1.3 Caged Common Collocation – AT&T-13STATE will provide Caged Common Collocation as set forth in Section 7.1.1 following.

6.1.1.4 Cageless Collocation - AT&T-13STATE will provide Cageless Collocation in any collocation space that is supported by the existing telecommunications infrastructure (Active Collocation Space), or in the event that all such space is exhausted or completely occupied, will provide in any collocation space that requires additional telecommunications infrastructure (Other (Inactive) Collocation Space), as further defined in Section 2 of this Appendix. Under this arrangement, AT&T-13STATE will provide space in single bay increments, including available space adjacent to or next to AT&T-13STATE's equipment. Collocator will have direct access to its equipment twenty-four (24) hours a day, seven (7) days a week without need for a security escort. AT&T-13STATE will not require Collocator to use an intermediate interconnection arrangement such as a POT frame. AT&T-13STATE may take reasonable steps to protect its own equipment as provided in Section 6.1.2 of this Appendix. Accordingly, AT&T-13STATE will not provide Collocator's personnel or agents with direct access to AT&T-13STATE's main distribution frame.

6.1.1.5 Adjacent Space Collocation – Where Physical Collocation space within AT&T-13STATE Eligible Structure is Legitimately Exhausted, as that term is defined in Section 2 of this Appendix, AT&T-13STATE will permit Collocator to physically collocate on AT&T-13STATE's property in adjacent controlled environmental vaults or similar structures that AT&T-13STATE uses to house telecommunication equipment, to the extent technically feasible. AT&T-13STATE and telecommunications carrier will mutually agree on the location of the designated space on AT&T-13STATE premises where the adjacent structure will be placed. AT&T-13STATE will not unreasonably withhold agreement as to the site desired by Collocator. Safety and maintenance requirements, zoning and other state and local regulations are all reasonable grounds to withhold agreement as to the site desired by the Collocator. AT&T-13STATE will offer the following increments of power to the Adjacent On-site structure: AT&T-13STATE will provide a standard offering of 100 AMPS of AC power to the adjacent structure when Central Office Switchboard AC capacity exists. AT&T-13STATE will provide DC power within two cable options that allow increments of 2-100 Amp Power Feeds, 2-200 Amp Power Feeds, 2-300 Amp Power Feeds, and 2-400 Amp Power Feeds to the adjacent structure from the Central Office Power source. At its option, the Collocator may choose to provide its own AC and DC power to the adjacent structure. AT&T-13STATE will provide Physical Collocation services to such adjacent structures, subject to the same requirements as other collocation arrangements in this Appendix. AT&T-13STATE shall permit Collocator to place its own equipment, including, but not limited to, copper cables, coaxial cables, fiber cables and telecommunications equipment, in adjacent facilities constructed by either AT&T-13STATE or the Collocator. Collocator shall be responsible for securing all required licenses and permits, the required site preparations and shall further retain responsibility for securing and/or constructing the adjacent structure and any building and site maintenance associated with the placement of such adjacent structure.

6.1.1.5.1 Where Physical Collocation space within AT&T-13STATE Eligible Structure is Legitimately Exhausted, and Collocator's Adjacent On-site space is not within 50 ft. of the Eligible Structure's outside perimeter wall, the Collocator has the option and AT&T-13STATE shall permit an Adjacent Structure Off-site Arrangement, to the extent technically feasible.

6.1.1.5.2 The Adjacent Off-site Arrangement is available if the Collocator's site is located on a property that is contiguous to or within one standard city block of the AT&T-13STATE Central Office or Eligible Structure. Such arrangement shall be used for interconnection and access to Lawful UNEs. When the Collocator elects to utilize an Adjacent Off-site Arrangement, the Collocator shall provide both the AC and DC power required to operate such facility. The Collocator may provide its own facilities to AT&T-13STATE's premises or to a mutually

agreeable meet point from its Adjacent Off-site location for interconnection purposes. The Collocator may subscribe to facilities available in the UNE rate schedule of the Collocator's Agreement.

6.1.1.5.3 At the time the Collocator requests this arrangement, the Collocator must provide information as to the location of the Adjacent Off-site facility, the proposed method of interconnection, and the time frame needed to complete provisioning of the arrangement. AT&T-13STATE shall provide a response to Collocator within ten (10) days of receipt of the application, including a price quote, provisioning interval, and confirmation of the manner in which the Adjacent Off-site Facility will be interconnected with AT&T-13STATE's facilities. AT&T-13STATE shall make best efforts to meet the time intervals requested by Collocator and, if it cannot meet the Collocator's proposed deadline, shall provide detailed reasons, as well as proposed provisioning intervals.

6.1.1.5.4 In the event that interior space in an Eligible Structure becomes available, AT&T-13STATE will provide the option to the Collocator to relocate its equipment from an Adjacent On-site or an Adjacent Off-site Facility into the interior space. In the event the Collocator chooses to relocate its equipment into the interior space, appropriate charges applicable for collocation within the Eligible Structure will apply.

6.1.1.6 AT&T-13STATE will provide other collocation arrangements that have been demonstrated to be technically feasible. Deployment by any incumbent LEC of a collocation arrangement gives rise to a rebuttable presumption in favor of a telecommunications carrier seeking collocation in AT&T-13STATE's Eligible Structures that such an arrangement is technically feasible.

6.1.2 Space Determination

6.1.2.1 As provided in Section 6.2 of this Appendix, AT&T-13STATE shall notify the Collocator in writing as to whether its request for Physical Collocation has been granted or denied within ten (10) calendar days of submission of the completed application.

6.1.3 Security

6.1.3.1 Protection of AT&T-13STATE's equipment is crucial to its ability to offer service to its customers and to the integrity of the entire network. Therefore, AT&T-13STATE may impose the following reasonable security measures on Collocator to assist in protecting its network and equipment from harm. AT&T-13STATE may impose security arrangements as stringent as the security arrangements AT&T-13STATE maintains at its own Eligible Structures either for its own employees or for authorized contractors. Except as provided by the FCC's Order released March 31, 1999, in CC Docket No. 98-147 (FCC 99-48), AT&T-13STATE will not impose more stringent security requirements than those referenced in this FCC Order. Stated differently, the incumbent will not impose discriminatory security requirements that result in increased collocation costs without the concomitant benefit of providing necessary protection of the incumbent's equipment. AT&T-13STATE will not use any information collected in the course of implementing or operating security arrangements for any marketing or other purpose in aid of competing with Collocator.

6.1.3.1.1 Collocator will conduct background checks of its personnel and technicians who will have access to the collocation space. Collocator technicians will be security-qualified by the Collocator and will be required to be knowledgeable of AT&T-13STATE security standards.

6.1.3.1.1.1 Collocator personnel and technicians will undergo the same level of security training or its equivalent that AT&T-13STATE's own

employees and authorized contractors must undergo. AT&T-13STATE will not, however, require Collocator to receive security training from AT&T-13STATE, but will provide information to Collocator on the specific type of training required.

6.1.3.1.1.2 Collocator can then provide its employees with its own security training. Qualification program and security training details shall be included in AT&T-13STATE's Technical Publications via https://clec.att.com/clec.

6.1.3.1.2 Collocator and AT&T-13STATE will each establish disciplinary procedures up to and including dismissal or denial of access to the Eligible Structure and other property of AT&T-13STATE for certain specified actions that damage, or place the equipment, facilities, or the network or personnel of the Collocator or AT&T-13STATE in jeopardy. The following are actions that could damage or place the Eligible Structure, or the network or the personnel of the Collocator or AT&T-13STATE in jeopardy and may justify disciplinary action up to and including dismissal or the denial of access to the Eligible Structure and other AT&T-13STATE property:

6.1.3.1.2.1 Theft or destruction of AT&T-13STATE's or Collocator's property;

6.1.3.1.2.2 Use/sale or attempted use/sale of alcohol or illegal drugs on AT&T-13STATE property;

6.1.3.1.2.3 Threats or violent acts against other persons on AT&T-13STATE property;

6.1.3.1.2.4 Knowing violations of any local, state or federal law on AT&T-13STATE property;

6.1.3.1.2.5 Permitting unauthorized persons access to AT&T-13STATE or Collocator's equipment on AT&T-13STATEY property; and

6.1.3.1.2.6 Carrying a weapon on AT&T-13STATE property.

In addition, Collocator and AT&T-13STATE will take appropriate disciplinary steps as determined by each Party to address any violations reported by AT&T-13STATE or the Collocator of AT&T-13STATE's policies and practices on security, safety, network reliability, and business conduct as defined in AT&T-13STATE's Interconnector's Collocation Services Handbook https://clec.att.com/clec for Physical Collocation in AT&T-13STATE, provided the Handbook and any and all updates to it are timely provided to Collocator at no charge.

6.1.3.1.3 Collocator will provide indemnification as set forth in Section 12 of this Appendix and insurance as set forth in Section 5.8 of this Appendix and General Terms & Conditions to cover any damages caused by the Collocator's technicians. The indemnification provisions and requirements are reciprocal to AT&T-13STATE as well.

6.1.3.1.4 AT&T-13STATE may use reasonable security measures to protect its equipment. In the event AT&T-13STATE elects to erect an interior security partition in a given Eligible Structure to separate its equipment, AT&T-13STATE may recover the costs of the partition in lieu of recovering the costs of other reasonable security measures if the partition costs are lower than the costs of any other reasonable security measure for such Eligible Structure. In no event shall the Collocator be required to pay for both an interior security partition to separate AT&T-13STATE's equipment in an Eligible Structure and any other reasonable security measure for such Eligible Structure.

6.1.3.1.4.1 AT&T-13STATE's construction of an interior security partition around its own equipment shall not interfere with a telecommunications carrier's access to its equipment, including equipment collocated directly adjacent to AT&T-13STATE's equipment. AT&T-13STATE's construction of an interior security partition around its own equipment shall not impede a telecommunications carrier's ability to collocate within AT&T-13STATE's space. To the extent that AT&T-13STATE is required to install additional security measures within its interior security partition because a telecommunications carrier has access to its own equipment within the area, such security measures shall be constructed and maintained at AT&T-13STATE's expense.

6.1.3.1.4.2 AT&T-13STATE's enclosure of its own equipment will not be a basis for a claim that space is Legitimately Exhausted, nor will it be a basis for a claim that Active Collocation Space is exhausted.

6.1.3.1.4.3 AT&T-13STATE's enclosure of its own equipment will not unreasonably increase a telecommunications carrier's cost nor shall it result in duplicative security costs. The cost of an interior security partition around AT&T-13STATE's equipment cannot include any embedded costs of any other security measures for the Eligible Structure.

6.1.3.1.4.4 If AT&T-13STATE chooses to enclose its own equipment, AT&T-13STATE will be entitled to recover the cost of the cage ONLY to the extent that the price of such construction is lower than that of other reasonable security measures.

6.1.3.1.4.5 AT&T-13STATE has the burden to demonstrate that the cost of security measures alternative to its partitioning of its own equipment is higher than the cost of enclosing its own equipment. If AT&T-13STATE cannot prove that other reasonable security methods cost more than an interior security partition around AT&T-13STATE's equipment, AT&T-13STATE cannot elect to erect an interior security partition in a given Eligible Structure to separate its equipment and then recover the cost from collocators.

6.1.3.1.4.6 If AT&T-13STATE elects to erect an interior security partition and recover the cost, it must demonstrate to the Collocator that other reasonable security methods cost more than an interior security partition around AT&T-13STATE's equipment at the time the price quote is given.

6.1.3.1.5 Collocator will have access to its physically collocated equipment twenty-four (24) hours a day, seven (7) days a week, without a security escort. AT&T-13STATE will not delay a Collocator's entry into an Eligible Structure or access to its collocated equipment. AT&T-13STATE will provide Collocator with reasonable access to restroom facilities and parking. Collocator will also have reasonable access to collocator's collocation space during construction.

6.1.4 Interval

6.1.4.1 AT&T-13STATE will provide Physical Collocation arrangements in Eligible Structures on a "first-come, first-served" basis. To apply for a Dedicated Space in a particular Eligible Structure, the Collocator will provide a completed Physical Collocation application form found in AT&T-13STATE's Interconnector's Collocation Services Handbook

https://clec.att.com/clec for Physical Collocation in AT&T-13STATE and will pay an initial Planning Fee (see Section 19. 2.1)

6.1.4.1.1 A Collocator wishing AT&T-13STATE to consider multiple methods for collocation in an Eligible Structure on a single application will need to include in each application a prioritized list of its preferred methods of collocating, e.g., caged, shared, cageless, or other, as well as adequate information, (e.g., specific layout requirements, cage size, number of bays, requirements relative to adjacent bays, etc.) for AT&T-13STATE to process the application for each of the preferred methods. If a Collocator provides adequate information and its preferences with its application, AT&T-13STATE would not require an additional application, nor would the Collocator be required to restart the quotation interval should its first choice not be available in an Eligible Structure. If Collocator only wishes AT&T-13STATE to consider one collocation method, it need not provide preferences and associated specific information for multiple methods. However, if AT&T-13STATE is unable to provide the Collocator's requested collocation method due to space constraints, the collocation application will be denied and the initial planning fee returned. If the Collocator determines that the alternative method of collocation meets their needs, the Collocator will be required to submit a new collocation application and pay an initial Planning Fee. Upon receipt of the Collocator's application and initial Planning Fee payment, AT&T-13STATE will begin development of the quotation. AT&T-13STATE will advise the Collocator of any known deficiencies in its collocation application within ten (10) calendar days (unless multiple applications are received; Section 6.1.5 will apply where multiple applications are received). AT&T-13STATE will allow the Collocator to retain its place in the collocation queue so long as the Collocator cures the deficiencies and resubmits the application within ten (10) calendar days after written notice of the deficiencies.

6.1.4.2 In responding to an application request, if space is available, AT&T-13STATE shall advise the Collocator that its request for Physical Collocation is granted, and confirm the applicable nonrecurring and recurring rates, and the provisioning interval. AT&T-13STATE will not select for Collocator the type of Physical Collocation to be ordered.

6.1.4.2.1 The Collocator has sixty-five (65) calendar days. After sixty-five (65) calendar days, a new application and Planning Fee are required. The Collocator has sixty-five (65) calendar days to remit a signed confirmation form along with a check for fifty percent (50%) of all the applicable non-recurring charges.

6.1.4.3 AT&T-13STATE will provide a reduced interval for Collocator with existing Physical Collocation space when it requests the following interconnection augments for that existing space. The Collocator must submit to AT&T-13STATE's Collocation Service Center (CSC) a complete and accurate application for a subsequent job. For a reduced build-out interval to apply, this application must include an up-front payment of the nonrecurring Planning Fee from the Collocation Rate Summary of this Appendix and fifty percent (50%) of nonrecurring charges. In addition, the application must include an accurate front equipment view (a.k.a. rack elevation drawing) specifying bay(s) for the Collocator's point of termination. Applications received with the up-front payment and meeting the criteria below will not require a quote.

6.1.4.3.1 A sixty (60) calendar day interval will apply only when the Collocator requests any of the following augments; 1) AT&T-13STATE will perform a cage expansion of 300 square feet or less immediately adjacent to Collocator's existing cage within the collocation area (where Overhead Iron/Racking exists) and as long as the collocation area does not have to be reconfigured and does

not involve HVAC work, 2) power cable additions to accommodate greater DC amperage requests within existing power panels, 3) direct cable pull within the same collocation area between one Collocator and another Collocator provided the Collocator is interconnected with AT&T-13STATE's network, 4) interconnection cable arrangements (where Overhead Iron/Racking are existing) limited up to and not more than the following quantities; 400 copper (shielded or nonshielded) cable pairs up to 400 feet, 168 DS1s, 48 DS3s, and fiber interconnections up to 12 fiber pairs up to 400 feet.

6.1.4.3.2 Other augments such as power requests that exceed current capacity ratings, additional bay spaces, AT&T-13STATE bays, AT&T-13STATE cable racks and/or cage expansions within Active Central Office space different than described above will require the Collocator to submit an inquiry for quote. The price quote will contain the charges and the construction interval for that application.

6.1.4.3.3 The construction interval for these other augments will not exceed ninety (90) days. AT&T-13STATE will work cooperatively with Collocator to negotiate a mutually agreeable construction interval for other augments not specifically provided for above.

6.1.4.3.4 The second fifty percent (50%) payment must be received by AT&T-13STATE no more than one week prior to the scheduled augment completion date. On the scheduled completion date, the Actual Point of Termination (APOT) Connections will be provided to the Collocator by AT&T-13STATE.

6.1.5 Application Quotation Interval for Physical Collocation

6.1.5.1 Should multiple applications be submitted by a Collocator within a ten (10) calendar day period, the following quotation intervals will apply:

Number of Applications by one Collocator	Quotation Interval
1 - 5	10 calendar days
6 - 10	15 calendar days
11 - 15	20 calendar days
16 - 20	25 calendar days

6.1.5.2 Should the Collocator submit 21 or more applications within ten (10) calendar days, the response interval will be increased by five (5) business days for every five (5) additional applications or fraction thereof.

6.1.5.3 The Collocator may obtain a shorter response interval than are set forth above by scheduling a meeting with AT&T-13STATE at least twenty (20) calendar days prior to submission of the first application to discuss, coordinate, and prioritize the Collocator's applications.

6.1.5.4 Any major revision to an application will be treated as a new application following the guidelines in Section 6.1.9 following and will be subject to the time intervals set forth above.

6.1.6 Caged, Caged Common Physical Collocation and Shared Caged Collocation Installation Interval

6.1.6.1 Dedicated Space for Caged Physical Collocation and Shared Caged Collocation is not reserved until the quotation is accepted.

6.1.6.2 Where space suitable for Central Office equipment (Active Central Office Space) is available, AT&T-13STATE will deliver Caged Physical or Shared Caged Collocation within ninety (90) calendar days from the completion of the application process (when the Collocator has remitted a signed confirmation form along with a check for 50% of all applicable non-recurring charges.) If the available space is not suitable for Central Office

equipment (Other Central Office Space) and must be converted to Active Central Office Space, thirty (30) calendar days will be added to the provisioning interval to allow for the conversion process to be completed.

6.1.6.3 Any material revision to a completed application will be treated as a new application following revision guidelines set forth in Section 6.1.9 following.

6.1.7 Cageless Physical Collocation Installation Interval

6.1.7.1 Dedicated space for Cageless Physical Collocation is not reserved until the quotation is accepted.

6.1.7.2 Where space suitable for Central Office equipment (Active Central Office Space) is available, AT&T-13STATE will deliver Cageless Physical Collocation within ninety (90) calendar days from the completion of the application process (when the Collocator has remitted a signed confirmation form along with a check for fifty percent (50%) of all applicable non-recurring charges.) If the available space is not suitable for Central Office equipment (Other Central Office Space) and must be converted to Active Central Office Space, thirty (30) calendar days will be added to the provisioning interval to allow for the conversion process to be completed.

6.1.7.3 Any material revision to a completed application will be treated as a new application following revision guidelines set forth in Section 6.1.9 following.

6.1.8 AT&T-13STATE will complete construction of Cageless Collocation in Eligible Structures such as CEVs, Huts and Vaults in ninety (90) days from the receipt of the Collocator's acceptance of the quotation along with a check for 50% of all applicable non-recurring charges where AT&T-13STATE will be installing all or some of the bays. These construction intervals for Cageless Collocation in Active Collocation Space in a CEV, HUT, or Cabinet Eligible Structure apply where the Collocator is requesting maximum DC power of 50AMPs, either in a single or in multiple feeds of 50 AMPs (maximum 50 AMPs per feed). For Cageless Collocation in Active Collocation Space in a CEV, Hut, or Cabinet Eligible Structure where a Collocator is requesting DC power greater than 50 AMPs (e.g., 100 AMPs) per feed, AT&T-13STATE will add thirty (30) calendar days to the provisioning interval.

6.1.9 Adjacent Space or Other Physical Collocation Arrangement Installation Intervals

6.1.9.1 Installation Intervals for Adjacent Space Collocation and Other Physical Collocation Arrangements as defined in Sections 6.1.1 (D) and (E) above will be reasonably related to the complexity of accommodating the requested arrangement.

6.1.10 Revisions

6.1.10.1 All revisions to an initial request for a Physical Collocation arrangement submitted by the Collocator must be in writing via a new application form. A new interval for the Physical Collocation arrangement will be established which shall not exceed the original "major" as defined herein. A major revision includes: adding telecommunications equipment that requires additional electrical power; changes in the configuration of the cage; an increase of ten percent (10%) or more of the square footage of the cage area requested; and adding design and engineering requirements above those which AT&T-13STATE normally deploys and practices (i.e., redundancy of certain mechanical and electrical systems). However, minor revisions will not require that a new interval be established. Examples of minor revisions include: adding bays of equipment that do not significantly impact the existing/proposed electrical systems; adding light fixtures and outlets which do not exceed the capacity of the existing/proposed electrical system; changes in the configuration of the cage which do not significantly impact the overall design of the space; and adjustments to the heat release projection which do not cause a change in the proposed/existing mechanical system. This list is not all-inclusive. The Collocator will be required to pay any applicable Planning Fees. No additional Planning Fees shall

be applicable if the revision is minor. All engineering design work that is determined not to be major is deemed to be minor.

6.2 Space Availability Determination and Resolution

6.2.1 In responding to an application request if space is not available, AT&T-13STATE will notify the Collocator that its application for Dedicated Space is denied due to the lack of space within ten (10) calendar days of AT&T-13STATE's receipt of a completed application.

6.2.1.1 The notification will also include a possible future space relief date, if applicable. At that time, any nonrecurring charges collected with the application, including the Planning Fee, will be returned to the Collocator.

6.2.1.2 AT&T-13STATE will file a copy of the notification letter denying the Collocator's request with the appropriate Commission. In the event of a denial, AT&T-13STATE will concurrently submit to both the appropriate Commission and the Collocator, in support of its denial, provided under seal and subject to proprietary protections: Central Office common language identifier, where applicable, the identity of the requesting Collocator, including amount of space requested by the Collocator, the total amount of space at the premises, floor plans documented as provided for in Section 3.8 of the Interconnector's Collocation Services Handbook https://clec.att.com/clec, identification of switch turnaround plans and other equipment removal plans and timelines, if any, Central Office rearrangement/expansion plans, if any , and description of other plans, if any, that may relieve space exhaustion.

6.2.1.3 In the event AT&T-13STATE denies a Collocator's request and the Collocator disputes the denial, the Collocator may request a tour of the Eligible Structure to verify space availability or the lack thereof. The request shall be submitted to AT&T-13STATE's designated representative in writing. The inspection tour shall be scheduled within five (5) business days of receipt of the written request for a tour and the tour shall be conducted within ten (10) calendar days of the request or some other mutually agreed on date.

6.2.1.4 Prior to the inspection tour, a "Reciprocal Non-disclosure Agreement" shall be signed by the designated Company representative and the designated agent for the Collocator, who will participate in the tour.

6.2.1.5 AT&T-13STATE will provide all relevant documentation to the Collocator agent including blueprints and plans for future facility expansions or enhancements, subject to executing the non-disclosure agreement. AT&T-13STATE's representative will accompany and supervise the Collocator agent on the inspection tour.

6.2.1.6 If the Collocator agent believes, based on the inspection tour of the Eligible Structure facilities, that the denial of Physical Collocation space is insupportable, the Collocator agent shall promptly so advise AT&T-13STATE. The Collocator and AT&T-13STATE shall then each concurrently prepare a report detailing its own findings of the inspection tour. The Collocator and AT&T-13STATE reports shall be concurrently served on each other and submitted to the appropriate Commission no later than forty-five (45) calendar days following the filing of the request for space. The burden of proof shall be on AT&T-13STATE to justify the basis for any denial of collocation requests.

6.2.2 AT&T-13STATE will submit to a requesting carrier a report indicating AT&T-13STATE's available collocation space in a particular AT&T-13STATE Eligible Structure upon request. This report will specify the amount of collocation space available at each requested Eligible Structure, the number of collocators, and any modifications in the use of the space since the last report. The report will also include measures that AT&T-13STATE is taking to make additional space available for collocation. The intervals for delivering the reports are as follows:

Number of Report Requests By One Collocator	Report Delivery Interval
1 - 5	10 Calendar Days
6 - 10	15 Calendar Days
11 - 15	20 Calendar Days
16 - 20	25 Calendar Days

6.2.2.1 Should the Collocator submit twenty-one (21) or more report requests within five (5) business days, the report delivery interval will be increased by five (5) business days for every five (5) additional report requests or fraction thereof.

6.2.2.2 AT&T-13STATE shall maintain a publicly available document for viewing on the Internet indicating its Eligible Structures, if any, that have no space available for Physical Collocation. AT&T-13STATE will update this document within ten (10) calendar days of the date at which an Eligible Structure runs out of Physical Collocation space. In addition, for Central Offices where collocators are currently located or applications for collocation are pending, if space availability information is readily available to AT&T-13STATE, such information will be placed on the website https://clec.att.com/clec. AT&T-13STATE will update the public document on the first day of each month to include all newly available information.

6.2.2.3 To the extent AT&T-13STATE has the information readily available, the public document should specify the amount of active and other (inactive) collocation space available at each Eligible Structure, the number of collocators, any modifications in the use of the space since the last update, and should also include measures that AT&T-13STATE is taking to make additional space available for collocation. In order to increase the amount of space available for collocation, AT&T-13STATE will remove obsolete unused equipment from its Eligible Structures that have no space available for Physical Collocation upon reasonable request by a Collocator or upon order of the appropriate Commission shall reserve space for switching, MDF and DCS to accommodate access line growth as outlined in Section 2 of this Appendix under the definition of the term "Legitimately Exhausted Space".

6.3 Relocation

6.3.1 When AT&T-13STATE determines because of zoning changes, condemnation, or government order or regulation that it is necessary for the Dedicated Space to be moved within an Eligible Structure to another Eligible Structure, from an adjacent space collocation structure to a different adjacent space collocation structure, or from an adjacent space collocation structure to an Eligible Structure, the Collocator is required to move its Dedicated Space or adjacent space collocation structure. AT&T-13STATE will notify the resident Collocator(s) in writing within five days of the determination to move the location. If the relocation occurs for reasons other than an emergency, AT&T-13STATE will provide the resident Collocator(s) with at least one hundred eighty (180) days advance written notice prior to the relocation. If the Collocator is required to relocate under this Section, the Collocator will not be required to pay any application fees associated with arranging for new space. The Collocator shall be responsible for the preparation of the new telecommunications equipment space and Dedicated Space at the new location or an adjacent space collocation structure if such relocation arises from circumstances beyond the reasonable control of AT&T-13STATE, including zoning changes, condemnation or government order or regulation that makes the continued occupancy or use of the Dedicated Space or the Eligible Structure in which the Dedicated Space is located or the adjacent space collocation structure for the purpose then used, uneconomical in AT&T-13STATE's reasonable discretion. In addition, a Collocator's presence in AT&T-13STATE Central Offices or adjacent space collocation structures should not prevent AT&T-13STATE from making a reasonable business decision regarding building expansions or additions to the number of Central Offices required to conduct its business or its locations.

6.3.2 If AT&T-13STATE determines that a Collocator must relocate due to any of the above reasons in Section 6, AT&T-13STATE will make all reasonable efforts to minimize disruption of the Collocator's services. In addition, the costs of the move will be shared equally by AT&T-13STATE and the Collocator, unless the Parties agree to a different financial arrangement.

6.3.3 If the Collocator requests that the Dedicated Space be moved within the Eligible Structure in which the Dedicated Space is located, to another Eligible Structure, from an adjacent space collocation structure to a different adjacent space collocation structure or to a different Eligible Structure, AT&T-13STATE shall permit the Collocator to relocate the Dedicated Space or adjacent space collocation structure, subject to availability of space and technical feasibility. The Collocator shall be responsible for all applicable charges associated with the move, including the reinstallation of its equipment and facilities and the preparation of the new telecommunications equipment space, and Dedicated Space, or adjacent space collocation structure as applicable. In any such event, the new Dedicated Space shall be deemed the Dedicated Space and the new Eligible Structure (where applicable) shall be deemed the Eligible Structure in which the Dedicated Space is located and the new adjacent space collocation structure shall be deemed the adjacent space collocation structure.

6.4 Occupancy

6.4.1 Unless there are unusual circumstances, AT&T-13STATE will notify the Collocator that the Dedicated Space is ready for occupancy within five (5) business days after AT&T-13STATE completes preparation of the Dedicated Space. Operational telecommunications equipment must be placed in the Dedicated Space and interconnect to AT&T-13STATE's network or obtain access to AT&T-13STATE Lawful UNEs within one hundred eighty (180) days after receipt of such notice. In the event that AT&T-13STATE has refused to interconnect with the Collocator, the one hundred eighty (180) day deadline shall be extended until AT&T-13STATE allows the Collocator to interconnect. AT&T-13STATE, however, may extend beyond the one hundred eighty (180) days provided the Collocator demonstrates a best effort to meet that deadline and shows that circumstances beyond its reasonable control prevented the Collocator from meeting that deadline.

6.4.2 If the Collocator fails to do so and the unused collocation space is needed to meet customer demand (filed application for space, accompanied by all fees) for another Collocator or to avoid construction of a building addition, collocation in the prepared Dedicated Space is terminated on the tenth (10) business day after AT&T-13STATE provides the Collocator with written notice of such failure and the Collocator does not place operational telecommunications equipment in the Dedicated Space and interconnect with AT&T-13STATE or obtain access to AT&T-13STATE Lawful UNEs by that tenth (10) business day. In any event, the Collocator shall be liable in an amount equal to the unpaid balance of the applicable charges.

6.4.3 For purposes of this Section, the Collocator's telecommunications equipment is considered to be operational and interconnected when connected to either AT&T-13STATE's network or interconnected to another Collocator's equipment that resides within the same structure, provided the Collocator's equipment is used for interconnection with AT&T-13STATE's network or to obtain access to AT&T-13STATE's Lawful UNEs, for the purpose of providing this service.

6.4.4 If the Collocator causes AT&T-13STATE to prepare the Dedicated Space and then the Collocator does not use the Dedicated Space (or all the Dedicated Space), the Collocator will pay AT&T-13STATE the monthly recurring and other applicable charges as if the Collocator were using the Dedicated Space.

6.5 Cancellation Prior to Due Date

6.5.1 In the event that the Collocator cancels its order after AT&T-13STATE has begun preparation of the Telecommunications Infrastructure Space and Dedicated Space, but before AT&T-13STATE has been paid the entire amounts due under this Appendix, then in addition to other remedies that AT&T-13STATE might have, the Collocator shall be liable in the amount equal to the

nonrecoverable costs less estimated net salvage, the total of which is not to exceed the Preparation Charges. Nonrecoverable costs include the nonrecoverable cost of equipment and material ordered, provided or used; the nonrecoverable cost of installation and removal, including the costs of equipment and material ordered, provided or used; labor; transportation and any other associated costs. AT&T-13STATE shall provide the Collocator with a detailed invoice showing the costs it incurred associated with preparation.

6.6 Billing

6.6.1 Investigation Report

6.6.1.1 Upon receipt of the notice and forms of proof set forth in General Terms and Conditions , Section 8, AT&T-13STATE shall make an investigation as shall be required to report the results to the Collocator. Provided that Collocator has furnished all of the information and proof required by Section 6.6.1 on or before the Bill Due Date, AT&T-13STATE will report the results of its investigation within sixty (60) calendar days following the Bill Due Date. If the Collocator is not satisfied by the resolution of the billing dispute under this Section 6.6.5 of this Appendix, the Collocator must notify AT&T-13STATE in writing within thirty (30) days following receipt of the results of AT&T-13STATE's investigation that it wishes to invoke the informal resolution of billing disputes afforded under Section 6.6.6 of this Appendix.

6.6.2 Informal Resolution of Billing Disputes

6.6.6.2 Upon receipt by AT&T-13STATE of written notice of a billing dispute from Collocator made in accordance with the requirements of Section 6.6.2 of this Appendix, each Party will appoint a knowledgeable, responsible representative to meet and negotiate in good faith to resolve any billing dispute arising under this Appendix. The location, form, frequency, duration and conclusion of these discussions will be left to the discretion of the representatives. Upon mutual 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 resolution 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 any lawsuit.

6.6.7 Formal Resolution of Billing Disputes

6.6.7.1 If the Parties are unable to resolve the billing dispute through the informal procedure described in Section 6.6.6 of this Appendix, then either Party may invoke the formal dispute resolution procedures described in this Section 6.6.7 of this Appendix. Unless agreed by both 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 notice initiating dispute resolution required by Section 6.6.5 of this Appendix. and not later than one hundred eighty (180) calendar days after receipt of the notice initiating dispute resolution required by Section 6.6.5 of this Appendix. Upon the 181st day, either Party may choose to seek arbitration pursuant to Section 6.6.8

6.6.7.2 Billing Disputes Subject to Mandatory Arbitration – If not settled through informal dispute resolution, each unresolved billing dispute involving one percent (1%) or less of the amounts charged to Collocator under this Appendix during the twelve (12) months immediately preceding receipt of the notice initiating Dispute Resolution required by Section 6.6.5 of this Appendix will be subject to mandatory arbitration in accordance with Section 6.6.8 of this Appendix, below. If the Collocator has not been billed for a minimum of twelve (12) months immediately preceding receipt of the notice initiating Dispute

Resolution required by Section 6.6.5 of this Appendix, the Parties will annualize the actual number of months billed.

6.6.7.3 Billing Disputes Subject to Elective Arbitration – If not settled through informal dispute resolution, each unresolved billing dispute involving more than one percent (1%) of the amounts charged to Collocator under this Appendix during the twelve (12) months immediately preceding receipt of the notice initiating Dispute Resolution required by Section 6.6.5 of this Appendix will be subject to elective arbitration pursuant to Section 6.6.8 if, and only if, both Parties agree to arbitration. If the Collocator has not been billed for a minimum of twelve (12) months immediately preceding receipt of the notice initiating Dispute Resolution required by Section 6.6.5 of this Appendix, the Parties will annualize the actual number of months billed. 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.

6.6.8 Arbitration

6.6.8.1 Disputes subject to mandatory or elective arbitration under the provisions of this Appendix 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 a mutually agreed upon location. The arbitration hearing will be requested to commence within sixty (60) calendar days of the demand for arbitration.

6.6.8.2 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. 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 Appendix.

6.6.8.3 The times specified in this Section 6.6.8 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.

6.6.9 Cooperation Between Parties

6.6.9.1 Immediately upon resolution of any billing dispute, AT&T-13STATE and the Collocator shall cooperate to ensure that all of the following actions are taken within the time(s) specified:

6.6.9.1.1 AT&T-13STATE shall credit Collocator's bill for any portion of the Disputed Amount(s) resolved in favor of Collocator, together with any portion of any Late Payment Charges assessed with respect thereto no later than the second Bill Due Date after the resolution of the dispute. Escrow procedures will be pursuant to the General Terms and Conditions, Section 8.

6.6.10 Intentionally left Blank

6.6.11 Billing for Caged Shared and Caged Common Collocation Arrangements

6.6.11.1 Except for certain charges identified as related to Caged Shared Collocation, each collocator shall be billed separately and shall be able to order and provision separately. In the case of Caged Shared Collocation, AT&T-13STATE shall bill the original collocator for space. However, AT&T-13STATE shall bill the other collocators in the shared cage for use of Network Elements and interconnection separately as required. Collocators located in a Caged Common Collocation area shall have direct billing arrangements with AT&T-13STATE for floor space and all other applicable interconnection arrangements.

6.7 Late Payment Charge

6.7.1 If the Collocator fails to remit payment for any undisputed charges by the Bill Due Date, or if a payment or any portion of a payment is received from Collocator after the Bill Due Date, or if a payment or any portion of a payment is received in funds which are not immediately available to AT&T-13STATE as of the Bill Due Date, then a late payment charge shall be assessed as follows: 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.

6.8 Allowances for Interruptions

6.8.1 An interruption period begins when an inoperative condition of a Physical Collocation arrangement is reported to AT&T-13STATE's designated contact point and ends when the Physical Collocation arrangement is operative and reported to the Collocator's designated contact. No allowance for an interruption period will be provided for Physical Collocation where the interruption is due to the actions or negligence of the Collocator. A credit allowance will be made to the Collocator where the interruption is due to the actions or negligence of AT&T-13STATE.

6.8.2 When a credit allowance does apply, such credit will be determined based on the monthly recurring rates applicable to the specific item(s) causing the interruption; however, the credit allowance for an interruption or for a series of interruptions shall not exceed the applicable monthly recurring rate for the item(s) involved.

6.8.3 For calculating credit allowances, every month is considered to have thirty (30) days. No credit shall be allowed for an interruption of less than thirty (30) minutes. The Collocator shall be credited for an interruption of thirty (30) minutes or more at the rate of 1/1440 of the monthly recurring rate.

6.8.4 When a third Party vendor maintains and repairs a Collocator's designated termination equipment, a credit allowance will not apply to any interruption of the items maintained and repaired by the third Party vendor.

7. USE BY OTHER LOCAL SERVICE PROVIDERS

7.1 The Collocator shall not assign or otherwise transfer, either in whole or in part, or permit the use of any part of the Dedicated Space by any other person or entity, without the prior written consent of AT&T-13STATE, which consent shall not be unreasonably withheld. Any purported assignment or transfer made without such consent shall be voidable at the sole discretion of AT&T-13STATE.

7.2 AT&T-13STATE will make shared collocation cages available to all collocators. A shared collocation cage is a Caged Collocation space shared by two (2) or more collocators pursuant to the terms and conditions agreed to and between the collocators. In making shared cage arrangements available, AT&T-13STATE may not increase the cost of site preparation or nonrecurring charges above the cost of provisioning such a cage of similar dimensions and material to a single collocating Party. In those instances where AT&T-13STATE receives applications simultaneously from multiple collocators who desire construction of a cage to be shared, AT&T-13STATE will prorate the charge for site conditioning and preparation undertaken to construct the shared collocation cage or condition the space, and

allocate that charge to each collocator based upon the percentage of total space utilized by each Collocator.

7.2.1 AT&T-13STATE will make Caged Common Collocation available to all collocators. The Caged Common Collocation option provides the collocators with an enclosure (not including a top). This enclosure is an area designated by AT&T-13STATE within an Eligible Structure to be used by the collocators for the sole purpose of installing, maintaining and operating the collocator-provided equipment. Caged Common Collocation space will be provided where space permits when five (5) or more collocators have provided AT&T-13STATE with their forecasted space requirements accompanied with a firm order and twenty five percent (25%) of non-recurring charges for the forecasted space as deposit.

7.2.2 When these criteria have been met, AT&T-13STATE will construct a common cage minimum of 550 sq. ft. of space unless collocators' combined forecasted space needs for the initial year exceed 550 sq. ft., in which case, AT&T-13STATE will construct the cage to the collocators' combined forecasts for the initial year. Subsequent additions to the Caged Common Collocation area will be based on firm orders with the Collocator(s) requesting additional space bearing the costs for such expansion. Billing for Caged Common Collocation is addressed in Section 6.6.11 of this Appendix.

7.3 AT&T-13STATE will not place unreasonable restrictions on Collocator's use of a cage, and as such will allow Collocator to contract with other collocators to share the cage in a sublease-type arrangement. In a sublease-type arrangement, the initial collocator(s) shall charge any such co-collocator no more than the prorated share (based upon square footage used exclusively or in common) of AT&T-13STATE's charges to the initial collocator(s). If two (2) or more collocators who have interconnection agreements with AT&T-13STATE utilize a shared collocation cage, AT&T-13STATE will permit each collocator to order Lawful UNEs to and provision service from that shared collocation space, regardless of which collocator was the original collocator.

8. FIBER OPTIC CABLE AND DEMARCATION POINT

8.1 Fiber Optic Cable Entrances

8.1.1 The Collocator shall use a dielectric fire retardant fiber cable as the transmission medium to the Dedicated Space or, where technically and structurally feasible, may use microwave. Collocation requests utilizing facilities other than fiber will be provided as an Individual Case Basis (ICB). AT&T-13STATE will only permit copper or coaxial cable as the transmission medium where the Collocator can demonstrate to AT&T-13STATE that use of such cable will not impair AT&T-13STATE's ability to service its own customers or subsequent collocators.

8.1.2 AT&T-13STATE shall provide a minimum of two separate points of entry into the Eligible Structure in which the Dedicated Space is located wherever there are at least two entry points for AT&T-13STATE cable. AT&T-13STATE will also provide nondiscriminatory access to any entry point into Eligible Structures in excess of two points in those locations where AT&T-13STATE also has access to more than two such entry points. Where such dual points of entry are not immediately available, AT&T-13STATE shall perform work as is necessary to make available such separate points of entry for the Collocator at the same time that it makes such separate points of entry available for itself. In each instance where AT&T-13STATE performs such work in order to accommodate its own needs and those specified by the Collocator in the Collocator's written request, the Collocator and AT&T-13STATE shall share the costs incurred by prorating those costs using the number of cables to be placed in the entry point by both AT&T-13STATE and the Collocator(s) in the first twelve (12) months.

8.1.3 The Collocator is responsible for bringing its facilities to the entrance manhole(s) designated by AT&T-13STATE, and leaving sufficient length in the cable in order for AT&T-13STATE to fully extend the Collocator-provided facilities through the cable vault to the Dedicated Space.

8.2 Demarcation Point

8.2.1 A Point of Termination (POT) Frame is not required as the demarcation point. However, the Collocator may, at its election, provide its own Point of Termination (POT) frame either in its dedicated cage space or in AT&T-13STATE-designated area within the Eligible Structure. If the Collocator elects not to provide a POT Frame, AT&T-13STATE will hand off the Interconnection Arrangement(s) cables to the Collocator at its equipment.

9. USE OF DEDICATED SPACE

9.1 Nature of Use

9.1.1 In accordance with section 251(c)(6) of the Act, the Collocator may collocate equipment for Physical Collocation if such equipment is necessary for interconnection to AT&T-13STATE under 47.U.S.C. § 251(C) (2) or accessing AT&T-13STATE's Lawful UNEs under 47.U.S.C. § 251(C) (3) of the Act. For purposes of this Section, "necessary" means directly related to and thus necessary, required, or indispensable to interconnection or access to Lawful UNEs. Such uses are limited to interconnection to AT&T-13STATE's network "for the transmission and routing of Telephone Exchange service or Exchange Access," or for access to AT&T-13STATE's Lawful UNEs "for the provision of a telecommunications service."

9.1.2 Equipment that may be collocated solely for these purposes includes: (1) transmission equipment including, but not limited to, optical terminating equipment and multiplexers; and (2) equipment being collocated to terminate basic transmission facilities pursuant to 47 C.F.R. § 51.323(3).

9.1.3 In addition, AT&T-13STATE permits Collocator collocation of certain Multifunctional Equipment included in the definition of "advanced services equipment" in section 1.3.d of the AT&T/Ameritech Merger Conditions. Under the AT&T/Ameritech Merger Condition, "advanced services equipment" is defined as follows: "(1) DSLAMs or functionally equivalent equipment; (2) spectrum splitters that are used solely in the provision of Advanced Services; (3) packet switches and multiplexers such as ATMs and Frame Relay engines used to provide Advanced Services; (4) modems used in the provision of packetized data; and (5) DACS frames used only in the provision of Advanced Services. Spectrum splitters (or the equivalent functionality) used to separate the voice grade channel from the Advanced Services channel shall not be considered Advanced Services Equipment; any such splitters installed after the Merger Closing Date that are located at the customer premises shall be considered network terminating equipment."

9.1.4 AT&T-13STATE does not allow collocation of other Multifunctional Equipment, except that AT&T-13STATE will voluntarily allow collocation of Remote Switch Module (RSM) solely under the following conditions: (1) the Remote Switch Module (RSM) may not be used as a stand-alone switch; it must report back to and be controlled by a Collocator identified host switch and direct trunking to the Remote Switch Module (RSM) will not be permitted; (2) the Remote Switch Module (RSM) equipment must be used only for the purpose of interconnection with AT&T-13STATE's network for the transmission and routing of Telephone Exchange service or Exchange Access or for access to AT&T-13STATE's Lawful UNEs for the provision of a telecommunications service. AT&T-13STATE voluntarily will allow Collocator to collocate, on a non-discriminatory basis, other Multifunctional Equipment only if AT&T-13STATE and Collocator mutually agree to such collocation.

9.1.5 For purposes of this Section, "Multifunctional Equipment" means equipment that has (1) functions that make the equipment "necessary for interconnection or access to Lawful UNEs and (2) additional functions that are not "necessary" for these purposes. Such additional functions

include, but are not limited to, switching and enhanced service functions. AT&T-13STATE will not allow collocation of stand-alone switching equipment or any enhanced services equipment.

9.1.6 AT&T-13STATE voluntarily allows Collocator to place ancillary equipment, including cross-connect and other simple frames, routers, portable test equipment, equipment racks and bays, and other ancillary equipment on a non-discriminatory basis only if AT&T-13STATE and Collocator mutually agree to such placement, in AT&T-13STATE's premises solely to support and be used with equipment that the Collocator has legitimately collocated in the same premises.

9.1.7 Pending the FCC's remand proceedings in accordance with the Court's Opinion in *GTE Service Corporation v. FCC*, No. 99-1176, 2000 U.S. App. LEXIS 4111 (D.C. Cir. March 17, 2000) ("GTE Opinion"), AT&T-13STATE voluntarily will not disturb (1) equipment and (2) connection arrangements between different collocators' equipment in AT&T-13STATE's Eligible Premises, that prior to the May 11, 2000 effective date of the GTE Opinion, were (1) in place in AT&T-13STATE Eligible Premises or (2) requested by Collocator and accepted by AT&T-13STATE on the same basis as under the FCC's original, pre-vacated Collocation Order (*Deployment of Wireline Services Offering Advanced Telecommunications Capability*, CC Docket No. 98-147, *First Report and Order* (FCC 99-48), 14 FCC Rcd 4761 (1999)). AT&T-13STATE's agreement not to disturb these collocation arrangements pending completion of the remand proceedings will immediately expire if a federal or state court or regulatory agency attempts to apply any of the most favored nation provisions of the Act, of any state Merger Conditions, or of the FCC AT&T/Ameritech Merger Conditions to such arrangements or deems such arrangements to be discriminatory vis-à-vis other carriers.

9.1.8 AT&T-13STATE does not assume any responsibility for the installation, furnishing, designing, engineering, or performance of the Collocator's equipment and facilities.

9.1.9 When the Collocator's Physical Collocation arrangement is within the Eligible Structure, the Collocator may not provide its own DC power plant equipment (with rectifiers or chargers and batteries) or AC power backup equipment (e.g., Uninterruptable Power System with batteries, or standby engine). AT&T-13STATE will provide the necessary backup power to ensure against power outages.

9.1.10 Consistent with the environment of the Dedicated Space, the Collocator shall not use the Dedicated Space for office, retail, or sales purposes. No signage or marking of any kind by the Collocator shall be permitted on the Eligible Structure in which the Dedicated Space is located or on AT&T-13STATE grounds surrounding the Eligible Structure in which the Dedicated Space is located. The Collocator may place signage and markings on the inside of its dedicated space.

9.2 Equipment List

9.2.1 A list of all the equipment and facilities that the Collocator will place within its Dedicated Space must be included on the application for which the Dedicated Space is prepared including the associated power requirements, floor loading, and heat release of each piece. The Collocator's equipment and facilities shall be compliant with the standards set out in Section 10.1, Minimum Standards, following. The Collocator warrants and represents that the list is complete and accurate, and acknowledges that any incompleteness or inaccuracy would be a violation of the rules and regulations governing this Appendix. The Collocator shall not place or leave any equipment or facilities within the Dedicated Space not included on the list without the express written consent of AT&T-13STATE, which consent shall not be unreasonably withheld.

9.2.2 Subsequent Requests to Place Equipment

9.2.2.1 The Collocator shall furnish AT&T-13STATE a written list in the form of an attachment to the original equipment list for the subsequent placement of equipment in its Dedicated Space.

9.2.3 Limitations

9.2.3.1 AT&T-13STATE's obligation to purchase additional plant or equipment, relinquish occupied space or facilities, or to undertake the construction of new building quarters or to construct building additions to existing quarters in order to satisfy a subsequent request for additional space or the placement of additional equipment of facilities by a Collocator, is limited only to the extent that AT&T-13STATE would undertake such additions, modifications or construction on its own behalf, on behalf of any subsidiary or affiliate, or any other Party to which it provides interconnection. AT&T-13STATE will ensure that the Collocator is provided collocation space at least equal in quality to that provided to AT&T-13STATE, its affiliates or other Parties to which it provides interconnection.

9.3 Dedicated Space Use and Access

9.3.1 The Collocator may use the Dedicated Space for placement of telecommunications equipment and facilities necessary (as defined by the FCC) for interconnection to AT&T-13STATE or access to AT&T-13STATE's Lawful UNEs. The Collocator's employees, agents and contractors shall be permitted access to its collocated equipment seven (7) days a week, twenty-four (24) hours a day without a security escort. Collocator shall provide AT&T-13STATE with notice at the time of dispatch of its own employee or contractor, to an Eligible Structure and, if possible, no less than thirty (30) minutes notice for a manned structure and sixty (60) minutes notice for an unmanned structure.

9.3.2 AT&T-13STATE will not delay a Collocator employee's entry into an Eligible Structure containing its collocated equipment or its access to its collocated equipment. AT&T-13STATE will provide Collocator with reasonable access to restroom facilities and parking. All access is provided subject to compliance by the Collocator's employees, agents and contractors with AT&T-13STATE's policies and practices pertaining to fire, safety and security (i.e., the Collocator must comply with Section 6.1.3 of this Appendix).

9.3.3 The Collocator agrees to comply promptly with all laws, ordinances and regulations affecting the use of the Dedicated Space. Upon the discontinuance of service, the Collocator shall surrender the Dedicated Space or land for an adjacent structure to AT&T-13STATE, in the same condition as when first occupied by the Collocator, except for ordinary wear and tear.

9.3.4 AT&T-13STATE will not accept delivery of nor responsibility for any correspondence and/or equipment delivered to the Collocator at the Eligible Structure. However, through agreement between AT&T-13STATE and the Collocator, a Collocator may make arrangements for receipt and/or securing of its equipment at the Eligible Structure by Collocator's or AT&T-13STATE's personnel.

9.4 Threat to Personnel, Network or Facilities

9.4.1 Regarding safety, Collocator equipment or operating practices representing a significant demonstrable technical or physical threat to AT&T-13STATE's personnel, network or facilities, including the Eligible Structure, or those of others are strictly prohibited.

9.5 Interference or Impairment

9.5.1 Regarding safety and notwithstanding any other provision hereof, the characteristics and methods of operation of any equipment or facilities placed in the Dedicated Space shall not create hazards for or cause damage to those facilities, the Dedicated Space, or the Eligible Structure in which the Dedicated Space is located; impair the privacy of any communications carried in, from, or through the Eligible Structure in which the Dedicated Space is located; or create hazards or cause physical harm to any individual or the public. Any of the foregoing would be in violation of this Appendix.

9.6 Personal Property and Its Removal

9.6.1 In accordance with and subject to the conditions of this Appendix, the Collocator may place or install in or on the Dedicated Space such personal property or fixtures (Property) as it shall deem desirable for the conduct of business. Property placed by the Collocator in the Dedicated Space shall not become a part of the Dedicated Space even if nailed, screwed or otherwise fastened to the Dedicated Space. Such Property must meet AT&T-13STATE standards for flame and smoke ratings, e.g., no combustibles. Such Property shall retain its status as personalty and may be removed by the Collocator at any time. Any damage caused to the Dedicated Space or land occupied by an adjacent structure by the removal of such Property shall be promptly repaired by the Collocator at its expense pursuant to Section 9.7 following.

9.7 Alterations

9.7.1 In no case shall the Collocator or any person acting through or on behalf of the Collocator make any rearrangement, modification, improvement, addition, repair, or other alteration to the Dedicated Space or the Eligible Structure in which the Dedicated Space is located without the advance written permission and direction of AT&T-13STATE. AT&T-13STATE shall consider a modification, improvement, addition, repair or other alteration requested by the Collocator, provided that AT&T-13STATE has the right to reject or modify any such request except as required by state or federal regulators. The cost of any AT&T-13STATE provided construction shall be paid by the Collocator in accordance with AT&T-13STATE's custom work order process.

10. STANDARDS

10.1 Minimum Standards

10.1.1 All types of network equipment placed in AT&T-13STATE network equipment areas of Eligible Structures by AT&T-13STATE or Collocator must meet AT&T-13STATE minimum safety standards. The minimum safety standards are as follows: (1) Collocator's equipment must meet Telcordia Level 1 safety requirements as set forth in Telcordia documents SR-3580 and GR-63-CORE, Network Equipment Building Systems (NEBS); or, (2) Collocator must demonstrate that its equipment has a history of safe operation defined by installation in an ILEC (including AT&T-13STATE) prior to January 1, 1998 with no known history of safety problems. The Collocator will be expected to conform to the same accepted procedures and standards utilized by including AT&T-13STATE and its contractors when engineering and installing equipment.

10.1.2 In the event that AT&T-13STATE denied Collocation of Collocator's equipment, citing safety standards, AT&T-13STATE will provide within five (5) business days of Collocator's written request to AT&T-13STATE representative(s), a list of AT&T-13STATE equipment which AT&T-13STATE locates within the premises of the Eligible Structure for which Collocation was denied together with an affidavit attesting that all of such Company equipment met or exceeded the same safety standards for which Collocator's equipment was denied.

10.1.3 In the event AT&T-13STATE believes that collocated equipment is not necessary for interconnection or access to Lawful UNEs or determines that the Collocator's equipment does not meet the minimum safety standards, the Collocator must not collocate the equipment unless and until the dispute is resolved in its favor. The Collocator will be given ten (10) business days to comply with the requirements and/or remove the equipment from the collocation space if the equipment was already improperly collocated. Dispute resolution procedures are covered in the Agreement. If the Parties do not resolve the dispute under those dispute resolution procedures, AT&T-13STATE or Collocator may file a complaint at the Commission seeking a formal resolution of the dispute. If it is determined that the Collocator's equipment does not meet the minimum safety standards above, the Collocator must not collocate the equipment and will be responsible for removal of the equipment and all resulting damages if the equipment already was collocated improperly.

10.1.4 Collocation equipment or operating practices representing a significant demonstrable technical or physical threat to AT&T-13STATE personnel, network or facilities, including the Eligible Structure or those of others is strictly prohibited. Notwithstanding any other provision herein, the characteristics and methods of operation of any equipment or facilities placed in the Physical Collocation space shall not create hazards for or cause damage to those facilities, the Physical Collocation space, or the Eligible Structure in which the Physical Collocation space is located; impair the privacy of any communications carried in, from, or through the Eligible Structure in which the Physical Collocation space is located; or create hazards or cause physical harm to any individual or the public. Any of the foregoing would be in violation of this Appendix.

10.2 Compliance Certification

10.2.1 The Collocator also warrants and represents that any equipment or facilities that may be placed in the Dedicated Space pursuant to Section 9.2, Equipment List; Section 9.2.1, Subsequent Requests to Place Equipment; or otherwise, shall be compliant with minimum safety standards set forth in Section 10.1.

11. RE-ENTRY

11.1 If the Collocator shall default in performance of any provision herein, and the default shall continue for sixty (60) calendar days after receipt of AT&T-13STATE's written notice, or if the Collocator is declared bankrupt or insolvent or makes an assignment for the benefit of creditors, AT&T-13STATE may, immediately or at any time thereafter, subject to the requirements of Section 5.4.1 hereof, enter and repossess the Dedicated Space, expel the Collocator and any claiming under the Collocator, remove the Collocator's property, forcibly if necessary, and services provided pursuant to this Appendix will be terminated without prejudice to any other remedies AT&T-13STATE might have.

11.2 AT&T-13STATE may also refuse additional applications for service and/or refuse to complete any pending orders for additional space or service for the Collocator at any time after sending the notice required by the preceding Section.

11.3 In the case of any dispute and at the written request of a Party, each Party will appoint a knowledgeable, responsible representative to meet and negotiate in good faith to resolve any dispute arising under this Appendix. 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 informal 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, which are 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. To the extent negotiations do not resolve the dispute, and thirty (30) days have passed since the date of the request for resolution under this Section, Parties may seek more formal dispute resolution procedures.

12. INDEMNIFICATION OF AT&T-13STATE

12.1 The indemnity provisions of the Agreement between AT&T-13STATE and the Collocator shall apply and are incorporated in General Terms & Conditions, Section 14.

13. SERVICES AND MAINTENANCE

13.1 Operating Services

13.1.1 AT&T-13STATE shall maintain for the Eligible Structure customary building services, utilities (excluding telephone facilities), including janitorial and elevator services, twenty-four (24) hours a day, seven (7) days a week. Any business telephone services ordered by the Collocator for its administrative use within its Dedicated Space will be provided in accordance with applicable AT&T-13STATE tariffs.

13.2 Maintenance

13.2.1 AT&T-13STATE shall maintain the exterior of the Eligible Structure and grounds, and all entrances, stairways, passageways, and exits used by the Collocator to access the Dedicated Space.

13.3 Equipment Staging and Storage

13.3.1 No storage or staging area will be provided outside of the licensed space. Collocation areas may not be used for office administrative space (i.e., filing cabinet, desk, etc.). Fire standards and regulations prohibit the storage of flammable material, e.g., cardboard boxes, paper, packing material, etc. Safety standards prohibit the storage of chemicals of any kind. (Refer to Interconnector's Guide for Collocation via https://clec.att.com/clec.)

13.4 Legal Requirements

13.4.1 Except for Section 15, AT&T-13STATE agrees to make, at its expense, all changes and additions to the Dedicated Space required by laws, ordinances, orders or regulations of any municipality, county, state or other public authority including the furnishing of required sanitary facilities and fire protection facilities, except fire protection facilities specially required because of the installation of telephone or electronic equipment and fixtures in the Dedicated Space.

14. AT&T-13STATE's RIGHT OF ACCESS

14.1 AT&T-13STATE, its agents, employees, and other AT&T-13STATE-authorized persons shall have the right to enter Dedicated Space at any reasonable time on three (3) days advance notice of the time and purpose of the entry to examine its condition, make repairs required to be made by AT&T-13STATE hereunder, and for any other purpose deemed reasonable by AT&T-13STATE. AT&T-13STATE may access the Dedicated Space for purpose of averting any threat of harm imposed by the Collocator or its equipment or facilities upon the operation of AT&T-13STATE equipment, facilities and/or personnel located outside of the Dedicated Space; in such case, AT&T-13STATE will notify the Collocator by telephone of that entry and will leave written notice of entry in the Dedicated Space. If routine inspections are required, they shall be conducted at a mutually agreeable time.

15. GENERAL

15.1 The rates and charges in this Appendix are applicable only for Physical Collocation arrangements in Eligible Structures as defined in Section 19.2 of this Appendix. AT&T-13STATE allocates the charges for space preparation and security charges on a prorated basis so the first Collocator in a premises will not be responsible for the entire cost of site preparation. However, ancillary charges for unique Collocator requests for collocation options directly attributable to the requesting Collocator will not be prorated. Examples include power arrangements, Remote Switch Module (RSM) related options and POT bay-related options.

15.2 Parking at Eligible Structures will be provided on a first-come, first-served basis if there is no commercial parking or curbside parking available within a reasonable radius of the Eligible Structure. AT&T-13STATE will rent parking spaces to Collocator on a first-come, first-served basis if such space is available. Collocator may not park in spaces that are reserved for AT&T-13STATE vehicles and which are designated as reserved. AT&T-13STATE shall not unreasonably reserve for its own use all parking at the Eligible Structure.

15.3 Collocator shall be allowed to have reasonable use of and access to loading docks. Collocator and AT&T-13STATE are required to follow all posted traffic and AT&T-13STATE signs and follow all applicable parking and traffic laws and ordinances.

15.4 The rates and charges in this Appendix do not include costs for any Americans with Disability Act (ADA) construction generated or caused by the Physical Collocation space request. If required, ADA construction will be provided on an ICB.

15.5 If AT&T-13STATE is required to upgrade an Eligible Structure, or portion of the structure to comply with the Americans with Disability Act (ADA) which arises as a direct result of Collocator's collocation arrangement, AT&T-13STATE will prorate the total forward-looking economic cost of the upgrade, and allocate the charge to each Collocator located within the Eligible Structure, based on the total space utilized by each Collocator.

15.6 Should AT&T-13STATE benefit in any way from the ADA upgrades, it shall absorb half of the cost when there is one benefiting Collocator, one-third when there are two, and so on.

15.7 Should AT&T-13STATE be the sole beneficiary of an upgrade (e.g., an upgrade would have had to be made regardless of whether or not a Collocator was collocated in the CO), AT&T-13STATE shall absorb all of the costs related to such an upgrade.

15.8 The rates and charges set forth herein are for Physical Collocation arrangements, while charges for interconnection and access to Lawful UNEs are as set forth in the Agreement.

16. PREPARATION CHARGES

16.1 Preparation charges apply for preparing the Dedicated Space for use by the Collocator as outlined in this Section. These rates and charges are found in the Collocation Rate Summary of this Appendix.

16.2 AT&T-13STATE will contract for and perform the construction and other activities underlying the preparation of the Telecommunications Infrastructure Area and Dedicated Space, and any Custom Work Charges using the same or consistent practices that are used by AT&T-13STATE for other construction and preparation work performed in the Eligible Structure in which the Dedicated Space is located. AT&T-13STATE will permit Collocator to review the contractor invoices.

16.3 To insure efficient use of space, AT&T-13STATE will provide a Physical Collocation area supporting as many square foot units of collocation space as is reasonably available in each specific Eligible Structure where space is available. AT&T-13STATE will provide collocation space within Active Collocation Space, if available. If Active Collocation Space is not available, Other (Inactive) Collocation Space may be provided. AT&T-13STATE will not utilize unreasonable segregation requirements to impose unnecessary additional cost on Collocator.

16.4 The Collocator will be permitted to contract its own work for the preparation activities within the Collocator's cage including the construction of physical security arrangements. However, any such contractor shall be subject to the approval of AT&T-13STATE, such Dedicated Space preparation activities shall be in accordance with all approved plans and specifications and coordinated with AT&T-13STATE, and the Collocator shall be solely responsible for all charges of any such contractor. Use of any such contractor shall not nullify the construction interval with respect to the preparation of the Telecommunications Infrastructure Area and Custom Work.

16.5 The Collocator may elect to install its own Point of Termination (POT) Frame, or request that AT&T-13STATE provide and install a POT Frame, to be placed in the Collocator's cage or in the collocation area. When the Collocator elects to install its own POT frame/cabinet, AT&T-13STATE may still provide and install the required DC power panel.

17. CHARGES

17.1 Monthly Charges

17.1.1 The flat-rate monthly recurring charges shall begin the earlier of when the first circuit is turned up or five (5) days after the Collocator has been notified that the preparation of the Dedicated Space is complete, and shall apply each month or fraction thereof that Physical Collocation is provided. For billing purposes, each month is considered to have thirty (30) days. The applicable recurring charges are set forth in the Collocation Rate Summary of this Appendix for use of the Dedicated Space.

17.2 Nonrecurring Charges

17.2.1 Nonrecurring charges are one-time charges that apply for specific work activity associated with providing Physical Collocation, per request, per Eligible Structure.

17.2.2 With respect to any preparation of the Dedicated Space, the Collocator shall pay AT&T-13STATE fifty percent (50%) of the estimated nonrecurring Preparation Charges as specified for in Section 16, Preparation Charges, preceding the commencement of work and fifty percent (50%) of any Custom Work Charges at the time that 50% of the work is completed.

17.2.3 The remaining portion of any Custom Work Charge is due upon completion. The remaining portion of the Preparation Charge shall be paid by the Collocator either (1) when the Dedicated Space is complete and prior to occupancy, or (2) in six (6) equal monthly installments. In the event the Collocator vacates the Dedicated Space during the six (6) month period, all outstanding nonrecurring charges will become due immediately and payable by the Collocator.

17.3 Individual Case Basis (ICB)

17.3.1 AT&T-13STATE may seek to impose Individual Case Basis (ICB) charges for requirements based on requests from a Collocator that are beyond the terms, conditions, and rates established in this Appendix.

17.4 Application of Rates and Charges

17.4.1 Beginning on and after the Effective Date of this Agreement, the Parties agree that the rates and charges for Collocation shall be as set forth in this Appendix and in the Pricing Schedule applicable to collocation ("Collocation Rates"). The Parties agree that the Collocation Rates shall apply, on a prospective basis only, beginning on the Effective Date of this Agreement to all existing CLEC collocation arrangements, including those established before the Effective Date of this Agreement. Because the Collocation Rates will apply on a prospective basis only, neither Party shall have a right to retroactive application of the Collocation Rates to any time period before the Effective Date, and there shall be no retroactive right of true-up for any time period before the Effective Date.

18. REGENERATION

18.1 Regeneration is required for collocation in an Adjacent Structure if the cabling distance between the Collocator's POT bay or termination point located in an adjacent structure and AT&T-13STATE's cross-connect bay exceeds American National Standards Institute, Inc. (ANSI) limitations. Regeneration is not required in any other circumstances except where the Collocator specifically requests regeneration. Required regeneration and Collocator-requested regeneration will be provided at the Collocator's expense.

19. RATE REGULATIONS

19.1 Determination of Charges Not Established in Collocation Rate Summary (Custom Work Charges).

19.1.1 Rate Elements - In the event that AT&T-13STATE seeks to impose a rate element or charge to a Collocator that is not specifically provided for in this Appendix or in the Pricing Schedule, AT&T-13STATE shall be required to provide the quote for the rate element within the same time frames provided for in this Appendix.

19.1.2 In the event the Collocator disputes the rate element or charge proposed by AT&T-13STATE that is not specifically provided for in this Appendix or in the Pricing Schedule, the Collocator shall notify AT&T-13STATE of its dispute with the proposed charge in writing.

19.2 Rate Elements

All rates and charges for the following rate elements can be found in the Collocation Rate Summary of this Appendix.

19.2.1 Planning Fees

19.2.1.1 The Planning Fee, as specified in AT&T-13STATE's Interconnector's Collocation Services Handbook for Physical Collocation in AT&T-13STATE, recovers AT&T-13STATE's costs incurred to estimate the quotation of charges, project management costs, engineering costs, and other related planning activities for the Collocator's request for the Physical Collocation arrangements. The initial Planning Fee will apply to the Collocator's Physical Collocation request. In addition, a nonstandard Planning Fee will apply when a request includes DC power requirements other than 2-20, 2-50, or 2-100 Amp power feeds for Caged, Cageless, or Caged Common Collocation, or 2-100, 2-200, 2-300, or 2-400 Amp power feeds for Adjacent On-Site Collocation, or other than integrated ground plane, or when floor space requirements are greater than four hundred (400) square feet. Requests for additions to the initial request, such as the addition of Collocator provided equipment that requires AT&T-13STATE to engineer and purchase additional equipment will result in a Subsequent Planning Fee. A major revision to the initial request for Physical Collocation that changes floor space requirements, cable entrance facilities requirements, or changes DC Power Distribution will be considered a total revision and result in the reapplication of an initial Planning Fee. Rates and charges are as found in the Collocation Rate Summary of this Appendix.

19.2.2 Floor Space Charges

19.2.2.1 Caged Collocation

19.2.2.1.1 The Caged Collocation option provides the Collocator with an individual enclosure (not including a top). This enclosure is an area designated by AT&T-13STATE within an Eligible Structure to be used by the Collocator for the sole purpose of installing, maintaining and operating the Collocator-provided equipment.

19.2.2.1.2 AT&T-13STATE will provide Floor Space, floor space site conditioning, Cage Common Systems Materials, Cage Preparation and Safety and Security charges in increments of one (1) square foot. For this reason, Collocator will be able to order space and a cage enclosure in amounts as small as that sufficient to house and maintain a single rack or bay of equipment (i.e., 50 square feet of cage space for a single bay), and will ensure that the first Collocator in AT&T-13STATE premises will not be responsible for the entire cost of site preparation and security. When a Collocator constructs its own cage and related equipment, the Collocator will not be subject to the Cage Preparation Charge as set forth in Section 19.2.2.1.4.5 following. The Collocator may provide a cage enclosure (not including a top), cable rack and support structure inside the cage, lighting, receptacles, cage grounding, cage sign and door key set.

19.2.2.1.3 In addition, terms and conditions for contractors performing cage construction activities as set forth in Section 16 preceding will apply.

19.2.2.1.4 If the Collocator elects to install, or requests that AT&T-13STATE provide and install a point of termination (POT) frame in the dedicated collocation area rather than inside its cage, the floor space rate for Cageless Collocation found in the Collocation Rate Summary of this Appendix applies.

19.2.2.1.4.1 Eligible Structure Floor Space Charges

Consists of the following elements which are based on the average cost for AT&T-13STATE within AT&T-13STATE:

- Construction costs
- Operating costs

19.2.2.1.4.2 Site Conditioning Charge, per square foot

Consists of the following and represents costs necessary to condition basic floor space to accommodate telecommunications equipment:

- New floor tile
- General lighting
- House service receptacles
- Exit lights
- Emergency lighting
- Pullbox for fiber optic cable
- Electrical panel for lights and receptacles
- 4" conduit (initial placement) for fiber optic cable from vault to the common pullbox
- Cable slots for routing of power and transmission cables
- Fire-rated partitions where required
- HVAC where not existing
- Demolition work where required

19.2.2.1.4.3 Common Systems Materials Charge

Consists of the following elements per square foot and represents the following charges:

- Installation and maintenance of iron work, racking, and lighting above the cage

19.2.2.1.4.4 Safety and Security, per square foot

This charge represents reasonable costs incurred by AT&T-13STATE to secure its equipment contained within Eligible Structure. This charge is expressed as a recurring rate on a per square foot basis and was developed based on implementation of varying combinations of the following security measures and devices. This rate may include only the costs associated with the most cost-effective reasonable method of security, which may consist of a sub set of the following:

- Interior Security Partition separating AT&T-13STATE equipment
- Provisioning of door locks and keying of existing doors
- Door access controller and network controller necessary for a card reader system
- Security camera systems
- Locking cabinets for network equipment
- Combination door locks
- Cable locks for computer terminals and test equipment
- Secure ID/password protection for computer systems
- Emergency exit door alarms

19.2.2.1.4.5 Cage Preparation

Consists of the following elements and represents charges unique to the Collocator making the request. Rates and charges are as found in the Collocation Rate Summary.

- Grounded wire partition
- Door key Set
- Lights
- Outlets
- Cable rack and support structure inside the cage
- Cage sign

19.2.2.1.4.6 REMOTE SWITCH MODULE (RSM) Option

The additional Dedicated Heating Ventilating and Air Conditioning (HVAC) Charge consists of the necessary dedicated ductwork extensions from the branch duct to the caged common collocation area including downturns and diffusers required to handle the additional heat load created by the Remote Switch Module (RSM) option. The Dedicated Power Plant Space Charge is a floor space rental charge based on the square footage required for a power plant layout with batteries.

19.2.2.2 Cageless Collocation

19.2.2.2.1 The Cageless Collocation charges consists of floor space, bay and aisle lighting and the design and placement of common systems materials in an area designated by AT&T-13STATE within an Eligible Structure to be used by the Collocator for the sole purpose of installing, maintaining and operating the Collocator-provided equipment.

19.2.2.2.2 AT&T-13STATE will provide Floor Space, floor space site conditioning, Safety and Security, and Common Systems Materials charges per relay rack, bay, or frame. Collocator shall be able to order space in amounts as small as that sufficient to house and maintain a single rack or bay of equipment, (i.e., ten (10) square feet). The first Collocator in AT&T-13STATE premises will be responsible only for its pro rata share of the common systems materials, cost of site preparation and security charges. Charges to each Collocator will be based upon the number of frames used by each Collocator.

19.2.2.2.2.1 Floor Space Charges

Consists of the following elements which are based on the average cost for AT&T-13STATE within AT&T-13STATE:

- Construction costs
- Operating costs

19.2.2.2.2.2 Site Conditioning Charge

Consists of the following and represents costs necessary to condition basic floor space to accommodate telecommunications equipment per rack, bay or frame:

- New floor tile
- General lighting
- House service receptacles
- Exit lights

- Emergency lighting
- Pullbox for fiber optic cable
- Electrical panel for lights and receptacles
- 4" conduit (initial placement) for fiber optic cable from vault to the common pullbox
- Cable slots for routing of power and transmission cables
- Fire-rated partitions where required
- HVAC where not existing
- Demolition work where required

19.2.2.2.2.3 Cageless Common Systems Materials Charge

Consists of the following elements per rack, bay, or frame and represents the following charges:

- Support materials for overhead lighting
- Bay and aisle lights
- AC electrical access for bay framework
- Central Office ground bar assembly and termination materials
- Extension of Central Office ground cables
- Auxiliary framing for support of cable racking materials
- Horizontal fiber protection duct system
- All associated mounting hardware and fabrication materials

19.2.2.2.2.4 Safety and Security

This charge represents reasonable costs incurred by AT&T-13STATE to secure its equipment contained within the used space of the Eligible Structure. This charge is expressed as a recurring rate on a rack, bay, or frame basis and was developed based on implementation of varying combinations of the following security measures and devices:

- Interior Security Partition separating AT&T-13STATE equipment
- Provisioning of door locks and keying of existing doors
- Door access controller and network controller necessary for a card reader system
- Security camera systems
- Locking cabinets for network equipment
- Combination door locks
- Cable locks for computer terminals and test equipment
- Secure ID/password protection for computer systems
- Emergency exit door alarm

19.2.2.3 Caged Common Collocation in AT&T-13STATE

19.2.2.3.1 The Caged Common Collocation option provides the collocators with an enclosure (not including a top). This enclosure is an area designated by AT&T-13STATE within an Eligible Structure to be used by the collocators for the sole purpose of installing, maintaining and operating the collocator-provided equipment.

19.2.2.3.2 Caged Common Collocation space will be provided where space permits when five (5), or more collocators have provided AT&T-13STATE with their

forecasted space requirements accompanied with a firm order and twenty-five percent (25%) of non-recurring charges for the forecasted space as deposit. When these criteria have been met, AT&T-13STATE will construct a common cage minimum of 550 sq. ft. of space unless collocators' combined forecasted space needs for the initial year exceed 550 sq. ft., in which case, AT&T-13STATE will construct the cage to the collocators' combined forecasts for the initial year. Charges to each collocator will be based on its forecasted linear footage of floor space and adjusted by the occupancy factor. Subsequent additions to the Caged Common Collocation area will be based on firm orders with the Collocator(s) requesting additional space bearing the costs for such expansion.

19.2.2.3.3 AT&T-13STATE will provide a caged enclosure (without a top), cable rack and support structure inside the cage, lighting, receptacles, cage grounding, cage sign and door key set. Terms and conditions for contractors performing cage construction activities are set forth in Section 16 of this Appendix.

19.2.2.3.4 AT&T-13STATE will provide floor space site conditioning and Safety and Security charges per rack, bay, or frame and Floor Space, Caged Common Systems Materials, and Cage Preparation in increments of one linear foot. The first collocator in AT&T-13STATE's premises will be responsible only for its pro rata share of the cost of site preparation and security.

19.2.2.3.5 Charges to each collocator will be based per rack, bay, or frame and linear foot of rack space used by each collocator. Rates and charges are contained in the Collocation Rate Summary.

19.2.2.3.6 Establishing and maintaining a 550 sq. ft. floor space minimum requirement for Caged Common Collocation, where applicable, will not be a basis for a claim that space is Legitimately Exhausted.

19.2.2.3.6.1 Eligible Structure Floor Space Charges

Consists of the following elements which are based on the average cost for AT&T-13STATE within AT&T-13STATE.

- Construction costs
- Operating costs

19.2.2.3.6.2 Site Conditioning Charge

Consists of the following and represents costs necessary to condition basic floor space to accommodate telecommunications equipment per rack, bay, or frame:

- New floor tile
- General lighting
- House service receptacles
- Emergency lighting
- Pullbox for fiber optic cable
- Electrical panel for lights and receptacles
- 4" conduit (initial placement) for fiber optic cable from vault to the common pullbox
- Cable slots for routing of power and transmission cables
- Fire-rated partitions where required
- HVAC where not existing
- Demolition work where required

19.2.2.3.6.3 Common Systems Materials Charge

Consists of the following elements per linear foot and represents the following charges:

- Installation and maintenance of iron work, racking, and lighting above the Common Cage.

19.2.2.3.6.4 Safety and Security

This charge represents reasonable costs incurred by AT&T-13STATE to secure its equipment contained within the Eligible Structure. This charge is expressed as a recurring rate on a per rack, bay or frame and was developed based on implementation of varying combinations of the following security measures and devices:

- Interior Security Partition separating AT&T-13STATE equipment
- Provisioning of door locks and keying of existing doors
- Door access controller and network controller necessary for a card reader system
- Security camera systems
- Locking cabinets for network equipment
- Combination door locks
- Cable locks for computer terminals and test equipment
- Secure ID/password protection for computer systems
- Emergency exit door alarms

19.2.2.3.6.4.1 In the event AT&T-13STATE elects to erect an interior security partition in a given Eligible Structure to separate its equipment, the lesser of the costs of the partition or a security camera system for such Eligible Structure shall be applicable. In no event shall a telecommunications carrier be required to pay for both an interior security partition to separate AT&T-13STATE's equipment in an Eligible Structure and a security camera system for such Eligible Structure. Construction of interior security partition shall not impair access to telecommunications carriers equipment that is collocated under cageless option.

19.2.2.3.6.5 Cage Preparation

Consists of the following elements and represents charges unique to the Collocator making the request. Rates and charges are as found in the Collocation Rate Summary:

- Grounded wire partition
- Door key set
- Lights
- Outlets
- Cable rack and support structure inside the cage
- Cage sign

19.2.2.3.6.6 REMOTE SWITCH MODULE (RSM) Option

The additional Dedicated Heating Ventilating and Air Conditioning (HVAC) Charge consists of the necessary dedicated ductwork extensions from the branch duct to the caged common collocation area including downturns and diffusers required to handle the additional heat load created by the Remote Switch Module (RSM) option. The Dedicated Power Plant Space Charge is a floor space rental charge based on the square footage required for a power plant layout with batteries.

19.2.3 DC Power Amperage Charge

19.2.3.1 This is a monthly recurring charge which is determined by multiplying the per DC amp rate by the total amount of DC amps provided over one of the two power feeds ordered by the Collocator for its power arrangement. By way of example, where CLEC orders DC Power in a 20-amp increment, it will be considered to have ordered two 20-amp power feeds and AT&T-13STATE will provision two (2) twenty (20) AMP DC power leads (for a combined total of forty (40) AMPs),but AT&T-13STATE shall only bill CLEC the monthly recurring charge applicable to DC Power for a total of twenty (20) AMPs. The DC power charge per amp consists of the use of: DC power plant, backup generator, batteries & rectifiers, BDFB, associated hardware & cabling, and AC energy to convert to DC power.

19.2.3.2 Heating, Ventilating, and Air Conditioning (HVAC)

19.2.3.2.1 This sub-element consists of the elements necessary to provide HVAC within the Eligible Structure to the collocation arrangement and is based on the heat dissipation required for each 10 AMPS of DC Power. Charges for this sub-element are specified in attached pricing schedule.

19.2.4 DC Power Arrangement Provisioning

19.2.4.1 The DC Power Arrangement is the installation of the power cable and the cable rack including support and fabrication material expressed as a combination of a nonrecurring and monthly rate for either 2-20 AMP, 2-50 AMP, or 2-100 AMP feeds.

19.2.5 DC Power Panel (Maximum 50 AMP)(Optional)

19.2.5.1 This DC power panel is optional with each application requiring DC power designed to provide up to 50 (maximum) AMPS per feed of DC current. This rate element may be provided by AT&T-13STATE.

19.2.6 DC Power Panel (Maximum 200 AMP)(Optional)

19.2.6.1 At least one (1) DC power panel is required with each application requiring DC Power when designed to provide between 50 and 200 AMPS per feed of DC current however the Collocator may substitute the required power panel with an equivalent power panel subject to meeting NEBS Level 1 Safety and review by AT&T-13STATE technical support. This rate element may be provided by AT&T-13STATE.

19.2.7 Eligible Structure Ground Cable Arrangement, Each

19.2.7.1 The ground cable arrangement is the cabling arrangement designed to provide grounding for equipment within the Collocator's Dedicated Space. Separate Ground Cable Arrangements are required for Integrated and Isolated Ground Planes. Isolated Ground Planes require a Ground Cable Arrangement in the Collocator's Dedicated Space.

19.2.8 Security Cards

19.2.8.1 The Security Cards Charge consists of a charge per five (5) new cards or replacement cards, for access cards, and ID cards. Rates and charges are as found in the

Collocation Rate Summary of this Appendix. AT&T-13STATE will issue access cards and/or ID cards within twenty-one (21) days of receipt of a complete and accurate AT&T-13STATE Photo ID Card and Electronic Access For Collocators and Associated Contractors form, which is located on the telecommunications carrier ONLINE website https://clec.att.com/clec. In emergency or other extenuating circumstances (but not in the normal course of business), Collocator may request that the twenty-one (21) day interval be expedited, and AT&T-13STATE will issue the access and/or ID cards as soon as reasonably practical.

19.2.9 Standard Frame or Cabinet, Each (Optional)

19.2.9.1 The Collocator may elect to provide its own bay or cabinet in either its cage space or in a cageless space designated by AT&T-13STATE or may request that AT&T-13STATE provide and install the bay or cabinet in the cageless space only. If the Collocator elects for AT&T-13STATE to provide a bay or cabinet, the rates and charges are as found in the Collocation Rate Summary of this Appendix. When, at the Collocator's option, a bay or cabinet is placed in space designated by AT&T-13STATE, appropriate floor space charges will apply. The bay or cabinet may be designated as the physical point of termination for interconnection between the Collocator's facilities and AT&T-13STATE facilities, previously referred to as "Point of Termination (POT) bay."

19.2.10 Entrance Facility Conduit to Vault, Per Cable Sheath

19.2.10.1 Any reinforced passage or opening placed for the Collocator provided facility in, on, under/over or through the ground between AT&T-13STATE designated manhole and the cable vault of the Eligible Structure.

19.2.11 Entrance Fiber Charge, Per Cable Sheath

19.2.11.1 The Entrance Fiber Charge reflects the time interval spent by AT&T-13STATE in pulling the Collocator's cable facilities from AT&T-13STATE designated manhole, through AT&T-13STATE cable vault and through AT&T-13STATE cable support structure to the Collocator's equipment.

19.2.12 ILEC to Collocator Interconnection Arrangement Options

19.2.12.1 Collocator will select one or more of the interconnection arrangements listed below.

19.2.12.1.1 DS1 Interconnection Cable Arrangement (DSX or DCS), Each

19.2.12.1.1.1 AT&T-13STATE-provided cable arrangement of twenty eight (28) DS1 connections per cable arrangement between the Collocator's optional POT Frame or equipment bay and AT&T-13STATE network. This rate element may not be provided by the Collocator. The Collocator will not be permitted access to AT&T-13STATE Main Distribution Frame. If regeneration is required because the cabling distance between the Collocator's POT bay or termination point located in an Adjacent Structure and AT&T-13STATE's cross-connect bay exceeds ANSI limitations or where the Collocator specifically requests regeneration, it will be at the Collocator's expense. Regeneration is not required in any other circumstance. Rates and charges are as found in the Collocation Rate Summary of this Appendix.

19.2.12.1.2 DS3 Interconnection Cable Arrangement (DSX or DCS), Each

19.2.12.1.2.1 AT&T-13STATE-provided cable arrangement of one (1) DS3 connection per cable arrangement between the Collocator's optional POT Frame or equipment bay and

AT&T-13STATE network. This rate element may not be provided by the Collocator. The Collocator will not be permitted access to AT&T-13STATE Main Distribution Frame. If regeneration is required because the cabling distance between the Collocator's POT bay or termination point located in an Adjacent Structure and AT&T-13STATE's cross-connect bay exceeds ANSI limitations or where the Collocator specifically requests regeneration, it will be at the Collocator's expense. Regeneration is not required in any other circumstance. Rates and charges are as found in the Collocation Rate Summary of this Appendix.

19.2.12.1.3 DS0 Voice Grade Interconnection Cable Arrangement, Each

19.2.12.1.3.1 AT&T-13STATE provided cable arrangement that provides one hundred (100) DS0 copper (non-shielded) or (shielded) connections between the Collocator's optional POT frame or equipment bay and AT&T-13STATE network. These rate elements may not be provided by the Collocator. The Collocator will not be permitted access to AT&T-13STATE Main Distribution Frame.

19.2.13 Optical Circuit Arrangement

19.2.13.1 This sub-element provides for the cost associated with providing twelve (12) fiber connection arrangements to AT&T-13STATE network. This rate element may not be provided by the Collocator. The Collocator will not be permitted access to AT&T-13STATE Main Distribution Frame.

19.2.14 Bits Timing (Per two circuits) (Optional)

19.2.14.1 AT&T-13STATE provided single signal from AT&T-13STATE timing source to provide synchronization between a Collocator's single Network Element and AT&T-13STATE's equipment.

19.2.15 Timing Interconnection Arrangement (Optional)

19.2.15.1 Timing lead (1 pair) of wires provided by AT&T-13STATE to the Collocator's dedicated Collocator's Physical Collocation space or optional POT frame or equipment bay.

19.2.16 Collocation Availability Space Report Fee

19.2.16.1 This rate element provides for costs associated with providing a reporting system and associated reports indicating the amount of collocation space available, the number of collocators, any modifications in the use of space since the generation of the last available report, and measures that AT&T-13STATE is undertaking to make additional space available for collocation.

19.2.17 Pre-visits

19.2.17.1 General Applications

19.2.17.1.1 Prior to submitting an application, the prospective Collocator may elect to arrange with AT&T-13STATE to visit an Eligible Structure for the purpose of permitting the Collocator to determine if the structure meets its business needs and if space is available in the structure for the potential Collocator's Physical Collocation arrangement. If the prospective Collocator elects to pre-visit AT&T-13STATE's Eligible Structures must submit its request in writing ten (10) business days in advance. Pre-visits will be scheduled for a date that is mutually agreeable to both Parties.

Prospective Collocator will not be allowed to take photographs, make copies of AT&T-13STATE site-specific drawings or make any notations.

19.2.17.1.2 For pre-visits, AT&T-13STATE will limit the number of AT&T-13STATE employees attending the pre-visit to one of AT&T-13STATE's employee, unless a different number of AT&T-13STATE employees is mutually agreed upon. The Collocator will only be billed for the times of the employee approved by the Collocator and not for additional employees not mutually agreed upon to attend the pre-visit. If any travel expenses are incurred, the Collocator will be charged for the time AT&T-13STATE employees spend traveling and will be based on fifteen-minute increments.

19.2.18 Construction Inspections

19.2.18.1 During the construction of all forms of Physical Collocation space required under this Appendix, Collocator shall be permitted up to four (4) inspections during the construction in an Eligible Structure during normal business hours with a minimum of two (2) hours advance notification. If the construction interval is extended beyond the agreed upon interval, Collocator will be granted two (2) additional visits per thirty (30)-day extension. Requests for construction inspections shall be given to the contact number as specified in Section 4.2. If any travel expenses are incurred, the Collocator will be charged for the time AT&T-13STATE employees spend traveling and will be based on fifteen (15)-minute increments.

19.2.19 Adjacent On-site Structure Arrangements

19.2.19.1 Adjacent On-site Structure Arrangements

19.2.19.1.1 If a Collocator elects to provide an Adjacent On-site structure as described in Section 6.1.1 E. preceding, when all available space is Legitimately Exhausted inside AT&T-13STATE Eligible Structure, AT&T-13STATE will charge Planning Fees to recover the costs incurred to estimate the quotation of charges for the Collocator's Adjacent On-Site Structure Arrangement request. Rates and charges are found in the Collocation Rate Summary of this Appendix. In addition, should the Collocator elect to have AT&T-13STATE provision an extension of DC Power Service from the Eligible Structure to the Adjacent Structure, a DC Power Panel will be required.

19.2.19.2 Adjacent On-site Planning Fee

19.2.19.2.1 An initial Planning Fee will apply when a Collocator is requesting any Interconnection Terminations between the Collocator's Adjacent On-site structure and AT&T-13STATE on an Adjacent On-site initial or subsequent collocation application. This fee recovers the design route of the Interconnection Terminations as well as the design route of the power arrangement to the Collocator's Adjacent On-site structure.

19.2.20 Adjacent Off-site Arrangement

19.2.20.1 Adjacent Off-site Structure Arrangements

19.2.20.1.1 If the Collocator elects to provide an Adjacent Off-site structure as defined in 2.0. of this Appendix and as described in Section 6.1.1 preceding, when all available space is Legitimately Exhausted inside AT&T-13STATE Eligible Structure and Collocator's Adjacent On-site Space is not within 50 feet of the Eligible Structure's outside perimeter wall, AT&T-13STATE will provide the following sub-elements to the extent technically feasible. The Adjacent Off-site Arrangement is

available if the Collocator's site is located on a property that is contiguous to or within one standard city block of AT&T-13STATE's Central Office or Eligible Structure. When the Collocator elects to collocate by Adjacent Off-site Arrangement, the Collocator shall provide both AC and DC Power required to operate such facility. Rates and charges for these sub-elements are as found in the Collocation Rate Summary of this Appendix.

19.2.20.2 Planning Fee Adjacent Off-site Arrangement

19.2.20.2.1 Planning Fee will apply when a Collocator is requesting any Interconnection Terminations between the Collocator's Adjacent Off-site structure and AT&T-13STATE on Adjacent Off-site initial or subsequent collocation application. This fee recovers the design route of the Interconnection Terminations to the Collocator's Adjacent Off-site structure. Rates and charges are found in the Collocation Rate Summary of this Appendix.

19.2.21 Conduit Space for Adjacent Off-site Arrangement

19.2.21.1 Any reinforced passage or opening placed for the Collocator provided facility in, on, under/over or through the ground between AT&T-13STATE designated manhole and the cable vault of the eligible structure. Rates and charges are as found in the Collocation Rate Summary following.

19.2.22 Two Inch Vertical Mounting space in CEVs, Huts and Cabinets

19.2.22.1 A two-inch vertical mounting space in a standard equipment mounting in a CEV, Hut or cabinet for the placement of equipment. The number of two-inch vertical mounting spaces required is determined by the size of the equipment to be placed plus additional space required for heat dissipation and ventilation of the equipment to be placed in adjacent equipment.

19.2.23 Miscellaneous Charges (Optional)

19.2.23.1 Consists of charges for miscellaneous construction-related items associated with Cageless Pot Bay or cabinet.

19.2.24 Collocation to Collocation Connection

19.2.24.1 This rate element includes physical-to-physical and physical-to-virtual connection options.

19.2.24.1.1 Fiber Cable (12 Fibers)

19.2.24.1.1.1 This rate element is for AT&T-13STATE to provide and install direct cabling using fiber cable (12 fiber pairs) between two (2) collocation arrangements at an Eligible Structure expressed as a combination of a non-recurring and recurring rate.

19.2.24.1.2 Copper Cable (28 DS1s)

19.2.24.1.2.1 This rate element is for AT&T-13STATE to provide and install for direct cabling using copper cable (28 DS1s) between two (2) collocation arrangements at an Eligible Structure expressed as a combination of a non-recurring charge and a monthly rate.

19.2.24.1.3 Coax Cable (1 DS3)

19.2.24.1.3.1 This rate element is for AT&T-13STATE to provide and install for direct cabling using coaxial cable (1 DS3)

between two (2) collocation arrangements at an Eligible Structure expressed as a combination of a non-recurring charge and a monthly rate.

19.2.24.1.4 Cable Racking and Hole

19.2.24.1.4.1 This sub-element provides for cable rack space for copper, coax and optical cabling between two collocation arrangements and the required terminations at each Physical Collocation arrangement(s) at an Eligible Structure.

19.2.24.1.5 Route Design

19.2.24.1.5.1 This sub-element provides the route design for collocation-to-collocation connections. This sub-element is expressed as a nonrecurring charge.

20. COMPLETE SPACE DISCONTINUANCE, SPACE REASSIGNMENT, POWER REDUCTION AND INTERCONNECTION TERMINATION REDUCTION

This section provides rates, terms and conditions for Complete Space Discontinuance, Space Assignment, Power Reduction and Interconnection Termination Reduction

20.1 Complete Space Discontinuance

The Collocator may discontinue an existing Physical Collocation Arrangement which may include equipment, equipment bays, interconnection facilities (e.g., power, timing, grounding and interconnection cabling) and Collocator infrastructure installed within its Physical Collocation space. The Collocator is required to provide a complete and accurate Physical Collocation Application requesting to discontinue its existing Physical Collocation Arrangement. The Collocator must complete the following activities within thirty (30) calendar days from the day the Physical Collocation application was submitted. If the following activities have been initiated but not completed within the intial thirty (30) days, Collocator may request an additional thirty (30) calendar days to complete the following activities:

(A) Remove Collocator's equipment bays (relay racks) from the Physical Collocation space, using a Company approved Tier 1 or Tier 2 vendor.

(B) Remove Collocator's equipment from the Physical Collocation space, using a Company approved Tier 1 or Tier 2 vendor;

(C) Remove terminations at both ends of cable (e.g. power, timing, grounding, and interconnection) and cut cables up to the Company rack level. Collocator must use a Company approved Tier 1 vendor for this procedure and that vendor must follow TP76300 guidelines for cutting and capping the cable at the rack level. Collocator also has the option of contracting an AT&T-13STATE approved Tier 1 vendor certified for removal of cabling to remove the cabling beyond the Company rack level versus the Company performing this work and billing the Collocator.

(D) Remove Collocator's entrance cable between the Physical Collocation Arrangement and the first manhole in accordance with the provisions of this section, using a Company approved Tier 1 vendor;

(E) Remove Collocator's miscellaneous items from within the Physical Collocation space, using an AT&T approved Tier 1 or Tier 2 vendor.

20.1.1 For complete space discontinuance, Collocator will not be responsible for repairing floor tile damaged during removal of relay racks and equipment, nor will Collocator be responsible for cable mining (removal). Instead the company will perform those tasks. Collocator will pay for those tasks through rate elements listed in 20.6.1. Collocator also has the option of contracting an AT&T-13STATE approved Tier 1 vendor certified for removal of cabling to remove cabling beyond the Company rack level versus the Company performing this work and billing the Collocator.

20.1.2 If the Collocator fails to complete the items identified in 20.1 within the time specified in Section 20.1 above, the Company may complete those items and charge the Collocator for any and all claims, expenses, fees or other costs associated with any such completion by AT&T, including any materials used and the time spent at the hourly rate for custom work. This work will be performed at the Collocator's risk and expense, and the Collocator will hold the Company harmless from the failure to return any equipment, property or other items.

20.1.3 When discontinuance of the Physical Collocation Arrangement involves the removal of fiber entrance cable, the Collocator's Company approved Tier 1 vendor is only responsible for physically removing entrance cables housed in conduits or inner-ducts and may do so only after the Company confirms that such removal can be accomplished without damaging or endangering other cables contained in a common duct or other equipment resigning in the Central Office.

20.2 Space Reassignment

In lieu of submitting an application to discontinue a Physical Collocation Arrangement per section 20.1, the Collocator ("Exiting CLEC") may reassign the Physical Collocation Arrangement to another CLEC ("CLEC Assignee") subject to certain terms and conditions outlined below. Any such reassignment of the Physical Collocation Arrangement may not occur without the written consent of the Company. In order to request consent to assign a Physical Collocation Arrangement, either the CLEC Assignee or Exiting CLEC may submit a Collocation Application on behalf of both the Exiting CLEC and CLEC Assignee, Space Reassignment shall be subject to the following terms and conditions:

20.2.1 CLEC Assignee must, as of the date of submission of the Physical Collocation Application, have an approved ICA.

20.2.2 Exiting CLEC will be liable to pay all nonrecurring and monthly recurring collocation charges on the Physical Collocation Arrangement to be reassigned until the date the Company turns over the Physical Collocation Arrangement to the CLEC Assignee. Any disputed charges shall be subject to the dispute resolution provisions herein. The Company's obligation to turn over the Physical Collocation Arrangement shall not arise until all undisputed charges have been paid and all disputed charges have been deposited into an escrow account in accordance with Section 8 of the General Terms and Conditions. CLEC Assignee's obligation to pay monthly recurring charges for a Physical Collocation Arrangement will begin on the date the Company makes available the Physical Collocation Arrangement to the CLEC Assignee.

20.2.3 An Exiting CLEC may not reassign Physical Collocation space in a central office where a waiting list exists for Physical Collocation space, unless all CLECs on the waiting list above the CLEC Assignee decline their position. This prohibition does not apply in the

case of an acquisition, merger or complete purchase of the Exiting CLEC's assets within the specific central office.

20.2.4 CLEC Assignee will defend and indemnify the Company from any losses, costs (including court costs), claims, damages (including fines, penalties, and criminal or civil judgments and settlements), injuries, liabilities and expenses (including attorneys' fees) if any other person, entity or regulatory authority challenges the reassignment of any Physical Collocation Arrangement(s) or otherwise claims a right to the space subject to the reassignment;

20.2.5 CLEC Assignee or the Exiting CLEC shall submit one (1) complete and accurate application for each Physical Collocation Arrangement. By submitting an application for a Physical Collocation Arrangement, CLEC Assignee represents warrants and agrees that it has obtained an executed sale or lease agreement for and holds proper title to all non-Company equipment and other items in or otherwise associated with each Physical Collocation Arrangement. CLEC Assignee further agrees to indemnify and hold the Company harmless from any third-party claims involving allegations that CLEC Assignee does not hold proper title to such non-Company equipment and other items.

20.2.6 The Company will respond to the Physical Collocation Application within ten (10) calendar days of submission of the completed application, including provision of a price quote. CLEC Assignee must pay 100% of all non-recurring charges in the price quote before the Company begins to convert the Physical Collocation Arrangement being reassigned. Once CLEC Assignee has paid 100% of all such non-recurring charges, the Company shall finish the work to convert the space within thirty (30) calendar days. The Company and CLEC Assignee will coordinate all conversion work to insure that the end user customers of CLEC Assignee do not suffer disruptions of service.

20.2.7 CLEC Assignee may submit a security application for access to a Physical Collocation Arrangement simultaneously with the Physical Collocation Application. If a completed security application is provided at the time the Collocation Application is filed, the security cards will be made available at the time that the collocation space is turned over. If the security application is not provided at the time that the Collocation Application is filed, then CLEC Assignee may submit a security application for access at any time and the terms and conditions as provided in this Agreement will apply. In no event will the security cards be provided to the CLEC Assignee before the assigned space is turned over.

20.2.8 CLEC Assignee assumes each Physical Collocation Arrangement "as is" which means that the Company will make no changes to the Physical Collocation Arrangement, including no changes to power, interconnection and entrance facilities. Any modifications to such Physical Collocation Arrangement by CLEC Assignee must be submitted via a separate augment application (or as otherwise provided by the applicable ICA).

20.2.9 This section 20.2 does not affect any obligations arising outside of this Agreement.

20.3 Power Reduction

The Collocator may request to decrease the amount of existing power available to a Physical Collocation Arrangement. This can be done either by disconnecting and removing a power cable feed or by fusing down the amperage on a power cable feed. If the Collocator desires to disconnect a power arrangement (A&B feed), the Collocator will be responsible for paying the costs

to remove the A&B power cable feeds that make up the power arrangement. If the Collocator desires to reduce the amperage on a power cable feed, the Collocator will be responsible for paying the costs necessary to change the fuse that serves the A&B feeds at the Company power source. In either case, the Collocator must maintain a minimum amount of power on at least one power arrangement (A&B feed) to service their Physical Collocation Arrangement when submitting their power reduction request. The Collocator shall submit an augment application in order to process this request.

If the Collocator desires to only reduce the fuse capacity on an existing power arrangement (A&B feed) rather than disconnect and remove cable to an existing power arrangement, they may only reduce the fuse size to the lowest power amp increment offered in this Agreement. Different minimum amp increments apply for power arrangements fed from either a Company BDFB or a Company Power Plant. When the Collocator is requesting to reduce the fuse capacity only, the fees referenced in section 20.5.3 will apply. When the Collocator has only one power arrangement (A&B feed) serving their Physical Collocation Arrangement, a fuse reduction is the only power reduction option available to the Collocator.

When a power reduction request involves a fuse change only on a power arrangement serviced from the Company BDFB (i.e. power arrangements consisting of a 50 amp A feed and a 50 amp B feed and below) the Collocator must hire a Company approved power vendor to coordinate fuse changes at the Company BDFB. Applicable fees referenced in section 20.5.4 will still apply. When a power reduction request involves a fuse change on a power arrangement serviced from the Company Power Plant (i.e. power arrangements consisting of a 100 amp A feed and a 100 amp B feed and above), the Company shall coordinate the fuse changes at the Company Power Plant.

When a power reduction request requires disconnecting and removing a power cable feed from either the Company's BDFB or Power Plant, the Company will perform the power cable removal work above the rack level (cable mining). Applicable fees referenced in section 20.5.3 will apply. Within 30 days after submitting its power reduction request to disconnect and remove a power arrangement, the Collocator must perform the following activity.

(A) Remove terminations at both ends of the power cable feed and cut cables up to the Company rack level. Collocator must use a Company approved Tier 1 vendor for this procedure and that vendor must follow TP76300 guidelines for cutting and capping the cable at the rack level.

When the Collocator has multiple power arrangement serving a Physical Collocation Arrangement (i.e., one power arrangement consisting of 50 amps on the A feed and 50 amps on the B feed and a second power arrangement consisting of 20 amps on the A feed and 20 amps on the B feed), the Collocator has the option of either fusing down the 50 amp power arrangement (A&B feed) or disconnecting and removing the power cable feed from the 50 amp power arrangement (A&B feed). If the Collocator chooses to disconnect and remove the power cable feed from a power arrangement (A&B feed), then the charges referenced in section 20.5.3 will apply. If the Collocator has multiple power arrangements (A&B feed) where they can request both a fuse reduction and a power cable removal for one Physical Collocation Arrangement [i.e. reduce one power arrangement from 50 amps (A&B feed) to 20 amps (A&B feed) and remove the power cable from a second power arrangement from 50 amps (A&B feed) to 0 amps (A&B feed)], then the project management fee for power cable removal referenced in section 20.5.3 will apply in addition to the individual charges referenced in either section 20.5.3, or 20.5.4 associated with the overall power reduction request.

For any power reduction request (one which involves either a disconnect and removal, refusing only, or a combination of the two), the Collocator must submit an augment application for this

request along with the appropriate application and project management fees referenced in section 20.5. The same augment intervals that are outlined in this Agreement for adding power will apply to power reduction requests.

20.4 Interconnection Termination Reduction

The Collocator may request a reduction of the existing amount of interconnection terminations that service a Physical Collocation Arrangement. The Collocator shall submit an augment application in order to process this request. The Collocator must maintain at least one minimum interconnection arrangement increment. The same augment intervals that are outlined in this Agreement for adding interconnection terminations will apply to interconnection termination reductions.

Interconnection termination reduction requests will always require the disconnection and removal of interconnection cable. The Company will perform the interconnection cable removal work above the rack level (cable mining). Applicable fees referenced in section 20.5.5 will apply. Within thirty (30) days after submitting its interconnection termination reduction request to disconnect and remove an interconnection arrangement from its Physical Collocation Arrangement, the Collocator must perform the following activity.

(A) Remove terminations at both ends of the interconnection cable and cut cables up to the Company rack level. Collocator must use a Company approved Tier 1 vendor for this procedure and that vendor must follow TP76300 guidelines for cutting and capping the cable at the rack level.

20.5 Rate Element Descriptions

20.5.1 Rate Element Descriptions for Complete Space Discontinuance

A. Application Fee – The charge assessed by the Company to process the Collocator's application for Physical Collocation Arrangements.

B. Project Management Fee – Complete Space Discontinuance – Reflects the Company's labor costs to project manage the complete discontinuance of the Collocator's space. The labor costs include the Company engineering and real estate costs for planning design of floor tile restoration, interconnection, power and entrance cable removal, stenciling, floor plans, and DC power records.

C. Remove Fiber Jumpers – Remove four fiber jumpers from the Fiber Troughing Duct.

D. Remove Fiber Cables – Remove fiber cable sheaths (1-216 fibers) on dedicated fiber racking. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, waxed cable cord/twine, gray paint for removing plotter paper for Central Office drawings and transportation and taxes as appropriate.

E. Remove VF/DS0 Cable – Remove cable sheaths totaling 100 pairs and each 100 pair connecting block from the MDF or IDF. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, gray paint for removing stenciling on frame, fire stop material, 8.5"x11" paper for engineering order, plotter paper for Central Office drawings and transportation and taxes as appropriate.

F. Remove DS1 Cable – Remove two sheaths, on transmit and one receive, comprising of a total of 28 DS1 circuits to an existing DSX1 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, blank labels for DSX shelf, 8.5"x11" paper for engineering job order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

G. Remove DS3 Cable (Coax) – Remove two coax cables per DS3 circuit to an existing DSX3 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, fire stop material, blank labels for DSX shelf, 8.5"x11" paper for engineering order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

H. Remove Timing Cable – Remove a single timing lead (P7 wire). Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, CO timing book sheet, 8.5"x11" paper for engineering order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

Note 1 for Material: Cable scrap boxes are designed for cable cut into 3 foot lengths. This box is capable of handling 1000 pounds of weight, supporting forklift forks or floor jack lifts, moisture resistant, puncture resistant, and designed to be loaded into railroad cars for shipping.

I. Remove Power Cable – Distribution from the Company BDFB (60 amp A feed and 60 amp B feed & below power arrangements) – Remove 4 power cables, including fuses and fuse panel. Removal activity also requires all costs associated with the power cable removal, packing and shipping, removing stenciling from BDFB, and updating documents as required.

J. Remove Power Cable – Distribution from the Company Power Board (100 amp A feed and 100 amp B feed & above) – Remove 750 MCM cable (4 runs @ 180 feet), and remove and junk fuses and power panel. Removal activity also requires cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, gray paint for removing stenciling on Power Board, fire stop material, blank labels for BDFB, yellow job wallet, 8.5"x11" paper for engineering order, plotter paper for Central Office drawings and transportation and taxes as appropriate.

K. Remove Cage Grounding Material – Remove collocation cage grounding lead and ground bar. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, yellow job wallet, 8.5"x11" paper for engineering order, plotter paper for Central Office drawings and transportation and taxes as appropriate.

L. Remove Fiber Entrance Cable – Remove fiber entrance cable from 1st manhole closest to the Central Office through cable vault to its endpoint termination in the collocation space (average 300' of cable). Removal activity also requires infrastructure maps and records, engineering work order, pump/ventilate manhole, safety inspection and removal of safety hazards, fire stops, and mechanized cable pulling tools.

M. Restore Floor Tile - Standard Bay - Remove floor tile & Drive Anchors Flush with Floor Slab, install 547 Floor Patch, apply floor adhesive, and install Vinyl Composite Floor Tile (VCT). Clean & Wax Floor Tile, abatement of asbestos containing Floor Tile, and Air Monitoring for Abatement.

N. Restore Floor Tile – Non-Standard Bay - Remove floor tile & Drive Anchors Flush with Floor Slab, install 547 Floor Patch, apply floor adhesive, and install Vinyl Composite Floor Tile (VCT). Clean & Wax Floor Tile, abatement of asbestos containing Floor Tile, and Air Monitoring for Abatement.

Note 1 for Material: Cable scrap boxes are designed for cable cut into 3 foot lengths. This box is capable of handling 1000 pounds of weight, supporting forklift forks or floor jack lifts, moisture resistant, puncture resistant, and designed to be loaded into railroad cars for shipping.

20.5.2 Rate Element Descriptions for Space Reassignment

A. Application Fee – The charge assessed by the Company to process the Collocator's application for Physical Collocation Arrangements.

B. Project Management Fee – Space Reassignment/Restenciling - This fee applies to Space Reassignment request when a "CLEC Assignee" chooses to assign the rights to a Physical Collocation Arrangement from an "Exiting CLEC." The charge reflects the Company's labor costs to project manage the changes/removals and update Central Office inventory/provisioning records, stenciling, floor plans, and DC power records associated with serving the Physical Collocation Arrangement.

C. Restencil DS0/DSL Block – The charge to remove/change stenciling on MDF or IDF per 100 pair blocks.

D. Restencil DS1 Block– The charge to remove/change stenciling on DSX1 panel per 28 DS1s.

E. Restencil DS3 Block – The charge to remove/change stenciling on DSX3 panel per DS3.

F. Restencil Fiber Cable Block - The charge to remove/change stenciling on FDF per 12 pair cable.

G. Restencil Fiber Jumper Block - The charge to remove/change stenciling on FDF per 4 fiber jumpers.

H. Restencil Power – The charge to remove/change stenciling on power source and tag power cables per 1-4 fuses.

I. Restencil Timing – The charge to remove/change stenciling on timing source and tag timing cables per two cable feeds.

J. Timing Record Book Update – The charge to update timing records when changes/removals occur.

K. Interconnection Records Update – The charge to update interconnection records when changes/removals occur.

L. Power Records Update – The charge to update power records when changes/removals occur.

M. Vendor Engineering – The labor costs for the Company Vendor to write the specifications to perform the restenciling job including travel time and site visit.

20.5.3 Rate Element Descriptions for Power Reduction (cable removal)

A. Application Fee – The charge assessed by the Company to process the Collocator's application for Physical Collocation Arrangements.

B. Project Management Fee – Power Reduction (cable removal) - Reflects the Company's labor costs to manage the removal of the individual Collocator's power cable facilities used for or associated with serving the Physical Collocation Arrangement.

C. Remove Power Cable – Distribution from the Company BDFB (50 amp A feed and 50 amp B feed and below power arrangements) – Remove 4 power cables, including fuses and fuse panel. Removal activity also requires all costs associated with the power cable removal, packing and shipping, removing stenciling from BDFB, and updating documents as required.

D. Remove Power Cable – Distribution from the Company Power Board (100 amp A feed and 100 amp B feed and above) – Remove 4 power cables, including fuses and fuse panel. Removal activity also requires all costs associated with the power cable removal, packing and shipping, removing stenciling from Power Board, and updating documents as required.

20.5.4 Rate Element Descriptions for Power Reduction (refusing only)

A. Application Fee – The charge assessed by the Company to process the Collocator's application for Physical Collocation Arrangements.

B. Project Management Fee – Power Re-Fusing Only at the Company BDFB (50 amp A feed and 50 amp B feed & below power arrangements) - Reflects the Company's labor costs to project manage the change of the power re-fusing change on the Collocator's power services associated with serving the Physical Collocation Arrangement when power fuses are being reduced at the Company BDFB. This fee is applicable when the Collocator is coordinating the fuse reduction at the Company BDFB.

C. Project Management Fee – Power Re-Fusing Only at the Company Power Board (100 amp A feed and 100 amp B feed & above power arrangements) - Reflects the Company's labor costs to project manage the change of the individual Collocator's power services associated with serving the Physical Collocation Arrangement when power fuses are being reduced at the Company Power Board. This fee is applicable when the Company is coordinating the fuse reduction at the Company Power Board.

D. Power Fuse Reductions on the Company BDFB (50 amp A feed and 50 amp B feed & below power arrangements) – The charge for the Company to tag cables and update Central Office power records associated with the fuse change on the Company BDFB per 1-4 fuses. This fee applies when the Collocator performs the fuse change at the BDFB.

E. Power Fuse Reductions on the Company Power Board (100 amp A feed and 100 amp B feed & above power arrangements) - The charge for the Company to change the fuse at the Company power board, tag cables and update Central Office power records associated with fuse change on the Company Power Board per 1-4 fuses.

20.5.5 Rate Element Descriptions for Interconnection Termination Reduction

A. Application Fee – The charge assessed by the Company to process the Collocator's application for Physical Collocation Arrangements.

B. Project Management Fee – Interconnection Termination Reduction – The charge reflects the Company's labor costs to project manage the removal of the interconnection cabling and update the interconnection block stenciling, Central Office and inventory/provisioning records associated with serving the Physical Collocation Arrangement.

C. Remove VF/DS0 Cable – Remove cable sheaths totaling 100 pairs and each 100 pair connecting block from the Company Main Distribution Frame to the Physical Colloction Arrangement.

D. Remove DS1 Cable – Remove two sheaths, on transmit and one receive, comprising of a total of 28 DS1 circuits to an existing DSX1 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, blank labels for DSX shelf, 8.5"x11" paper for engineering job order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

Note 1 for Material: Cable scrap boxes are designed for cable cut into 3 foot lengths. This box is capable of handling 1000 pounds of weight, supporting forklift forks or floor jack lifts, moisture resistant, puncture resistant, and designed to be loaded into railroad cars for shipping.

E. Remove DS3 Cable (Coax) – Remove two coax cables per DS3 circuit to an existing DSX3 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat

shrink wrap, waxed cable cord/twine, fire stop material, blank labels for DSX shelf, 8.5"x11" paper for engineering order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

F. Remove Fiber Cables – Remove fiber cable sheaths (1-216 fibers) on dedicated fiber racking. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, waxed cable cord/twine, gray paint for removing plotter paper for Central Office drawings and transportation and taxes as appropriate.

G. Remove Fiber Jumpers - Remove four fiber jumpers from the Fiber Troughing Duct.

Note 1 for Material: Cable scrap boxes are designed for cable cut into 3 foot lengths. This box is capable of handling 1000 pounds of weight, supporting forklift forks or floor jack lifts, moisture resistant, puncture resistant, and designed to be loaded into railroad cars for shipping.

21. RATES AND CHARGES – ILEC PRICING SCHEDULE (See the Collocation Rate Summary of this Appendix)

22. CDOW (CLEC DOING OWN WORK) - COLLOCATOR RESPONSIBILITIES

When the Collocator selects the option to provide, install, and terminate its interconnection and power cabling with an AT&T-13STATE Approved Vendor, the following Sections will apply. However, the terms and conditions within CDOW are not comprehensive. There are terms and conditions from the preceding Sections of this same Appendix that still apply for CDOW for rate elements that are not specifically addressed within the Collocation Rate Summary of this Appendix.

22.1 The Collocator has the option to provide, install and terminate its interconnection cabling between the Collocator's Dedicated Space and the AT&T-13STATE Main Distribution Frame or its equivalent by an AT&T-13STATE Approved Vendor. This option is only available if Collocator does all three (3) activities associated with interconnection cabling: provide, install and terminate. The Collocator may not elect to do some but not all the activities. Collocator must indicate on its Physical Collocation application that it has selected this option to apply to all interconnection cabling requested on the application. If Collocator selects this option, the Collocator must also select the option to provide, install and terminate its power cable leads described in Section 21.2 below. If Collocator selects this option, AT&T-13STATE will install and stencil termination blocks or panels at the AT&T-13STATE Main Distribution Frame or its equivalent for the handoff of the Actual Point of Termination (APOT) Connection(s) to the Collocator. Intervals and provisioning for this option are found Section 21.3. The Collocator's AT&T-13STATE Approved Vendor must obtain an approved Method Procedures (MOP) from AT&T-13STATE and follow AT&T-13STATE's Technical Publication TP 76300MP for installation of equipment and facilities;

22.2 The Collocator has the option to provide, install, and terminate its power cable leads between Collocator's Dedicated Space and AT&T-13STATE's Battery Distribution Fuse Bay (BDFB) by using an AT&T-13STATE Approved Power Installation Vendor. When the AT&T-13STATE designated power termination point is at the Power Plant Primary Distribution, the Collocator's AT&T-13STATE Approved Power Installation Vendor will provide and install the power cable leads, but not terminate. The Collocator must contact AT&T-13STATE Project manager five (5) business days prior to scheduling a request for the termination of the Collocator's power cable leads to AT&T-13STATE Power Plant Primary Distribution, which will be performed by AT&T-13STATE. This option is only available if the Collocator does all three (3) activities associated with the power cable lead unless described otherwise within this Section. The Collocator may not elect to do some but not all the activities unless otherwise permitted in this Section. If Collocator selects this option, the Collocator must also select the option to provide, install and terminate its interconnection cabling described in Section 21.1 above. Intervals and provisioning for this option are found in Section 21.3. The Collocator's AT&T-13STATE Approved Power Installation Vendor must obtain an approved Method of Procedures (MOP) from AT&T-13STATE

and follow AT&T-13STATE's Technical Publication TP 76300MP for installation of equipment and facilities.

22.3 Interval (Collocator Installs Interconnection and Power Cabling)

22.3.1 The intervals set forth in this Section 21.3 apply only when Collocator installs interconnection and power cabling. AT&T-13STATE will notify Collocator as to whether its request for space is been granted or denied due to a lack of space within ten (10) calendar days from receipt of a Collocator's accurate and complete Physical Collocation Application. If AT&T-13STATE determines that Collocator's Physical Collocation Application is unacceptable, AT&T-13STATE shall advise Collocator of any deficiencies within this ten (10) calendar day period. AT&T-13STATE shall provide Collocator with sufficient detail so that Collocator has a reasonable opportunity to cure each deficiency. To retain its place in the queue to obtain the Physical Collocation arrangement, Collocator must cure any deficiencies in its Application and resubmit such Application within ten (10) calendar days after being advised of deficiencies. Any changes to the amount or type of floor space, interconnection terminations, and power requested from the originally submitted Physical Collocation Application will not be considered a deficiency, but rather as a new Physical Collocation Application with a new ten (10) calendar day space notification and delivery interval.

22.3.2 The delivery interval relates to the period in which AT&T-13STATE shall construct and turnover to the Collocator the requested Physical Collocation Space. The delivery interval begins on the date AT&T-13STATE receives an accurate and complete Physical Collocation Application from the Collocator. The Collocator must provide AT&T-13STATE, within seven (7) calendar days from the date of notification granting the application request, a confirmatory response in writing to continue construction along with the 50% payment of non-recurring charges (unless payment was received with application) or the delivery interval provided will not commence until such time as AT&T-13STATE has received such response and payment. If the Collocator has not provided AT&T-13STATE such response and payment by the twelfth (12) calendar day after the date AT&T-13STATE notified Collocator its request has been granted, the application will be canceled. Dedicated Space is not reserved until AT&T-13STATE's receipt of the confirmatory response in writing from the Collocator with applicable fees.

22.3.3 The delivery interval for Caged or Cageless Physical Collocation is determined by AT&T-13STATE taking into consideration the various factors set forth in Table (1) below including, without limitation, the number of all Physical Collocation Applications submitted by Collocator, the type of Dedicated Space available for collocation, and the need for additional preparation of the space such as overhead racking, additional power or HVAC.

22.3.3.1 The delivery interval assigned will be provided to the Collocator by AT&T-13STATE with the ten (10) calendar day space notification. Each complete and accurate Physical Collocation Application received by AT&T-13STATE from the Collocator will be processed in the order received unless the Collocator provides a priority list, whichever is applicable.

Table (1)

Number of All Applications submitted by One Collocator per state or metering region	Overhead Iron/Racking Exists for Active Collocation Space Use	Overhead Iron/Racking Does Not Exist for Active Collocation Space Use	Additional Power or HVAC is not Required for the assigned Inactive Collocation Space Use	Additional Power or HVAC is Required for the assigned Inactive Collocation Space Use
1 - 10	60 calendar days	80 calendar days	140 calendar days	180 calendar days

11 – 20	65 calendar days	85 calendar days	145 calendar days	185 calendar days

22.3.3.2 Should the Collocator submit twenty-one (21) or more applications within ten (10) business days, the above delivery intervals will be increased by five (5) days for every five (5) additional applications or fraction thereof. Any material revision to an application will be treated as a new application and will be subject to the time intervals set forth above. For example, but not by way of limitation, if a Collocator submits twelve (12) Caged/Cageless Physical Collocation Applications in a state, the delivery intervals assigned by AT&T-13STATE will depend on which variables apply within each Eligible Structure Physical Collocation is requested.

22.3.3.3 If Applications (1-4) are for Physical Collocation Space where Active Collocation Space is available and overhead iron/racking exists, the delivery intervals assigned will be sixty (60) days. If Applications (5-6) are for Physical Collocation Space and only Inactive Collocation Space exists and additional power or HVAC is not required, the delivery interval assigned will be one hundred forty (140) calendar days. If Applications (7-12) are for Physical Collocation Space where Active Collocation Space is available and overhead iron/racking does not exist, the delivery intervals assigned to Applications (7-10) will be eighty (80) calendar days and for Applications (11-12) will be assigned eighty five (85) calendar days.

22.3.4 The second fifty percent (50%) payment must be received by AT&T-13STATE prior to the space being turned over to the Collocator. At space turnover, the Actual Point of Termination (APOT) Connection(s) will be provided to the Collocator by AT&T-13STATE.

22.3.5 For the following interconnection cabling Augments, the Collocator must submit a complete and accurate Physical Collocation Application:

- 168 DS1 connections and/or
- 48 DS3 connections and/or
- 400 Copper (shielded or nonshielded) cable pair connections
- 12 fiber pair connections

22.3.5.1 Applications (except requests for Adjacent Structure Collocation) received by AT&T-13STATE from a Collocator within a ten (10) business day period shall be treated as submitted at the same time for purposes of administering the above staggering intervals. The Caged and Cageless Collocation delivery interval ends when roughed in and the assigned space has been distinctly marked by AT&T-13STATE.

22.3.5.2 This application must include an up-front payment of the Planning Fee and fifty percent (50%) of all applicable non-recurring charges.

22.3.5.3 The delivery interval for the above Augments is determined by AT&T-13STATE taking into consideration the various factors set forth in Table (2) below including, without limitation, the number of all Physical Collocation Applications for the above Augments submitted by Collocator, the type of infrastructure available for collocation, and the need for additional preparation of the infrastructure such as overhead iron/racking and additional power.

22.3.5.4 The delivery interval assigned will be provided to the Collocator by AT&T-13STATE with the ten (10) calendar day Augment notification. Each complete and accurate Physical Collocation Application received by AT&T-13STATE from the Collocator will be processed in the order received unless the Collocator provides a priority list, whichever is applicable.

Table (2)

Number of All Applications submitted by One Collocator per state or metering region	Necessary Elements such as Iron/Racking and Power exist for Physical Collocation Use	Necessary Elements such as Iron/Racking and Power does not exist for Physical Collocation Use
1 – 10	30 calendar days	60 calendar days
11- 20	35 calendar days	65 calendar days

22.3.5.5 Should the Collocator submit twenty-one (21) or more Physical Collocation Applications for cabling Augments within ten (10) business days, the above delivery intervals will be increased by five (5) days for every five (5) additional application or fraction thereof. Any material revision to a Physical Collocation Application for cabling Augments will be treated as a new application and will be subject to the delivery intervals set forth in Table (2) above. All applications received by AT&T-13STATE from a Collocator within a ten (10) business day period shall be treated as submitted at the same time for purposes of administering the above staggering intervals.

For example, but not by way of limitation, if a Collocator submits twelve (12) Physical Collocation Applications for cabling Augments in a state, the delivery intervals assigned will depend on which variables apply within each Eligible Structure requested:

- If Applications (1-4) are for Physical Collocation cabling Augments where necessary elements such as overhead iron/racking and power exists, the delivery interval assigned will be thirty (30) days. If Applications (5-12) are for Physical Collocation where necessary elements such as overhead iron/racking and power does not exists, the delivery interval assigned to Applications (5-10) will be sixty (60) calendar days and for Applications (11-12) sixty five (65) calendar days.

22.3.6 For all Augments other than provided above, AT&T-13STATE will work cooperatively with Collocator to negotiate a mutually agreeable delivery interval.

22.3.7 Within twenty (20) calendar days or mutually agreed upon time, from AT&T-13STATE's receipt of the confirmatory response in writing to continue construction on the Physical Collocation job requested along with the fifty percent (50%) payment of non-recurring charges (unless payment was received with application), Network Support and/or appropriate departments will schedule a walk through visit with the telecommunications carrier and/or vendor to provide floor plans of space and the preliminary route design for the interconnection and power cabling.

22.4 Rate Elements for AT&T-13STATE Central Offices

22.4.1 Caged Collocation

22.4.1.1 When Collocator constructs its own cage and related equipment, the Collocator will be subject to the AC Circuit Placement charge, which includes 4" conduit and wiring from the electrical panel to cage as set forth in the Collocation Rate Summary of this Appendix. This is expressed as a non-recurring charge per sq. ft. of floor space requested.

22.4.2 DC Power Arrangement Provisioning

22.4.2.1 When the Collocator selects the option to provide and install its power cable by a AT&T-13STATE Approved Power Installation vendor, only the rack occupancy and on-going maintenance of the rack charge will apply. The Collocator will not be permitted access to AT&T-13STATE Battery Distribution Fuse Bay or Power Plant Primary Distribution, but the AT&T-13STATE approved power installation vendor will have access. Rates for extension of power cables to the Adjacent On-site structure will not apply when provided and installed by the telecommunications carrier's AT&T-

13STATE Approved Vendor. This is expressed as a monthly rate as specified the Collocation Rate Summary of this Appendix.

22.4.3 Entrance Fiber Optic Cable Arrangement

22.4.3.1 When the Collocator selects the option to pull the Collocator's provided fire retardant entrance fiber optic cable under AT&T-13STATE observation, through AT&T-13STATE cable vault to the Collocator's equipment with AT&T-13STATE approved vendor, only the construction and route design charge will apply. The Collocator will not be permitted access to the cable vault, but the AT&T-13STATE approved vendor will have access. Rates and charges are as found in the Collocation Rate Summary of this Appendix.

22.4.4 DS0 Voice Grade Interconnection Cable Arrangement

22.4.4.1 When the Collocator selects the option to provide and install its interconnection cabling by an AT&T-13STATE approved vendor, the Voice Grade Terminal blocks at the MDF, rack occupancy, and on-going maintenance charges will apply. The Collocator will not be permitted access to the Main Distribution Frame, but the AT&T-13STATE approved installation vendor will have access. This is expressed as a combination of a non-recurring charge and a monthly rate as specified in the Collocation Rate Summary of this Appendix.

22.4.5 DS-1 Interconnection Cable Arrangement to DCS

22.4.5.1 When the Collocator selects the option to provide and install the interconnection cabling by an AT&T-13STATE approved vendor, the DS-1 Port, rack occupancy, and on-going maintenance charges will apply. The Collocator will not be permitted access to the Main Distribution Frame, but the AT&T-13STATE approved installation vendor will have access. This is expressed as a combination of a non-recurring charge and a monthly rate as specified in the Collocation Rate Summary of this Appendix.

22.4.6 DS-1 Interconnection Cable Arrangement to DSX

22.4.6.1 When the Collocator selects the option to provide and install the interconnection cabling by an AT&T-13STATE approved vendor, the DSX at the MDF, rack occupancy, and on-going maintenance charges will apply. The Collocator will not be permitted access to the Main Distribution Frame, but the AT&T-13STATE approved installation vendor will have access. This is expressed as a combination of a non-recurring charge and a monthly rate as specified in the Collocation Rate Summary of this Appendix.

22.4.7 DS-3 Interconnection Cable Arrangement to DCS

22.4.7.1 When the Collocator selects the option to provide and install the interconnection cabling by an AT&T-13STATE approved vendor, the DS-3 Port, rack occupancy, and on-going maintenance charges will apply. The Collocator will not be permitted access to the Main Distribution Frame, but the AT&T-13STATE approved installation vendor will have access. This is expressed as a combination of a non-recurring charge and a monthly rate as specified in the Collocation Rate Summary of this Appendix.

22.4.8 DS-3 Interconnection Cable Arrangement to DSX

22.4.8.1 When the Collocator selects the option to provide and install the interconnection cabling by an AT&T-13STATE approved vendor, the DSX at the MDF, rack occupancy, and on-going maintenance charges will apply. The Collocator will not be permitted access to the Main Distribution Frame, but the AT&T-13STATE approved installation vendor will have access. This is expressed as a combination of a non-

recurring charge and a monthly rate as specified in the Collocation Rate Summary of this Appendix.

22.4.9 Fiber Interconnection Cable Arrangement

22.4.9.1 When the Collocator selects the option to provide and install the interconnection cabling by an AT&T-13STATE approved vendor, the Fiber terminating panel at the FDF-1 Port, rack occupancy, and on-going maintenance charges will apply. The Collocator will not be permitted access to the Main Distribution Frame, but the AT&T-13STATE approved installation vendor will have access. This is expressed as a combination of a non-recurring charge and a monthly rate as specified in the Collocation Rate Summary of this Appendix.

22.4.10 Collocation to Collocation Connection

22.4.10.1 This rate element includes virtual to virtual, and virtual to physical connection options.

22.4.10.1.1 Fiber Cable

22.4.10.1.1.1 When the Collocator selects the option to provide and install the interconnection cabling by an AT&T-13STATE approved vendor, the charge for on-going maintenance of the rack will apply. This is expressed as a monthly rate as specified in the Collocation Rate Summary of this Appendix.

22.4.10.1.2 Copper Cable

22.4.10.1.2.1 When the Collocator selects the option to provide and install the interconnection cabling by an AT&T-13STATE approved vendor, the charge for on-going maintenance of the rack will apply. This is expressed as a monthly rate as specified in the Collocation Rate Summary of this Appendix.

22.4.10.1.3 Coax Cable

22.4.10.1.3.1 When the Collocator selects the option to provide and install the interconnection cabling by an AT&T-13STATE approved vendor, the charge for on-going maintenance will apply. This is expressed as a monthly rate as specified in the Collocation Rate Summary of this Appendix.

22.4.10.1.4 Cable Racking and Hole

22.4.10.1.4.1 This sub-element provides for cable rack space and hole for copper, coax and optical cabling between two collocation arrangements and the required terminations at each virtual collocation arrangement(s) at an Eligible Structure. This sub-element is expressed as a monthly rate specified in the Collocation Rate Summary of this Appendix.

22.4.10.1.5 Route Design

22.4.10.1.5.1 This sub-element provides the route design for collocation-to-collocation connections. This sub-element is expressed as a non-recurring charge and this charge is specific in the Collocation Rate Summary of this Appendix.

APPENDIX
VIRTUAL COLLOCATION

TABLE OF CONTENTS

1. GENERAL DESCRIPTION..... 3
2. DEFINITIONS..... 7
3. PROVISIONING..... 9
4. COLLOCATOR RESPONSIBILITIES..... 9
5. COOPERATIVE RESPONSIBILITIES.....10
6. INTERVALS AND PROVISIONING.....10
7. EQUIPMENT PROVISIONING..... 13
8. REPAIR OF EQUIPMENT.....13
9. MAINTENANCE OF EQUIPMENT..... 13
10. ALARM COLLECTION..... 13
11. INTENTIONALLY LEFT BLANK 13
12. RATE REGULATIONS..... 13
13. ALTERNATIVE VIRTUAL COLLOCATION ARRANGEMENT DESCRIPTION..... 20
14. OBLIGATIONS OF THE COLLOCATOR..... 21
15. COOPERATIVE RESPONSIBILITIES..... 22
16. RATE REGULATIONS..... 23
17. CDOW (CLECs DOING OWN WORK) – COLLOCATOR RESPONSIBILITIES 23
18. COMPLETE SPACE DISCONTINUANCE, SPACE REASSIGNMENT, POWER REDUCTION AND INTERCONNECTION TERMINATION REDUCTION 29

APPENDIX VIRTUAL COLLOCATION

1. GENERAL DESCRIPTION

1.1 This Section of the Appendix provides for Virtual Collocation for the purpose of interconnecting to AT&T-13STATE for the transmission and routing of Telephone Exchange Service and Exchange Access pursuant to 47 U.S.C. § 251 (c)(2) access to AT&T-13STATE's 251(c)(3)Unbundled Network Elements ("251(c)(3) UNEs") for the provision of a telecommunications service pursuant to 47 U.S.C. § 251(c)(3) of the Act when the virtually collocated telecommunications equipment (hereafter referred to as equipment) is provided by the Collocator. The terms "Telephone Exchange Service", "Exchange Access" and "Network Element" are used as defined in 47 U.S.C. § 153(47), 47 U.S.C. § 153(16), and 47 U.S.C. § 153(29) of the Act, respectively.

1.2 The Parties intend that this Appendix contain the sole and exclusive terms and conditions by which CLEC will obtain Virtual Collocation from AT&T-13STATE pursuant to 47 U.S.C. § 251(c)(6). Except as may be specifically permitted by this Appendix, and then only to the extent permitted, CLEC and its affiliated entities hereby fully and irrevocably waive any right or ability any of them might have to purchase Virtual Collocation directly from any AT&T-13STATE tariff, and agree not to so purchase or attempt to so purchase from any AT&T-13STATE tariff that provides for 251(c)(6) Virtual Collocation. Without affecting the application or interpretation of any other provisions regarding waiver, estoppel, laches, or similar concepts in other situations, the failure of AT&T-13STATE to enforce the foregoing (including if AT&T-13STATE fails to reject or otherwise block applications for, or provides or continues to provide, 251(c)(6) Virtual Collocation under tariff to CLEC or any of its affiliated entities) shall not act as a waiver of any part of this Section, and estoppel, laches, or other similar concepts shall not act to affect any rights or requirements hereunder. At its option, AT&T-13STATE may either reject any application or order for 251(c)(6) Virtual Collocation submitted under tariff, or without the need for any further contact with or consent from CLEC, AT&T-13STATE may process any order for any 251(c)(6) Virtual Collocation submitted under tariff, as being submitted under this Appendix and, further, may convert any 251(c)(6) Virtual Collocation provided under tariff, to this Appendix, effective as of the later in time of the (i) Effective Date of this Agreement/Amendment, or (ii) the submission of the order by CLEC.

1.3 Upon request from a Collocator, AT&T-13STATE will provide one of the following maintenance alternates for its Virtual Collocation offering:

1.3.1 In all of AT&T-13STATE's premises, AT&T-13STATE will offer Virtual Collocation wherein AT&T-13STATE maintains and repairs the virtually collocated equipment consistent with the rates, terms and conditions as provided for in Sections 1 through 18 of this Appendix.

1.3.2 In Controlled Environmental Vault (CEV), huts and cabinets where Physical Collocation space is not available, a Collocator may opt for Virtual Collocation wherein the Collocator maintains and repairs the virtually collocated equipment as described in Section 15 following and consistent with the rates, terms and conditions as provided for throughout this entire Appendix. If AT&T-13STATE chooses to have its personnel present when the CLEC equipment is repaired and maintained, then AT&T-13STATE's presence will be at its own expense. However, if AT&T-13STATE demonstrates that the Collocator or its representative has or would have violated any standard or requirement for maintenance of equipment, as required under this Appendix, the CLEC is responsible for the quantifiable expense incurred by AT&T-13STATE. AT&T-13STATE may at its option, elect to offer this maintenance alternative in one or more of its Central Offices, and in one or more of its CEVs, huts and cabinets where Physical Collocation space is available. As described in Section 13, this maintenance alternative is contingent on the provision of a security escort paid for by the Collocator. In the event the FCC determines that AT&T-13STATE may not require a security escort paid for by the Collocator, then this Virtual Collocation maintenance alternative as described in this

Section and in Section 15 is null and void and all Virtual Collocation will be maintained as described in Section 1 above.

1.4 Virtual Collocation in the Central Office is available for interconnection with AT&T-13STATE for the transmission and routing of Telephone Exchange Service and Exchange Access as well as obtaining access to AT&T-13STATE provided 251(c)(3)UNEs. Virtual Collocation in CEVs, huts and cabinets is available for interconnection with AT&T-13STATE provided UNEs.

1.5 Rates for the individual 251(c)(3)UNEs to which the Collocator wants to gain access using Virtual Collocation can be found in the Collocator's Agreement with AT&T-13STATE.

1.6 A description of the rate categories applicable to Virtual Collocation for the purpose of interconnecting to AT&T-13STATE within AT&T-13STATE's Central Offices is contained in 12.4 . (Rate Elements for AT&T-13STATE Central Offices). A description of the rate categories applicable to Virtual Collocation for the purpose of interconnecting to AT&T-13STATE within AT&T-13STATE's CEVs, huts and cabinets is contained in 12.5 (Rate Elements for AT&T-13STATE CEVs, huts and cabinets).

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1.9 Virtual Collocation is available at AT&T-13STATE wire centers as specified in the National Exchange Carrier Association, Inc., tariff F.C.C. No. 4 and in AT&T-13STATE CEVs, huts and cabinets. Upon request, AT&T-13STATE will provide a listing of locations of AT&T-13STATE's CEVs, huts or Cabinets.

1.10 The rate elements provided in this Appendix are required when Collocator uses Virtual Collocation equipment to access 251(c)(3)UNEs. Such access is provided through cross connects purchased from the Agreement. 251(c)(3)UNEs including associated cross connects are obtained from the Agreement between the Collocator and AT&T-13STATE. Cross connects associated with 251(c)(3)UNEs establish the circuit between the virtually collocated equipment, and these cross connects are the point at which services provided and purchased from the Agreement begin. Virtually collocated equipment is available as follows:

1.10.1 A Collocator shall purchase from the vendor the equipment to be virtually collocated subject to the provisions as set forth below and the equipment conforming to industry safety standards as described in AT&T-13STATE's Technical Publication https://clec.att.com/clec.

1.10.2 In accordance with Section 251(c)(6) of the Act, the Collocator may collocate equipment for Virtual Collocation if such equipment is necessary for interconnection to AT&T-13STATE under 47.U.S.C. § 251(c)(2) or accessing AT&T-13STATE's 251(c)(3)UNEs under 47.U.S.C. § 251(c) (3) of the FTA 96. For purposes of this Section, "necessary" means directly related to and thus necessary, required, or indispensable to interconnection or access to 251(c)(3) UNEs. Such uses are limited to interconnection to AT&T-13STATE's network "for the transmission and routing of Telephone Exchange Service or Exchange Access," or for access to AT&T-13STATE's 251(c)(3) UNEs "for the provision of a telecommunications service."

1.10.3 Equipment that may be collocated solely for these purposes includes: (1) transmission equipment including, but not limited to, optical terminating equipment and multiplexers; and (2) equipment being collocated to terminate basic transmission facilities pursuant to sections 64.1401 and 64.1402 of 47 C.F.R. (Expanded Interconnection) as of August 1, 1996. AT&T-13STATE is not required nor shall it permit the collocation of stand-alone switches or enhanced services equipment.

1.10.4 In addition, AT&T-13STATE permits Collocator collocation of certain Multifunctional Equipment included in the definition of "advanced services equipment" in section 1.3.d of the AT&T/Ameritech Merger Conditions. Under the AT&T/Ameritech Merger Condition, "advanced services equipment" is defined as follows: "(1) DSLAMs or functionally equivalent equipment; (2) spectrum splitters that are used solely in the provision of Advanced Services; (3) packet

switches and multiplexers such as ATMs and Frame Relay engines used to provide Advanced Services; (4) modems used in the provision of packetized data; and (5) DACS frames used only in the provision of Advanced Services. Spectrum splitters (or the equivalent functionality) used to separate the voice grade channel from the Advanced Services channel shall not be considered Advanced Services Equipment; any such splitters installed after the Merger Closing Date that are located at the Collocator premises shall be considered network terminating equipment."

1.10.5 AT&T-13STATE does not allow collocation of other Multifunctional Equipment, except that AT&T-13STATE will voluntarily allow collocation of Remote Switch Module (RSM) solely under the following conditions: (1) the Remote Switch Module (RSM) may not be used as a stand-alone switch; it must report back to and be controlled by a Collocator identified host switch and direct trunking to the Remote Switch Module(RSM) will not be permitted; (2) the Remote Switch Module (RSM) equipment must be used only for the purpose of interconnection with AT&T-13STATE's network for the transmission and routing of Telephone Exchange Service or Exchange Access or for access to AT&T-13STATE's 251(c)(3) UNEs for the provision of a telecommunications service. AT&T-13STATE voluntarily will allow Collocator to collocate, on a non-discriminatory basis, other multi-functional equipment only if AT&T-13STATE and Collocator mutually agree to such collocation.

1.10.6 For purposes of this Section, "Multifunctional Equipment" means equipment that has (1) functions that make the equipment "necessary for interconnection or access to 251(c)(3) UNEs" and (2) additional functions that are not "necessary" for these purposes. Such additional functions include, but are not limited to, switching and enhanced service functions. AT&T-13STATE will not allow collocation of stand-alone switching equipment or any enhanced services equipment.

1.10.7 AT&T-13STATE voluntarily allows Collocator to place ancillary equipment, including cross-connect and other simple frames, routers, portable test equipment, equipment racks and bays, and other ancillary equipment on a non-discriminatory basis only if AT&T-13STATE and Collocator mutually agree to such placement, in AT&T-13STATE's premises solely to support and be used with equipment that the Collocator has legitimately collocated in the same premises.

1.10.8 Pending the FCC's reasonably timely remand proceedings in accordance with the Court's Opinion in GTE Service Corporation v. FCC, No. 99-1176, 2000 U.S. App. LEXIS 4111 (D.C. Cir. March 17, 2000) ("GTE Opinion"), AT&T-13STATE voluntarily will not disturb (1) equipment and (2) connection arrangements between different Collocators' equipment in an AT&T-13STATE Eligible Premises, that prior to the May 11, 2000, effective date of the GTE Opinion, were (1) in place in AT&T-13STATE or (2) requested by Collocator and accepted by AT&T-13STATE on the same basis as under the FCC's original, pre-vacated Collocation Order (Deployment of Wireline Services Offering Advanced Telecommunications Capability, CC Docket No. 98-147, First Report and Order (FCC 99-48), 14 FCC Rcd 4761 (1999)). AT&T-13STATE's agreement not to disturb these collocation arrangements pending timely completion of the remand proceedings will immediately expire if a federal or state court or regulatory agency attempts to apply any of the most favored nation provisions of the Act, of any state Merger Conditions, or of the FCC SBC/Ameritech Merger Conditions to such arrangements or deems such arrangements to be discriminatory vis-à-vis other carriers.

1.10.8.1 Notwithstanding the foregoing, Collocator shall be entitled to cross connect with any other collocator.

1.10.9 All types of network equipment placed in AT&T-13STATE network equipment areas of Eligible Structures by AT&T-13STATE or Collocator must meet AT&T-13STATE minimum safety standards. The minimum safety standards are as follows: (1) Collocator's equipment must meet Telcordia Level 1 safety requirements as set forth in Telcordia documents SR-3580 and

GR-63-CORE, Network Equipment Building Systems (NEBS); or, (2) Collocator must demonstrate that its equipment has a history of safe operation defined by installation in an ILEC (including AT&T-13STATE) prior to January 1, 1998 with no known history of safety problems. The Collocator will be expected to conform to the same accepted procedures and standards utilized by including AT&T-13STATE and its contractors when engineering and installing equipment.

1.10.10 In the event that AT&T-13STATE denied Collocation of Collocator's equipment, citing Safety Standards, AT&T-13STATE will provide within five (5) business days of Collocator's written request to AT&T-13STATE representative(s), a list of AT&T-13STATE equipment placed since January 1, 1998 within the network areas of the Eligible Premise for which Collocation was denied together with an affidavit attesting that all of such AT&T-13STATE equipment met or exceeded the then current Safety Standards when such equipment was placed in the Eligible Premise.

1.10.11 In the event AT&T-13STATE believes that collocated equipment is not necessary for interconnection or access to 251(c)(3) UNEs or determines that the Collocator's equipment does not meet the minimum safety standards, the Collocator must not collocate the equipment unless and until the dispute is resolved in its favor. The Collocator will be given ten (10) business days to comply with the requirements and/or remove the equipment from the collocation space if the equipment already improperly was collocated. If the Parties do not resolve the dispute pursuant to the dispute resolution procedures set forth in the Agreement, AT&T-13STATE or Collocator may file a complaint at the Commission seeking a formal resolution of the dispute. If it is determined that the Collocator's equipment does not meet the minimum safety standards above, the Collocator must not collocate the equipment and will be responsible for removal of the equipment and all resulting damages if the equipment already was collocated improperly.

1.10.12 Regarding safety, Collocator equipment or operating practices representing a significant demonstrable technical or physical threat to AT&T-13STATE's personnel, network or facilities, including the Eligible Structure, or those of others are strictly prohibited. Regarding safety, and notwithstanding any other provision hereof, the characteristics and methods of operation of any equipment or facilities placed in the Virtual Collocation space shall not create hazards for or cause damage to those facilities, the Virtual Collocation space, or the Eligible Structure in which the Virtual Collocation space is located; impair the privacy of any communications carried in, from, or through the Eligible Structure in which the Virtual Collocation space is located; or create hazards or cause physical harm to any individual or the public. Any of the foregoing would be in violation of this Appendix.

1.11 A Collocator may arrange for a mutually agreed upon vendor/contractor to engineer and install the virtually collocated equipment the Collocator purchases and the Collocator may pay the vendor/contractor directly. The installation contractor and their activity will be under the direction and control of Collocator who will ensure that the installation contractor meets all standards and requirements for installation of equipment, as required under this Appendix. If AT&T-13STATE chooses to have its personnel present when the CLEC equipment is installed, then AT&T-13STATE's presence will be at its own expense. However, if AT&T-13STATE demonstrates that the CLEC contractor has or would have violated any standard or requirement for installation of equipment, as required under this Appendix, the CLEC is responsible for the quantifiable expense incurred by AT&T-13STATE.

1.12 Incorporation of Physical Collocation Appendix

1.12.1 The following terms and conditions contained in the AT&T-13STATE's Physical Collocation Appendix shall apply to Virtual Collocation arrangements provided under this Appendix, and are incorporated herein by reference: Section 2-Definitions, Section 3-Limitation of Liability

and Force Majeure Events, Section 4.5-Casualty Loss, Section 5.1- Certification, Section 5.5-Hazardous Waste & Materials, Section 5.6-Safety, Section 6.5-Cancellation Prior to Due Date, Section 6.6-Billing, Section 6.7- Late Payment Charge, Section 6.8- Allowance for Interruptions, Section 9.4-Threat to Personnel, Network, or Facilities, Section 9.5-Interference or Impairment, Section 9.7-Alterations, Section 11-Re-entry. In the case of conflict between the Physical Collocation Appendix and this appendix, this appendix will control.

2. DEFINITIONS

2.1 Act - "Act" means the Communications Act of 1934 [47 U.S.C. 153(R)], as amended by the Telecommunications Act of 1996, Public Law 104-104, 110 Stat. 56 (1996) codified throughout 47 U.S.C.

2.2 Active Collocation Space – Denotes the space within an Eligible Structure that can be designated for Physical Collocation which has sufficient telecommunications infrastructure systems, including power. Space within CEVs, huts and cabinets and similar Eligible Structures that can be designated for Physical Collocation is considered to be Active Collocation Space.

2.3 Adjacent Off-site Arrangement – Where Physical Collocation space within AT&T-13STATE Eligible Structure is Legitimately Exhausted, and the Collocator's Adjacent On-site space is not within 50 ft. of the Eligible Structure's outside perimeter wall, the Collocator has the option and AT&T-13STATE shall permit an Adjacent Structure Off-site Arrangement, to the extent technically feasible. The Adjacent Off-site Arrangement is available if the Collocator's site is located on a property that is contiguous to or within one standard city block of AT&T-13STATE's Central Office or Eligible Structure.

2.3.1 Such arrangement shall be used for interconnection or access to 251(c)(3) UNEs. When the Collocator elects to utilize an Adjacent Off-site Arrangement, the Collocator shall provide both the AC and DC power required to operate such facility. The Collocator may provide its own facilities to AT&T-13STATE's premises or to a mutually agreeable meet point from its Adjacent Off-site location for interconnection purposes. The Collocator may subscribe to facilities available in the UNE rate schedule of the Collocator's Agreement. The rates established in this Appendix for Adjacent Off-site Arrangement apply only if Collocator's Adjacent off-site Arrangement is located on a property that is contiguous to or within one standard city block of AT&T-13STATE's Central Office or Eligible Structure.

2.3.2 At the time the Collocator requests this arrangement, the Collocator must provide information as to the location of the Adjacent Off-site facility, the proposed method of interconnection, and the time frame needed to complete provisioning of the arrangement. AT&T-13STATE shall provide a response to Collocator within ten (10) days of receipt of the application, including a price quote, provisioning interval, and confirmation of the manner in which the Adjacent Off-site Facility will be interconnected with AT&T-13STATE's facilities. AT&T-13STATE shall make best efforts to meet the time intervals requested by Collocator and, if it cannot meet the Collocator's proposed deadline, shall provide detailed reasons, as well as proposed provisioning intervals.

2.3.3 In the event that interior space in an Eligible Structure becomes available, AT&T-13STATE will provide the option to the Collocator to relocate its equipment from an Adjacent or an Adjacent Off-site Facility into the interior space. In the event the Collocator chooses to relocate its equipment into the interior space, appropriate charges applicable for collocation within the Eligible Structure will apply.

2.4 Adjacent Structure - A Collocator-provided structure placed on AT&T-13STATE property (Adjacent On-site) or non-Company property (Adjacent Off-site) adjacent to an Eligible Structure. This arrangement is only permitted when space is legitimately exhausted inside the Eligible Structure and to the extent technically feasible. AT&T-13STATE and telecommunications carrier will mutually agree on the location of the designated space on AT&T-13STATE premises where the adjacent structure will be placed. AT&T-13STATE will not unreasonably withhold agreement as to the site desired by Collocator.

2.5 Augment - A request from a Collocator to add equipment and/or cable to an existing Physical Collocation arrangement.

2.6 Custom Work Charge – Denotes the charge(s) developed solely to meet the construction requirements of the Collocator, (e.g., painting a cage). Custom work may not be charged to Collocator for any work performed which will benefit or be used by AT&T-13STATE or other collocators. AT&T-13STATE also may not impose a Custom Work Charge without the Collocator's approval and agreement that the custom work is not included in the provision of collocation as provided for in the rate elements contained in this Appendix. In the event an agreement between the Collocator and AT&T-13STATE is not reached regarding the Custom Work Charge, AT&T-13STATE shall complete construction of the Collocator's space pending resolution of the issue by the appropriate Commission and the Collocator may withhold payment for the disputed charges while the issue remains unresolved; however, any disputed Custom Work Charges paid by the Collocator or owed to AT&T-13STATE shall accrue interest at the rate established by the appropriate Commission. All Custom Work Charges that are approved by the appropriate Commission will be the basis for calculating a refund to a Collocator that has overpaid or the amount due to AT&T-13STATE that was not paid or underpaid. These overpaid or underpaid amounts will accrue at the above-stated interest rate on a monthly basis from the date of completion of the work or the date of payment of the disputed amount, as appropriate. In the event that the requested work will benefit all or most collocators, such work shall not be considered custom work; instead, AT&T-13STATE shall file the appropriate interconnection agreement amendment. However, AT&T-13STATE shall not delay completion of such work during the agreement approval process. AT&T-13STATE shall perform such work based upon provisional rates, subject to true up.

2.7 Day – For purposes of application and/or installation intervals, "day" denotes calendar days unless otherwise specified. However, any time period equal to or less than five days, day denotes business day.

2.8 Dedicated Space - Denotes the space dedicated for the Collocator's Physical Collocation arrangement located in AT&T-13STATE Eligible Structure.

2.9 Eligible Structure - Eligible Structure refers to AT&T-13STATE's premises, including but not limited to Central Offices and serving wire centers, as well as all buildings or similar structures owned or leased by AT&T-13STATE that house its network facilities, and all structures that house AT&T-13STATE's facilities on public rights-of-way, including but not limited to vaults containing loop concentrators or similar structures, where technically feasible.

2.10 Infrastructure Systems - The structural components, such as floors capable of supporting equipment loads, heating, ventilating and air conditioning (HVAC) systems, electrical systems, power, high efficiency filtration, humidity controls, remote alarms, compartmentation, fire suppression systems and smoke purge.

2.11 Legitimately Exhausted – Denotes when all space in a Central Office (CO) or other Eligible Structure that can be used to locate telecommunications equipment in any of the methods of collocation available under this Appendix is exhausted or completely occupied. Before AT&T-13STATE may make a determination that space in an Eligible Structure is legitimately exhausted, AT&T-13STATE must have removed all unused obsolete equipment from the Eligible Structure and made such space available for collocation; however, removal of the equipment shall not cause a delay in AT&T-13STATE's response to a Collocator's application or in provisioning collocation arrangements. The determination of exhaustion is subject to dispute resolution as provided in Section 6.2 of this Appendix. In making this determination, AT&T-13STATE may reserve space for transport equipment for current year plus two years. Additionally, AT&T-13STATE may not reserve space for equipment for itself, or advanced or interLATA services affiliates or other affiliates of AT&T-13STATE or for future use by AT&T-13STATE or its affiliates under conditions that are more favorable than those that apply to other telecommunications carriers seeking to reserve collocation space for their own use. AT&T-13STATE may reserve space for Switching, Power, Main Distribution Frame (MDF), and Digital Crossconnect

System (DCS) up to anticipated Collocator growth over a 10-year life expectancy of the ultimate footprint of the equipment.

2.12 Other (Inactive) Collocation Space - Denotes the space within the Central Office that can be designated for Physical Collocation where infrastructure systems do not currently exist and must be constructed. The designation of Other (Inactive) Collocation Space is applicable to space within Central Offices only; other Eligible Structures such as CEVs, huts, and vaults are considered Active Collocation Space for purposes of this Appendix.

2.13 Preparation Charges - Denotes those charges associated with the initial preparation of the Collocator's Dedicated Space.

2.14 Technically Feasible - A collocation arrangement is technically feasible if, in accordance with either national standards or industry practice, there is no significant technical impediment to its establishment. A rebuttable presumption that a collocation arrangement is technically feasible shall arise if the arrangement has been deployed by any incumbent local exchange carrier in the country.

2.15 Telecommunications Infrastructure Space – Denotes the square footage or linear footage of space, including common areas, used to house telecommunications infrastructure equipment necessary to support collocation space used for interconnection with or access to 251(c)(3) UNEs of AT&T-13STATE's network.

3. PROVISIONING

3.1 Virtual Collocation for Interconnection to AT&T-13STATE or access to AT&T-13STATE provided 251(c)(3) UNEs is ordered as set forth in AT&T-13STATE's Interconnector's Collocation Services Handbook at https://clec.att.com/clec for Virtual Collocation in 13-STATES. AT&T-13STATE will designate the location or locations within its wire centers, CEVs, huts and cabinets for the placement of all equipment and facilities associated with Virtual Collocation. Virtual Collocation does not involve the reservation of segregated Central Office or CEV, hut and Cabinet space for the use of Collocator.

3.2 AT&T-13STATE will provide Virtual Collocation for comparable equipment as it provides to itself in the Central Office, wire center, CEV, hut or Cabinet, as the case may be.

4. COLLOCATOR RESPONSIBILITIES

4.1 The Collocator will provide, under this Section of this Appendix, at its expense, all facilities and equipment required to facilitate interconnection and access to AT&T-13STATE's 251(c)(3) UNEs. The Collocator will, at its expense, provide the following:

4.1.1 All plug-ins and/or circuit packs (working, spare, and replacements),

4.1.2 All unique tools and test equipment,

4.1.3 Any ancillary equipment and cabling used for remote monitoring and control,

4.1.4 Any technical publications and updates associated with all Collocator-owned and provided equipment,

4.1.5 All training as described in Section 12.4.16

4.2 The Collocator will provide, at its expense, replacements for any recalled, obsolete, defective or damaged facilities, equipment, plug-ins, circuit packs, unique tools, test equipment, or any other item or material provided by the Collocator for placement in/on AT&T-13STATE property. Suitable replacements are to be immediately provided to AT&T-13STATE to restore equipment.

4.3 The Collocator will provide at least the minimum number of usable equipment spares specified by the manufacturer. Replacements must be delivered to AT&T-13STATE Central Office using the equipment spare within five (5) days of notification that a spare was used or tested defective.

5. COOPERATIVE RESPONSIBILITIES

5.1 AT&T-13STATE will work cooperatively with the Collocator to develop implementation plans including timelines associated with:

5.1.1 Placement of Collocator's fiber and support brackets into the Central Office vault,

5.1.2 Location and completion of all splicing,

5.1.3 Completion of installation of equipment and facilities,

5.1.4 Removal of above facilities and equipment,

5.1.5 To the extent known, the Collocator can provide forecasted information to AT&T-13STATE on anticipated additional Virtual Collocation requirements,

5.1.6 To the extent known, the Collocator is encouraged to provide AT&T-13STATE with a listing of the equipment types that they plan to virtually collocate in AT&T-13STATE's Central Offices or CEVs, huts and cabinets. This cooperative effort will insure that AT&T-13STATE personnel are properly trained on Collocator equipment.

6. INTERVALS AND PROVISIONING

6.1 Quote Intervals

6.1.1 Upon receipt of the Collocator's application and initial Planning Fee payment, AT&T-13STATE will begin development of the quotation. AT&T-13STATE will notify the Collocator as to whether its request for a Virtual Collocation arrangement has been granted or denied due to a lack of interconnection facilities or space within ten (10) calendar days of submission of the completed application.

6.1.2 In responding to an application request, AT&T-13STATE shall provide the quotation of the applicable nonrecurring and recurring rates, and the estimated construction interval no later than as specified below. The Collocator has forty-five (45) calendar days from receipt of the quotation to accept the quotation. The quotation expires after forty-five (45) calendar days. After forty-five (45) calendar days, a new application and Planning Fee are required.

6.1.3 Price quote intervals are as follows and will run concurrent with the ten (10) calendar day notification interval for availability of Virtual Collocation interconnection:

Number of Applications By One Collocator	Quotations Interval
1 - 5	10 Calendar Days
6 - 10	15 Calendar Days
11 - 15	20 Calendar Days
16 – 20	25 Calendar Days

6.1.4 Should the Collocator submit twenty-one (21) or more applications within five (5) business days, the quotation interval will be increased by five (5) business days for every five (5) additional applications or fraction thereof. Any material revision to an application will be treated as a new application and will be subject to the time intervals set forth above.

6.1.5 A Collocator may obtain a shorter quote interval by scheduling a meeting with AT&T-13STATE at least twenty (20) calendar days prior to submission of the first application to discuss, coordinate and prioritize the Collocator applications.

6.1.6 Once AT&T-13STATE has completed its review of the Virtual Collocation application form inquiry, the entire completed quote package will be forwarded to the potential Collocator in writing with a cover letter. The Collocator has forty-five (45) calendar days to remit a signed confirmation form along with a check for fifty percent (50%) of all the applicable nonrecurring charges.

6.1.7 If the Collocator fails to respond within the forty-five (45) calendar day interval, should the Collocator decide at a later time to proceed with Virtual Collocation, a new application and Planning Fee will be required.

6.2 Implementation Intervals

6.2.1 A Virtual Collocation arrangement is not reserved until the quotation is accepted. When the quotation is accepted, unless otherwise mutually agreed to by the Parties in writing, AT&T-13STATE will allow the Collocator's vendor to begin equipment installation no later than ninety (90) calendar days from acceptance of the quotation. The Virtual Collocation interval ends when roughed in, unterminated DC power and interconnection cabling is provided to the Virtual Collocation area.

6.2.2 The construction intervals for Virtual Collocation arrangements are noted in Table 2-1. For Virtual Collocation in Active Collocation Space where the Collocator is requesting maximum DC Power of fifty (50) amps, either in a single or in multiple feeds of fifty (50) amps (maximum fifty (50) amps per feed), the Virtual Collocation construction intervals remain as stated below. For Virtual Collocation in Active Collocation Space where a Collocator is requesting DC Power that exceeds fifty (50) amps from a single source (e.g., 100 amps) per feed, the construction interval is ninety (90) calendar days. These same construction intervals apply for Virtual Collocation in Eligible Structures such as CEVs (Vaults), huts and cabinets.

6.2.3 When the quotation is accepted, unless otherwise mutually agreed to by the Parties in writing, the construction intervals for virtual are as follows:

Table 2-1

Type	Description	Interval	Exception
Virtual	Active Collocation space	90 calendar days	With AT&T-13STATE installation of bay/sracks/frames
Virtual	Active Collocation space	90 calendar days	With CLEC installation of bay/sracks/frames

6.2.4 Where space is not suitable for Central Office equipment (e.g., it is not Active collocation space), AT&T-13STATE shall have an additional thirty (30) calendar days to prepare the space. Virtual Collocation space is not reserved until the quotation is accepted.

6.2.5 When the quotation is accepted unless otherwise mutually agreed to by the Parties in writing, AT&T-13STATE will complete construction of Active Collocation Space requests for Virtual Collocation in ninety (90) calendar days from the receipt of the Collocator's acceptance of the quotation where power is available and the Collocator is installing all of its own bays. The Virtual Collocation construction interval ends when roughed in, unterminated DC power and interconnection cabling is provided to the collocation area. AT&T-13STATE will complete construction of Active Collocation Space requests for Virtual Collocation in ninety (90) calendar days from the receipt of the Collocator's acceptance of the quotation where AT&T-13STATE will be installing all or some of the bays. AT&T-13STATE considers power to be available if sufficient power plant capacity exists, the Battery Distribution Fuse Bay (BDFB) (if used) is within 100 feet of the Collocator's space and sufficient termination capacity on the power plant and/or Battery Distribution Fuse Base (BDFB) exists.

6.2.6 If a completion date outside the time period required herein is not agreed to by the Parties and not resolved through the Agreement's dispute resolution procedures, the issue may be presented by either Party to the appropriate Commission for determination.

6.3 Installation of Virtual Collocation Equipment

6.3.1 AT&T-13STATE does not assume any responsibility for the design, engineering, testing, or performance of the end-to-end connection of the Collocator's equipment, arrangement, or facilities.

6.3.2 AT&T-13STATE will be responsible for using the same engineering practices as it does for its own similar equipment in determining the placement of equipment and engineering routes for all connecting cabling between collocation equipment.

6.3.3 In this arrangement, telecommunications equipment (hereafter referred to as equipment) is furnished by the Collocator and engineered and installed by a mutually agreed upon vendor for the Collocator. The Collocator will have the authority to select installation vendors. All installations of equipment will be in accordance with the Collocator-provided installation design and must comply with manufacturer's specifications and applicable published national standards approved by the FCC, and other governmental authorities that have jurisdiction.

6.3.4 The Collocator and AT&T-13STATE must jointly accept the installation of the equipment and facilities prior to the installation of any services using the equipment. As part of this acceptance, AT&T-13STATE will cooperatively test the collocated equipment and facilities with the Collocator.

6.3.5 AT&T-13STATE will provide Telephone Inventory Record Keeping System (TIRKS) and/or Switch print out of Actual Point of Termination/Connection Facilities Assignment (APOT/CFA) to the CLECs at collocation space turnover. This information is used to request access and line sharing services. The CLEC is responsible for payment of all non-recurring charges, where applicable, prior to receiving APOT/CFA information.

6.4 Revisions

6.4.1 All Revisions to an initial request for a Virtual Collocation arrangement submitted by the Collocator must be in writing via a new application form.

6.4.1.1 Major Revisions include:

- adding telecommunications equipment that requires additional electrical power
- adding additional Collocator bays or equipment that impact the existing/proposed floor-space area provided to the Collocator in their quote package.

6.4.1.1.1 If the revision is major, a new interval for the Virtual Collocation arrangement will be established which shall not exceed two months.

6.4.1.2 Minor Revisions include:

- adding bays of equipment that do not significantly impact the existing/proposed electrical systems
- adding light fixtures and outlets which do not exceed the capacity of the existing/proposed electrical system
- adjustments to the heat release projection which do not cause a change in the proposed/existing mechanical system

6.4.1.2.1 However, minor revisions will not require that a new interval be established. No additional Planning Fees shall be applicable if the revision is minor.

6.4.1.2.2 This list is not all-inclusive. Any revisions to the Collocator's application not specified above must be reviewed by AT&T-13STATE to determine whether the revision is major or minor.

6.5 Augments

6.5.1 In order to request an augment, the Collocator must submit a Virtual Collocation Application Form to AT&T-13STATE Collocation Service Center (CSC) indicating in Section 3 of the

application that this is an "Augmentation to an Existing Arrangement." The price quote will contain the charges and the construction interval for that application.

6.5.2 AT&T-13STATE will work cooperatively with Collocator to negotiate mutually agreeable implementation intervals for augments.

7. EQUIPMENT PROVISIONING

7.1 The Collocator will arrange to deliver to AT&T-13STATE Central Office where the equipment is located a reasonable number, as recommended by the manufacturer, of all appropriate plug-ins, circuit packs and cards and any other equipment, plus all necessary circuit design and provisioning information on an agreed-upon date which is no later than two (2) business days prior to the scheduled turn-up of the Collocator's equipment.

7.2 For the disconnection of circuits, the Collocator will provide all circuit information no later than two (2) business days prior to the scheduled disconnection of the Collocator's circuit.

7.3 AT&T-13STATE does not assume any responsibility for the design, engineering, testing, or performance of the end-to-end connection of the Collocator's circuits.

8. REPAIR OF EQUIPMENT

8.1 Except in emergency situations, the Collocator-owned fiber optic facilities and Central Office terminating equipment will be repaired only upon the request of the Collocator. In an emergency, AT&T-13STATE may perform necessary repairs without prior notification. The labor rates specified in Section 14.4.17 apply to AT&T-13STATE Central Offices and AT&T-13STATE CEVs, huts and cabinets and are applicable for all repairs performed by AT&T-13STATE on the Collocator's facilities and equipment.

8.2 When initiating repair requests on Collocator owned equipment, the Collocator must provide AT&T-13STATE with the location and identification of the equipment and a detailed description of the trouble.

8.3 Upon notification by the Collocator and availability of spare parts as provided by the Collocator, AT&T-13STATE will be responsible for repairing the Virtually Collocated equipment at the same standards that it repairs its own equipment.

9. MAINTENANCE OF EQUIPMENT

9.1 The Collocator will request any and all maintenance by AT&T-13STATE on its Virtually Collocated facilities or equipment. When initiating requests for maintenance on collocated equipment, the Collocator must provide AT&T-13STATE with the location and identification of the equipment and a detailed description of the maintenance requested.

9.2 Upon notification by the Collocator and availability of spare parts as provided by the Collocator, AT&T-13STATE will be responsible for maintaining the Virtually Collocated equipment at the same standards that it maintains its own equipment.

10. ALARM COLLECTION

10.1 The Collocator has the ability to purchase its own remote monitoring and alarming equipment.

10.2 Since the maintenance of the Collocator's equipment is at the direction and control of the Collocator, AT&T-13STATE will not be responsible for responding to alarms and will only conduct maintenance and repair activities at the direction of the Collocator.

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12. RATE REGULATIONS

12.1 This Section contains specific regulations governing the rates and charges that apply to Virtual Collocation for the purpose of interconnecting to AT&T-13STATE under section 251(c)(2) and for

access to AT&T-13STATE provided 251(c)(3) UNEs under 251(c)(3), when the Collocator provides the equipment.

12.2 There are two types of rates and charges that apply to the various rate elements for Virtual Collocation. These are non-recurring charges and monthly recurring rates.

12.3 Rates and charges specific to Virtual Collocation for interconnection with AT&T-13STATE for the transmission and routing of Telephone Exchange Service and Exchange Access under section 251(c)(2), and for access to AT&T-13STATE provided 251(c)(3) UNEs under 251(c)(3) in AT&T-13STATE's Central Offices are set forth in the Collocation Rate Summary (Rates and Charges for AT&T-13STATE Central Offices). Rates and charges specific to Virtual Collocation for access to AT&T-13STATE provided 251(c)(3) UNEs in AT&T-13STATE CEVs, huts and cabinets are set forth on the Collocation Rate Summary of this Appendix (Rates and Charges for AT&T-13STATE CEVs, huts and cabinets).

12.4 Rate Elements for AT&T-13STATE Central Offices

Consistent with provisions in Section 6 of this Appendix, the following provides a list of the specific rate elements for Virtual Collocation for interconnection with AT&T-13STATE for the transmission and routing of Telephone Exchange Service and Exchange Access, and for access to AT&T-13STATE's provided 251(c)(3) UNEs to be used in conjunction with Virtual Collocation in AT&T-13STATE's Central Offices.

12.4.1 Planning Fee

12.4.1.1 The Planning Fee recovers AT&T-13STATE costs incurred to estimate the quotation of charges, project management costs, engineering costs, and other related planning activities for the Collocator's request for a Virtual Collocation arrangement. The Planning Fee also provides for AT&T-13STATE personnel to survey each requested location for availability of space for the placement of entrance cables as well as to determine floor space to physically place Collocator-designated equipment expressed as a non-recurring charge. The Planning Fee is applied on an initial and subsequent basis. The initial charge will apply to the Collocator's request for a Virtual Collocation arrangement or the addition of cable. The subsequent planning charge will apply to any additional interconnection or power arrangements. Charges for this sub-element are specified on the Collocation Rate Summary of this Appendix .

12.4.2 Floor Space

12.4.2.1 This sub-element provides for the "occupancy" cost per bay framework associated with using the floor space in AT&T-13STATE's Central Offices expressed as a monthly rate. Charges for the sub-elements are specified on the Collocation Rate Summary of this Appendix.

12.4.3 Relay Rack (Optional)

12.4.3.1 This sub-element provides the cost per Standard Bay relay rack when provided by AT&T-13STATE expressed as a monthly rate. AT&T-13STATE's Standard Bay dimensions are 7' 0" high, and have a 23" interior width, 25" exterior width, and up to 15" deep. In those cases where an individual relay rack and associated floor space are shared by AT&T-13STATE and the Collocator or among Collocators, the floor space and relay rack associated will be apportioned on a quarter rack basis. When the standard bay relay rack is provided by the Collocator, this rate element will not apply. Charges for this element are specified on the Collocation Rate Summary of this Appendix.

12.4.4 Common Systems Materials

12.4.4.1 This sub-element provides the infrastructure installation and maintenance of ironwork, racking, and lighting above the equipment bays. Charges for the sub-elements are

specified on the Collocation Rate Summary. The common systems sub-element is distinct for standard and non-standard. In those cases where common systems materials for an individual relay rack and associated floor space are shared with the Collocator or among Collocators, the common systems materials for the floor space and relay rack associated will be apportioned on a quarter rack basis.

12.4.5 Real Estate

12.4.5.1 These rate elements provide for AT&T-13STATE to recover the costs associated with preparing the Eligible Structure for telecommunications equipment (Site Conditioning) and securing the space (Safety and Security).

12.4.5.2 Site Conditioning

12.4.5.2.1 Permits AT&T-13STATE to recover costs associated with preparing space within the Eligible Structure for telecommunications equipment. The nonrecurring charge for this sub-element is specified on the Collocation Rate Summary of this Appendix

12.4.5.3 Safety and Security

12.4.5.3.1 Permits AT&T-13STATE to recover costs associated with securing the telecommunications area used for Virtual Collocation. The nonrecurring charge for this sub-element is specified on the Collocation Rate Summary of this Appendix.

12.4.6 Entrance Fiber Optic Arrangement

12.4.6.1 This sub-element provides for AT&T-13STATE pulling and splicing fiber cable between the manhole and cable vault, and the subsequent routing of fiber riser cable between the cable vault and Fiber Distribution Frame (FDF). (Note: virtually collocated equipment may also be connected to dedicated transport facilities provided as 251(c)(3) UNEs in lieu the entrance fiber. When Virtually Collocated Equipment is connected to dedicated transport facilities in lieu of the entrance fiber, the terms, conditions and charges for such dedicated transport facilities are pursuant to the Agreement. No recurring or non-recurring charges for dedicated transport facilities provided as used are applicable pursuant to this Appendix). Charges for this rate element are on the Collocation Rate Summary of this Appendix.

12.4.6.2 Entrance Conduit, per sheath

12.4.6.2.1 This sub-element represents any reinforced passage or opening in, on, under, over or through the ground between the first manhole and the cable vault through which the fiber optic cable is placed. Charges for this element are specified on the Collocation Rate Summary of this Appendix.

12.4.7 DC Power Arrangement Provisioning

12.4.7.1 This sub-element is the cable and cable rack including support and fabrication material necessary to support the virtually collocated equipment expressed as a monthly rate for either 2-20 AMP feeds or 2-50 AMP feeds. Fuse panels necessary for terminating power feeds at the Collocator's equipment bay are provided by the Collocator. In the event that a Collocator requires a power arrangement that exceeds 50 AMPS from a single source, AT&T-13STATE will cooperatively work with the Collocator using comparable rate elements as the basis for such arrangements. Cable sizing is based on List 2 design loads. Charges for this sub-element are specified on the Collocation Rate Summary of this Appendix.

12.4.8 DC Power Amperage Charge

12.4.8.1 DC Power per AMP

12.4.8.1.1 This is a monthly recurring charge which is determined by multiplying the per DC amp rate by the total amount of DC amps provided over one of the two power feeds ordered by the Collocator for its power arrangement. By way of example, where CLEC orders DC Power in a 20-amp increment, it will be considered to have ordered two 20-amp power feeds and AT&T-13STATE will provision two (2) twenty (20) AMP DC power leads that have been fused (for a combined total of forty (40) AMPs),but AT&T-13STATE shall only bill CLEC the monthly recurring charge applicable to DC Power for a total of twenty (20) AMPs. The DC power charge per amp consists of the use of: DC power plant, backup generator, batteries & rectifiers, Battery Distribution Fuse Bay (BDFB), associated hardware & cabling, and AC energy to convert to DC power. Charges for this sub-element are specified on the Collocation Rate Summary of this Appendix.

12.4.8.2 Heating, Ventilating, and Air Conditioning (HVAC)

12.4.8.2.1 This sub-element consists of the elements necessary to provide HVAC within the Eligible Structure to the collocation arrangement and is based on the heat dissipation required for each 10 AMPS of DC Power. Charges for this sub-element are specified on the Collocation Rate Summary of this Appendix.

12.4.8.3 Ground Cable Arrangement

12.4.8.3.1 The Ground Cable Arrangement is the cabling arrangement designed to provide grounding for equipment per frame expressed as a monthly rate. Separate Ground Cable Arrangements are required for Integrated and Isolated Ground Planes. Charges for this element are specified on the Collocation Rate Summary of this Appendix.

12.4.9 DS0 Voice Grade Interconnection Cable Arrangement

12.4.9.1 This sub-element provides for the cost associated with providing DS0 voice grade (100 pairs) non-shielded or shielded between AT&T-13STATE's Distributing Frame and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate. Charges for these sub-elements are specified on the Collocation Rate Summary of this Appendix.

12.4.10 DS-1 Interconnection Cable Arrangement to Digital Cross Connect System (DCS)

12.4.10.1 This sub-element provides for the cost associated with providing a 28 DS-1 cabling arrangement between AT&T-13STATE's Digital Cross Connect System (DCS) functionality purchased from the Collocator's Agreement and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate.

12.4.10.2 Charges for this sub-element are specified on the Collocation Rate Summary of this Appendix.

12.4.11 DS-1 Interconnection Cable Arrangement to Digital System Cross-Connect Frame (DSX)

12.4.11.1 This sub-element provides for the cost associated with providing 28 DS-1 cabling arrangement between AT&T-13STATE's Digital System Cross-Connect Frame (DSX) functionality purchased from the Collocator's Agreement and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate. Charges for this sub-element are specified on the Collocation Rate Summary of this Appendix.

12.4.12 DS-3 Interconnection Cable Arrangement to Digital Cross Connect System (DCS)

12.4.12.1 This sub-element provides for the cost associated with providing one DS-3 cabling arrangement between AT&T-13STATE's Digital Cross Connect System (DCS) functionality purchased from the Collocator's Agreement and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate. Charges for this sub-element are specified on the Collocation Rate Summary of this Appendix.

12.4.13 DS-3 Interconnection Cable Arrangement to Digital System Cross-Connect Frame (DSX)

12.4.13.1 This sub-element provides for the cost associated with providing one DS-3 cabling arrangement between AT&T-13STATE's Digital System Cross-Connect Frame functionality purchased from the Collocator's Agreement and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate. Charges for this sub-element are specified on the Collocation Rate Summary of this Appendix.

12.4.14 Fiber Interconnection Cable Arrangement

12.4.14.1 This sub-element provides for the cost associated with providing 12 fibers pairs between AT&T-13STATE's FDF and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate. Charges for this sub-element are specified on the Collocation Rate Summary of this Appendix.

12.4.15 Timing Source Arrangement (Optional)

12.4.15.1 AT&T-13STATE provided single signal from AT&T-13STATE's timing source to provide synchronization between a Collocator's single network element and AT&T-13STATE's equipment expressed as a recurring and non-recurring rate. Charges for this sub-element, if requested by the Collocator are specified on the Collocation Rate Summary of this Appendix.

12.4.16 Training

12.4.16.1 AT&T-13STATE is responsible for determining when training is necessary and how many of AT&T-13STATEs' employees require training to provide 24 hour a day, seven day a week coverage for the installation, maintenance and repair of Collocator's designated equipment not currently used in a wire center selected by the Collocator for Virtual Collocation. AT&T-13STATE will be limited to request training for four (4) of AT&T-13STATE's personnel per location, unless a different number is mutually agreed upon by AT&T-13STATE and Collocator.

12.4.16.2 With the approval of the Collocator, AT&T-13STATE will arrange for the required training of AT&T-13STATE's personnel. The non-recurring charges applicable for training are listed on the Collocation Rate Summary of this Appendix.

12.4.16.3 If AT&T-13STATE chooses not to coordinate the required training, the Collocator will assume the responsibility for providing the training. It is then the responsibility of the Collocator to:

12.4.16.3.1 arrange and pay to the supplier all costs for training sessions, including the cost of the trainer(s), transportation and lodging of such trainer(s), and required course material, and

12.4.16.3.2 arrange and pay to each individual supplier all costs associated with lodging and other than domestic transportation, such as airfare, required for AT&T-13STATE employee training.

12.4.16.3.3 arrange and pay all costs associated with AT&T-13STATE employee(s) attendance at the training, including lodging and other than local transportation, such as airfare, and employee(s) labor rate

for time away from the job, required for AT&T-13STATE employee training.

12.4.16.4 AT&T-13STATE will work cooperatively with the Collocator to schedule AT&T-13STATE's personnel training time required for the installation, maintenance and repair of the Collocator's designated equipment. The Collocator will be assessed two hours of the technician additional labor charge for AT&T-13STATE's personnel time required to coordinate training activities with the Collocator. The Collocator will be responsible for reimbursement of applicable Company contractual compensation obligations for time spent as a result of the necessary training. All other charges, if applicable, specified in Collocation Rate Summary of this Appendix will be assessed to the Collocator.

12.4.17 Maintenance and Repair Labor Rates

12.4.17.1 Maintenance of Equipment

12.4.17.1.1 This rate element is a labor rate charged by AT&T-13STATE to the Collocator for ongoing maintenance of the Collocator's equipment. Any maintenance requirements will be initiated by the Collocator. Labor rates are based upon a 1/4 hour basis and are dependent upon day of week and time of day.

12.4.17.1.2 For purposes of this Appendix, normal weekday is defined as 8:00 a.m. through 5:00 p.m., Monday through Friday, excluding holidays. Non-recurring charges for this sub-element are specified on the Collocation Rate Summary of this Appendix.

12.4.17.2 Repair of Equipment

12.4.17.2.1 This rate element is a labor rate charged by AT&T-13STATE to the Collocator for repair of the Collocator's equipment. All repair will be at the direction of the Collocator.

12.4.17.2.2 Labor rates are based upon a charge for Network Operations Center (NOC) personnel to take the trouble report, create a trouble ticket, and dispatch a technician. Labor rates for actual repair of the trouble are based upon a 1/4 hour basis and are dependent upon day of week and time of day.

12.4.17.2.3 For purposes of this Appendix, normal weekday is defined as 8:00 a.m. through 5:00 p.m., Monday through Friday excluding holidays. Non-recurring charges for this sub-element are specified on the Collocation Rate Summary of this Appendix.

12.4.18 Collocation-to-Collocation Connection

This rate element includes virtual-to-virtual, and virtual-to-physical connection options.

12.4.18.1 Fiber Cable (12 Fiber)

12.4.18.1.1 This sub-element provides for direct cabling using fiber cable (12 fibers pairs) between two collocation arrangements at an Eligible Structure. This sub-element is expressed as a combination of a non-recurring charge and a monthly rate and these charges are specified on the Collocation Rate Summary of this Appendix.

12.4.18.2 Copper Cable (28 DS1s)

12.4.18.2.1 This sub-element provides for direct cabling using copper cable (28 DS1s) between two collocation arrangements at an Eligible Structure. This sub-element is expressed as a combination of a non-recurring

charge and a monthly rate and these charges are specified on the Collocation Rate Summary of this Appendix.

12.4.18.3 Coax Cable (1 DS3)

12.4.18.3.1 This sub-element provides for direct cabling using coaxial cable (1 DS3) between two collocation arrangements at an Eligible Structure. This sub-element is expressed as a combination of a non-recurring charge and a monthly rate and these charges are specified on the Collocation Rate Summary of this Appendix.

12.4.18.4 Cable Racking and Hole

12.4.18.4.1 This sub-element provides for cable rack space and hole for copper, coax and optical cabling between two collocation arrangements at an Eligible Structure. This sub-element is expressed as a monthly rate specified on the Collocation Rate Summary of this Appendix.

12.4.18.5 Route Design

12.4.18.5.1 This sub-element provides the route design for collocation-to-collocation connections. This sub-element is expressed as a non-recurring charge and this charge is specific on the Collocation Rate Summary of this Appendix.

12.4.19 Equipment Evaluation Cost

12.4.19.1 This rate element is a labor rate charged by AT&T-13STATE to the Collocator for evaluating the Collocator's equipment when not meeting Level 1 Safety requirements as set forth in Telcordia Network Equipment - Building Systems (NEBS). Charges for this element are specified on the Collocation Rate Summary of this Appendix.

12.4.20 Test and Acceptance

12.4.20.1 This rate element is a labor rate charged by AT&T-13STATE to the Collocator for cooperative assisting the Collocator's approved vendor in testing and accepting the installed virtually collocated equipment. Charges for this element are specified on the Collocation Rate Summary of this Appendix.

12.5 Rate Elements for AT&T-13STATE's CEVs, huts and cabinets

The following provides a list of the specific rate elements for Virtual Collocation for access to AT&T-13STATE's provided 251(c)(3) UNEs in AT&T-13STATE's CEVs, huts and cabinets.

12.5.1 Entrance Cable Fiber

12.5.1.1 This sub-element provides for the engineering of a point of appearance cable termination, preparation of work order drawings, postings of the work order and cable data in the appropriate databases for inventory and provisioning purposes, excavation to expose existing subsurface facilities, pulling the Collocator-provided cable into the Eligible Structure, routing, securing and preparing the end for splicing or termination.

12.5.1.2 Charges for these sub-elements are specified on the Collocation Rate Summary of this Appendix.

12.5.2 Entrance Conduit

12.5.2.1 Any reinforced passage or opening placed for the Collocator provided facility in, on, under/over or through the ground between AT&T-13STATE CEV, hut, or Cabinet and the Collocator structure. Rates and charges are as found on the Collocation Rate Summary of this Appendix.

12.5.3 DC Power Amperage Charge

12.5.3.1 This sub-element provides for the use of power in the hut, CEV, or cabinet based on the amount of mounting space that is used by the Collocator as measured in 2-inch increments. Charges for this sub-element are expressed as a recurring charge and can be found on the Collocation Rate Summary of this Appendix.

12.5.4 24-Foot CEV

12.5.4.1 This sub-element provides for the use of mounting space within a 24-foot CEV. This element is expressed as a monthly rate. The charge for this sub-element is specified on the Collocation Rate Summary of this Appendix.

12.5.5 16-Foot CEV

12.5.5.1 This sub-element provides for the use of mounting space within a 16-Foot CEV. This element is expressed as a monthly rate. The charge for this sub-element is specified on the Collocation Rate Summary of this Appendix.

12.5.6 Maxi-Hut

12.5.6.1 This sub-element provides for the use of mounting space within a maxi-hut. This element is expressed as a monthly rate. The charge for this sub-element is specified on the Collocation Rate Summary of this Appendix.

12.5.7 Mini-Hut

12.5.7.1 This sub-element provides for the use of mounting space within a mini-hut. This element is expressed as a monthly rate. The charge for this sub-element is specified on the Collocation Rate Summary of this Appendix.

12.5.8 Large Cabinet

12.5.8.1 This sub-element provides for the use of mounting space within a Large Cabinet. This element is expressed as a monthly rate. The charge for this sub-element is specified on the Collocation Rate Summary.

12.5.9 Medium Cabinet

12.5.9.1 This sub-element provides for the use of mounting space within a Medium Cabinet. This element is expressed as a monthly rate. The charge for this sub-element is specified on the Collocation Rate Summary of this Appendix.

12.5.10 Small Cabinet

12.5.10.1 This sub-element provides for the use of mounting space within a Small Cabinet. This element is expressed as a monthly rate. The charge for this sub-element is specified on the Collocation Rate Summary of this Appendix.

12.5.11 Project Coordination Fee

12.5.11.1 The project coordination fee provides for AT&T-13STATE personnel to survey each requested CEV, Hut and Cabinet for availability of space for placement of copper or fiber cables as well as to determine space for any Collocator-designated equipment. This sub-element is expressed as a non-recurring charge and is specified on the Collocation Rate Summary of this Appendix.

13. ALTERNATIVE VIRTUAL COLLOCATION ARRANGEMENT DESCRIPTION

13.1 Virtual Collocation wherein the Collocator maintains and repairs the virtually collocated equipment.

13.2 For purposes of virtually collocating equipment, AT&T-13STATE shall determine which Eligible Structures require access to CEVs, huts, or manholes containing concentrated cabling and other forms of equipment that requires drawings, schematics, or other engineering documents that aide in the

prevention of accidental network outages. The drawings, schematics, or other engineering documents shall denote the location of the requesting Collocator's equipment and cabling without disclosing identity of equipment and cabling belonging to AT&T-13STATE and other Collocators.

13.3 After Collocator has been provided with written notification by AT&T-13STATE that access to CEVs, huts, or manholes containing concentrated cabling and other forms of equipment requires drawings, schematics, or other engineering documents that aide in the prevention of accidental network outages, Collocator may not enter an Eligible Structures without obtaining updated copies of drawings, schematics, or other engineering documents. Upon request, AT&T-13STATE shall immediately make available to Collocator those drawings, schematics, or other engineering documents that identify the location of the requesting Collocator's equipment and cabling. In the event the requested documents are not immediately available, AT&T-13STATE shall not prevent the Collocator from entering the Eligible Structure. If AT&T-13STATE does not immediately make the requested documents available to a Collocator and the Collocator enters the Eligible Structure, AT&T-13STATE shall deliver the requested documents to Collocator immediately upon locating same.

13.4 AT&T-13STATE will provide a security escort with the Collocator paying the expense for the escort. AT&T-13STATE will provide the security escort as soon as reasonably possible, or within the time frame agreed to by the Parties, at the time of notice. In the event the FCC determines that AT&T-13STATE may not require a security escort paid for by the Collocator, then this Virtual Collocation maintenance alternative as described in this Section and in Section 1.24 of this Appendix is null and void, and all Virtual Collocation will be maintained by AT&T-13STATE as described in Section 1.3 of this Appendix.

13.5 Prior to entering an Eligible Structure that requires drawings, schematics, or other engineering documents, Collocator must provide AT&T-13STATE with reasonable notice of the entry. Notice will be provided to AT&T-13STATE's Local Operations Center, which will be available to receive notice twenty-four (24) hours a day, seven (7) days a week. Collocator providing notice to AT&T-13STATE's Local Operations Center must specify the title and date of all drawings, schematics, or other engineering documents that will be used while in the Eligible Structure.

13.6 The Collocator shall conduct background checks of the technicians who have access to the collocation space. Collocator technicians will be security qualified by the Collocator and will be required to be knowledgeable of AT&T-13STATE security standards. Disciplinary procedures shall be established in accordance with Section 16.3 of this Appendix to ensure the safety and integrity of the Eligible Structure, including, e.g., procedures that require the responsible employee to be terminated for certain specified actions that damage or place the equipment of AT&T-13STATE or other Collocators in jeopardy.

13.7 AT&T-13STATE may use security devices, e.g., identification swipe cards, keyed access, and/or logs, as appropriate for the Eligible Structure where collocation will take place.

13.8 AT&T-13STATE shall be permitted to recover the cost of such security devices from the Collocator in a reasonable manner. The Collocator shall provide indemnification and insurance, pursuant to the General Terms and Conditions, Sections 14 and 4, respectively, to cover any damages caused by the Collocator's technicians at a level commensurate with the indemnification and insurance provided by AT&T-13STATE's equipment suppliers with equivalent access.

13.9 Provisioning of equipment required for Virtual Collocation, e.g., power arrangements and interconnection arrangements, will be provided in accordance with this Appendix.

14. OBLIGATIONS OF THE COLLOCATOR

14.1 Indemnification of AT&T-13STATE

14.1.1 The indemnity provisions set forth in General Terms & Conditions, Section 14 of the Agreement between AT&T-13STATE and the Collocator shall apply and are incorporated herein by this reference. However, in no event will the provisions in this Appendix supersede

or override the indemnification provisions contained in the Agreement between AT&T-13STATE and Collocator. Additionally, in the event of a conflict between indemnification provisions in the Agreement and this Appendix, the provisions in the Agreement will control.

14.2 Insurance

The Collocator agrees to maintain, at all times, the insurance coverages and limits and any additional insurance and/or bonds as set forth in the General Terms & Conditions, Section 4 of this Agreement.

14.3 Conduct While in AT&T-13STATE Eligible Structures

14.3.1 Collocator and AT&T-13STATE will each establish disciplinary procedures up to and including dismissal or denial of access to the Eligible Structure and other property of AT&T-13STATE for certain specified actions that damage, or place the equipment, facilities, or the network or the personnel of the Collocator or AT&T-13STATE in jeopardy. The following are actions that could damage or place the Eligible Structure, or the network or the personnel of the Collocator or AT&T-13STATE in jeopardy and may justify disciplinary action up to and including dismissal or the denial of access to the Eligible Structure and other property of AT&T-13STATE:

14.3.1.1 Theft or destruction of AT&T-13STATE's or Collocator's property;

14.3.1.2 Use/sale or attempted use/sale of alcohol or illegal drugs on AT&T-13STATE's property;

14.3.1.3 Threats or violent acts against other persons on AT&T-13STATE's property;

14.3.1.4 Knowing violations of any local, state or federal law on AT&T-13STATE's property;

14.3.1.5 Permitting unauthorized persons access to AT&T-13STATE or Collocator's equipment on AT&T-13STATE's property; and

14.3.1.6 Carrying a weapon on AT&T-13STATE's property.

14.3.2 In addition, Collocator and AT&T-13STATE will take appropriate disciplinary steps as determined by each Party to address any violations reported by AT&T-13STATE or the Collocator of AT&T-13STATE's policies and practices on security, safety, network reliability, and business conduct as defined in AT&T-13STATE's Interconnector's Collocation Services Handbook at https://clec.att.com/clec for Virtual Collocation in 13-STATES, provided the Handbook and any and all updates to it are timely provided to Collocator at no charge.

14.3.3 Collocator technicians will be security qualified by the Collocator and will be required to be knowledgeable of AT&T-13STATE security standards. Collocator personnel and technicians will undergo the same level of security training, or its equivalent that AT&T-13STATE's own employees and authorized contractors must undergo. AT&T-13STATE will not, however, require Collocator to receive security training from AT&T-13STATE, but will provide information to Collocator on the specific type of training required. Collocator can then provide its employees with their own security training. Qualification program and security training details shall be included in AT&T-13STATE's Interconnector's Collocation Services Handbook for Virtual Collocation in AT&T-13STATE.

15. COOPERATIVE RESPONSIBILITIES

15.1 Qualification of Collocator

15.1.1 Collocator technicians will be security qualified by the Collocator and will be required to be knowledgeable of AT&T-13STATE's security standards. Collocator personnel and technicians will undergo the same level of security training, or its equivalent that AT&T-13STATE's own employees and authorized contractors must undergo. AT&T-13STATE will not, however, require Collocator to receive security training from AT&T-13STATE, but will provide information to Collocator on the specific type of training required. Collocator can then provide its employees with their own security training. Qualification program and security training

details shall be included in AT&T-13STATE's Interconnector's Collocation Services Handbook at https://clec.att.com/clec for Virtual Collocation in 13-STATES.

16. RATE REGULATIONS

The rate element descriptions and rates and charges included in Section 14 preceding apply to this Virtual Collocation alternative wherein the Collocator maintains and repairs the virtually collocated equipment. Additional rate elements and rates apply to this alternative as provided for below.

16.1 Rate Elements for AT&T-13STATE's Central Offices

16.1.1 This security escort charge consists of the charges for AT&T-13STATE provided security escorts for Collocator Vendor's access to their Virtual Collocation space in staffed and unstaffed Central Offices. Any escort requirements will be initiated by the Collocator. Labor rates are based upon a ¼ hour basis and are dependent upon day of week and time of day. For purposes of this Appendix, normal week day is defined as 8:00 a.m. through 5:00 p.m., Monday through Friday, excluding holidays. The billing period will start at the time the technician is dispatched. This will allow for travel time to reach the agreed meet point. Access requests outside of normal business hours or for unstaffed Central Offices which are cancelled will be subject to the minimum four (4) hour call out charge. Non-recurring charges for this sub-element are specified on the Collocation Rate Summary.

16.2 Rate Elements for AT&T-13STATE's CEVs, Huts, and Cabinets

16.2.1 The security escort charge consists of the charges for AT&T-13STATE provided security escorts for Collocator Vendor's access to their Virtual Collocation space in CEVs, huts and cabinets. Any escort requirements will be initiated by the Collocator. Labor rates are based upon a 1/4 hour basis. The billing period will start at the time the technician is contacted. This will allow for travel time to reach the agreed upon meet point. Access requests which are cancelled will be subject to the minimum four (4) hour call-out charge. Rates and charges are as found on the Collocation Rate Summary.

16.3 Application of Rates and Charges

16.3.1 Beginning on and after the Effective Date of this agreement, the Parties agree that the rates and charges for collocation shall be as set forth in this Appendix and in the Pricing Schedule applicable to collocation ("Collocation Rates"). The Parties agree that the Collocation Rates shall apply, on a prospective basis only, beginning on the Effective Date of this agreement, to all existing CLEC collocation arrangements, including those established before the Effective Date of this agreement. Because the Collocation Rates will apply on a prospective basis only, neither Party shall have a right to retroactive application of the Collocation Rates to any time period before the Effective Date, and there shall be no retroactive right of true-up for any time period before the Effective Date.

17. CDOW (CLECs DOING OWN WORK) - COLLOCATOR RESPONSIBILITIES

When the Collocator selects the option to provide, install, and terminate its interconnection and power cabling with an AT&T-13STATE Approved Vendor, the following Sections will apply. However, the terms and conditions within CDOW are not comprehensive. There are terms and conditions from the preceding Sections of this same Appendix that still apply for CDOW for rate elements that are not specifically addressed within Section 19 following.

17.1 Interconnection Cable

17.1.1 The Collocator has the option to provide, install and terminate its interconnection cabling between the Collocator's dedicated space and the AT&T-13STATE Main Distribution Frame (MDF) or its equivalent by a AT&T-13STATE Approved Vendor. This option is only available if Collocator does all three (3) activities associated with interconnection cabling: provide, install and terminate. The Collocator may not elect to do some but not all the activities. Collocator

must indicate on its Virtual Collocation application that it has selected this option to apply to all interconnection cabling requested on the application. If Collocator selects this option, the Collocator must also select the option to provide, install and terminate its power cable leads described in Section 19.2. If Collocator selects this option, AT&T-13STATE will install and stencil termination blocks or panels at the AT&T-13STATE Main Distribution Frame (MDF) or its equivalent for the handoff of the Actual Point of Termination (APOT) Connection(s) to the Collocator's AT&T-13STATE Approved Vendor. Intervals and provisioning for this offering are found in Section 19.3.1 through 19.3.5. The Collocator's AT&T-13STATE Approved Vendor must obtain an approved Method Procedure (MOP) from AT&T-13STATE and follow AT&T-13STATE's Technical Publication TP 76300MP for installation of equipment and cable facilities.

17.2 DC Power Arrangement Provisioning

17.2.1 The Collocator has the option to provide, install and terminate its power cable leads between the Collocator's Dedicated Space and AT&T-13STATE's Battery Distribution Fuse Bay (BDFB) by AT&T-13STATE Approved Power Installation Vendor. When AT&T-13STATE designated power termination point is at the Power Plant Primary Distribution, the Collocator's AT&T-13STATE Approved Power Installation Vendor will provide and install the power cable leads, but not terminate.

17.2.2 The Collocator must contact the AT&T-13STATE project manager five (5) business days prior to scheduling a request for the termination of the Collocator's power cable leads to AT&T-13STATE's Power Plant Primary Distribution, which will be performed by AT&T-13STATE. This option is only available if the Collocator does all three (3) activities associated with the power cable lead unless described otherwise within this Section.

17.2.3 The Collocator may not elect to do some but not all the activities unless otherwise permitted in this Section. If Collocator selects this option, the Collocator must also select the option to provide, install and terminate its interconnection cabling described in Section 19.1. Intervals and provisioning for this offering are found in Sections 19.3.1 through 19.3.5. The Collocator's AT&T-13STATE Approved Power Installation Vendor must obtain an approved Method of Procedures (MOP) from AT&T-13STATE and follow AT&T-13STATE's Technical Publication TP 76300MP for installation of equipment and cable facilities.

17.3 Intervals and Provisioning

17.3.1 Implementation Intervals for when the CLEC hires AT&T-13STATE's Approved Vendor to Install Interconnection and Power Cabling.

17.3.1.1 AT&T-13STATE will provide Virtual Collocation arrangements in Eligible Structures on a "first-come, first-served" basis. The determination whether there is sufficient space to accommodate Virtual Collocation at a particular Eligible Structure will be made initially by AT&T-13STATE. AT&T-13STATE will notify Collocator as to whether its request for space has been granted or denied due to a lack of space within ten (10) calendar days from receipt of a Collocator's accurate and complete Virtual Collocation Application. If AT&T-13STATE determines that Collocator's Virtual Collocation Application is unacceptable, AT&T-13STATE shall advise Collocator of any deficiencies within this ten (10) calendar day period. AT&T-13STATE shall provide Collocator with sufficient detail so that Collocator has a reasonable opportunity to cure each deficiency. To retain its place in the queue to obtain the Virtual Collocation arrangement, Collocator must cure any deficiencies in its Application and resubmit such Application within ten (10) calendar days after being advised of the deficiencies. Any changes to the amount or type of floor space, interconnection terminations, and power requested from the originally submitted Virtual Collocation Application will not be considered a deficiency, but rather as a new Virtual Collocation Application with a new ten (10) calendar day space notification and

a new delivery interval. The delivery intervals set forth in this Section 17.3 is for new and augment Virtual Collocation Applications and apply only when the Collocator installs interconnection and power cabling.

17.3.1.2 The delivery interval relates to the period in which AT&T-13STATE shall construct and turnover to the Collocator's AT&T-13STATE Approved Vendor the requested Virtual Collocation Space. The delivery interval begins on the date AT&T-13STATE receives a complete and accurate Virtual Collocation Application from the Collocator. The Collocator must provide AT&T-13STATE, within seven (7) calendar days from the date of notification granting the application request, a confirmatory response in writing to continue construction along with the fifty percent (50%) payment of non-recurring charges (unless payment was received with application) or the delivery interval provided in table below will not commence until such time as AT&T-13STATE has received such response and payment. If the Collocator has not provided AT&T-13STATE such response and payment by the twelfth (12th) calendar day after the date AT&T-13STATE notified Collocator its request has been granted, the application will be canceled. Dedicated space is not reserved until AT&T-13STATE's receipt of the confirmatory response in writing from the Collocator with applicable fees. The delivery interval for Virtual Collocation is determined by AT&T-13STATE taking into consideration the various factors set forth in Table (1) below including, without limitation, the number of all Virtual Collocation Applications submitted by Collocator and the need for additional preparation of the space such as overhead racking, additional power or HVAC. The delivery interval assigned will be provided to the Collocator by AT&T-13STATE with the ten (10) calendar day space notification. Each complete and accurate Virtual Collocation Application received by AT&T-13STATE from the Collocator will be processed in the order received unless the Collocator provides a priority list, whichever is applicable.

Table 1

Number of All Applications submitted by One Collocator per state or metering region	Overhead Iron/Racking Exists for Virtual Collocation Space Use	Overhead Iron/Racking Does Not Exist for Virtual Collocation Space Use	Additional Power or HVAC is Required for Virtual Collocation Space Use
1 – 10	60 calendar days	80 calendar days	180 calendar days
11 - 20	65 calendar days	85 calendar days	185 calendar days

17.3.1.3 Should the Collocator submit twenty-one (21) or more applications within ten (10) business days, the above delivery intervals will be increased by five (5) days for every five (5) additional applications or fraction thereof. Any material revision to an application will be treated as a new application and the delivery intervals set forth in Table (1) above will be re-started. All Virtual Collocation Applications received by AT&T-13STATE from a Collocator within a ten (10) business day period shall be treated as submitted at the same time for purposes of administering the above staggering intervals. The Virtual Collocation delivery interval ends when roughed in and the assigned space has been distinctly marked by AT&T-13STATE.

17.3.1.4 For example, but not by way of limitation, if a Collocator submits twelve (12) complete and accurate Virtual Collocation Applications in a state, the delivery intervals

assigned by AT&T-13STATE will depend on which variables apply within each Eligible Structure Virtual Collocation is requested:

17.3.1.5 If Applications (1-4) are for Virtual Collocation Space where overhead racking exists, the delivery intervals assigned will be sixty (60) days. If Applications (5-11) are for Virtual Collocation Space where overhead racking does not exist, the delivery intervals assigned to Applications (5-10) will be eighty (80) calendar days and Application (11) will be assigned eighty five (85) calendar days. The Virtual Collocation Application (12) was requested in an Eligible Structure that needs additional HVAC added and would be assigned one hundred and eight five (185) calendar days.

17.3.2 Payment

17.3.2.1 The second fifty percent (50%) payment must be received by AT&T-13STATE prior to the space being turned over to the Collocator's AT&T-13STATE Approved Vendor. At space turnover, the Actual Point of Termination (APOT) Connection(s) will be provided to the Collocator's AT&T-13STATE Approved Vendor by AT&T-13STATE.

17.3.3 Cable Augments

17.3.3.1 For the following interconnection cabling Augments, the Collocator must submit a complete and accurate Virtual Collocation Application:

17.3.3.1.1 168 DS1 connections and/or

17.3.3.1.2 48 DS3 connections and/or

17.3.3.1.3 400 Copper (shielded or nonshielded) cable pair connections and/or

17.3.3.1.4 12 fiber pair connections

17.3.3.2 This application must include an up-front payment of the Application Fee and fifty percent (50%) of all applicable non-recurring charges.

17.3.3.3 The cabling Augment interval is determined by AT&T-13STATE taking into consideration the various factors set forth in Table (2) below including, without limitation, the number of all Virtual Collocation Applications for the above Augments submitted by Collocator, the type of infrastructure available for collocation, and the need for additional preparation of the infrastructure such as overhead racking and additional power. The cabling Augment interval assigned will be provided to the Collocator by AT&T-13STATE with the ten (10) calendar day Augment notification. Each complete and accurate Virtual Collocation Application received by AT&T-13STATE from the Collocator will be processed in the order received unless the Collocator provides a priority list, whichever is applicable.

Number of All Applications submitted by One Collocator per state or metering region	Necessary Elements such as Iron/Racking and Power exist for Virtual Collocation Use	Necessary Elements such as Iron/Racking and Power does not exist for Virtual Collocation Use
1 – 10	30 calendar days	60 calendar days
11 - 20	35 calendar days	65 calendar days

17.3.3.4 Should the Collocator submit twenty-one (21) or more Virtual Collocation Applications for cabling Augments within ten (10) business days, the above cabling Augment intervals will be increased by five (5) days for every five (5) additional application or fraction thereof. Any material revision to a Virtual Collocation Application for cabling Augments will be treated as a new application and the cabling Augment delivery

intervals set forth in Table (2) above. All cabling Augment applications received by AT&T-13STATE from a Collocator within a ten (10) business day period shall be treated as submitted at the same time for purposes of administering the above staggering intervals.

17.3.3.5 For example, but not by way of limitation, if a Collocator submits twelve (12) Virtual Collocation Applications for cabling Augments in a state, the delivery intervals assigned will depend on which variables apply within each Eligible Structure requested:

17.3.3.6 If Applications (1-4) are for Virtual Collocation cabling Augments where necessary elements such as overhead racking and power exists, the delivery interval assigned will be thirty (30) calendar days. If Applications (5-12) are for Physical Collocation where necessary elements such as overhead racking and power does not exists, the delivery interval assigned to Applications (5-10) will be sixty (60) calendar days and for Applications (11-12) sixty five (65) calendar days.

17.3.4 All Other Augments

17.3.4.1 For all Augments other than provided above, AT&T-13STATE will work cooperatively with Collocator to negotiate a mutually agreeable delivery intervals.

17.3.5 Walk-Through Visit

17.3.5.1 Within twenty (20) calendar days or mutually agreed upon time, from AT&T-13STATE's receipt of the confirmatory response in writing to continue construction on the Virtual Collocation job requested along with the 50% payment of non-recurring charges (unless payment was received with application), Network Support and/or appropriate departments will schedule a walk through visit with the CLEC and/or vendor to provide floor plans of space and the preliminary route design for the interconnection and power cabling.

17.4 Rate Elements for AT&T-13STATE Central Offices

17.4.1 DC Power Arrangement Provisioning

17.4.1.1 When the Collocator selects the option to install the power cable by an AT&T-13STATE Approved Power Installation vendor, only the rack occupancy and on-going maintenance of the rack charge will apply. This is expressed as a monthly rate as specified on the Collocation Rate Summary of this Appendix.

17.4.2 DS0 Voice Grade Cable Arrangement

17.4.2.1 When the Collocator selects the option to provide and install the interconnection cabling by an AT&T-13STATE approved vendor, the DS0 Voice Grade Terminal blocks at the MDF, rack occupancy, and on-going maintenance charges will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary of this Appendix.

17.4.3 DS-1 Interconnection Cable Arrangement to Digital Cross Connect System (DCS)

17.4.3.1 When the Collocator selects the option to provide and install the interconnection cabling by an AT&T-13STATE approved vendor, the DS-1 Port, rack occupancy, and on-going maintenance charges will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary of this Appendix .

17.4.4 DS-1 Interconnection Cable Arrangement to Digital System Cross-Connect Frame

17.4.4.1 When the Collocator selects the option to provide and install the interconnection cabling by an AT&T-13STATE approved vendor, the Digital System Cross-Connect Frame at the MDF, rack occupancy, and on-going maintenance charges will apply.

This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary of this Appendix.

17.4.5 DS-3 Interconnection Cable Arrangement to Digital Cross Connect System (DCS)

17.4.5.1 When the Collocator selects the option to provide and install the interconnection cabling by an AT&T-13STATE approved vendor, the DS-3 Port, rack occupancy, and on-going maintenance charges will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary of this Appendix.

17.4.6 DS-3 Interconnection Cable Arrangement to Digital System Cross-Connect Frame

17.4.6.1 When the Collocator selects the option to provide and install the interconnection cabling by an AT&T-13STATE approved vendor, the DIGITAL SYSTEM CROSS-CONNECT FRAME at the MDF, rack occupancy, and on-going maintenance charges will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary of this Appendix.

17.4.7 Fiber Interconnection Cable Arrangement

17.4.7.1 When the Collocator selects the option to provide and install the interconnection cabling by an AT&T-13STATE approved vendor, the Fiber terminating panel at the FDF-1 Port, rack occupancy, and on-going maintenance charges will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary of this Appendix.

17.4.8 Collocation to Collocation Connection

17.4.8.1 This rate element includes virtual to virtual and virtual to physical connection options.

17.4.8.1.1 Fiber Cable

17.4.8.1.1.1 When the Collocator selects the option to provide and install the interconnection cabling by a AT&T-13STATE approved vendor, the charge for on-going maintenance of the rack will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary of this Appendix.

17.4.8.2.1 Copper Cable

17.4.8.2.1.1 When the Collocator selects the option to provide and install the interconnection cabling by a AT&T-13STATE approved vendor, the charge for on-going maintenance of the rack will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary of this Appendix.

17.4.8.3.1 Coax Cable

17.4.8.3.1.1 When the Collocator selects the option to provide and install the interconnection cabling by a AT&T-13STATE approved vendor, the charge for on-going maintenance will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary of this Appendix.

17.4.8.4.1 Cable Racking and Hole

17.4.8.4.1.1 This sub-element provides for cable rack space and hole for copper, coax and optical cabling between two collocation arrangements and the required terminations at each Virtual

Collocation arrangement(s) at an Eligible Structure. This sub-element is expressed as a monthly rate specified on the Collocation Rate Summary of this Appendix.

17.4.8.5.1 Route Design

17.4.8.5.1.1 This sub-element provides the route design for collocation-to-collocation connections. This sub-element is expressed as a non-recurring charge and this charge is specific on the Collocation Rate Summary of this Appendix.

18. COMPLETE SPACE DISCONTINUANCE, SPACE REASSIGNMENT, POWER REDUCTION AND INTERCONNECTION TERMINATION REDUCTION

18.1 This section provides rates, terms and conditions for Complete Space Discontinuance, Space Reassignment, Power Reduction and Interconnection Termination Reduction for Virtual Collocation.

18.1.1 Complete Space Discontinuance

The Collocator may discontinue an existing Virtual Collocation which may include bay space and interconnection facilities (e.g. power, timing, grounding, and interconnection) terminating in the Virtual Collocation Arrangement. The Collocator is required to provide a complete and accurate Virtual Collocation Application requesting to discontinue the Virtual Collocation Arrangement. The Collocator must complete the following activities within thirty (30) calendar days from the day the Virtual Collocation application was submitted. If the following activities have been initiated but not completed within the initial thirty (30) days, Collocator may request an additional thirty (30) calendar days to complete the following activities:

(A) Remove Collocator's equipment from the Virtual Collocation Arrangement using a Company approved Tier 1 or Tier 2 vendor

(B) Remove terminations at both ends of cable (e.g., power, timing, grounding, and interconnection) and cut cables up to the Company rack level. Collocator must use a Company approved Tier 1 vendor for this procedure and that vendor must follow TP76300 guidelines for cutting and capping the cable at the rack level.

(C) Remove Collocator's entrance cable between the Virtual Collocation Arrangement and the first manhole in accordance with the provisions of this Agreement. The Collocator is only responsible for physically removing entrance cables housed in conduits or inner-ducts and will only be required to do so when AT&T-13STATE instructs the Collocator that such removal can be accomplished without damaging or endangering other cables contained in a common duct or other equipment residing in the Central Office.

(D) Remove Collocator's miscellaneous items from the Virtual Collocation Arrangement, using a Company approved Tier 1 or Tier 2 vendor.

18.1.1.1 For complete space discontinuance of a Virtual Collocation Arrangement, the Collocator will not be responsible for cable mining (removal). Instead the Company will perform those tasks. Collocator will pay for those tasks through rate elements listed in 3.19.5.1.

18.1.1.2 If the Collocator fails to complete the items identified in 3.19.1 *the time specified in Section 18.1 above*, the Company may complete those items and charge the Collocator for any and all claims, expenses, fees or other costs associated with any such completion by the Company, including any materials used and the time spent at the

hourly rate for custom work. This work will be performed at the Collocator's risk and expense, and the Collocator will hold the Company harmless from the failure to return any equipment, property or other items.

18.1.1.3 When discontinuance of the Virtual Collocation Arrangement involves the removal of fiber entrance cable, the Collocator's Company approved Tier 1 Removal vendor is responsible for physically removing entrance cables housed in conduits or inner-ducts and may do so only after the Company confirms that such removal can be accomplished without damaging or endangering other cables contained in a common duct or other equipment residing in the Central Office.

18.1.2 Space Reassignment

In lieu of submitting an application request to discontinue a Virtual Collocation Arrangement section 18.1.1, the Collocator ("Exiting CLEC") may reassign the Virtual Collocation Arrangement to another CLEC ("CLEC Assignee") subject to certain terms and conditions outlined below. Any such reassignment of the Virtual Collocation Arrangement may not occur without the written consent of the Company. In order to request consent to reassign a Virtual Collocation Arrangement, either the CLEC Assignee or Exiting CLEC may submit a Virtual Collocation Application on behalf of both the Exiting CLEC and CLEC Assignee. Space Reassignment shall be subject to the following terms and conditions:

18.1.2.1 CLEC Assignee must, as of the date of submission of the Virtual Collocation Application have an approved ICA or an effective interim ICA.

18.1.2.2 Exiting CLEC will be liable to pay all nonrecurring and monthly recurring collocation charges on each Virtual Collocation Arrangement to be reassigned until the date the Company turns over the Virtual Collocation Arrangement to the CLEC Assignee. The Company's obligation to turn over the Virtual Collocation Arrangement shall not arise until all such charges are paid and all disputed charges have been deposited into an escrow account in accordance with Section 8 of the General Terms and Conditions Appendix.

18.1.2.3 An Exiting CLEC may not reassign Virtual Collocation space in a central office where a collocation waiting list exists for Virtual Collocation, unless all CLECs on the waiting list above the CLEC Assignee decline their position. This prohibition does not apply in the case of an acquisition, merger, or complete purchase of the Exiting CLEC's assets within the specific central office.

18.1.2.4 CLEC Assignee will defend and indemnify the Company from any losses, costs (including court costs), claims, damages (including fines, penalties, and criminal or civil judgments and settlements), injuries, liabilities and expenses (including attorneys' fees) if any other person, entity or regulatory authority challenges the assignment of any Virtual Collocation Arrangement(s) or otherwise claims a right to the space subject to the assignment.

18.1.2.5 CLEC Assignee or the Exiting CLEC shall submit one (1) complete and accurate application for each Virtual Collocation Arrangement. By submitting an application for a Virtual Collocation Arrangement, CLEC Assignee represents, warrants and agrees that it has obtained an executed sale or lease agreement for, and holds proper title to all non-Company equipment and other items in or otherwise associated with each Virtual Collocation Arrangement. CLEC Assignee further agrees to indemnify and hold the

Company harmless from any third-part claims involving allegations that CLEC Assignee does not hold proper title to such non-Company equipment and other items.

18.1.2.6 The company will respond to the Virtual Collocation Application within ten (10) calendar days of submission of the completed application, including provision of a price quote. Collocator Assignee must pay 100% of all non-recurring charges in the price quote before the Company begins to convert the Virtual Collocation Arrangement being reassigned. Once CLEC Assignee has paid 100% of all such non-recurring charges, the Company shall finish the work to convert the space within thirty (30) calendar days. The Company and CLEC Assignee will coordinate all conversion work to insure that the end-user customers of CLEC Assignee do not suffer disruptions of service. Such non-recurring charges will include some or all of the following: an application fee, project management fee, and all applicable restenciling fees reference in sections 18.1.5.2 and 18.1.6.2.

18.1.2.7 CLEC Assignee assumes each Virtual Collocation Arrangement "as is" which means that the Company will make no changes to the Virtual Collocation Arrangement, including no changes to power, interconnection and entrance facilities. Any modifications to such Virtual Collocation Arrangement must be submitted via a separate augment application (or as otherwise provided by the applicable ICA).

18.1.2.8 This section 18.1.2 does not affect any obligations arising outside of this Collocation Agreement.

18.1.3 Power Reduction

The Collocator may request to decrease the amount of existing power available to a Virtual Collocation Arrangement.

This can be done either by disconnecting and removing a power cable feed or by fusing down the amperage on a power cable feed. If the Collocator desires to disconnect a power arrangement (A and B feed), the Collocator will be responsible for paying the costs to remove the A and B power cable feeds that make up the power arrangement. If the Collocator desires to reduce the amperage on a power cable feed, the Collocator will be responsible for paying the costs necessary to change the fuses that serve the A and B feeds at the Company Battery Distribution Fuse Bay (BDFB). In either case, the Collocator must maintain a minimum amount of power on at least one power arrangement (A and B feed) to service their Virtual Collocation Arrangement when submitting their power reduction request. The Collocator shall submit an augment application in order to process this request.

If the Collocator desires to only reduce the fuse capacity on an existing power arrangement (A and B feed) rather than disconnect and remove cable to an existing power arrangement, Collocator may only reduce the fuse size to the lowest power amp increment offered in this Agreement . When the Collocator is requesting to reduce the fuse capacity only, the fees referenced in section 18.1.5.4 will apply. When the Collocator has only one power arrangement (A and B feed) serving their Virtual Collocation Arrangement, a fuse reduction is the only power reduction option available to the Collocator.

When a power reduction request involves a fuse change only on a power arrangement serviced from the Company BDFB (i.e. power arrangement consisting of a 50 amp A feed and a 50 amp B feed and below), the Collocator must hire a Company approved power vendor to coordinate fuse changes at the Company BDFB. Applicable fees referenced in section 18.1.5.4 will still apply.

When a power reduction request requires disconnecting and removing a power cable feed from the Company's BDFB, the Company will perform the power cable removal work above the rack level (cable mining). Applicable fees referenced in Section 18.1.5.3 will apply. Within thirty (30) days after submitting its power reduction request to disconnect and remove a power arrangement, the Collocator must perform the following activity:

(A) Remove terminations at both ends of the power cable feed and cut cables up to the Company rack level. Collocator must use a Company approved Tier 1 vendor for this procedure and that vendor must follow TP76300 guidelines for cutting and capping the cable at the rack level.

When the Collocator has multiple power arrangements serving a Virtual Collocation Arrangement (i.e., one power arrangement consisting of 50 amps on the A feed and 50 amps on the B feed and a second power arrangement consisting of 20 amps on the A feed and 20 amps on the B feed), the Collocator has the option of either fusing down the 50 amp power arrangement (A and B feed) or disconnecting and removing the power cable feed from the 50 amp power arrangement (A and B feed). If the Collocator chooses to disconnect and remove the power cable feed from a power arrangement (A and B feed), then the charges referenced in section 18.1.5.3 will apply. If the Collocator has multiple power arrangements (A and B feed) where they can request both a fuse reduction and a power cable removal for one Virtual Collocation Arrangement [i.e. reduce one power arrangement from 50 amps (A and B feed) to 20 amps (A and B feed) and remove the power cable from a second power arrangement from 50 amps (A and B feed) to 0 amps (A and B feed)], then the project management fee for power cable removal referenced in section 18.1.5.3 will apply in addition to the individual charges referenced in either section 18.1.5.3 or 18.1.5.4 associated with the overall power reduction request.

For any power reduction request (one which involves either a disconnect and removal, refusing only, or a combination of the two, the Collocator must submit an augment application for this request along with the appropriate application and project management fees referenced in section 18.1.5. The same augment intervals that are outlined in this Agreement for adding power will apply to power reduction requests.

18.1.4 Interconnection Termination Reduction

The Collocator may request a reduction of the existing amount of interconnection terminations that service a Virtual Collocation Arrangement. The Collocator shall submit an augment application in order to process this request. The Collocator must maintain at least one of the following minimum required interconnection arrangement authorized in Section 18.1.1. The same augment intervals that are outlined in this Agreement for adding interconnection terminations will apply to interconnection termination reductions.

Interconnection termination reduction requests will also require the disconnection and removal of interconnection cable. The Company will perform the interconnection cable removal work above the rack level (cable mining). Applicable fees referenced in section 18.1.5.5 will apply. Within thirty (30) days after submitting its interconnection termination reduction request to disconnect and remove an interconnection arrangement from its Virtual Collocation Arrangement, the Collocator must perform the following activity:

(A) Remove terminations at both ends of the interconnection cable and cut cables up to the Company rack level. Collocator must use a Company approved Tier 1 vendor for this procedure and that vendor must follow TP76300 guidelines for cutting and capping the cable at the rack level.

18.1.5 Rate Element Descriptions

18.1.5.1 Complete Space Discontinuance

(A) Application Fee – The charge assessed by the Company to process the Collocator's application for Virtual Collocation Arrangements.

(B) Project Management Fee – Complete Space Discontinuance – Reflects the Company's labor costs to project manage the complete discontinuance of the CLEC's Virtual Collocation Arrangement. The labor costs include the Company engineering for planning design of space restoration, equipment removal, interconnection, power and entrance cable removal, stenciling, floor plans, and DC power records.

(C) Remove Fiber Jumpers – Remove four fiber jumpers from the Fiber Troughing Duct.

(D) Remove Fiber Cables – Remove fiber cable sheaths (1-216 fibers) on dedicated fiber racking. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, waxed cable cord/twine, gray paint for removing plotter paper for Central Office drawings and transportation and taxes as appropriate.

(E) Remove VF/DS0 Cable – Remove cable sheaths totaling 100 pairs and each 100 pair connecting block from the MDF or IDF. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, gray paint for removing stenciling on frame, fire stop material, 8.5"x11" paper for engineering order, plotter paper for Central Office drawings and transportation and taxes as appropriate.

(F) Remove DS1 Cable – Remove two sheaths, on transmit and one receive, comprising of a total of 28 DS1 circuits to an existing DSX1 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, blank labels for DSX shelf, 8.5"x11" paper for engineering job order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

(G) Remove DS3 Cable (Coax) – Remove two coax cables per DS3 circuit to an existing DSX3 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, fire stop material, blank labels for DSX shelf, 8.5"x11" paper for engineering order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

(H) Remove Timing Cable – Remove a single timing lead (P7 wire). Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, CO timing book sheet, 8.5"x11" paper for engineering order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

(I) Remove Power Cable – Distribution from the Company BDFB (60 amp A feed and 60 amp B feed and below power arrangements) – Remove 4 power cables, including fuses and fuse panel. Removal activity also requires all costs associated

with the power cable removal, packing and shipping, removing stenciling from BDFB, and updating documents as required.

(J) Remove Fiber Entrance Cable – Remove fiber entrance cable from 1st manhole closest to the Central Office through cable vault to its endpoint termination in the collocation space (average 300' of cable). Removal activity also requires infrastructure maps and records, engineering work order, pump/ventilate manhole, safety inspection and removal of safety hazards, fire stops, and mechanized cable pulling tools.

Note 1 for Material: Cable scrap boxes are designed for cable cut into 3 foot lengths. This box is capable of handling 1000 pounds of weight, supporting forklift forks or floor jack lifts, moisture resistant, puncture resistant, and designed to be loaded into railroad cars for shipping.

18.1.5.2 Space Reassignment

(A) Application Fee – The charge assessed by the Company to process the Collocator's application for Virtual Collocation Arrangements.

(B) Project Management Fee – Space Assignment - This fee applies to Space Assignment request when a "Collocator Assignee" chooses to assign the rights to a Virtual Collocation Arrangement from an "Exiting Collocator." The charge reflects the Company's labor costs to project manage the changes/removals and update Central Office inventory/provisioning records, stenciling, floor plans, and DC power records associated with serving the Virtual Collocation Arrangement.

(C) Restencil DS0/DSL Block – The charge to remove/change stenciling on MDF or IDF per 100 pair blocks.

(D) Restencil DS1 Block– The charge to remove/change stenciling on DSX1 panel per 28 DS1s.

(E) Restencil DS3 Block – The charge to remove/change stenciling on DSX3 panel per DS3.

(F) Restencil Fiber Cable Block - The charge to remove/change stenciling on FDF per 12 pair cable.

(G) Restencil Fiber Jumper Block - The charge to remove/change stenciling on FDF per 4 fiber jumpers.

(H) Restencil Power – The charge to remove/change stenciling on power source and tag power cables per 1-4 fuses.

(I) Restencil Timing – The charge to remove/change stenciling on timing source and tag timing cables per two cable feeds.

(J) Timing Record Book Update – The charge to update timing records when changes/removals occur.

(K) Interconnection Records Update – The charge to update interconnection records when changes/removals occur.

(L) Power Records Update – The charge to update power records when changes/removals occur.

(M) Vendor Engineering – The labor costs for the Company vendor to write the specifications to perform the restenciling job including travel time and site visit.

18.1.5.3 Power Reduction (cable removal)

(A) Application Fee – The charge assessed by the Company to process the Collocator's application for Physical Collocation Arrangements.

(B) Project Management Fee – Power Reduction (cable removal) - Reflects the Company's labor costs to manage the removal of the individual Collocator's power cable facilities used for or associated with serving the Virtual Collocation Arrangement.

(C) Remove Power Cable – Distribution from the Company BDFB (50 amp A feed and 50 amp B feed and below power arrangements) – Remove 4 power cables, including fuses and fuse panel. Removal activity also requires all costs associated with the power cable removal, packing and shipping, removing stenciling from BDFB, and updating documents as required.

18.1.5.4 Power Reduction (refusing only)

(A) Application Fee – The charge assessed by the Company to process the Collocator's application for Physical Collocation Arrangements.

(B) Project Management Fee – Power Re-Fusing Only at the Company BDFB (50 amp A feed and 50 amp B feed and below power arrangements) - Reflects the Company's labor costs to project manage the change of the power re-fusing change on the Collocator's power services associated with serving the Physical Collocation Arrangement when power fuses are being reduced at the Company BDFB. This fee is applicable when the Collocator is coordinating the fuse reduction at the Company BDFB.

(C) Power Fuse Reductions on the Company BDFB (50 amp A feed and 50 amp B feed and below power arrangements) – The charge for the Company to tag cables and update Central Office power records associated with the fuse change on the Company BDFB per 1-4 fuses. This fee applies when the Collocator performs the fuse change at the BDFB.

18.1.5.5 Interconnection Termination Reduction

(A) Application Fee – The charge assessed by the Company to process the Collocator's application for Virtual Collocation Arrangements.

(B) Project Management Fee – Interconnection Termination Reduction – The charge reflects the Company's labor costs to project manage the changes/removals and update the interconnection block stenciling, Central Office and inventory/provisioning records associated with serving the Virtual Collocation Arrangement.

(C) Remove VF/DS0 Cable – Remove cable sheaths totaling 100 pairs and each 100 pair connecting block from the Company Main Distribution Frame to the Virtual Collocation Arrangement.

(D) Remove DS1 Cable – Remove two sheaths, on transmit and one receive, comprising of a total of 28 DS1 circuits to an existing DSX1 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, blank labels for DSX shelf, 8.5"x11" paper for engineering job order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

Note 1 for Material: Cable scrap boxes are designed for cable cut into 3 foot lengths. This box is capable of handling 1000 pounds of weight, supporting forklift forks or floor jack lifts, moisture resistant, puncture resistant, and designed to be loaded into railroad cars for shipping.

(E) Remove DS3 Cable (Coax) – Remove two coax cables per DS3 circuit to an existing DSX3 panel. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, heat shrink wrap, waxed cable cord/twine, fire stop material, blank labels for DSX shelf, 8.5"x11" paper for engineering order, yellow job wallet, plotter paper for Central Office drawings and transportation and taxes as appropriate.

(F) Remove Fiber Cables – Remove fiber cable sheaths (1-216 fibers) on dedicated fiber racking. Typical material includes cable scrap boxes (see note 1 below), adjacent equipment protection material, waxed cable cord/twine, gray paint for removing plotter paper for Central Office drawings and transportation and taxes as appropriate.

(G) Remove Fiber Jumpers - Remove four fiber jumpers from the Fiber Troughing Duct.

Note 1 for Material: Cable scrap boxes are designed for cable cut into 3 foot lengths. This box is capable of handling 1000 pounds of weight, supporting forklift forks or floor jack lifts, moisture resistant, puncture resistant, and designed to be loaded into railroad cars for shipping.

	A	B	C	D	E	F
1	**Product Type**	**Rate Element Description**	**USOC**	**Current Monthly Recurring Rate**	**Current Non-Recurring Rate (Initial)**	**Current Non-Recurring Rate (Additional)**
2	**CLEC-PROVISIONED FACILITIES & EQUIPMENT: CAGED**					
3	**REAL ESTATE**					
4	Site Conditioning	Per Sq. Ft. of space used by CLEC	**S8FWB**		$9.28	
5	Safety & Security	Per Sq. Ft. of space used by CLEC	**S8F4N**		$19.56	
6	Floor Space Usage	Per Sq. Ft. of space used by CLEC	**S8F4L**	$5.97		
7	**COMMON SYSTEMS**					
8	Common Systems - Cage	Per Sq. Ft. of space used by CLEC	**S8F4A**	$0.44	$59.86	
9	**PLANNING**					
10	Planning - Central Office	Per Sq. Ft. of space used by CLEC	**S8GCA**	$0.09	$7.55	
11	Planning	Per Request	**NRFCD**		$5,244.43	
12	Planning - Subsequent Inter. Cabling	Per Request	**NRFCE**		$2,267.04	
13	Planning - Subsequent Power Cabling	Per Request	**NRFCF**		$2,306.10	
14	Planning - Subs. Inter./Power Cabling	Per Request	**NRFCG**		$2,884.60	
15	Planning - Non-Standard	Per Request	**NRFCH**		$1,436.00	
16	**POWER PROVISIONING**					
17	**Power Panel:**					
18	50 Amp	Per Power Panel (CLEC Provided)	**NONE**			
19	200 Amp	Per Power Panel (CLEC Provided)	**NONE**			
20	**Power Cable and Infrastructure:**					
21	Power Cable Rack	Per Four Power Cables or Quad	**NONE**			
22	2-20 Amp Feeds	Per 2-20 Amp Power Feeds (CLEC Provided)	**S8GF1**	$0.25	$48.23	
23	2-50 Amp Feeds	Per 2-50 Amp Power Feeds (CLEC Provided)	**S8GF2**	$0.25	$48.23	
24	2-100 Amp Feeds	Per 2-100 Amp Power Feeds (CLEC Provided)	**S8GF3**	$0.25	$48.23	
25	**Equipment Grounding:**					
26	Ground Cable Placement	Per Sq. Ft. of space used by CLEC	**S8FCR**	$0.03	$0.92	
27	**DC POWER AMPERAGE CHARGE**					
28	HVAC	Per 10 Amps	**S8GCS**	$14.62		
29	Per Amp	Per Amp	**S8GCR**	$10.61		
30	**FIBER CABLE PLACEMENT**					
31	**Central Office:**					
32	Fiber Cable	Per Fiber Cable Sheath (CLEC Vendor Pulls Cable)	**S8FQ9**	$4.85	$809.13	
33	Entrance Conduit	Per Fiber Cable Sheath	**S8FW5**	$8.76		
34	**MISCELLANEOUS & OPTIONAL COST:**					
35	**MISCELLANEOUS COSTS**					
36	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8F45**	$0.08	$14.81	
37	Bits Timing	Per two circuits	**S8FQT**	$3.58	$698.82	
38	Space Availability Report	Per Premise	**NRFCQ**		$168.04	
39	Security Access / ID Cards	Per Five Cards	**NRFCM**		$123.35	
40	Security Access / ID Cards/Expedite	Per Five Cards	**NRFCN**		$203.35	
41	**CAGE COMMON COSTS**					
42	AC Circuit Placement	Per Sq. Ft. (CLEC provides cage)	**NRL6O**		$5.29	
43	**INTERCONNECTION COSTS:**					
44	**ILEC TO CLEC CONNECTION**					
45	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	**S8F48**	$3.86	$156.02	
46	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	**S8FWU**	$3.86	$156.02	
47	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	**S8FQM**	$295.42	$3,105.79	
48	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	**S8F46**	$6.07	$486.89	
49	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	**S8F47**	$115.30	$1,809.40	
50	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	**S8FQN**	$5.69	$116.67	
51	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	**S8FQR**	$3.76	$495.49	
52	**CLEC TO CLEC CONNECTION**					
53	Cable Racking and Hole for Optical	Per Cable	**S8GFE**	$0.82		
54	Cable Racking and Hole for DS1	Per Cable	**S8GFF**	$0.57		
55	Cable Racking and Hole for DS3	Per Cable	**S8GFG**	$0.50		
56	Route Design		**NRFCX**		$424.88	
57	Connection for DS1	Per 28 Circuits (CLEC provides cable)	**S8GFH**	$0.18		
58	Connection for DS3	Per Circuit (CLEC provides cable)	**S8GFJ**	$0.12		
59	Connection for Optical	Per Cable (CLEC provides cable)	**S8GFK**	$0.31		
60	**TIME SENSITIVE ACTIVITIES**					
61	**PRE-VISITS**					
62	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCR**		$23.23	
63	Comm. Tech - Craft	Per 1/4 Hour	**NRFCS**		$19.60	
64	CO Manager - 1st Level	Per 1/4 Hour	**NRFCT**		$19.72	
65	Floor Space Planning - 1st Level	Per 1/4 Hour	**NRFCU**		$19.24	
66	**CONSTRUCTION VISITS**					
67	Project Manager - 1st Level	Per 1/4 Hour	**NRFCV**		$19.24	
68	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCZ**		$23.23	
69	**RSM Option**					
70	Additional Dedicated HVAC Charge	per request	**NRFCL**		$3,100.00	
71	Dedicated power Plant Floor Space	per request	**S8GCQ**	$394.00		

	A	B	C	D	E	F
1	**Product Type**	**Rate Element Description**	**USOC**	**Current Monthly Recurring Rate**	**Current Non-Recurring Rate (Initial)**	**Current Non-Recurring Rate (Additional)**
72						
73	**AT&T-PROVISIONED FACILITIES & EQUIPMENT: CAGED**					
74	**REAL ESTATE**					
75	Site Conditioning	Per Sq. Ft. of space used by CLEC	**S8GCE**		$9.28	
76	Safety & Security	Per Sq. Ft. of space used by CLEC	**S8GCF**		$19.56	
77	Floor Space Usage	Per Sq. Ft. of space used by CLEC	**S8GCD**	$5.97		
78	**COMMON SYSTEMS**					
79	Common Systems - Cage	Per Sq. Ft. of space used by CLEC	**S8GCG**	$0.44	$59.86	
80	**PLANNING**					
81	Planning - Central Office	Per Sq. Ft. of space used by CLEC	**S8GCA**	$0.09	$7.55	
82	Planning	Per Request	**NRFCD**		$5,244.43	
83	Planning - Subsequent Inter. Cabling	Per Request	**NRFCE**		$2,267.04	
84	Planning - Subsequent Power Cabling	Per Request	**NRFCF**		$2,306.10	
85	Planning - Subs. Inter./Power Cabling	Per Request	**NRFCG**		$2,884.60	
86	Planning - Non-Standard	Per Request	**NRFCH**		$1,436.00	
87	**POWER PROVISIONING**					
88	**Power Panel:**					
89	50 Amp	Per Power Panel	**S8GC8**	$15.77	$3,079.47	
90	200 Amp	Per Power Panel	**S8GC9**	$18.75	$3,659.46	
91	**Power Cable and Infrastructure:**					
92	2-20 Amp Feeds	Per 2-20 Amp Power Feeds	**S8GCU**	$7.74	$1,570.84	
93	2-50 Amp Feeds	Per 2-50 Amp Power Feeds	**S8GCV**	$9.57	$1,954.85	
94	2-100 Amp Feeds	Per 2-100 Amp Power Feeds	**S8GCW**	$11.39	$2,344.44	
95	**Equipment Grounding:**					
96	Ground Cable Placement	Per Sq. Ft. of space used by CLEC	**S8GDA**	$0.03	$0.92	
97	**DC POWER AMPERAGE CHARGE**					
98	HVAC	Per 10 Amps	**S8GCS**	$14.62		
99	Per Amp	Per Amp	**S8GCR**	$10.61		
100	**FIBER CABLE PLACEMENT**					
101	**Central Office:**					
102	Fiber Cable	Per Fiber Cable Sheath	**S8GDE**	$4.85	$1,619.88	
103	Entrance Conduit to Vault	Per Fiber Cable Sheath	**S8GDD**	$8.76		
104	**MISCELLANEOUS & OPTIONAL COST:**					
105	**MISCELLANEOUS COSTS**					
106	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8GEK**	$0.08	$14.81	
107	Bits Timing	Per two circuits	**S8GEJ**	$3.58	$698.82	
108	Space Availability Report	Per Premise	**NRFCQ**		$168.04	
109	Security Access / ID Cards	Per Five Cards	**NRFCM**		$123.35	
110	Security Access / ID Cards/Expedite	Per Five Cards	**NRFCN**		$203.35	
111	**CAGE COMMON COSTS**					
112	Cage Preparation	Per Sq. Ft. of space used by CLEC	**S8GCH**	$0.27	$19.70	
113	**INTERCONNECTION COSTS:**					
114	**ILEC TO CLEC CONNECTION**					
115	Voice Grade Arrangement	100 Copper Pairs	**S8GD4**	$4.92	$1,027.16	
116	Voice Grade Arrangement	100 Shielded Pairs	**S8GD5**	$4.92	$1,027.16	
117	DS1 Arrangement - DCS	28 DS1	**S8GDK**	$297.44	$3,613.06	
118	DS1 Arrangement - DSX	28 DS1	**S8GDP**	$9.79	$1,346.48	
119	DS3 Arrangement - DCS	1 DS3	**S8GDV**	$115.58	$2,181.58	
120	DS3 Arrangement - DSX	1 DS3	**S8GDZ**	$7.14	$603.89	
121	Fiber Arrangement	12 Fiber Pairs (24 Fiber strands)	**S8GED**	$6.55	$1,779.78	
122	**CLEC TO CLEC CONNECTION**					
123	Cable Racking and Hole for Optical	Per Cable	**S8GFE**	$0.82		
124	Cable Racking and Hole for DS1	Per Cable	**S8GFF**	$0.57		
125	Cable Racking and Hole for DS3	Per Cable	**S8GFG**	$0.50		
126	Route Design		**NRFCX**		$424.88	
127	Connection for DS1	Per 28 Circuits	**S8GFC**	$1.41	$982.35	
128	Connection for DS3	Per Circuit	**S8GFD**	$1.30	$433.86	
129	Connection for Optical (Fiber)	Per Cable	**S8GFB**	$1.38	$1,404.07	
130	**TIME SENSITIVE ACTIVITIES**					
131	**PRE-VISITS**					
132	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCR**		$23.23	
133	Comm. Tech - Craft	Per 1/4 Hour	**NRFCS**		$19.60	
134	CO Manager - 1st Level	Per 1/4 Hour	**NRFCT**		$19.72	
135	Floor Space Planning - 1st Level	Per 1/4 Hour	**NRFCU**		$19.24	
136	**CONSTRUCTION VISITS**					
137	Project Manager - 1st Level	Per 1/4 Hour	**NRFCV**		$19.24	
138	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCZ**		$23.23	
139	**RSM Option**					
140	Additional Dedicated HVAC Charge	Per Request	**NRFCL**		$3,100.00	
141	Dedicated power Plant FLoor Space	Per Request	**S8GCQ**	$394.00		
142						

	A	B	C	D	E	F
1	**Product Type**	**Rate Element Description**	**USOC**	**Current Monthly Recurring Rate**	**Current Non-Recurring Rate (Initial)**	**Current Non-Recurring Rate (Additional)**
143	**CLEC-PROVISIONED FACILITIES & EQUIPMENT:** **CAGELESS**					
144	**REAL ESTATE**					
145	Site Conditioning	Per Frame (Standard Bay=10 sq ft)	**S8FWC**		$92.81	
146	Safety & Security	Per Frame (Standard Bay=10 sq ft)	**S8FWG**		$195.57	
147	Floor Space Usage	Per Frame (Standard Bay=10 sq ft)	**S8F9C**	$64.21		
148	**COMMON SYSTEMS**					
149	Common Systems - Cageless	Per Frame (Standard Bay=10 sq ft)	**S8FWE**	$9.35	$760.45	
150	**PLANNING**					
151	Planning - Central Office	Per Frame (Standard Bay=10 sq ft)	**S8GCB**	$1.13	$75.54	
152	Planning	Per Request	**NRFCJ**		$4,601.93	
153	Planning - Subsequent Inter. Cabling	Per Request	**NRFCE**		$2,267.04	
154	Planning - Subsequent Power Cabling	Per Request	**NRFCF**		$2,306.10	
155	Planning - Subs. Inter./Power Cabling	Per Request	**NRFCG**		$2,884.60	
156	Planning - Non-Standard	Per Request	**NRFCH**		$1,436.00	
157	**POWER PROVISIONING**					
158	**Power Panel:**					
159	50 Amp	Per Power Panel (CLEC Provided)	**NONE**			
160	200 Amp	Per Power Panel (CLEC Provided)	**NONE**			
161	**Power Cable and Infrastructure:**					
162	Power Cable Rack	Per Four Power Cables or Quad	**NONE**			
163	2-20 Amp Feeds	Per 2-20 Amp Power Feeds (CLEC Provided)	**S8GF1**	$0.25	$48.23	
164	2-50 Amp Feeds	Per 2-50 Amp Power Feeds (CLEC Provided)	**S8GF2**	$0.25	$48.23	
165	2-100 Amp Feeds	Per 2-100 Amp Power Feeds (CLEC Provided)	**S8GF3**	$0.25	$48.23	
166	**Equipment Grounding:**					
167	Ground Cable Placement	Per Frame	**S8GDB**	$0.33	$15.32	
168	**DC POWER AMPERAGE CHARGE**					
169	HVAC	Per 10 Amps	**S8GCS**	$14.62		
170	Per Amp	Per Amp	**S8GCR**	$10.61		
171	CEV, HUT & Cabinets	Per 2 inch mounting space	**S8GCT**	$1.27		
172	**FIBER CABLE PLACEMENT**					
173	**Central Office:**					
174	Fiber Cable	Per Fiber Cable Sheath (CLEC Vendor Pulls Cable)	**S8FQ9**	$4.85	$809.13	
175	Entrance Conduit	Per Fiber Cable Sheath	**S8FW5**	$8.76		
176	**CEV, HUT & Cabinets:**					
177	Fiber Cable Placement	Per Fiber Cable Sheath	**S8GDH**		$53.58	
178	Entrance Conduit	Per Fiber Cable Sheath	**S8GDJ**	$2.61		
179	**MISCELLANEOUS & OPTIONAL COST:**					
180	**MISCELLANEOUS COSTS**					
181	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8F45**	$0.08	$14.81	
182	Bits Timing	Per two circuits	**S8FQT**	$3.58	$698.82	
183	Space Availability Report	Per Premise	**NRFCQ**		$168.04	
184	Security Access / ID Cards	Per Five Cards	**NRFCM**		$123.35	
185	Security Access / ID Cards/Expedite	Per Five Cards	**NRFCN**		$203.35	
186	**CAGELESS / POT BAY OPTIONS**					
187	Standard Equipment Bay	Each (CLEC Provided)	**NONE**			
188	Non-Standard Cabinet Bay	Each (CLEC Provided)	**NONE**			
189	VF/DS0 Termination Panel	Each (CLEC Provided)	**NONE**			
190	VF/DS0 Termination Module	Each (CLEC Provided)	**NONE**			
191	DDP-1 Panel	Each (CLEC Provided)	**NONE**			
192	DDP-1 Jack Access Card	Each (CLEC Provided)	**NONE**			
193	DS3/STS-1 Interconnect Panel	Each (CLEC Provided)	**NONE**			
194	DS3 Interconnect Module	Each (CLEC Provided)	**NONE**			
195	Fiber Optic Splitter Panel	Each (CLEC Provided)	**NONE**			
196	Fiber Termination Dual Module	Each (CLEC Provided)	**NONE**			
197	**CEV, HUT, CABINET**					
198	24 Foot CEV	2 Inch Mounting Space	**S8GE3**	$1.64		
199	16 Foot CEV	2 Inch Mounting Space	**S8GE4**	$1.77		
200	Maxi-Hut	2 Inch Mounting Space	**S8GE1**	$0.77		
201	Mini-Hut	2 Inch Mounting Space	**S8GE2**	$1.33		
202	Large Cabinet	2 Inch Mounting Space	**S8GEX**	$1.63		
203	Medium Cabinet	2 Inch Mounting Space	**S8GEY**	$2.19		
204	Small Cabinet	2 Inch Mounting Space	**S8GEZ**	$3.29		
205	**INTERCONNECTION COSTS:**					
206	**ILEC TO CLEC CONNECTION**					
207	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	**S8F3E**	$3.86	$156.02	
208	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	**S8FWV**	$3.86	$156.02	
209	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	**S8F2J**	$295.42	$3,105.79	
210	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	**S8F2P**	$6.07	$486.89	
211	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	**S8F21**	$115.30	$1,809.40	
212	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	**S8F25**	$5.69	$116.67	
213	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	**S8F49**	$3.76	$495.49	

	A	B	C	D	E	F
1	**Product Type**	**Rate Element Description**	**USOC**	**Current Monthly Recurring Rate**	**Current Non-Recurring Rate (Initial)**	**Current Non-Recurring Rate (Additional)**
214	**CLEC TO CLEC CONNECTION**					
215	Cable Racking and Hole for Optical	Per Cable	**S8GFE**	$0.82		
216	Cable Racking and Hole for DS1	Per Cable	**S8GFF**	$0.57		
217	Cable Racking and Hole for DS3	Per Cable	**S8GFG**	$0.50		
218	Route Design		**NRFCX**		$424.88	
219	Connection for DS1	Per 28 Circuits (CLEC provides cable)	**S8GFL**	$0.18	$0.00	
220	Connection for DS3	Per Circuit (CLEC provides cable)	**S8GFM**	$0.12	$0.00	
221	Connection for Optical	Per Cable (CLEC provides cable)	**S8GFN**	$0.31	$0.00	
222	**PROJECT MANAGEMENT**					
223	**CEV, HUT & CABINET**					
224	Project Coordination	Per CLEC Application	**NRFCK**		$631.17	
225	**TIME SENSITIVE ACTIVITIES**					
226	**PRE-VISITS**					
227	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCR**		$23.23	
228	Comm. Tech - Craft	Per 1/4 Hour	**NRFCS**		$19.60	
229	CO Manager - 1st Level	Per 1/4 Hour	**NRFCT**		$19.72	
230	Floor Space Planning - 1st Level	Per 1/4 Hour	**NRFCU**		$19.24	
231	**CONSTRUCTION VISITS**					
232	Project Manager - 1st Level	Per 1/4 Hour	**NRFCV**		$19.24	
233	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCZ**		$23.23	
234						
235	**AT&T-PROVISIONED FACILITIES & EQUIPMENT: CAGELESS**					
236	**REAL ESTATE**					
237	Site Conditioning	Per Frame (Standard Bay=10 sq ft)	**S8GCL**		$92.81	
238	Safety & Security	Per Frame (Standard Bay=10 sq ft)	**S8GCN**		$195.57	
239	Floor Space Usage	Per Frame (Standard Bay=10 sq ft)	**S8GCK**	$64.21		
240	**COMMON SYSTEMS**					
241	Common Systems - Cageless	Per Frame (Standard Bay=10 sq ft)	**S8GCM**	$9.35	$760.45	
242	**PLANNING**					
243	Planning - Central Office	Per Frame (Standard Bay=10 sq ft)	**S8GCB**	$1.13	$75.54	
244	Planning	Per Request	**NRFCJ**		$4,601.93	
245	Planning - Subsequent Inter. Cabling	Per Request	**NRFCE**		$2,267.04	
246	Planning - Subsequent Power Cabling	Per Request	**NRFCF**		$2,306.10	
247	Planning - Subs. Inter./Power Cabling	Per Request	**NRFCG**		$2,884.60	
248	Planning - Non-Standard	Per Request	**NRFCH**		$1,436.00	
249	**POWER PROVISIONING**					
250	**Power Panel:**					
251	50 Amp	Per Power Panel	**S8GC8**	$15.77	$3,079.47	
252	200 Amp	Per Power Panel	**S8GC9**	$18.75	$3,659.46	
253	**Power Cable and Infrastructure:**					
254	2-20 Amp Feeds	Per 2-20 Amp Power Feeds	**S8GCX**	$7.74	$2,262.52	
255	2-50 Amp Feeds	Per 2-50 Amp Power Feeds	**S8GCY**	$9.57	$2,749.10	
256	2-100 Amp Feeds	Per 2-100 Amp Power Feeds	**S8GCZ**	$11.39	$3,236.32	
257	**Equipment Grounding:**					
258	Ground Cable Placement	Per Frame	**S8GDB**	$0.33	$15.32	
259	**DC POWER AMPERAGE CHARGE**					
260	HVAC	Per 10 Amps	**S8GCS**	$14.62		
261	Per Amp	Per Amp	**S8GCR**	$10.61		
262	CEV, HUT & Cabinets	Per 2 inch mounting space	**S8GCT**	$1.27		
263	**FIBER CABLE PLACEMENT**					
264	**Central Office:**					
265	Fiber Cable	Per Fiber Cable Sheath	**S8GDE**	$4.85	$1,619.88	
266	Entrance Conduit	Per Fiber Cable Sheath	**S8GDD**	$8.76		
267	**CEV, HUT & Cabinets:**					
268	Fiber Cable Placement	Per Fiber Cable Sheath	**S8GDH**		$53.58	
269	Entrance Conduit	Per Fiber Cable Sheath	**S8GDJ**	$2.61		
270	**MISCELLANEOUS & OPTIONAL COST:**					
271	**MISCELLANEOUS COSTS**					
272	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8GEK**	$0.08	$14.81	
273	Bits Timing	Per two circuits	**S8GEJ**	$3.58	$698.82	
274	Space Availability Report	Per Premise	**NRFCQ**		$168.04	
275	Security Access / ID Cards	Per Five Cards	**NRFCM**		$123.35	
276	Security Access / ID Cards/Expedite	Per Five Cards	**NRFCN**		$203.35	
277	**CAGELESS / POT BAY OPTIONS**					
278	Standard Equipment Bay	Each	**NRFCO**	$8.89	$721.28	
279	Non-Standard Cabinet Bay	Each	**NRFCP**	$17.78	$3,470.81	
280	VF/DS0 Termination Panel/Module	Each	**S8GE5**	$3.10	$605.64	
281	DDP-1 Panel/Jack Access Card	Each	**S8GE6**	$8.08	$1,576.65	
282	DS3/STS-1 Interconnect Panel	Each	**S8GE7**	$2.38	$465.47	
283	DS3 Interconnect Module	Each	**S8GE8**	$0.45	$87.35	
284	Fiber Optic Splitter Panel	Each	**S8GE9**	$1.52	$297.00	
285	Fiber Termination Dual Module	Each	**S8GFA**	$1.37	$267.88	

	A	B	C	D	E	F
1	**Product Type**	**Rate Element Description**	**USOC**	**Current Monthly Recurring Rate**	**Current Non-Recurring Rate (Initial)**	**Current Non-Recurring Rate (Additional)**
286	**CEV, HUT, CABINET**					
287	24 Foot CEV	2 Inch Mounting Space	**S8GE3**	$1.64		
288	16 Foot CEV	2 Inch Mounting Space	**S8GE4**	$1.77		
289	Maxi-Hut	2 Inch Mounting Space	**S8GE1**	$0.77		
290	Mini-Hut	2 Inch Mounting Space	**S8GE2**	$1.33		
291	Large Cabinet	2 Inch Mounting Space	**S8GEX**	$1.63		
292	Medium Cabinet	2 Inch Mounting Space	**S8GEY**	$2.19		
293	Small Cabinet	2 Inch Mounting Space	**S8GEZ**	$3.29		
294	**INTERCONNECTION COSTS:**					
295	**ILEC TO CLEC CONNECTION**					
296	Voice Grade Arrangement	100 Copper Pairs	**S8GD6**	$4.92	$1,027.16	
297	Voice Grade Arrangement	100 Shielded Pairs	**S8GD7**	$4.92	$1,027.16	
298	DS1 Arrangement - DCS	28 DS1	**S8GDL**	$297.44	$3,613.06	
299	DS1 Arrangement - DSX	28 DS1	**S8GDQ**	$9.79	$1,346.48	
300	DS3 Arrangement - DCS	1 DS3	**S8GDW**	$115.58	$2,181.58	
301	DS3 Arrangement - DSX	1 DS3	**S8GD1**	$7.14	$603.89	
302	Fiber Arrangement	12 Fiber Pairs (24 Fiber Strands)	**S8GEE**	$6.55	$1,779.78	
303	**CLEC TO CLEC CONNECTION**					
304	Cable Racking and Hole for Optical	Per Cable	**S8GFE**	$0.82		
305	Cable Racking and Hole for DS1	Per Cable	**S8GFF**	$0.57		
306	Cable Racking and Hole for DS3	Per Cable	**S8GFG**	$0.50		
307	Route Design		**NRFCX**		$424.88	
308	Connection for DS1	Per 28 Circuits	**S8GFC**	$1.41	$982.35	
309	Connection for DS3	Per Circuit	**S8GFD**	$1.30	$433.86	
310	Connection for Optical (Fiber)	Per Cable	**S8GFB**	$1.38	$1,404.07	
311	**PROJECT MANAGEMENT**					
312	**CEV, HUT & CABINET**					
313	Project Coordination	Per CLEC Application	**NRFCK**		$631.17	
314	**TIME SENSITIVE ACTIVITIES**					
315	**PRE-VISITS**					
316	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCR**		$23.23	
317	Comm. Tech - Craft	Per 1/4 Hour	**NRFCS**		$19.60	
318	CO Manager - 1st Level	Per 1/4 Hour	**NRFCT**		$19.72	
319	Floor Space Planning - 1st Level	Per 1/4 Hour	**NRFCU**		$19.24	
320	**CONSTRUCTION VISITS**					
321	Project Manager - 1st Level	Per 1/4 Hour	**NRFCV**		$19.24	
322	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCZ**		$23.23	
323						
324	**CLEC-PROVISIONED FACILITIES & EQUIPMENT: CAGED COMMON**					
325	**REAL ESTATE**					
326	Site Conditioning	Per Frame (Standard Bay=10 sq ft)	**S8FWC**		$92.81	
327	Safety & Security	Per Frame (Standard Bay=10 sq ft)	**S8FWG**		$195.57	
328	Floor Space Usage	Per Linear Foot	**S8GCO**	$24.87		
329	**COMMON SYSTEMS**					
330	Common Systems - Common	Per Linear Foot	**S8GCP**	$3.62	$294.37	
331	**PLANNING**					
332	Planning - Central Office	Per Linear Foot	**S8GCC**	$0.44	$29.24	
333	Planning	Per Request	**NRFCJ**		$4,601.93	
334	Planning - Subsequent Inter. Cabling	Per Request	**NRFCE**		$2,267.04	
335	Planning - Subsequent Power Cabling	Per Request	**NRFCF**		$2,306.10	
336	Planning - Subs. Inter./Power Cabling	Per Request	**NRFCG**		$2,884.60	
337	Planning - Non-Standard	Per Request	**NRFCH**		$1,436.00	
338	**POWER PROVISIONING**					
339	**Power Panel:**					
340	50 Amp	Per Power Panel (CLEC provides)	**NONE**			
341	200 Amp	Per Power Panel (CLEC provides)	**NONE**			
342	**Power Cable and Infrastructure:**					
343	Power Cable Rack	Per Four Power Cables or Quad	**NONE**			
344	2-20 Amp Feeds	Per 2-20 Amp Power Feeds (CLEC Provided)	**S8GF1**	$0.25	$48.23	
345	2-50 Amp Feeds	Per 2-50 Amp Power Feeds (CLEC Provided)	**S8GF2**	$0.25	$48.23	
346	2-100 Amp Feeds	Per 2-100 Amp Power Feeds (CLEC Provided)	**S8GF3**	$0.25	$48.23	
347	**Equipment Grounding:**					
348	Ground Cable Placement	Per Linear Foot	**S8GDC**	$0.13	$5.93	
349	**DC POWER AMPERAGE CHARGE**					
350	HVAC	Per 10 Amps	**S8GCS**	$14.62		
351	Per Amp	Per Amp	**S8GCR**	$10.61		
352	**FIBER CABLE PLACEMENT**					
353	**Central Office:**					
354	Fiber Cable	Per Fiber Cable Sheath (CLEC Vendor Pulls Cable)	**S8FQ9**	$4.85	$809.13	
355	Entrance Conduit	Per Fiber Cable Sheath	**S8FW5**	$8.76		

	A	B	C	D	E	F
1	**Product Type**	**Rate Element Description**	**USOC**	**Current Monthly Recurring Rate**	**Current Non-Recurring Rate (Initial)**	**Current Non-Recurring Rate (Additional)**
356	**MISCELLANEOUS & OPTIONAL COST:**					
357	**MISCELLANEOUS COSTS**					
358	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8F45**	$0.08	$14.81	
359	Bits Timing	Per two circuits	**S8FQT**	$3.58	$698.82	
360	Space Availability Report	Per Premise	**NRFCQ**		$168.04	
361	Security Access / ID Cards	Per Five Cards	**NRFCM**		$123.35	
362	Security Access / ID Cards/Expedite	Per Five Cards	**NRFCN**		$203.35	
363	**CAGE COMMON COSTS**					
364	Cage Preparation	Per Linear Foot	**S8GCJ**	$1.00	$157.00	
365	**INTERCONNECTION COSTS:**					
366	**ILEC TO CLEC CONNECTION**					
367	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	**S8F3E**	$3.86	$156.02	
368	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	**S8FWV**	$3.86	$156.02	
369	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	**S8F2J**	$295.42	$3,105.79	
370	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	**S8F2P**	$6.07	$486.89	
371	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	**S8F21**	$115.30	$1,809.40	
372	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	**S8F25**	$5.69	$116.67	
373	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	**S8F49**	$3.76	$495.49	
374	**RSM Option**					
375	Additional Dedicated HVAC Charge	per request	**NRFCL**		$3,100.00	
376	Dedicated power Plant Floor Space	per request	**S8GCQ**	$394.00		
377						
378	**AT&T-PROVISIONED FACILITIES & EQUIPMENT: CAGED COMMON**					
379	**REAL ESTATE**					
380	Site Conditioning	Per Bay	**S8GCL**		$92.81	
381	Safety & Security	Per Frame	**S8GCN**		$195.57	
382	Floor Space Usage	Per Linear Foot	**S8GCO**	$24.87		
383	**COMMON SYSTEMS**					
384	Common Systems - Common	Per Linear Foot	**S8GCP**	$3.62	$294.37	
385	**PLANNING**					
386	Planning - Central Office	Per Linear Foot	**S8GCC**	$0.44	$29.24	
387	Planning	Per Request	**NRFCJ**		$4,601.93	
388	Planning - Subsequent Inter. Cabling	Per Request	**NRFCE**		$2,267.04	
389	Planning - Subsequent Power Cabling	Per Request	**NRFCF**		$2,306.10	
390	Planning - Subs. Inter./Power Cabling	Per Request	**NRFCG**		$2,884.60	
391	Planning - Non-Standard	Per Request	**NRFCH**		$1,436.00	
392	**POWER PROVISIONING**					
393	**Power Panel:**					
394	50 Amp	Per Power Panel	**S8GC8**	$15.77	$3,079.47	
395	200 Amp	Per Power Panel	**S8GC9**	$18.75	$3,659.46	
396	**Power Cable and Infrastructure:**					
397	2-20 Amp Feeds	Per 2-20 Amp Power Feeds	**S8GC1**	$7.74	$1,570.84	
398	2-50 Amp Feeds	Per 2-50 Amp Power Feeds	**S8GC2**	$9.57	$1,954.85	
399	2-100 Amp Feeds	Per 2-100 Amp Power Feeds	**S8GC3**	$11.39	$2,344.44	
400	**Equipment Grounding:**					
401	Ground Cable Placement	Per Linear Foot	**S8GDC**	$0.13	$5.93	
402	**DC POWER AMPERAGE CHARGE**					
403	HVAC	Per 10 Amps	**S8GCS**	$14.62		
404	Per Amp	Per Amp	**S8GCR**	$10.61		
405	**FIBER CABLE PLACEMENT**					
406	**Central Office:**					
407	Fiber Cable	Per Fiber Cable Sheath	**S8GDE**	$4.85	$1,619.88	
408	Entrance Conduit	Per Fiber Cable Sheath	**S8GDD**	$8.76		
409	**MISCELLANEOUS & OPTIONAL COST:**					
410	**MISCELLANEOUS COSTS**					
411	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8GEK**	$0.08	$14.81	
412	Bits Timing	Per two circuits	**S8GEJ**	$3.58	$698.82	
413	Space Availability Report	Per Premise	**NRFCQ**		$168.04	
414	Security Access / ID Cards	Per Five Cards	**NRFCM**		$123.35	
415	Security Access / ID Cards/Expedite	Per Five Cards	**NRFCN**		$203.35	
416	**CAGE COMMON COSTS**					
417	Cage Preparation	Per Linear Foot	**S8GCJ**	$1.00	$157.00	
418	**INTERCONNECTION COSTS:**					
419	**ILEC TO CLEC CONNECTION**					
420	Voice Grade Arrangement	100 Copper Pairs	**S8GD8**	$4.92	$1,027.16	
421	Voice Grade Arrangement	100 Shielded Pairs	**S8GD9**	$4.92	$1,027.16	
422	DS1 Arrangement - DCS	28 DS1	**S8GDM**	$297.44	$3,613.06	
423	DS1 Arrangement - DSX	28 DS1	**S8GDR**	$9.79	$1,346.48	
424	DS3 Arrangement - DCS	1 DS3	**S8GDX**	$115.58	$2,181.58	
425	DS3 Arrangement - DSX	1 DS3	**S8GD2**	$7.14	$603.89	
426	Fiber Arrangement	12 Fiber Pairs (24 Fiber Strands)	**S8GEF**	$6.55	$1,779.78	

	A	B	C	D	E	F
1	**Product Type**	**Rate Element Description**	**USOC**	**Current Monthly Recurring Rate**	**Current Non-Recurring Rate (Initial)**	**Current Non-Recurring Rate (Additional)**
427	**RSM Option**					
428	Additional Dedicated HVAC Charge	Per Request	**NRFCL**		$3,100.00	
429	Dedicated power Plant FLoor Space	Per Request	**S8GCQ**	$394.00		
430						
431	**CLEC-PROVISIONED FACILITIES & EQUIPMENT: VIRTUAL**					
432	**REAL ESTATE**					
433	Site Conditioning	Per Frame	**S8FX5**		$92.81	
434	Safety & Security	Per Frame	**S8FX6**		$195.57	
435	Floor Space Usage	Per Frame	**S8F62**	$28.91		
436	**COMMON SYSTEMS**					
437	Common Systems - Standard	Per Frame	**S8F64**	$10.75		
438	Common Systems - Non-Standard	Per Cabinet	**S8F65**	$19.36		
439	**PLANNING**					
440	Planning	Per Request	**NRM99**		$5,555.76	
441	Planning - Subsequent Inter. Cabling	Per Request	**NRMA3**		$2,224.49	
442	Planning - Subsequent Power Cabling	Per Request	**NRMAA**		$2,303.84	
443	Planning - Subs. Inter./Power Cabling	Per Request	**NRMAX**		$2,882.61	
444	**POWER PROVISIONING**					
445	**Power Cable and Infrastructure:**					
446	Power Cable Rack	Per Four Power Cables or Quad	**NONE**			
447	2-20 Amp Feeds	Per 2-20 Amp Power Feeds (CLEC Provided)	**S8GFO**	$0.52		
448	2-50 Amp Feeds	Per 2-50 Amp Power Feeds (CLEC Provided)	**S8GFP**	$0.52		
449	**Equipment Grounding:**					
450	Ground Cable Placement	Per Frame	**S8F69**	$0.36		
451	**DC POWER AMPERAGE CHARGE**					
452	HVAC	Per 10 Amps	**S8FXO**	$14.62		
453	Per Amp	Per Amp	**S8FXN**	$10.61		
454	CEV, HUT & Cabinets	Per 2 inch mounting space	**S8FXP**	$1.27		
455	**FIBER CABLE PLACEMENT**					
456	**Central Office:**					
457	Fiber Cable	Per Fiber Cable Sheath	**S8F8F**	$11.01	$1,971.42	
458	Entrance Conduit	Per Fiber Cable Sheath	**S8F8G**	$8.17		
459	**CEV, HUT & Cabinets:**					
460	Fiber Cable Placement	Per Fiber Cable Sheath	**S8FXQ**		$53.58	
461	Entrance Conduit	Per Fiber Cable Sheath	**S8FXR**	$2.61		
462	**MISCELLANEOUS & OPTIONAL COST:**					
463	**MISCELLANEOUS COSTS**					
464	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8FXT**	$0.08	$14.81	
465	Bits Timing	Per two circuits	**S8FXS**	$3.58	$698.82	
466	**VIRTUAL FRAME OPTIONS**					
467	Standard Equipment Bay	Each (CLEC Provided)	**NONE**			
468	**CEV, HUT, CABINET**					
469	24 Foot CEV	2 Inch Mounting Space	**S8FXZ**	$1.64		
470	16 Foot CEV	2 Inch Mounting Space	**S8FY6**	$1.77		
471	Maxi-Hut	2 Inch Mounting Space	**S8FXX**	$0.77		
472	Mini-Hut	2 Inch Mounting Space	**S8FXY**	$1.33		
473	Large Cabinet	2 Inch Mounting Space	**S8FXU**	$1.63		
474	Medium Cabinet	2 Inch Mounting Space	**S8FXV**	$2.19		
475	Small Cabinet	2 Inch Mounting Space	**S8FXW**	$3.29		
476	**INTERCONNECTION COSTS:**					
477	**ILEC TO CLEC CONNECTION**					
478	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	**S8F82**	$3.86	$225.02	
479	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	**S8F83**	$3.86	$225.02	
480	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	**S8F8X**	$295.42	$3,496.22	
481	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	**S8F8Y**	$6.07	$651.13	
482	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	**S8F8Z**	$115.30	$2,186.12	
483	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	**S8F81**	$5.69	$204.42	
484	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	**S8F84**	$10.47	$152.71	
485	**VIRTUAL TO VIRTUAL CONNECTION**					
486	Cable Racking and Hole for Optical	Per Cable	**S8FY7**	$0.90		
487	Cable Racking and Hole for DS1	Per Cable	**S8FY8**	$0.49		
488	Cable Racking and Hole for DS3	Per Cable	**S8FY9**	$0.35		
489	Route Design		**NRLWF**		$463.36	
490	Connection for DS1	Per 28 Circuits (CLEC provides cable)	**S8GFQ**	$0.41	$0.00	
491	Connection for DS3	Per Circuit (CLEC provides cable)	**S8GFR**	$0.27	$0.00	
492	Connection for Optical	Per Cable (CLEC provides cable)	**S8GFS**	$0.81	$0.00	
493	**PROJECT MANAGEMENT**					
494	**CEV, HUT & CABINET**					
495	Project Coordination	Per CLEC Application Augment	**NRFCK**		$631.17	

	A	B	C	D	E	F
1	**Product Type**	**Rate Element Description**	**USOC**	**Current Monthly Recurring Rate**	**Current Non-Recurring Rate (Initial)**	**Current Non-Recurring Rate (Additional)**
496	**EQUIPMENT MAINTENANCE AND SECURITY ESCORT**					
497	**CENTRAL OFFICE TYPE**					
498	Staffed CO During Normal Business Hours	Per 1/4 Hour	**NRMHK**		$15.15	
499	Staffed CO During Outside Normal Business Hours	4 Hour Minium - Initial	**NRMHN**		$242.35	
500	Staffed CO During Outside Normal Business Hours	Per 1/4 Hour - Additional	**NRMJ7**		$15.15	
501	Not Staffed CO/RT During Normal Business Hours	Per 1/4 Hour	**NRMJ8**		$15.15	
502	Not Staffed CO/RT During Outside Normal Business Hours	4 Hour Minium - Initial	**NRMJ9**		$242.35	
503	Not Staffed CO/RT During Outside Normal Business Hours	Per 1/4 Hour - Additional	**NRML7**		$15.15	
504	**CEV, HUT & CABINET**					
505	Per Visit	4 Hour Minium - Initial	**NRMJ9**		$242.35	
506	Per Visit	Per 1/4 Hour - Additional	**NRML7**		$15.15	
507	**ADDITIONAL LABOR ELEMENTS**					
508	**TRAINING**					
509	Communications Tech	Per 1/2 Hour	**NRMCD**		$39.21	
510	CO Manager	Per 1/2 Hour	**NRME9**		$39.45	
511	Power Engineer	Per 1/2 Hour	**NRMF9**		$38.47	
512	Equipment Engineer	Per 1/2 Hour	**NRMHJ**		$38.47	
513	**EQUIPMENT EVALUATION COST**					
514	Equipment Engineer	Per 1/2 Hour	**NRMO9**		$38.47	
515	**TEST AND ACCEPTANCE**					
516	Communications Tech	Per 1/2 Hour	**NRMP2**		$39.21	
517						
518	**AT&T-PROVISIONED FACILITIES & EQUIPMENT: VIRTUAL**					
519	**REAL ESTATE**					
520	Site Conditioning	Per Frame	**S8FX5**		$92.81	
521	Safety & Security	Per Frame	**S8FX6**		$195.57	
522	Floor Space Usage	Per Frame	**S8FX1**	$28.91		
523	**COMMON SYSTEMS**					
524	Common Systems - Standard	Per Frame	**S8FX3**	$10.75		
525	Common Systems - Non-Standard	Per Frame	**S8FX4**	$19.36		
526	**PLANNING**					
527	Planning	Per Request	**NRM99**		$5,555.76	
528	Planning - Subsequent Inter. Cabling	Per Request	**NRMA3**		$2,224.49	
529	Planning - Subsequent Power Cabling	Per Request	**NRMAA**		$2,303.84	
530	Planning - Subs. Inter./Power Cabling	Per Request	**NRMAX**		$2,882.61	
531	**POWER PROVISIONING**					
532	**Power Cable and Infrastructure:**					
533	2-20 Amp Feeds	Per 2-20 Amp Power Feeds	**S8FX7**	$7.74	$1,570.84	
534	2-50 Amp Feeds	Per 2-50 Amp Power Feeds	**S8FX8**	$9.57	$1,954.85	
535	**Equipment Grounding:**					
536	Ground Cable Placement	Per Frame	**S8FX9**	$0.36		
537	**DC POWER AMPERAGE CHARGE**					
538	HVAC	Per 10 Amps	**S8FXO**	$14.62		
539	Per Amp	Per Amp	**S8FXN**	$10.61		
540	CEV, HUT & Cabinets	Per 2 inch mounting space	**S8FXP**	$1.27		
541	**FIBER CABLE PLACEMENT**					
542	**Central Office:**					
543	Fiber Cable	Per Fiber Cable Sheath	**S8F8F**	$11.01	$1,971.42	
544	Entrance Conduit	Per Fiber Cable Sheath	**S8F8G**	$8.17		
545	**CEV, HUT & Cabinets:**					
546	Fiber Cable Placement	Per Fiber Cable Sheath	**S8FXQ**		$53.58	
547	Entrance Conduit	Per Fiber Cable Sheath	**S8FXR**	$2.61		
548	**MISCELLANEOUS & OPTIONAL COST:**					
549	**MISCELLANEOUS COSTS**					
550	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8FXT**	$0.08	$14.81	
551	Bits Timing	Per two circuits	**S8FXS**	$3.58	$698.82	
552	**VIRTUAL FRAME OPTIONS**					
553	Standard Equipment Bay	Each	**S8FX2**	$22.19		
554	**CEV, HUT, CABINET**					
555	24 Foot CEV	2 Inch Mounting Space	**S8FXZ**	$1.64		
556	16 Foot CEV	2 Inch Mounting Space	**S8FY6**	$1.77		
557	Maxi-Hut	2 Inch Mounting Space	**S8FXX**	$0.77		
558	Mini-Hut	2 Inch Mounting Space	**S8FXY**	$1.33		
559	Large Cabinet	2 Inch Mounting Space	**S8FXU**	$1.63		
560	Medium Cabinet	2 Inch Mounting Space	**S8FXV**	$2.19		
561	Small Cabinet	2 Inch Mounting Space	**S8FXW**	$3.29		

	A	B	C	D	E	F
1	**Product Type**	**Rate Element Description**	**USOC**	**Current Monthly Recurring Rate**	**Current Non-Recurring Rate (Initial)**	**Current Non-Recurring Rate (Additional)**
562	**INTERCONNECTION COSTS:**					
563	**ILEC TO CLEC CONNECTION**					
564	Voice Grade Arrangement	100 Copper Pairs	**S8FXC**	$4.94	$1,481.37	
565	Voice Grade Arrangement	100 Shielded Pairs	**S8FXD**	$4.94	$1,481.37	
566	DS1 Arrangement - DCS	28 DS1	**S8FXE**	$297.44	$4,067.27	
567	DS1 Arrangement - DSX	28 DS1	**S8FXF**	$9.79	$1,800.69	
568	DS3 Arrangement - DCS	1 DS3	**S8FXG**	$115.59	$2,635.79	
569	DS3 Arrangement - DSX	1 DS3	**S8FXH**	$7.14	$1,058.10	
570	Fiber Arrangement	12 Fiber Pairs (24 Fiber Strands)	**S8FXJ**	$6.55	$1,996.19	
571	**VIRTUAL TO VIRTUAL CONNECTION**					
572	Cable Racking and Hole for Optical	Per Cable	**S8FY7**	$0.90		
573	Cable Racking and Hole for DS1	Per Cable	**S8FY8**	$0.49		
574	Cable Racking and Hole for DS3	Per Cable	**S8FY9**	$0.35		
575	Route Design		**NRML9**		$463.36	
576	Connection for DS1	Per 28 Circuits	**S8FXL**	$3.34	$930.53	
577	Connection for DS3	Per Circuit	**S8FXM**	$3.26	$706.77	
578	Connection for Optical	Per Cable	**S8FXK**	$3.32	$1,095.09	
579	**PROJECT MANAGEMENT**					
580	**CEV, HUT & CABINET**					
581	Project Coordination	Per CLEC Application Augment	**NRFCK**		$631.17	
582	**EQUIPMENT MAINTENANCE AND SECURITY ESCORT**					
583	**CENTRAL OFFICE TYPE**					
584	Staffed CO During Normal Business Hours	Per 1/4 Hour	**NRMHK**		$15.15	
585	Staffed CO During Outside Normal Business Hours	4 Hour Minium - Initial	**NRMHN**		$242.35	
586	Staffed CO During Outside Normal Business Hours	Per 1/4 Hour - Additional	**NRMJ7**		$15.15	
587	Not Staffed CO/RT During Normal Business Hours	Per 1/4 Hour	**NRMJ8**		$15.15	
588	Not Staffed CO/RT During Outside Normal Business Hours	4 Hour Minium - Initial	**NRMJ9**		$242.35	
589	Not Staffed CO/RT During Outside Normal Business Hours	Per 1/4 Hour - Additional	**NRML7**		$15.15	
590	**CEV, HUT & CABINET**					
591	Per Visit	4 Hour Minium - Initial	**NRMJ9**		$242.35	
592	Per Visit	Per 1/4 Hour - Additional	**NRML7**		$15.15	
593	**ADDITIONAL LABOR ELEMENTS**					
594	**TRAINING**					
595	Communications Tech	Per 1/2 Hour	**NRMCD**		$39.21	
596	CO Manager	Per 1/2 Hour	**NRME9**		$39.45	
597	Power Engineer	Per 1/2 Hour	**NRMF9**		$38.47	
598	Equipment Engineer	Per 1/2 Hour	**NRMHJ**		$38.47	
599	**EQUIPMENT EVALUATION COST**					
600	Equipment Engineer	Per 1/2 Hour	**NRMO9**		$38.47	
601	**TEST AND ACCEPTANCE**					
602	Communications Tech	Per 1/2 Hour	**NRMP2**		$39.21	
603						
604	**CLEC-PROVISIONED FACILITIES & EQUIPMENT: ADJACENT ON-SITE**					
605	**PLANNING**					
606	Planning - Initial	Per Request	**NRFA1**		$9,268.73	
607	Planning - Subsequent	Per Request	**NRFA2**		$1,606.77	
608	**REAL ESTATE**					
609	Land Rental	Per Square Foot	**S8GEN**	$0.44		
610	**POWER PROVISIONING**					
611	**Power Cable and Infrastructure:**					
612	2-100 Amp Feeds	Per 2-100 Amp Power Feeds (CLEC provides cable)	**NONE**			
613	2-200 Amp Feeds	Per 2-200 Amp Power Feeds (CLEC provides cable)	**NONE**			
614	2-300 Amp Feeds	Per 2-300 Amp Power Feeds (CLEC provides cable)	**NONE**			
615	2-400 Amp Feeds	Per 2-400 Amp Power Feeds (CLEC provides cable)	**NONE**			
616	**AC Service:**					
617	Extension of 100 Amp AC Service (Opt.)	Per Request	**NRFCW**		$6,447.00	
618	AC Usage	Per KWH	**S8GEO**	$0.05		

	A	B	C	D	E	F
1	**Product Type**	**Rate Element Description**	**USOC**	**Current Monthly Recurring Rate**	**Current Non-Recurring Rate (Initial)**	**Current Non-Recurring Rate (Additional)**
619	**DC POWER AMPERAGE CHARGE**					
620	Per Amp	Per Amp	**S8GCR**	$10.61		
621	**FIBER CABLE PLACEMENT**					
622	Fiber Installation	Per Fiber Cable Sheath (CLEC Vendor Pulls Cable)	**S8GF4**	$2.13	$488.48	
623	Entrance Fiber Racking	Per Rack/Conduit Duct	**S8GDG**	$1.55		
624	**CABLE RACK**					
625	DC Power Cable Rack	Per Rack	**S8GEP**	$13.64	$2,667.22	
626	Fiber Cable Rack	Per Rack	**S8GEQ**	$20.63		
627	Interconnection Arrangement (Copper) Racking	Per Rack	**S8GER**	$30.63		
628	**CONDUIT PLACEMENT**					
629	DC Power Cable Rack	Per Rack	**S8GES**		$7,386.71	
630	Fiber Cable Rack	Per Rack	**S8GET**		$4,711.89	
631	Interconnection Arrangement (Copper) Racking	Per Rack	**S8GEU**		$5,545.50	
632	**INTERCONNECTION COSTS:**					
633	**ILEC TO CLEC CONNECTION**					
634	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	**S8F3G**	$3.86	$156.02	
635	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	**S8FWW**	$3.86	$156.02	
636	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	**S8F2L**	$295.42	$3,105.79	
637	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	**S8F2R**	$6.07	$486.89	
638	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	**S8F23**	$115.30	$1,809.40	
639	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	**S8F27**	$5.69	$116.67	
640	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	**S8F3N**	$3.76	$495.49	
641						
642	**AT&T-PROVISIONED FACILITIES & EQUIPMENT: ADJACENT ON-SITE**					
643	**PLANNING**					
644	Planning - Initial	Per Request	**NRFA1**		$9,268.73	
645	Planning - Subsequent	Per Request	**NRFA2**		$1,606.77	
646	**REAL ESTATE**					
647	Land Rental	Per Square Foot	**S8GEN**	$0.44		
648	**POWER PROVISIONING**					
649	**Power Cable and Infrastructure:**					
650	2-100 Amp Feeds	Per 2-100 Amp Power Feeds	**S8GC4**	$13.84	$7,853.86	
651	2-200 Amp Feeds	Per 2-200 Amp Power Feeds	**S8GC5**	$13.84	$14,584.00	
652	2-300 Amp Feeds	Per 2-300 Amp Power Feeds	**S8GC6**	$13.84	$20,338.00	
653	2-400 Amp Feeds	Per 2-400 Amp Power Feeds	**S8GC7**	$13.84	$28,143.00	
654	**AC Service:**					
655	Extension of 100 Amp AC Service (Opt.)	Per Request	**NRFCW**		$6,447.00	
656	AC Usage	Per KWH	**S8GEO**	$0.05		
657	**DC POWER AMPERAGE CHARGE**					
658	Per Amp	Per Amp	**S8GCR**	$10.61		
659	**FIBER CABLE PLACEMENT**					
660	Fiber Installation	Per Fiber Cable Sheath	**S8GDF**	$2.13	$976.96	
661	Entrance Fiber Racking	Per Rack/Conduit Duct	**S8GDG**	$1.55		
662	**CABLE RACK**					
663	DC Power Cable Rack	Per Rack	**S8GEP**	$13.64	$2,667.22	
664	Fiber Cable Rack	Per Rack	**S8GEQ**	$20.63		
665	Interconnection Arrangement (Copper) Racking	Per Rack	**S8GER**	$30.63		
666	**CONDUIT PLACEMENT**					
667	DC Power Cable Rack	Per 2-Duct	**S8GES**		$7,386.71	
668	Fiber Cable Rack	Per 1-Duct	**S8GET**		$4,711.89	
669	Interconnection Arrangement (Copper) Racking	Per 2-Duct	**S8GEU**		$5,545.50	
670	**INTERCONNECTION COSTS:**					
671	**ILEC TO CLEC CONNECTION**					
672	Voice Grade Arrangement	100 Copper Pairs	**S8GEA**	$6.19	$1,371.93	
673	Voice Grade Arrangement	100 Shielded Pairs	**S8GEB**	$6.19	$1,371.93	
674	DS1 Arrangement - DCS	28 DS1	**S8GDN**	$439.98	$2,341.45	
675	DS1 Arrangement - DSX	28 DS1	**S8GDS**	$35.04	$2,341.45	
676	DS3 Arrangement - DCS	1 DS3	**S8GDY**	$242.36	$598.33	
677	DS3 Arrangement - DSX	1 DS3	**S8GD3**	$12.36	$598.33	
678	Fiber Arrangement	12 Fiber Pairs(24 Fiber Strands)	**S8GEG**	$8.25	$3,751.22	
679						

	A	B	C	D	E	F
1	**Product Type**	**Rate Element Description**	**USOC**	**Current Monthly Recurring Rate**	**Current Non-Recurring Rate (Initial)**	**Current Non-Recurring Rate (Additional)**
680	**CLEC-PROVISIONED FACILITIES & EQUIPMENT:** **ADJACENT OFF-SITE**					
681	**PLANNING**					
682	Planning	Per Request	**NRFA3**		$1,254.32	
683	**CONDUIT**					
684	Conduit Space	Per Innerduct	**S8GEW**	$1.17		
685	**INTERCONNECTION COSTS:**					
686	**ILEC TO CLEC CONNECTION**					
687	Voice Grade/DS0 Arrangement	900 DS0 (Hole, Racking, MDF) (CLEC Vendor Pulls and Installs Cable)	**S8GF5**	$311.43		
688	DS1 Arrangement - DCS	28 DS1 (Hole, Racking, DCS) (CLEC Vendor Pulls and Installs Cable)	**S8GF6**	$439.96		
689	DS1 Arrangement - DSX	28 DS1 (Hole, Racking, DSX) (CLEC Vendor Pulls and Installs Cable)	**S8GF7**	$35.03		
690	DS1 Arrangement - MDF	450 DS1 (Hole, Racking, MDF) (CLEC Vendor Pulls and Installs Cable)	**S8GF8**	$311.43		
691	Fiber Arrangement	12 Fiber Pairs (Hole, Racking, FDF) (CLEC Vendor Pulls and Installs Cable)	**S8GF9**	$9.02		
692						
693	**AT&T-PROVISIONED FACILITIES & EQUIPMENT:** **ADJACENT OFF-SITE**					
694	**PLANNING**					
695	Planning	Per Request	**NRFA3**		$1,254.32	
696	**CONDUIT**					
697	Conduit Space	Per Innerduct	**S8GEW**	$1.17		
698	**INTERCONNECTION COSTS:**					
699	**ILEC TO CLEC CONNECTION**					
700	Voice Grade/DS0 Arrangement	900 DS0	**S8GEC**	$311.43	$485.31	
701	DS1 Arrangement - DCS	28 DS1	**S8GDO**	$439.96	$1,830.99	
702	DS1 Arrangement - DSX	28 DS1	**S8GDT**	$35.03	$1,830.99	
703	DS1 Arrangement - MDF	450 DS1	**S8GDU**	$311.43	$485.31	
704	Fiber Arrangement	12 Fiber Pairs (24 Fiber Strands)	**S8GEH**	$9.02	$3,370.20	

APPENDIX DIRECT

TABLE OF CONTENTS

1. INTRODUCTION 3
2. DEFINITIONS 4
3. SERVICE 5
4. RESPONSIBILITIES OF AT&T-12STATE 5
5. RESPONSIBILITIES OF CLEC 6
6. RESPONSIBILITIES OF BOTH PARTIES 6
7. LIABILITY 6
8. BILLING 6
9. USE OF SUBSCRIBER LISTING INFORMATION 6
10. ASSIGNMENT 6
11. TERM OF CONTRACT AND RATE STRUCTURE 6

APPENDIX DIRECT
(DIRECT ACCESS AGREEMENT FOR LOCAL DIRECTORY ASSISTANCE LISTINGS)

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions for electronic access to the Directory Assistant data-base provided by the applicable AT&T Inc. (AT&T) owned Incumbent Local Exchange Carrier (ILEC) and CLEC.

1.1.1 Southern New England Telephone (AT&T CONNECTICUT) will provide electronic access to its Directory Assistance (DA) database through the FCC 39 Access Tariff.

1.2 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, L.P. 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.

1.3 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.

1.4 AT&T-4STATE - As used herein, AT&T-4STATE means Southwestern Bell Telephone, L.P. 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.

1.5 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.

1.6 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.

1.7 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.

1.8 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.

1.9 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.

1.10 AT&T ARKANSAS - As used herein, AT&T ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Arkansas, the applicable AT&T-owned ILEC doing business in Arkansas.

1.11 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.

1.12 AT&T CONNECTICUT - As used herein, AT&T CONNECTICUT means The Southern New England Telephone Company d/b/a AT&T Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.13 AT&T KANSAS - As used herein, AT&T KANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Kansas, the applicable AT&T-owned ILEC doing business in Kansas.

1.14 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.

1.15 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.

1.16 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 doing business in Michigan.

1.17 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.

1.18 AT&T MISSOURI - As used herein, AT&T MISSOURI means Southwestern Bell Telephone, L.P. d/b/a AT&T Missouri, the applicable AT&T-owned ILEC doing business in Missouri.

1.19 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.

1.20 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.

1.21 AT&T OKLAHOMA - As used herein, AT&T OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a AT&T Oklahoma, the applicable AT&T-owned ILEC doing business in Oklahoma.

1.22 AT&T SOUTHWEST REGION 5-STATE - As used herein, AT&T SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone, L.P. 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.

1.23 AT&T TEXAS – As used herein, AT&T TEXAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Texas, the applicable AT&T-owned ILEC doing business in Texas.

1.24 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.

1.25 The Prices at which AT&T-13STATE agrees to provide electronic access to its Directory Assistance (DA) database are contained in the applicable Appendix Pricing and/or the applicable Commissioned ordered tariff where stated.

2. DEFINITIONS

2.1 "Automated Message Accounting" (AMA) – Billing detail recordings in the switch.

2.2 "Call Processing Data Link" (CPDL) - CPDL is a proprietary, licensable interface that utilizes a standard format message protocol for transport of messages between Directory One Call Control and a switching entity.

2.3 "Data Terminating Equipment" (DTE) - A terminal attached to a data network as an End User node.

2.4 "Nortel Digital Multiplexing Switch" (DMS 200) - DMS performs base call processing functions and supports service capabilities.

2.5 "IBM RISC 6000 Processor" – The IBM platform that enables database search capabilities.

2.6 "Nortel Directory One" (D1) - D1 offers directory search applications built on a standard operating software environment.

2.7 "Nortel Directory One Call Control" - Allows bi-directional call control capability between the TOPS switch and the D1 network.

2.8 "Electronic White Pages" (EWP) - EWP allows telephone companies to offer fully customized electronic directory assistance services for all types of users.

2.9 "Nortel Interactive Voice System" (IVS) - Peripheral off the switch that provides interactive audio.

2.10 "Nortel Multi Purpose Position" (MP, MPX or MPX-IWS) - Operator Workstations.

2.11 "Non-Published Number" (NP) - A telephone number that at the request of the telephone subscriber, is neither published in a telephone directory nor provided by an Operator.

2.12 "Operator Service Center" (OSC) - Physical location of the Operators/workstations.

2.13 "Published Number" - A telephone number that is published in a telephone directory and is available upon request by calling an AT&T-12STATE DA Operator.

2.14 "Nortel Queue Management System" (QMS) - Supports up to 255 unique queues on calls to operator positions.

2.15 "Nortel Traffic Operating Position System" (TOPS) - Performs base call processing functions and support service capabilities.

2.16 "Nortel/IBM Protocol" – Allows communication between Nortel Switch and IBM database.

2.17 "IBM Platform" – Offers directory search applications built on a standard operating software environment.

3. SERVICE

3.1 Direct Access allows CLECs access to AT&T-12STATE's Directory Assistance (DA) database (which includes residence, business, and government listings) for the sole purpose of providing DA to CLEC's End User. This service shall allow the CLEC to obtain listed name, address, zip code and telephone numbers, except that access to non-published telephone numbers or other information that the customer has asked to make unavailable is not allowed, with the exception of customer name and address AT&T-12STATE will provide CLECs nondiscriminatory access to the same directory listing information available to its own directory assistance operators.

3.2 Where technically feasible and/or available, CLEC may receive Direct Access from AT&T-12STATE's host switches via a CLEC Nortel DMS200 TOPS Host Switch, a LUCENT 5ESS OSPS switch or any other Operator assistance switch type with Call Processing Data Link (CDPL). CDPL is a proprietary, licensable interface that utilizes a standard format message protocol for transport of messages between Nortel Directory One Call Control and a switching entity. CPDL provides the protocol by which the CLEC switch may provide auto and offer DACC.

4. RESPONSIBILITIES OF AT&T-12STATE

4.1 AT&T-12STATE shall provide and maintain its own Directory Assistance platform equipment to furnish DA services to CLEC for all AT&T-12STATE listings.

4.2 AT&T-12STATE shall provide DA listings to CLEC from its current DA records and in accordance with AT&T-12STATE's methods, practices, and procedures.

4.3 AT&T-12STATE shall provide CLEC access to the same listing information that is available to its own operators.

4.4 AT&T-12STATE shall maintain the same level of system performance for CLEC as it provides to itself.

5. RESPONSIBILITIES OF CLEC

5.1 CLEC shall submit requests for Direct Access in writing to AT&T-12STATE. Requests for Direct Access will be pursuant to the Individual Case Basis (ICB) Process as outlined in the attached procedures.

5.2 When CLEC utilizes a switch other than those specified in TR-BX.25, the CLEC must obtain CPDL/D1 certification of their switch from NORTEL. The CLEC shall bear all costs of obtaining any vendor certification including payment of any applicable vendor license fees. AT&T-7STATE shall supply Nortel D1 hardware and software; i.e., two (2) ADAX cards per 9,000 Busy Hour calls. AT&T-7STATE shall bear the cost of this hardware and software, but the CLEC will be responsible for Engineering, Furnish and Installation charges.

5.2.1 AT&T MIDWEST REGION 5-STATE – The IBM RISC 6000 does not support the CDPL technology.

6. RESPONSIBILITIES OF BOTH PARTIES

6.1 The CLEC providing the circuit between CLEC's office and AT&T-12STATE's office shall make such circuits available for use in connection with the DA services covered herein. When the total traffic exceeds the capability of the existing circuits, additional circuits will be provided by the CLEC.

6.2 Where applicable, if additional ADAX cards and ASN Routers (with sync and token ring cards) are necessary, they will be provided by AT&T-12STATE, and CLEC will reimburse AT&T-12STATE for the cost, plus Engineering, Furnish and Installation.

7. LIABILITY

7.1 The limitation of liability and indemnification provisions of the Agreement shall govern performance under this Appendix CLEC also agrees to release, defend, indemnify, and hold harmless AT&T-12STATE from any claim, demand or suit that asserts any infringement or invasion of privacy or confidentiality of any person or persons caused or claimed to be caused, directly, or indirectly, by AT&T-12STATE employees and equipment associated with provision of the DA Services. This provision includes but is not limited to suits arising from disclosure of the telephone number, address, or name associated with the telephone called or the telephone used to call the DA Services.

8. BILLING

8.1 AT&T-12STATE - For information regarding billing, non-payment, disconnection, and dispute resolution, see the General Terms and Conditions of this Agreement.

9. USE OF SUBSCRIBER LISTING INFORMATION

9.1 CLEC is authorized to use the subscriber listing information accessed and provided pursuant to this Appendix for the sole purpose of providing local DA for its own End User customers.

10. ASSIGNMENT

10.1 The subscriber listing information accessed shall remain the property of AT&T-12STATE. CLEC shall not download, store, print or otherwise extract the DA listing information made available through Direct Access nor shall the CLEC authorize any other company or any person to use any subscriber listing information for any purpose. Each party shall take appropriate measures to guard against any unauthorized use of the listings provided to it hereunder, whether by the other party, its agents or employees.

11. TERM OF CONTRACT AND RATE STRUCTURE

11.1 Upon CLEC's request, and pursuant to the terms and conditions herein, AT&T-12STATE will set rates and other appropriate criteria for provision of Direct Access to CLEC pursuant to the ICB process.

11.2 The following types of rates shall apply to Direct Access.

11.2.1 Service Establishment

11.2.1.1 CLEC shall pay a Direct Access Service Establishment Charge (a non-recurring charge) applied at the time a CLEC orders Direct Access.

11.2.2 Direct Access Database Service

11.2.2.1 CLEC shall pay a monthly recurring charge for Direct Access Database Service which provides for database security and administration and ongoing support.

11.2.3 Direct Access Per Search

11.2.3.1 Where applicable, CLEC shall pay a Direct Access Per Search charge for each CLEC subscriber listing search queried from AT&T-12STATE's listing.

APPENDIX DA

TABLE OF CONTENTS

1. INTRODUCTION....3
2. SERVICES....4
3. DEFINITIONS....5
4. CALL BRANDING....5
5. DIRECTORY ASSISTANCE (DA) REFERENCE/RATER INFORMATION....6
6. RESPONSIBILITIES OF THE PARTIES....7
7. METHODS AND PRACTICES....7
8. PRICING....7
9. MONTHLY BILLING....8
10. LIABILITY....8
11. TERMS OF APPENDIX....8

APPENDIX DA
(DIRECTORY ASSISTANCE SERVICE)

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions for Directory Assistance (DA) Services for switched-based CLEC's or CLEC's leasing 251(c)(3) unbundled switched-ports as provided by the applicable AT&T Inc. (AT&T) owned Incumbent Local Exchange Carrier (ILEC) and CLEC. Notwithstanding anything to the contrary contained herein, this Appendix shall not apply to or bind CLEC and shall have no force and effect unless CLEC voluntarily indicates in a writing, executed by a duly authorized CLEC officer, to AT&T-13 State that it wishes for AT&T-13 State to provide DA Service to CLEC.

1.2 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, L.P. 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.

1.3 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.

1.4 AT&T-4STATE - As used herein, AT&T-4STATE means Southwestern Bell Telephone, L.P. 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.

1.5 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.

1.6 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.

1.7 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.

1.8 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.

1.9 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.

1.10 AT&T ARKANSAS - As used herein, AT&T ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Arkansas, the applicable AT&T-owned ILEC doing business in Arkansas.

1.11 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.

1.12 AT&T CONNECTICUT - As used herein, AT&T CONNECTICUT means The Southern New England Telephone Company d/b/a AT&T Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.13 AT&T KANSAS - As used herein, AT&T KANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Kansas, the applicable AT&T-owned ILEC doing business in Kansas.

1.14 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.

1.15 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.

1.16 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 doing business in Michigan.

1.17 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.

1.18 AT&T MISSOURI - As used herein, AT&T MISSOURI means Southwestern Bell Telephone, L.P. d/b/a AT&T Missouri, the applicable AT&T-owned ILEC doing business in Missouri.

1.19 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.

1.20 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.

1.21 AT&T OKLAHOMA - As used herein, AT&T OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a AT&T Oklahoma, the applicable AT&T-owned ILEC doing business in Oklahoma.

1.22 AT&T SOUTHWEST REGION 5-STATE - As used herein, AT&T SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone, L.P. 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.

1.23 AT&T TEXAS – As used herein, AT&T TEXAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Texas, the applicable AT&T-owned ILEC doing business in Texas.

1.24 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. SERVICES

2.1 Upon written request of CLEC and where technically feasible and/or available, AT&T-13STATE will provide the following DA Services:

2.1.1 DIRECTORY ASSISTANCE (DA)

2.1.1.1 Consists of providing subscriber listing information (address, and published telephone number or an indication of "non-published status") for the home NPA and/or local/intraLATA serving area where available to CLEC's End Users who dial 411, 1/0+411, 555-1212, 1/0+555-1212, or 1/0+NPA-555-1212 or other dialing arrangement.

2.1.2 DIRECTORY ASSISTANCE CALL COMPLETION (DACC) or Express Call Completion (ECC)

2.1.2.1 A service in which a local or an intraLATA call to the requested number is completed on behalf of CLEC's End User, utilizing an automated voice system or with operator assistance.

2.1.3 NATIONAL DIRECTORY ASSISTANCE (NDA)

2.1.3.1 AT&T-10STATE/AT&T CALIFORNIA - A service whereby end users may request directory assistance information outside their LATA or Home NPA for a listed telephone number for residential, business and government accounts throughout the 50 states.

2.1.3.2 AT&T NEVADA/AT&T CONNECTICUT – NDA is not technically feasible and/or available.

2.1.4 BUSINESS CATEGORY SEARCH (BCS)

2.1.4.1 AT&T SOUTHWEST REGION 5-STATE and AT&T OHIO–- A service which will provide CLEC End Users the ability to request business telephone number listings for a specified category of business, when the name of the business is not known. Telephone numbers may be requested for local and national businesses. A maximum of two requested telephone numbers will be provided for each BCS call. When this service is used in connection with Resale services the applicable wholesale discount will apply. When this service is used in connection with switched-based and facilities-based services, no discount will apply.

2.1.4.2 AT&T INDIANA; AT&T MICHIGAN; AT&T ILLINOIS; AT&T WISCONSIN – BCS is not available.

2.1.4.3 AT&T-2STATE/AT&T CONNECTICUT – BCS is not available.

2.1.5 REVERSE DIRECTORY ASSISTANCE (RDA)

2.1.5.1 AT&T-10 STATE/AT&T CALIFORNIA – An informational service. Consists of providing listed local and national name and address information associated with a telephone number that a CLEC End Users provides.

2.1.5.2 AT&T NEVADA/AT&T CONNECTICUT - RDA is not technically feasible and/or available.

3. DEFINITIONS

3.1 The following terms are defined as set forth below:

3.1.1 "Non-List Telephone Number or DA only Telephone Number" - A telephone number that, at the request of the telephone subscriber, is not published in a telephone directory, but is available from a DA operator.

3.1.2 "Non-Published Number" - A telephone number that, at the request of the telephone subscriber, is neither published in a telephone directory nor available from a DA operator.

3.1.3 "Published Number" - A telephone number that is published in a telephone directory and is available upon request by calling a DA operator.

4. CALL BRANDING

4.1 Call Branding is the procedure of identifying a provider's name audibly and distinctly to the End User at the beginning of each DA Services call.

4.1.1 Where technically feasible and/or available, AT&T-13STATE will brand DA in CLEC's name based upon the criteria outlined below:

4.1.1.1 Where AT&T-12STATE provides CLEC Operator Services (OS) and DA services via the same trunk, both the OS and DA calls will be branded with the same brand. Where AT&T-12STATE is only providing DA service on behalf of the CLEC, the calls will be branded.

4.1.1.1.1 AT&T CONNECTICUT – Where AT&T CONNECTICUT provides Operator Services (OS) and DA services on behalf of CLEC, the CLEC must provide separate trunk groups for OS and DA. Each trunk group will require separate branding announcements. Where AT&T CONNECTICUT is only providing DA service on behalf of the CLEC, the CLEC's calls will be branded.

4.1.1.2 CLEC name used in branding calls may be subject to Commission regulations and should closely match the name in which CLEC is doing business.

4.1.1.3 AT&T-13STATE - CLEC will provide written specifications of its company name to be used by AT&T-13STATE to create the CLEC's specific branding announcement for its DA calls in accordance with the process outlined in the Operator Services OS/DA Questionnaire (OSQ).

4.1.1.4 A CLEC purchasing AT&T-13STATE 251(c)(3) unbundled local switching is responsible for maintaining CLEC's End User customer records in AT&T-13STATE Line Information Database (LIDB) as described in Appendix LIDB. CLEC's failure to properly administer customer records in LIDB may result in branding errors.

4.1.1.5 Branding Load Charges:

4.1.1.5.1 AT&T SOUTHWWEST REGION 5-STATE - An initial non-recurring charge applies per state, per brand, per Operator assistance switch, for the establishment of CLEC specific branding. An additional non-recurring charge applies per state, per brand, per Operator assistance switch for each subsequent change to the branding announcement. In addition, a per call charge applies for every DA call handled by AT&T SOUTHWEST REGION 5-STATE on behalf of CLEC when such services are provided in conjunction with the purchase of AT&T SOUTHWEST REGION 5-STATE 251(c)(3) unbundled local switching.

4.1.1.5.2 AT&T-2STATE – An initial non-recurring charge applies per state, per brand, per Operator assistance switch, for the establishment of CLEC specific branding. An additional non-recurring charge applies per state, per brand, per Operator assistance switch for each subsequent change to the branding announcement.

4.1.1.5.3 AT&T CONNECTICUT – An initial non-recurring charge applies per brand, per load, per Operator assistance switch for the establishment of CLEC specific branding. An additional non-recurring charge applies per brand, per load, per Operator assistance switch for each subsequent change to the branding announcement.

4.1.1.5.4 AT&T MIDWEST REGION 5-STATE – An initial non-recurring charge applies per brand, per Operator Assistance Switch, per trunk group for the establishment of CLEC specific branding. In addition, a per call charge applies for every DA call handled by AT&T MIDWEST REGION 5-STATE on behalf of CLEC when such services are provided in conjunction with the purchase of AT&T MIDWEST REGION 5-STATE 251(c)(3) unbundled local switching. An additional non-recurring charge applies per brand, per Operator assistance switch, per trunk group for each subsequent change to the branding announcement.

4.1.1.5.5 Silent branding has the same requirements and rates as the audible brand as addressed in 4.1.1.5.

5. DIRECTORY ASSISTANCE (DA) REFERENCE/RATER INFORMATION

5.1 Reference/Rater Information are AT&T databases referenced by an AT&T Operator for CLEC DA specific information as provided by the CLEC such as it's business office, repair and DA rates.

5.1.1 Where technically feasible and/or available, AT&T-12STATE will provide CLEC DA Reference/Rater information based upon the criteria outlined below:

5.1.1.1 CLEC will furnish DA Reference and Rater -information in accordance with the process outlined in the Operator Services Questionnaire (OSQ).

5.1.1.2 CLEC will inform AT&T-12STATE via the Operator Services Questionnaire (OSQ) of any changes to be made to Reference/Rater information.

5.1.1.3 An initial non-recurring charge will apply per state, per Operator assistance switch for loading of CLEC's DA Reference/Rater information. An additional non-recurring charge will apply per state, per Operator assistance switch for each subsequent change to either the CLEC's DA Services Reference or Rater -information.

5.1.1.4 Where technically feasible and/or available, when an AT&T-12STATE Operator receives a rate request from a CLEC End User, AT&T-12STATE will quote the applicable DA rates as provided by CLEC or as otherwise defined below.

5.1.1.5 AT&T CONNECTICUT - until technically feasible and/or available, when a AT&T CONNECTICUT Operator receives a rate request from a CLEC end user, AT&T CONNECTICUT will quote the surcharge rate only.

6. RESPONSIBILITIES OF THE PARTIES

6.1 CLEC agrees that due to customer quality and work force scheduling, AT&T-13STATE will be the sole provider of DA Services for CLEC's local serving area(s) for a minimum of a one (1) year period.

6.2 CLEC will be responsible for providing the equipment and facilities necessary for signaling and routing calls with Automatic Number Identification (ANI) to each AT&T-13STATE Operator assistance switch. Should CLEC seek to obtain interexchange DA Service from AT&T-13STATE, CLEC is responsible for ordering the necessary facilities under the appropriate interstate or intrastate Access Service Tariffs. Nothing in this Agreement in any way changes the manner in which an interexchange Carrier obtains access service for the purpose of originating or terminating interexchange traffic.

6.3 Facilities necessary for the provision of DA Services shall be provided by the Parties hereto, using standard trunk traffic engineering procedures to insure that the objective grade of service is met. Each Party shall bear the costs for its own facilities and equipment.

6.4 CLEC will furnish to AT&T-13STATE a completed OSQ thirty (30) calendar days in advance of the date when the DA Services are to be undertaken.

6.5 CLEC will provide AT&T-13STATE updates to the OSQ fourteen (14) calendar days in advance of the date when changes are to become effective.

6.6 CLEC will send the DA listing records to AT&T-13STATE for inclusion in AT&T-13STATE DA database via electronic gateway as described in Appendix WP.

6.7 CLEC agrees that AT&T-13STATE may utilize CLEC's End User's listings contained in AT&T-13STATE directory assistance database in providing existing and future AT&T-13STATE directory assistance or DA related services.

6.8 CLEC further agrees that AT&T-13STATE can release CLEC's directory assistance listings stored in AT&T-13STATE directory assistance database to competing providers.

7. METHODS AND PRACTICES

7.1 AT&T-13STATE will provide DA Services to CLEC's End Users in accordance with AT&T-13STATE DA methods and practices that are in effect at the time the DA call is made, unless otherwise agreed in writing by both parties.

8. PRICING

8.1 The prices at which AT&T-13STATE agrees to provide CLEC with Directory Assistance Services are contained in the applicable Appendix Pricing and/or the applicable Commissioned ordered tariff where stated.

8.2 Beyond the specified term of this Appendix, AT&T-13STATE may change the prices for the provision of DA Services upon one hundred-twenty (120) calendar days' notice to CLEC.

9. MONTHLY BILLING

9.1 For information regarding billing, non-payment, disconnection, and dispute resolution, see the General Terms and Conditions of this Agreement.

9.2 AT&T-13STATE will accumulate and provide CLEC such data as necessary for CLEC to bill its End Users.

10. LIABILITY

10.1 The provisions set forth in the General Terms and Conditions of this Agreement, including but not limited to those relating to limitation of liability and indemnification, shall govern performance under this Appendix.

10.2 CLEC also agrees to release, defend, indemnify, and hold harmless AT&T-13STATE from any claim, demand or suit that asserts any infringement or invasion of privacy or confidentiality of any person or persons caused or claimed to be caused, directly, or indirectly, by AT&T-13STATE employees and equipment associated with provision of DA Services, including but not limited to suits arising from disclosure of the telephone number, address, or name associated with the telephone called or the telephone used to call DA Services.

11. TERMS OF APPENDIX

11.1 Subject to the limitations set forth in Section 1.1. above, this Appendix will continue in force for the length of the Interconnection Agreement, but no less than twelve (12) months. At the expiration of the term of the Interconnection Agreement to which this Appendix is attached, or twelve months, which ever occurs later, either Party may terminate this Appendix upon one hundred-twenty (120) calendar days written notice to the other Party.

11.2 If CLEC terminates this Appendix prior to the expiration of the term of this Appendix, CLEC shall pay AT&T SOUTHWEST REGION 5-STATE, within thirty (30) days of the issuance of any bills by AT&T-13STATE, all amounts due for actual services provided under this Appendix, plus estimated monthly charges for the lesser of the unexpired portion of the term or twelve months. Estimated charges will be based on an average of the actual monthly service provided by AT&T-13STATE pursuant to this Appendix prior to its termination.

APPENDIX DAL

TABLE OF CONTENTS

1. INTRODUCTION 3
2. GENERAL TERMS AND CONDITIONS 4
3. ASSIGNMENT 5
4. BREACH OF CONTRACT 5
5. LIABILITY 6
6. TERM OF APPENDIX 6

APPENDIX DAL

(LOCAL DIRECTORY ASSISTANCE LISTINGS)

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions for which Parties agrees to license its subscriber listing information applicable to AT&T Inc. (AT&T) owned Incumbent Local Exchange Carrier (ILEC) and CLECs.

1.2 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, L.P. 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.

1.3 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.

1.4 AT&T-4STATE - As used herein, AT&T-4STATE means Southwestern Bell Telephone, L.P. 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.

1.5 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.

1.6 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.

1.7 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.

1.8 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.

1.9 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.

1.10 AT&T ARKANSAS - As used herein, AT&T ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Arkansas, the applicable AT&T-owned ILEC doing business in Arkansas.

1.11 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.

1.12 AT&T CONNECTICUT - As used herein, AT&T CONNECTICUT means The Southern New England Telephone Company d/b/a AT&T Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.13 AT&T KANSAS - As used herein, AT&T KANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Kansas, the applicable AT&T-owned ILEC doing business in Kansas.

1.14 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.

1.15 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.

1.16 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 doing business in Michigan.

1.17 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.

1.18 AT&T MISSOURI - As used herein, AT&T MISSOURI means Southwestern Bell Telephone, L.P. d/b/a AT&T Missouri, the applicable AT&T-owned ILEC doing business in Missouri.

1.19 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.

1.20 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.

1.21 AT&T OKLAHOMA - As used herein, AT&T OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a AT&T Oklahoma, the applicable AT&T-owned ILEC doing business in Oklahoma.

1.22 AT&T SOUTHWEST REGION 5-STATE - As used herein, AT&T SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone, L.P. 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.

1.23 AT&T TEXAS – As used herein, AT&T TEXAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Texas, the applicable AT&T-owned ILEC doing business in Texas.

1.24 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.

1.25 The prices at which AT&T-13STATE agrees to provide CLEC with Directory Assistance Listing (DAL) are contained in the applicable Appendix Pricing and/or the applicable Commissioned ordered tariff where stated.

2. GENERAL TERMS AND CONDITIONS

2.1 Where technically feasible and/or available, AT&T-13STATE will provide Directory Assistance (listing information referred to as Directory Assistance Listing (DAL) in AT&T SOUTHWEST REGION 5-STATE, Directory Assistance Listing Information Service (DALIS) in AT&T California and Dialing Parity Directory Listings in AT&T MIDWEST REGION 5-STATE (herein after collectively referred to as DAL):

2.1.1 AT&T-13STATE owns and maintains the database containing directory assistance listing information (name, address and published telephone number, or an indication of "non-published status") of telephone subscribers.

2.1.2 AT&T-13STATE uses the directory assistance listing information in its database to provide directory assistance (DA) service to End Users who call AT&T-13STATE's DA to obtain such information.

2.1.3 Inasmuch as AT&T-13STATE provides DA service under contract for Independent Local Exchange Carriers (ILECs) and Competitive Local Exchange Carriers, (CLECs), AT&T-13STATE's database also contains directory assistance listing information for other ILEC and CLEC End Users.

2.1.4 CLEC, or its agent, wishes to provide DA service to CLEC's End Users located in the CLEC's service area, and therefore, wishes to load its database with directory assistance listings contained in AT&T-13STATE's DA database.

2.1.5 AT&T-13STATE agrees to license requested directory assistance listing information contained in its database, under the following terms and conditions:

2.1.5.1 AT&T-13STATE shall license its directory assistance listing information as defined in Exhibit A.

2.1.5.2 AT&T-13STATE shall provide directory assistance listing information in a mutually acceptable format.

2.1.5.3 AT&T-13STATE shall provide directory assistance listing information to CLEC via a mutually acceptable mode of transmission. Once the mode of transmission has been determined, AT&T13-STATE will provide to CLEC the initial load of directory assistance listing information in a mutually agreed upon timeframe.

2.2 Use of Directory Assistance Listing Information

2.2.1 CLEC may use the directory assistance listing information licensed and provided pursuant to this Appendix in compliance with all applicable laws, regulations, and rules including any subsequent decision by the FCC or a court regarding the use of directory assistance listings.

2.2.2 Upon termination of the Agreement, CLEC shall cease using, for any purpose whatsoever, the directory assistance listing information provided hereunder by AT&T-13STATE, and shall extract and expunge all copies or any portions thereof from files and records and provide a certification from an officer of the company that all actions have been performed.

2.2.3 In the event a telephone service subscriber has a "non-published" listing, a "non-published" classification will be identified in lieu of the telephone number information and will be considered part of the Listing Information. The last name, first name, street number, street name, community, and zip code will be provided as part of the Listing Information. The information provided for non-published customers can only be used for two purposes. First, the non-published status may be added to the listing in CLEC's database for the sole purpose of adding/correcting the non-published status of the listings in the database. Second, addresses for non-published customers may be used for verification purposes. If a caller provides the address for a requested listing, CLEC may verify the listing by matching the caller-provided address with the address in CLEC's dates. CLEC may not provide the address information of a requested listing of a non-published subscriber to a caller under any circumstances. CLEC can notify the customer that the requested listing is non-published.

3. ASSIGNMENT

3.1 The directory assistance listings provided by AT&T shall remain the property of AT&T-13STATE. CLEC, or its third-party DA provider/agent, shall take appropriate measures at least equal to the measures CLEC uses for its own listings to guard against any unauthorized use of the listings provided to it hereunder.

4. BREACH OF CONTRACT

4.1 In the event a Party is found to have materially breached this Appendix, such breach shall be remedied immediately and the non-breaching Party shall have the right to terminate the breaching party's license, without terminating its own rights hereunder, upon fourteen (14) calendar days notice, until the other Party's breach is remedied. Further should CLEC breach this agreement, it shall immediately cease use of AT&T-13STATE's directory assistance listing information.

5. LIABILITY

5.1 AT&T-13STATE makes no express or implied warranties whatsoever regarding the accuracy of the directory assistance listing information provided to CLEC. CLEC agrees to accept the directory assistance listing information on an "as-is" basis with all faults, errors and omissions, if any. AT&T-13STATE makes no warranty, expressed or implied, with respect to any listings or the information contained therein, including but not limited to warranties for merchantability or fitness for a particular purpose.

5.2 CLEC hereby releases AT&T-13STATE from any and all liability for damages due to errors or omissions in the directory assistance listing information provided under this Appendix, or by reason of delay in providing the directory assistance listing information, including, but not limited to, special, indirect, consequential, punitive or incidental damages.

5.3 CLEC shall indemnify, protect, save harmless and defend AT&T-13STATE (or AT&T-13STATE's officers, employees, agents, assigns and representatives) from and against any and all losses, liability, damages and expense arising out of any demand, claim, suit or judgment by a third party in any way related to this Appendix, and every interconnection, service and network element provided hereunder, shall be subject to all rates, terms and conditions contained in this Agreement or any other appendices or attachments to this Agreement which are supplying directory assistance listing information, or any actual error or omission. CLEC shall so indemnify regardless of whether the demand, claim or suit by the third party is brought jointly against CLEC and AT&T-13STATE, and/or against AT&T-13STATE alone. However, if such demand, claim or suit specifically alleges that an error or omission appears in DA listing information, AT&T-13STATE may, at its option, assume and undertake its own defense, or assist in the defense of CLEC, in which event CLEC shall reimburse AT&T-13STATE for reasonable attorney's fees and other reasonable expenses incurred by it in handling and defending such demand, claim and/or suit. Neither party shall enter into any settlement of any such demand, claim or suit without the prior written consent of the other Party.

6. TERM OF APPENDIX

6.1 This Appendix will continue in force for the length of the Interconnection Agreement, but no less than twelve (12) months. At the expiration of the term of the Interconnection Agreement to which this Appendix is attached, or twelve (12) months, whichever occurs later either Party may terminate this Appendix upon one hundred-twenty (120) calendar day's written notice to the other Party.

APPENDIX 911

TABLE OF CONTENTS

1. INTRODUCTION 3
2. DEFINITIONS 4
3. AT&T-13STATE RESPONSIBILITIES 5
4. CLEC RESPONSIBILITIES 6
5. RESPONSIBILITIES OF BOTH PARTIES 7
6. METHODS AND PRACTICES 8
7. CONTINGENCY 8
8. BASIS OF COMPENSATION 8
9. LIABILITY 8

APPENDIX 911

TERMS AND CONDITIONS FOR PROVIDING CONNECTION TO E911 UNIVERSAL EMERGENCY NUMBER SERVICE

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions by which the applicable AT&T Inc. (AT&T)-owned Incumbent Local Exchange Carrier (ILEC) will provide CLEC with access to the applicable AT&T-owned ILEC's 911 and E911 Databases and provide interconnection and Call Routing for purposes of 911 call completion to a Public Safety Answering Point (PSAP) as required by Section 251 of the Act.

1.2 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, L.P. 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.

1.3 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.

1.4 AT&T-4STATE - As used herein, AT&T-4STATE means Southwestern Bell Telephone, L.P. 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.

1.5 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.

1.6 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.

1.7 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.

1.8 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.

1.9 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.

1.10 AT&T ARKANSAS - As used herein, AT&T ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Arkansas, the applicable AT&T-owned ILEC doing business in Arkansas.

1.11 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.

1.12 AT&T CONNECTICUT - As used herein, AT&T CONNECTICUT means The Southern New England Telephone Company d/b/a AT&T Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.13 AT&T KANSAS - As used herein, AT&T KANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Kansas, the applicable AT&T-owned ILEC doing business in Kansas.

1.14 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.

1.15 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.

1.16 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 doing business in Michigan.

1.17 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.

1.18 AT&T MISSOURI - As used herein, AT&T MISSOURI means Southwestern Bell Telephone, L.P. d/b/a AT&T Missouri, the applicable AT&T-owned ILEC doing business in Missouri.

1.19 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.

1.20 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.

1.21 AT&T OKLAHOMA - As used herein, AT&T OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a AT&T Oklahoma, the applicable AT&T-owned ILEC doing business in Oklahoma.

1.22 AT&T SOUTHWEST REGION 5-STATE - As used herein, AT&T SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone, L.P. 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.

1.23 AT&T TEXAS – As used herein, AT&T TEXAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Texas, the applicable AT&T-owned ILEC doing business in Texas.

1.24 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 "911 System" means the set of network, database and customer premise equipment (CPE) components required to provide 911 service.

2.2 "911 Trunk" means a trunk capable of transmitting Automatic Number Identification (ANI) associated with a call to 911 from CLEC's End Office to the E911 system.

2.3 "Automatic Location Identification" or "ALI" means the automatic display at the PSAP of the caller's telephone number, the address/location of the telephone and, in some cases, supplementary emergency services information.

2.4 "Automatic Number Identification" or "ANI" means the telephone number associated with the access line from which a call to 911 originates.

2.5 "Company Identifier" or "Company ID" means a three to five (3 to 5) character identifier chosen by the Local Exchange Carrier that distinguishes the entity providing dial tone to the End-User. The Company Identifier is maintained by NENA in a nationally accessible database.

2.6 "Database Management System" or "DBMS" means a system of manual procedures and computer programs used to create, store and update the data required to provide Selective Routing and/or Automatic Location Identification for 911 systems.

2.7 "E911 Customer" means a municipality or other state or local government unit, or an authorized agent of one or more municipalities or other state or local government units to whom authority has been lawfully delegated to respond to public emergency telephone calls, at a minimum, for emergency police and fire services through the use of one telephone number, 911.

2.8 "E911 Universal Emergency Number Service" (also referred to as "Expanded 911 Service" or "Enhanced 911 Service") or "E911 Service" means a telephone exchange communications service whereby a public safety answering point (PSAP) answers telephone calls placed by dialing the number 911. E911 includes the service provided by the lines and equipment associated with the service arrangement for the answering, transferring, and dispatching of public emergency telephone calls dialed to 911. E911 provides completion of a call to 911 via dedicated trunking facilities and includes Automatic Number Identification (ANI), Automatic Location Identification (ALI), and/or Selective Routing (SR).

2.9 "Emergency Services" means police, fire, ambulance, rescue, and medical services.

2.10 "Emergency Service Number" or "ESN" means a three to five digit number representing a unique combination of emergency service agencies (Law Enforcement, Fire, and Emergency Medical Service) designated to serve a specific range of addresses within a particular geographical area. The ESN facilitates selective routing and selective transfer, if required, to the appropriate PSAP and the dispatching of the proper service agency(ies).

2.11 "National Emergency Number Association" or "NENA" means the National Emergency Number Association is a not-for-profit corporation established in 1982 to further the goal of "One Nation-One Number". NENA is a networking source and promotes research, planning, and training. NENA strives to educate, set standards and provide certification programs, legislative representation and technical assistance for implementing and managing 911 systems.

2.12 "Public Safety Answering Point" or "PSAP" means an answering location for 911 calls originating in a given area. The E911 Customer may designate a PSAP as primary or secondary, which refers to the order in which calls are directed for answering. Primary PSAPs answer calls; secondary PSAPs receive calls on a transfer basis. PSAPs are public safety agencies such as police, fire, emergency medical, etc., or a common bureau serving a group of such entities.

2.13 "Selective Routing" and "Selective Router" or "SR" means the routing and equipment used to route a call to 911 to the proper PSAP based upon the number and location of the caller. Selective routing is controlled by an ESN, which is derived from the location of the access line from which the 911 call was placed.

2.14 "Service Provider" means an entity that provides one or more of the following 911 elements; network, database, or CPE.

3. AT&T-13STATE RESPONSIBILITIES

3.1 AT&T-13STATE shall provide and maintain such equipment at the 911 SR and the DBMS as is necessary to provide CLEC access to the 911 SR and DBMS set forth herein in a particular Rate Center in which CLEC is authorized to provide local telephone exchange service and when AT&T-13STATE provides the 911 System component. In such situations, AT&T-13STATE shall provide CLEC access to the AT&T 13-STATE 911 System as described in this section in.

3.2 Call Routing

3.2.1 AT&T-13STATE will route 911 calls from the AT&T 13-State SR to the designated primary PSAP or to designated alternate locations, according to routing criteria specified by the PSAP.

3.2.2 AT&T-13STATE will forward the calling party number (ANI) it receives from CLEC and the associated Automatic Location Identification (ALI) to the PSAP for display. If no ANI is forwarded by

CLEC, AT&T-13STATE will forward an Emergency Service Central Office (ESCO) identification code for display at the PSAP. If ANI is forwarded by the CLEC, but no ALI record is found in the E911 DBMS, AT&T-13-STATE will report this "No Record Found" condition to the CLEC in accordance with NENA standards.

3.3 Facilities and Trunking

3.3.1 AT&T-13STATE shall provide and maintain sufficient dedicated E911 trunks from AT&T-13STATE's SR to the PSAP of the E911 Customer, according to provisions of the appropriate state Commission-approved tariff and documented specifications of the E911 Customer.

3.3.2 AT&T-13STATE will provide facilities to interconnect the CLEC to the AT&T 13-STATE SR, as specified in the applicable AT&T 13-STATE Access tariff. Additionally, when diverse facilities are requested by CLEC, AT&T-13STATE will provide such diversity where technically feasible, at standard AT&T 13-STATE Access Tariff rates.

3.3.3 AT&T-13STATE and CLEC will cooperate to promptly test all trunks and facilities between CLEC's network and the AT&T-13STATE SR(s).

3.4 Database

3.4.1 Where AT&T-13STATE manages the 911 and E911 Databases, AT&T-13STATE shall provide CLEC access to the 911 and E911 Databases to store CLEC's End User 911 Records [that is, the name, address, and associated telephone number(s) for each of CLEC's End Users served by CLEC's exchange(s)] in the electronic data processing database for the E911 DBMS. CLEC or its representative(s) is responsible for electronically providing End User 911 Records and updating this information.

3.4.2 Where AT&T-13STATE manages the 911 and E911 Databases, AT&T-13STATE shall coordinate access to the AT&T-13STATE DBMS for the initial loading and updating of CLEC End User 911 Records.

3.4.3 Where AT&T-13STATE manages the E911 Database, AT&T-13STATE's ALI database shall accept electronically transmitted files that are based upon NENA standards. Manual entry shall be allowed only in the event that the DBMS is not functioning properly.

4. CLEC RESPONSIBILITIES

4.1 Call Routing

4.1.1 CLEC will transport 911 calls from each point of interconnection (POI) to the AT&T-13STATE SR office of the 911 System, where AT&T-13STATE is the 911 System Service Provider.

4.1.2 CLEC will forward the ANI information of the party calling 911 to the AT&T-13STATE 911 Selective Router.

4.2 Facilities and Trunking

4.2.1 CLEC shall provide interconnection with each AT&T-13STATE 911 Selective Router that serves the exchange areas in which CLEC is authorized to and will provide telephone exchange service.

4.2.2 CLEC acknowledges that its End Users in a single local calling scope may be served by different SRs and CLEC shall be responsible for providing interconnection facilities to route 911 calls from its End Users to the proper E911 SR.

4.2.3 CLEC shall provide a minimum of two (2) one-way outgoing E911 trunk(s) dedicated for originating 911 emergency service calls from the point of interconnection (POI) to interconnect to each AT&T-13STATE 911 Selective Router, where applicable. Where SS7 connectivity is available and required by the applicable E911 Customer, the Parties agree to implement Common Channel Signaling trunking rather than CAMA MF trunking.

4.2.3.1 In AT&T MIDWEST REGION 5-STATE only, CLEC is responsible for providing a separate 911 trunk group for each county or other geographic area that CLEC serves if the 911

Customer for such county or geographic area has a specified varying default routing condition. In addition, 911 traffic originating in one (1) NPA (area code) must be transmitted over a separate 911 trunk group from 911 traffic originating in any other NPA (area code) 911.

4.2.4 CLEC shall maintain facility transport capacity sufficient to route 911 traffic over trunks dedicated for 911 interconnection between the CLEC switch and the AT&T-13STATE SR.

4.2.5 CLEC shall provide sufficient trunking to interconnect with the designated AT&T-13STATE 911 SR to route CLEC's originating 911 calls to the designated AT&T-13STATE 911 SR. CLEC is responsible for requesting that trunking and facilities be routed diversely for 911 interconnection.

4.2.6 CLEC is responsible for determining the proper quantity of trunks and transport facilities from its switch(es) to interconnect with the AT&T-13STATE 911 SR.

4.2.7 CLEC shall engineer its 911 trunks to attain a minimum P.01 grade of service as measured using the "busy day/busy hour" criteria or, if higher, at such other minimum grade of service as required by Applicable Law or duly authorized Governmental Authority.

4.2.8 CLEC shall monitor its 911 trunks for the purpose of determining originating network traffic volumes. If CLEC's traffic study indicates that additional 911 trunks are needed to meet the current level of 911 call volumes, CLEC shall provision additional 911 trunks for interconnection with AT&T-13STATE.

4.2.9 CLEC will cooperate with AT&T-13STATE to promptly test all 911 interconnection trunks and facilities between CLEC's network and the AT&T-13STATE 911 Selective Router(s) to assure proper functioning. CLEC agrees that it will not pass live traffic until successful testing is completed by both Parties.

4.2.10 CLEC is responsible for the isolation, coordination and restoration of all 911 facility and trunking maintenance problems from CLEC's demarcation (for example, collocation) to the AT&T-13STATE 911 SR(s). CLEC is responsible for advising AT&T-13STATE of the 911 trunk identification and the fact that the trunks are dedicated for 911 traffic when notifying AT&T-13STATE of a failure or outage. The Parties agree to work cooperatively and expeditiously to resolve any 911 outage. AT&T-13STATE will refer network trouble to CLEC if no defect is found in AT&T-13STATE's 911 network. The Parties agree that 911 network problem resolution will be managed expeditiously at all times.

4.3 Database

4.3.1 Once the 911 interconnection between CLEC and all appropriate AT&T 13-STATE SR(s) has been established and tested , CLEC or its representatives shall be responsible for providing CLEC's End User 911 Records to AT&T-13STATE for inclusion in AT&T-13STATE's DBMS on a timely basis.

4.3.2 CLEC or its agent shall provide initial and ongoing updates of CLEC's End User 911 Records that are MSAG-valid in electronic format based upon established NENA standards.

4.3.3 CLEC shall adopt use of a Company ID on all CLEC End User 911 Records in accordance with NENA standards. The Company ID is used to identify the carrier of record in facility configurations.

4.3.4 CLEC is responsible for providing AT&T-13STATE updates to the ALI database; in addition, CLEC is responsible for correcting any errors that may occur during the entry of their data to the AT&T-13STATE 911 DBMS.

5. RESPONSIBILITIES OF BOTH PARTIES

5.1 Jointly coordinate the provisioning of transport capacity sufficient to route originating E911 calls from the CLEC's POI to the designated AT&T-13STATE 911 Selective Router(s).

6. METHODS AND PRACTICES

6.1 With respect to all matters covered by this Appendix, each Party will comply with all of the following to the extent that they apply to access to 911 and E911 Databases: (i) all FCC and applicable state Commission rules and regulations, (ii) any requirements imposed by any Governmental Authority other than a Commission, (iii) the terms and conditions of AT&T-13STATE's Commission-ordered tariff(s) and (iv) the principles expressed in the recommended standards published by NENA.

7. CONTINGENCY

7.1 The terms and conditions of this Appendix represent a negotiated plan for providing access to 911 and E911 Databases, and provide interconnection and call routing for purposes of 911 call completion to a Public Safety Answering Point (PSAP) as required by Section 251 of the Act.

7.2 The Parties agree that the 911 System is provided herein is for the use of the E911 Customer, and recognize the authority of the E911 Customer to establish service specifications and grant final approval (or denial) of service configurations offered by AT&T-13STATE and CLEC. These specifications shall be documented in Exhibit I, CLEC Serving Area Description and E911 Interconnection Details. CLEC shall complete its portion of Exhibit I and submit it to AT&T-13STATE not later than forty-five (45) days prior to the passing of live traffic. AT&T-13STATE shall complete its portion of Exhibit I and return Exhibit I to CLEC not later than thirty (30) days prior to the passing of live traffic.

7.3 CLEC must obtain documentation of approval of the completed Exhibit I from the appropriate E911 Customer(s) that have jurisdiction in the area(s) in which CLEC's End Users are located CLEC shall provide documentation of all requisite approval(s) to AT&T-13STATE prior to use of CLEC's E911 connection for actual emergency calls.

7.4 Each Party has designated a representative who has the authority to complete additional Exhibit(s) I to this Appendix when necessary to accommodate expansion of the geographic area of CLEC into the jurisdiction of additional PSAP(s) or to increase the number of CAMA trunks. CLEC must obtain approval of each additional Exhibit I, as set forth in Section 7.2, and shall furnish documentation of all requisite approval(s) of each additional Exhibit I in accordance with Section 7.2.

7.5 In AT&T-2STATE, and AT&T MIDWEST REGION 5-STATE; the state specific forms shall be submitted in lieu of the Exhibit 1 referenced in Sections 7.1, 7.2 and 7.4 hereof.

8. BASIS OF COMPENSATION

8.1 Rates for access to 911 and E911 Databases, interconnection and call routing of E911 call completion to a Public Safety Answering Point (PSAP) as required by Section 251 of the Act are set forth in AT&T-13STATE's Appendix Pricing or applicable AT&T-13STATE Commission-approved access tariff.

9. LIABILITY

9.1 AT&T-13STATE's liability and potential damages, if any, for its gross negligence, recklessness or intentional misconduct, is not limited by any provision of this Appendix. AT&T-13STATE shall not be liable to CLEC, its End Users or its E911 calling parties or any other parties or persons for any Loss arising out of the 911 System or any errors, interruptions, defects, failures or malfunctions of the 911 System, including any and all equipment and data processing systems associated therewith. Damages arising out of such interruptions, defects, failures or malfunctions of the system after AT&T-13STATE has been notified and has had reasonable time to repair, shall in no event exceed an amount equivalent to any charges made for the service affected for the period following notice from CLEC until service is restored.

9.2 CLEC's liability and potential damages, if any, for its gross negligence, recklessness or intentional misconduct is not limited by any provision of this Appendix. In the event CLEC provides E911 Service to AT&T-13STATE, CLEC shall not be liable to AT&T-13STATE, its End Users or its E911 calling parties or any other parties or persons for any Loss arising out of the provision of E911 Service or any errors,

interruptions, defects, failures or malfunctions of E911 Service, including any and all equipment and data processing systems associated therewith. Damages arising out of such interruptions, defects, failures or malfunctions of the system after CLEC has been notified and has had reasonable time to repair, shall in no event exceed an amount equivalent to any charges made for the service affected for the period following notice from AT&T-13STATE until service is restored.

9.3 CLEC agrees to release, indemnify, defend and hold harmless AT&T-13STATE from any and all Loss arising out of AT&T-13STATE providing CLEC access to the 911 System hereunder or out of CLEC's End Users' use of the 911 System, whether suffered, made, instituted or asserted by CLEC, its End Users, or by any other parties or persons, for any personal injury or death of any person or persons, or for any loss, damage or destruction of any property, whether owned by CLEC, its End Users or others, unless the act or omission proximately causing the Loss constitutes gross negligence, recklessness or intentional misconduct of AT&T-13STATE.

9.4 CLEC also agrees to release, indemnify, defend and hold harmless AT&T-13STATE from any and all Loss involving an allegation of the infringement or invasion of the right of privacy or confidentiality of any person or persons, caused or claimed to have been caused, directly or indirectly, by the installation, operation, failure to operate, maintenance, removal, presence, condition, occasion or use of the 911 System features and the equipment associated therewith, including by not limited to the identification of the telephone number, address or name associated with the telephone used by the party or parties accessing the 911 System provided hereunder, unless the act or omission proximately causing the Loss constitutes the gross negligence, recklessness or intentional misconduct of AT&T-13STATE.

APPENDIX MERGER CONDITIONS

TABLE OF CONTENTS

1. MERGER CONDITIONS....3
2. DEFINED TERMS; DATES OF REFERENCE....3
3. PROMOTIONAL DISCOUNTS ON RESALE....4
4. INTENTIONALLY LEFT BLANK....4
5. CONFLICTING CONDITIONS....4
6. SUSPENSION OF CONDITIONS....5

APPENDIX MERGER CONDITIONS

1. MERGER CONDITIONS

1.1 For purposes of this Appendix only, AT&T-13STATE is defined as one of the following ILECs, as appropriate, in those geographic areas where the referenced AT&T-owned Company is the 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, L.P., 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.

1.1.1 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.

1.1.2 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.

1.1.3 AT&T CONNECTICUT - As used herein, AT&T CONNECTICUT means The Southern New England Telephone Company d/b/a AT&T Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.1.4 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.

1.1.5 AT&T SOUTHWEST REGION 5-STATE - As used herein, AT&T SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone, L.P. 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.

1.2 The Parties agree to abide by and incorporate by reference into this Appendix the FCC Merger Conditions to the extent that particular conditions have not yet terminated (sunset) and which are specifically addressed herein or relate to any provisions set forth herein.

1.3 Each of the obligations set forth in this Appendix terminates the earlier of: (1) the date this Agreement itself terminates without reference to this Appendix; or (2) the date such obligation terminates under the FCC Merger Conditions.

2. DEFINED TERMS; DATES OF REFERENCE

2.1 Unless otherwise defined in this Appendix, capitalized terms shall have the meanings assigned to such terms in the Agreement without reference to this Appendix and in the FCC Merger Conditions.

2.2 For purposes of calculating the intervals set forth in the FCC Merger Conditions concerning carrier to carrier promotions:

2.2.1 the Merger Closing Date is October 8, 1999; and

2.2.2 the Offering Window begins November 7, 1999.

2.3 "FCC Merger Conditions" means the Conditions for FCC Order Approving SBC/Ameritech Merger, CC Docket No. 98-141.

3. PROMOTIONAL DISCOUNTS ON RESALE

3.1 The promotional resale discount ("Resale Discount") on telecommunications services that AT&T-13STATE provides at retail to subscribers who are not telecommunications carriers, where such services are resold to residential end user customers sunset (terminated) in each AT&T-13STATE on November 8, 2002. Consequently, such discount is not available to any CLEC who did not have an approved and effective FCC Merger Conditions Appendix in each of its Agreements with AT&T-13STATE that provided for such Resale Discount before November 8, 2002. Thus, notwithstanding anything to the contrary in this Appendix or Agreement, in the event that any other telecommunications carrier should adopt provisions in this Appendix or Agreement pursuant to Section 252(i) of the Act, or otherwise obtains this Appendix, CLEC shall not be entitled to this Resale Discount unless the CLEC: (1) had an approved and effective FCC Merger Conditions Appendix in each of its Agreements with AT&T-13STATE that provided for this Resale Discount before November 8, 2002; and (2) even then, only with respect to those underlying resold lines the Adopting CLEC ordered prior to November 8, 2002 for this resale discount with a requested installation date of no later than December 7, 2002, as more specifically addressed in Paragraph 48 of the FCC Merger Conditions.

3.2 With respect to any CLEC that had an approved and effective FCC Merger Conditions Appendix in its Interconnection Agreement with AT&T-13STATE that provided for such Resale Discount before November 8, 2002, such CLEC shall continue to receive this promotional discount only for those underlying resold lines CLEC ordered during the Offering Window for this resale discount that has/had a requested installation date of no later than December 7, 2002, as more specifically addressed in Paragraph 48 of the FCC Merger Conditions. Any resold services (such as Call Waiting) provided over a resold customer line that is/was placed in service after December 7, 2002 shall not be eligible for the Resale Discount. Resold services (such as Call Waiting) added to a resold line that qualifies for the Resale Discount (i.e., which was ordered by CLEC during the offering window and has/had a requested installation date of no later than December 7, 2002) shall be eligible for the Resale Discount for the duration of the Promotional Period for the underlying resold service regardless of whether such resold services were added after the end of the Offering Window (i.e., November 8, 2002). AT&T/Ameritech is under no obligation to provide a service for resale at the Resale Discount outside the Promotional Period. For purposes of this subsection, Promotional Period is defined as a period of 36 months from the date a qualifying resold service was installed and operational, or the period during which the resold service remains in service at the same location and for the same telecommunications carrier, whichever is shorter.

3.3 If CLEC does not qualify for the Resale Discount, AT&T-13STATE's provision, if any, and CLEC's payment for promotional resale discounts shall continue to be governed by Appendix Resale as currently contained in the Agreement without reference to this Appendix. Unless AT&T receives thirty (30) days advance written notice with instructions to terminate service provided via the Resale Discount or to convert such service to an available alternative service provided by AT&T-13STATE, then upon expiration of the Resale Discount in any state, the service shall automatically convert to an appropriate AT&T-13STATE product/service offering pursuant to the rates, terms and conditions of the Agreement or, in the absence of rates, terms and conditions in the Agreement, the applicable tariff. Where there are no provisions for such offering in the Agreement without reference to this Appendix and there is no applicable tariff, the Parties shall meet within 30 days of a written request to do so to negotiate mutually acceptable rates, terms and conditions that shall apply retroactively. If the Parties are unable to reach agreement within 60 days of the written request to negotiate, any outstanding disputes shall be handled in accordance with the Dispute Resolution procedures in the Agreement.

4. INTENTIONALLY LEFT BLANK

5. CONFLICTING CONDITIONS

5.1 If any of the FCC Merger Conditions in this Appendix and conditions imposed in connection with the merger under state law grant similar rights against AT&T-13STATE, CLEC shall not have a right to

invoke the relevant terms of the FCC Merger Conditions in this Appendix if CLEC has already invoked in a particular state the substantially related conditions imposed on the merger under state law.

6. SUSPENSION OF CONDITIONS

6.1 If the FCC Merger Conditions are overturned or any of the provisions of the FCC Merger Conditions that are incorporated herein by reference are amended or modified as a result of any order or finding by the FCC, a court of competent jurisdiction or other governmental and/or regulatory authority, any impacted promotional discounts and other provisions described in this Appendix shall be automatically and without notice suspended as of the date of such termination, order or finding and shall not apply to any product or service purchased by CLEC or provisioned by AT&T-13STATE after the date of such termination, order or finding. Thereafter, AT&T-13STATE's continued provision and CLEC's payment for any service or item originally ordered or provided under this Appendix shall be governed by the rates, terms, and conditions as currently contained in the Agreement without reference to this Appendix. In the event that the FCC changes, modifies, adds or deletes any of the FCC Merger Conditions set forth herein, the Parties agree that the FCC's final order controls and takes precedence over the FCC Merger Conditions set forth herein.

APPENDIX ITR
(Interconnection Trunking Requirements)

TABLE OF CONTENTS

1. INTRODUCTION 3
2. DEFINITIONS 4
3. ONE-WAY AND TWO-WAY TRUNK GROUPS 5
4. TANDEM TRUNKING AND DIRECT END OFFICE TRUNKING 6
5. TRUNK GROUPS 8
6. FORECASTING RESPONSIBILITIES: AT&T-13STATE 13
7. TRUNK DESIGN BLOCKING CRITERIA: AT&T-13STATE 14
8. TRUNK SERVICING: AT&T-13STATE 14
9. TRUNK DATA EXCHANGE: AT&T-13STATE 16
10. NETWORK MANAGEMENT: AT&T-13STATE 17
11. OUT OF EXCHANGE TRAFFIC 17
12. SWITCHED ACCESS TRAFFIC 17

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 CLEC.

1.1.1 Any applicable financial responsibility for Facilities is addressed in Appendix NIM, and for any ancillary or Meet Point Trunk Groups are addressed in the applicable Appendices.

1.2 This Appendix provides descriptions of the trunking requirements between CLEC and AT&T-13STATE. All 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, Meet Point Traffic, Mass Calling, E911, Operator Services and Directory Assistance traffic.

1.3 Local Interconnection Trunk Groups may only be used to transport Section 251(b)(5)/IntraLATA Toll 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, L.P. 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, L.P. 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, L.P. 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, L.P. 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 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, L.P. 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, L.P. 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, L.P. 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, L.P. 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 central office switches for IXC-carried traffic , IXC-carrier intraLATA Toll traffic, Section 251 (b)(5) traffic ISP-bound Traffic in AT&T CALIFORNIA, AT&T-NEVADA, AT&T-MIDWEST 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 Traffic" is defined as traffic between AT&T-13STATE local calling areas or LEC local calling areas within one LATA within a respective state.

2.4 "ISP-Bound Traffic" is as defined in Attachment: Intercarrier Compensation.

2.5 "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-13STATE end users.

2.6 "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.

2.7 "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 End Office switches for Section 251(b)(5) and ISP-Bound Traffic.

2.8 "Local Only Trunk Groups" are two-way trunk groups used to carry Section 251(b)(5) Traffic only.

2.9 "Local Tandem" refers to any Local Only, Local/IntraLATA, Local/Access or Access Tandem switch serving a particular Local Calling area.

2.10 "Meet Point Trunk Group" carries traffic between CLEC's end users and Interexchange Carriers via AT&T-13STATE Access or Local/IntraLATA Tandem Switches.

2.11 "Offers Service" At such time as CLEC opens an NPA-NXX, ports a number to serve an end user or pools a block of numbers to serve end users.

2.12 "Section 251(b)(5) Traffic" is as defined in Attachment: Intercarrier Compensation.

2.13 "Section 251(b)(5)/IntraLATA Toll Traffic" shall mean for purposes of this Appendix ITR and Appendix NIM, (i) Section 251(b)(5) Traffic, (ii) ISP-Bound Traffic, (iii) IntraLATA 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 Traffic originating from an end user obtaining local dial tone 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 Request (ASR) for two-way 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 for traffic originated by AT&T-13 STATE.

3.2 Trunk groups for ancillary services (e.g. OS/DA, BLVI, Mass Calling, and E911 and Meet Point Trunk Groups can be established between CLEC's switch and an AT&T-13STATE Tandem as further provided in this Appendix ITR. These trunk groups will utilize Signaling System 7 (SS7) or multi-frequency (MF) signaling protocol, with SS7 signaling preferred whenever possible.

3.3 Two-way Local Interconnection Trunk Groups and Meet Point Trunk Groups shall be established between CLEC's switch and an AT&T-12STATE Tandem or End Office switch. These trunk groups will utilize Signaling System 7 (SS7) or multi-frequency (MF) signaling protocol, with SS7 signaling preferred whenever possible. For administrative consistency CLEC will have control for the purpose of issuing Access Service Requests (ASRs) on two-way Local Interconnection Trunk Groups and Meet Point trunk groups. AT&T-13STATE will use the Trunk Group Service Request (TGSR), as described in section 8.0 of this Appendix, to request changes in trunking. Both Parties reserve the right to issue ASRs, if so required, in the normal course of business.

3.4 The Parties agree that two-way trunking shall be established when technically feasible and appropriate for a given trunk group. However, in AT&T CONNECTICUT, one-way trunking is required to accommodate billing and technical limitations. The Parties will negotiate the appropriate trunk configuration, whether one-way or two-way to accommodate the present billing and technical limitations.

3.5 The Parties agree to exchange traffic data on two-way trunks 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 as agreed to by the Parties. Exchange of traffic data will permit each company to have knowledge of the offered and overflow load at each end of the two-way trunk group, and thereby enable accurate and independent determination of performance levels and trunk requirements. The Parties agree to the electronic exchange of data as described in section 9 of this Appendix ITR.

3.6 The Parties recognize that embedded one-way trunks may exist for Local/IntraLATA toll traffic via end-point meet Interconnection architecture. If mutually agreeable between the Parties, the Parties will negotiate a transition plan to migrate the embedded one-way trunks to two-way trunks via any Interconnection method as described in Appendix NIM. The Parties will coordinate any such migration, trunk group prioritization, and implementation schedule. AT&T-13STATE 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 Tandems that switch local only traffic (local Tandem AT&T SOUTHWEST REGION 5-STATE only), Tandems that switch only local and IntraLATA Toll traffic (local/IntraLATA Tandem AT&T SOUTHWEST REGION 5-STATE only), Tandems that switch IntraLATA and InterLATA traffic (Access Tandem) and Tandems that switch both local and IntraLATA/InterLATA Toll traffic (local/Access Tandem). In addition AT&T-13STATE deploys Tandems that switch ancillary traffic such as 911 (911 Tandem), Operator Services/ Directory Assistance (OS/DA Tandem), and Mass Calling (choke Tandem). Section 251(b)(5)/IntraLATA Toll Traffic on Tandem trunks does not terminate at the Tandem but is switched to other trunks that terminate the traffic in End Offices and ultimately to End Users.

4.2 When Tandem trunks are deployed, CLEC shall establish trunks to at least one tandem per LATA, with that Tandem being located in the local exchange area of CLEC.CLEC shall route appropriate traffic (i.e. only traffic to End Offices in that LATA to the respective AT&T-13STATE Tandem(s) on the trunk groups defined below. AT&T-13STATE shall route appropriate traffic to CLEC switches on the trunk groups defined below.

4.2.1 "Transit Traffic" is local and intraLATA toll traffic originated by or terminates to CLEC's End Users from another Local Exchange Carrier, CLEC or wireless carrier's End User that transit a AT&T-13STATE Tandem. Transit Traffic does not terminate to AT&T-13STATE's End Users.

4.2.2 When transit traffic through the AT&T-13STATE Tandem from CLEC to another Local Exchange Carrier, CLEC or wireless carrier requires 48 or more trunks, CLEC shall establish a direct trunk group between itself and the other Local Exchange Carrier, CLEC or wireless carrier. CLEC shall route Transit Traffic via AT&T-13STATE's Tandem switches, and not at or through any AT&T-13STATE End Offices. Once a direct trunk group is established, CLEC agrees to cease routing transit traffic through the AT&T-13STATE Tandem to the third party terminating carrier. This trunk group will be serviced in accordance with the Trunk Design Blocking Criteria in Section 7.0.

4.2.3 AT&T CONNECTICUT will make its Connecticut Transit Traffic Service available to CLEC for the purpose of completing CLEC Transit Traffic calls as defined in Section 4.2.1 at the rates and upon the terms and conditions set forth in Appendix Pricing and the applicable CT Access Service Tariff respectively. In doing so, AT&T CONNECTICUT will compensate the terminating carrier for applicable local compensation or intraLATA access compensation.

4.3 While the Parties agree that it is the responsibility of the CLEC to enter into arrangements with each third party carrier (ILECs, IXCs, Wireless Carriers or other CLECs) to deliver or receive transit traffic, AT&T-13STATE acknowledges that such arrangements may not currently be in place and an interim arrangement will facilitate traffic completion on a temporary basis. Accordingly, until the earlier of (I) the date on which either Party has entered into an arrangement with third-party carrier to exchange transit traffic to CLEC and (II) the date transit traffic volumes exchanged by the CLEC and third-party carrier exceed the volumes specified in Section 4.2.2, AT&T-13STATE will provide CLEC with transit service. CLEC agrees to use reasonable efforts to enter into agreements with third-party carriers as soon as possible after the Effective Date.

4.3.1 Once the CLEC determines or is notified that that there is more than forty eight DS0's worth of traffic to any 3rd party, then the CLEC will invoke an interconnection arrangement for direct trunks with the 3rd party of concern within 60 calendar days.

4.3.2 If CLEC does not establish direct trunk groups as described above, AT&T-13STATE reserves the right to cease delivery of such traffic.

4.3.3 All traffic must identify the originating party. For Transit Traffic the originating Party will be responsible for providing the originating billing information to the terminating Party, if technically feasible. If the originating Party does not provide the originating billing information to the terminating Party, then AT&T-13STATE must provide the originating billing information to the terminating party. Any costs incurred by the terminating Party in obtaining the records, and costs incurred in manual billing, will be billed back to the originating Party. If neither the originating party nor AT&T-13STATE is able to provide the originating billing information to the terminating party, the terminating party is under no obligation to terminate the Transit Traffic.

4.4 Direct End Office trunks terminate traffic from CLEC's switch to an AT&T-13STATE End Office and are not switched at a Tandem location. The Parties shall establish a two-way Direct End Office trunk group when actual or projected traffic terminating to the AT&T-13 STATE End Office requires forty-eight (48) or more trunks or when no local or local/Access Tandem is present in the local exchange area. Overflow from either end of the Direct End Office trunk group will be alternate routed to the appropriate Tandem. Local traffic will only be alternately routed if the local exchange area is served by a local or local/Access Tandem.

4.4.1 Direct End Office trunks (DEOTs) terminate Section 251(b)(5)/IntraLATA Toll Traffic from a CLEC switch to an AT&T-13STATE End Office. This traffic is not switched at a Tandem location. DEOTs terminate Local IntraLATA traffic from CLEC's Switch to AT&T 13-STATE End Offices.

4.4.2 Intentionally Left Blank

4.5 All traffic received by AT&T-13STATE on the direct End Office trunk group 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 of a host/remote configuration, the Interconnection for that remote End Office is only available 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.

4.6 Trunk Configuration

4.6.1 Trunk Configuration – AT&T SOUTHWEST REGION 5-STATE, AT&T MIDWEST REGION 5-STATE and AT&T CONNECTICUT

4.6.1.1 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.

4.6.1.2 The Lucent 1AESS switch is incapable of handling 64CCC traffic. Therefore, all trunk groups established to the 1AESS switches must use Alternate Mark Inversion (AMI).

4.6.2 Trunk Configuration – AT&T-2STATE

4.6.2.1 When Interconnecting at AT&T-2STATE's digital End Offices, the Parties may 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, the Parties may mutually agree to upgrade to B8ZS ESF when such equipment is available.

4.6.2.2 When Interconnecting at AT&T CALIFORNIA's DMS Tandem(s), 64CCC data and voice traffic may be combined on the same B8ZF ESF facilities and 2-way trunk group. 64CCC data and voice traffic must be separate and not combined at AT&T CALIFORNIA's 4E Tandems. A CLEC establishing new trunk groups to carry combined voice and data traffic from AT&T CALIFORNIA's DMS Tandems may do so where facilities and equipment exist. Where separate voice and data Interconnection trunking already exists CLEC may transition to combined voice and data trunking as a major project, subject to rules, timelines and guidelines set forth in the CLEC handbook, which is not incorporated herein refer to the appropriate ILEC's website. In all cases, if mutually agreeable to the Parties, CLEC will disconnect existing voice-only trunk groups as existing 64CCC trunk groups are augmented to carry both voice and data traffic. For both the combined and the segregated voice and data trunk groups, where additional equipment is required, such equipment will be obtained, engineered, and installed on the same basis and with the same intervals as any similar growth job which AT&T CALIFORNIA does for IXC's, CLEC's, or itself for 64CCC trunks.

5. TRUNK GROUPS

5.1 The following trunk groups shall be used to exchange various types of traffic between CLEC and AT&T-13STATE.

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 trunk group shall be established between CLEC switch and each AT&T SOUTHWEST REGION 5-STATE local Tandem in the local exchange area. Inter-Tandem switching is not provided.

5.2.2 A two-way local/IntraLATA trunk group shall be established between CLEC switch and each AT&T SOUTHWEST REGION 5-STATE local/IntraLATA Tandem 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 the CLEC is Interconnected.

5.2.4 Where traffic from CLEC switch to AT&T SOUTHWEST REGION 5-STATE End Office is sufficient, 48 or more trunks, a Local only or Local Interconnection Trunk Group shall also be established to the AT&T SOUTHWEST REGION 5-STATE End Office as described in Sections 4.4 and 4.5.

5.2.5 A Local Only or Local Interconnection Trunk Group shall be established from CLEC's switch to each AT&T SOUTHWEST REGION 5-STATE End Office in a local exchange area that has no Tandem.

5.2.6 Each Party shall deliver to the other Party over the Local Only or Local Interconnection Trunk Group(s) only such traffic that originates and terminates in the local exchange area.

5.2.7 When AT&T SOUTHWEST REGION 5-STATE has a separate local Tandem and Access Tandem in the local exchange area, a two-way IntraLATA toll trunk group shall be established to the AT&T SOUTHWEST REGION 5-STATE Access Tandem, in addition a two-way Local Only or Local Interconnection trunk group shall be established from the CLEC switch to the AT&T SOUTHWEST REGION 5-STATE Local Tandem(s).

5.2.8 When AT&T SOUTHWEST REGION 5-STATE has a combined local/Access Tandem in a local exchange area, local and IntraLATA toll traffic shall be combined on a two-way local/IntraLATA trunk group.

5.2.9 When AT&T SOUTHWEST REGION 5-STATE has more than one combined local/Access Tandems in a local exchange area, local and IntraLATA toll traffic shall be combined on a two-way local/IntraLATA trunk group to each AT&T SOUTHWEST REGION 5-STATE Tandem.

5.3 Local Only and Local Interconnection Trunk Group(s) in Each LATA: AT&T MIDWEST REGION 5-STATE, AT&T CONNECTICUT, and AT&T-2STATE

5.3.1 Tandem Trunking - Single Tandem LATAs

5.3.1.1 Where AT&T 2-STATE or AT&T MIDWEST REGION 5-STATE has a single Access Tandem in a LATA, IntraLATA Toll and Local traffic shall be combined on a single Local Interconnection Trunk group for calls destined to or from all End Offices that subtend the Tandem. This trunk group shall be two-way and will utilize Signaling System 7 (SS7) signaling.

5.3.2 Tandem Trunking – Multiple Tandem LATAs

5.3.2.1 Where AT&T-2STATE , AT&T CONNECTICUT or AT&T MIDWEST REGION 5-STATE has more than one Access Tandem and/or local/IntraLATA Tandem in a LATA, IntraLATA Toll and Local traffic shall be combined on a single Local Interconnection Trunk Group at each AT&T-2STATE, AT&T CONNECTICUT or AT&T MIDWEST REGION 5-STATE Tandem for calls destined to or from all End Offices that subtend each Tandem. These trunk groups shall be two-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 Local Interconnection Trunk Groups for the exchange of Section 251(b)(5)/IntraLATA Toll Traffic where actual or projected traffic demand is or will be forty eight (48) or more trunks, as described in Sections 4.4 and 4.5.

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

5.4.1 IXC-carried traffic shall be transported between CLEC switch and the AT&T-13STATE Access or combined local/Access Tandem 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 inter-exchange carriers via a AT&T-13STATE Access Tandem.

5.4.2 Meet Point Trunk Groups shall be set up as two-way and will utilize SS7 signaling, except multi-frequency ("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. CLEC is financially responsible for the transport facility cost as described in Appendix NIM section 2.6.

5.4.3 When AT&T-13STATE has more than one Access Tandem in a local exchange area or LATA, CLEC shall establish a Meet Point Trunk Group to each AT&T-13STATE Access Tandem where the CLEC has homed its NXX code(s). If the Access Tandems are in two different states, CLEC shall establish a Meet Point Trunk Group with one Access Tandem in each state.

5.4.4 In AT&T-13STATE where there is more than one Access Tandem in a LATA, and the CLEC had previously established a Meet Point Trunk Group to a AT&T-13STATE Access Tandem, or a constrained Access Tandem condition exist, the Parties agree to develop a mutually acceptable plan

to establish a Meet Point Trunk Group to each AT&T-13STATE Access Tandem where CLEC has homed its NXX code(s).

5.4.5 FOR AT&T CALIFORNIA ONLY: CLEC will home new codes serving a particular community on the Tandem serving that community, as defined in SCHEDULE CAL.P.U.C. NO. I75—T, Section 6.7.3, Tandem Access Sectorization (TAS). CLEC is not required, however, to home codes by the sector designations. CLEC also agrees to locate at least one Local Routing Number (LRN) per home Tandem if CLEC ports any telephone numbers to its network from a community currently homing on that Tandem.

5.4.6 AT&T-13STATE: For each NXX code used by either Party, the Party that owns the NXX must maintain network facilities (whether owned or leased) used to actively provide, in part, local Telecommunications Service in the geographic area assigned to such NXX code. If either Party uses its NXX Code to provide foreign exchange service to its customers outside of the geographic area assigned to such code, that Party shall be solely responsible to transport traffic between its foreign exchange service customer and such code's geographic area.

5.4.7 AT&T-13STATE will not block switched access customer traffic delivered to any AT&T-13STATE Tandem 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 that CLEC switch subtends in each LATA. In no event will AT&T-13STATE be required to route such traffic through more than one Tandem 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.

5.4.8 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. AT&T-13STATE shall pass through all information it receives from the originating carrier to CLEC. The Parties shall work together to identify the originating carrier of the unidentified traffic.

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 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 Local Interconnection Trunk Group. In such case, the 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 Tandem. Calls will be routed to AT&T-13STATE over Local Interconnection Trunk Groups and the Meet Point Trunk Group 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 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 the CLEC Offers Service. The CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group. This trunk group shall be set up as a one-way outgoing only and will utilize MF CAMA signaling or, where available, SS7 signaling. 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 trunks groups per 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 dedicated separate trunk groups for each Connecticut NPA and 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 set up as a one-way outgoing only by CLEC. 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 9-1-1 trunks and facilities between CLEC network and the AT&T-13STATE 9-1-1 Selective Routing Tandem to assure proper functioning of 9-1-1 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:

Number of Access Lines Served	*Number of Mass Calling Trunks*
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 +	*9 maximum*

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 ninety (90) 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, the 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 ASR's 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 the 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 36 Network Maintenance and Management of the General Terms and Conditions.

5.8 Operator Services/Directory Assistance Trunk Group(s)

5.8.1 If AT&T-13STATE provides Inward Assistance Operator Services for the CLEC, please see section 4.1 of Appendix INW for the trunking requirements to provide this service.

5.8.2 If AT&T-13STATE 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 set up 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 ASR's 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 set up as one-way outgoing only and utilizes Modified Operator Services Signaling (2 Digit ANI). The CLEC will have administrative control for the purpose of issuing ASR's 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 the 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 ASR's 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 ASR's 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 QUESTIONAIRE

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. FORECASTING RESPONSIBILITIES: AT&T-13STATE

6.1 CLEC agrees to provide an initial forecast for establishing the initial Interconnection facilities. AT&T-13STATE shall review this forecast and if it has any additional information that will change the forecast shall provide this information to CLEC. Subsequent 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. This forecast should include yearly forecasted trunk quantities for all appropriate trunk groups described in this Appendix for a minimum of three years. Parties agree to the use of Common Language Location Identification (CLLI) coding and Common Language Circuit Identification for Message Trunk coding (CLCI-MSG) 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. Analysis of trunk group performance, and ordering of relief if required, will be performed on a monthly basis at a minimum.

6.2 The semi-annual forecasts shall include:

6.2.1 Yearly forecasted trunk quantities (which include all trunks required in this Appendix ITR) 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) DS1's, 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 a forecast provided above to ensure efficient utilization of trunks. 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 and servicing the one way trunk groups terminating to the CLEC and the CLEC shall be responsible for forecasting and servicing the one way trunk groups terminating to AT&T-13STATE, unless otherwise specified in this Appendix. Standard trunk traffic engineering methods will be used by the parties

as described in Bell Communications Research, Inc. (TELCORDIA TECHNOLOGIES) document SR TAP 000191, Trunk Traffic Engineering Concepts and Applications.

6.4 If forecast quantities are in dispute, the Parties shall meet to reconcile the differences. If the meetings between the Parties do not resolve the issue, the dispute will be resolved in accordance with the procedures identified in the Dispute Resolution provisions set forth in Section 10 of the Agreement.

6.5 Each Party shall provide a specified point of contact for planning, forecasting and trunk servicing 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 (use 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 Tandem	1%
Local Direct End Office (Primary High)	ECCS*
Local Direct End Office (Final)	2%
IntraLATA	1%
Local/IntraLATA	1%
InterLATA (Meet Point) Tandem	0.5%
911	1%
Operator Services (DA/DACC)	1%
Operator Services (0+, 0-)	1%
Busy Line Verification-Inward Only	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 ASR's on two-way trunk groups. In AT&T CONNECTICUT where one-way trunks are used (as discussed in section 3.4), AT&T CONNECTICUT will issue ASRs for trunk groups for traffic that originates in AT&T CONNECTICUT and terminates to CLEC. The Parties agree that neither Party shall alter trunk sizing without first conferring with the other party.

8.2 Both Parties will jointly manage the capacity of Local Interconnection Trunk Groups. Both Parties may send a Trunk Group Service Request (TGSR) to the other Party to trigger changes to the Local Interconnection 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 the CLEC is responsible for issuing an ASR on all two-way trunk groups and one-way CLEC originating 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. The CLEC will issue an ASR within three (3) days after receipt and review of the TGSR. The CLEC will note "Service Affecting" On the ASR.

8.3.1.2 In a blocking situation AT&T-13STATE is responsible for issuing an ASR on one-way AT&T originating trunk groups to reduce measured blocking to design objective blocking levels based on analysis of trunk group data. If an ASR is not issued, the CLEC will issue a TSGR. AT&T 13-STATE will issue an ASR within three (3) days after receipt and review of the TGSR. AT&T-13 STATE will note "Service Affecting" on the ASR.

8.3.1.3 If an Alternate Final trunk group is at 75 % utilization, a TGSR is sent to the CLEC for the final and all subtending High Usage's that are contributing any amount of overflow to the Final route.

8.3.2 Underutilization

8.3.2.1 Underutilization of Interconnection trunks and facilities exists when provisioned capacity is greater than the current need. This over provisioning is an inefficient deployment and use of network resources and results in unnecessary costs. Those situations where more capacity exists than actual usage requires will be handled in the following manner:

8.3.2.1.1 If a trunk group is under 75 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 trunk group, which shall be left with not less than 25 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 Interconnection 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 for AT&T CALIFORNIA/AT&T NEVADA and 10 business days for AT&T SOUTHWEST REGION 5-STATE, AT&T MIDWEST REGION 5-STATE and AT&T CONNECTICUT 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 twenty (20) business days of issuance of the TGSR. The Parties will meet to resolve and mutually agree to the disposition of the TGSR.

8.3.2.1.4 If either Party does not receive an ASR, or if either Party does not respond to the TGSR by scheduling a joint discussion within the twenty (20) business day period, the Party initiating the TGSR will attempt to contact the other Party to schedule a joint planning discussion. If the other Party will not agree to meet within an additional five (5) business days and present adequate reason for keeping trunks operational, the Party initiating the TGSR will issue an ASR to resize the Interconnection trunks and facilities.

8.4 In all cases except a blocking situation, either Party upon receipt of a TGSR will issue an ASR to the other Party within twenty (20) business days for AT&T CALIFORNIA/AT&T NEVADA and (10) business days for AT&T SOUTHWEST REGION 5-STATE, AT&T MIDWEST REGION 5-STATE and AT&T CONNECTICUT after receipt of the TGSR.

8.4.1 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. If the meetings between the Parties do not resolve the issue, the dispute will be resolved in accordance with the procedures identified in the Dispute Resolution provisions set forth in Section 10 of the Agreement.

8.5 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

Interconnection or Meet Point Trunk Groups and service in an area, NXX code moves, re-homes, facility grooming, or network rearrangements.

8.5.1 Orders that comprise a project, i.e., greater than four (4) DS-1's, shall be submitted at the same time, and their implementation shall be jointly planned and coordinated.

8.6 Due dates for the installation of Local Interconnection and Meet Point Trunks covered by this Appendix shall be based on each of the AT&T-13STATE's intrastate Switched Access intervals. If either Party is unable to or not ready to perform Acceptance Tests, or is unable to accept the Local Interconnection Service Arrangement trunk(s) by the due date, that Party will provide a requested revised service due date that is no more than thirty (30) calendar days beyond the original service due date. If either Party requests a service due date change which exceeds the allowable service due date change period, the ASR must be canceled by the requesting Party. Should the requesting Party fail to cancel such an ASR, the other Party shall treat that ASR as though it had been canceled.

8.7 Trunk servicing responsibilities for OPERATOR SERVICES trunks used for stand-alone Operator Service or Directory Assistance are the sole responsibility of the CLEC.

8.8 TRUNK SERVICING – AT&T SOUTHWEST REGION 5-STATE Exceptions

8.8.1 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, as stated in 8.6. 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 minimally delay 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.

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

8.9.1 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-13 STATE 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 Each Party agrees to service trunk groups to the foregoing blocking criteria in a timely manner when trunk groups exceed measured blocking thresholds on an average time consistent busy hour for a twenty (20) business day study period. The Parties agree that twenty (20) business days is the study period duration objective. However, a study period on occasion 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.

9.2 Exchange of traffic data enables each Party to make accurate and independent assessments of trunk group service levels and requirements. Parties 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). These reports shall be made available at a minimum on a semi-annual basis upon request. Exchange of data on one-way groups is optional.

9.3 A trunk group utilization report (TIKI) is available upon request. The report is provided in a 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 attached to this Agreement.

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. 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 it 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.

APPENDIX INW

TABLE OF CONTENTS

1. INTRODUCTION 3
2. SERVICES 4
3. DEFINITIONS 4
4. RESPONSIBILITIES OF THE PARTIES 5
5. TOLL CENTER CODES 5
6. PRICING 5
7. MONTHLY BILLING 6
8. LIABILITY 6
9. TERMS OF APPENDIX 6

APPENDIX INW
(Inward Assistance Operator Services)

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions for Inward Assistance Operator Services for switched-based CLEC's or CLEC's leasing 251(c)(3) unbundled switched ports as provided by the applicable AT&T Inc. (AT&T) owned Incumbent Local Exchange Carrier (ILEC) and CLEC. Notwithstanding anything to the contrary contained herein, this Appendix shall not be binding and shall have no force and effect until CLEC notifies AT&T-13STATE in a writing, executed by a duly authorized officer, that it intends to obtain inward assistance operator services from AT&T-13STATE.

1.2 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, L.P. 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.

1.3 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.

1.4 AT&T-4STATE - As used herein, AT&T-4STATE means Southwestern Bell Telephone, L.P. 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.

1.5 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.

1.6 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.

1.7 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.

1.8 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.

1.9 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.

1.10 AT&T ARKANSAS - As used herein, AT&T ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Arkansas, the applicable AT&T-owned ILEC doing business in Arkansas.

1.11 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.

1.12 AT&T CONNECTICUT - As used herein, AT&T CONNECTICUT means The Southern New England Telephone Company d/b/a AT&T Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.13 AT&T KANSAS - As used herein, AT&T KANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Kansas, the applicable AT&T-owned ILEC doing business in Kansas.

1.14 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.

1.15 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.

1.16 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 doing business in Michigan.

1.17 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.

1.18 AT&T MISSOURI - As used herein, AT&T MISSOURI means Southwestern Bell Telephone, L.P. d/b/a AT&T Missouri, the applicable AT&T-owned ILEC doing business in Missouri.

1.19 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.

1.20 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.

1.21 AT&T OKLAHOMA - As used herein, AT&T OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a AT&T Oklahoma, the applicable AT&T-owned ILEC doing business in Oklahoma.

1.22 AT&T SOUTHWEST REGION 5-STATE - As used herein, AT&T SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone, L.P. 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.

1.23 AT&T TEXAS – As used herein, AT&T TEXAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Texas, the applicable AT&T-owned ILEC doing business in Texas.

1.24 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. SERVICES

2.1 Where technically feasible and/or available, AT&T-13STATE Inward Assistance Operator will provide the following assistance or services when reached by an operator dialing the appropriate Toll Center Code in addition to the inward code.

2.1.1 General Assistance on calls where an attempt to connect the call is required by a local operator.

2.1.2 Busy Line Verification (BLV) service and Busy Line Verification/Interrupt (BLV/I) service.

3. DEFINITIONS

3.1 "General Assistance" - A service in which an operator calls the Inward Assistance operator seeking assistance in dialing a number. The assistance could be required, for example, for attempting to dial a number where a 'no ring' condition has been encountered.

3.2 "Busy Line Verification" - A service in which an operator asks the Inward Assistance operator to verify a conversation in progress.

3.3 "Busy Line Verification/ Interrupt" - A service in which an operator asks the Inward Assistance operator to interrupt a conversation in progress, to determine if one of the parties is willing to speak to the caller requesting the interrupt.

3.4 "Toll Center Code" - Refers to a three digit Access Tandem Code (ATC) code that uniquely identifies a tandem switch in the Local Exchange Routing Guide (LERG) designated as providing access to operator services functions. An operator dials the appropriate area code + ATC + OPR SVC CODE to obtain Inward Assistance.

3.5 "Operator Service Code" - Refers to the operator dialable code assigned in the LERG for Inward Assistance.

4. RESPONSIBILITIES OF THE PARTIES

4.1 To the extent that a Party elects, in its sole discretion, to interconnect with the other Party's Operator assistance switches, the Parties' responsibilities are described below:

4.1.1 It is the responsibility of the CLEC to order the necessary facilities to interconnect with AT&T-13STATE's Operator assistance switch(es). It is the responsibility of AT&T-13STATE to provide the necessary facilities to the CLEC's point of presence in the local exchange area/LATA to interconnect with the CLEC's Operator assistance switches.

4.1.2 The CLEC will initiate an ASR for a one-way trunk group from its designated Operator assistance switch to the AT&T-13STATE Operator assistance switch utilizing MF signaling. Likewise, AT&T-13STATE will initiate an ASR for a one-way MF signaling trunk group from its Operator assistance switch to the CLEC's designated Operator assistance switch.

4.2 CLEC will furnish request for service in writing to AT&T-13STATE, thirty calendar (30) days in advance of the date when the Inward Assistance Operator Services are to be undertaken, unless otherwise agreed to by AT&T-13STATE. CLEC or its designated operator services providers shall submit Access Service Requests (ASRs) to AT&T-13STATE to establish any new interconnection trunking arrangements.

4.3 The requester of this Inward Assistance Operator Services service agreement must provide one Carrier Identification Code (CIC) for its CLEC or Independent Exchange Carrier business operation and one for its InterExchange Carrier (IXC) business operation if the requesting company wishes to receive billing data in a format that separates the service provided to the two business operations.

5. TOLL CENTER CODES

5.1 Toll Center Codes will be used by the CLEC Operators for routing and connecting to the AT&T-13STATE Operator assistance switches. These codes are specific to the various AT&T-13STATE LATA's where AT&T-13STATE Operator assistance switches are located.

5.2 AT&T-13STATE Operator Services will require a Toll Center Code for the CLEC Operator Services assistance switch. This code will be the routing code used for connecting the AT&T-13STATE Operator to the CLEC Operator on an Inward basis.

5.3 If the CLEC requires establishment of a new Toll Center Code, CLEC shall do so by referencing the Local Exchange Routing Guide (LERG).

6. PRICING

6.1 AT&T-12STATE - Pricing for Inward Assistance Operator Services shall be based on the rates specified in the applicable Appendix Pricing (Operator work seconds) and/or the applicable Commissioned ordered tariff where stated.

7. MONTHLY BILLING

7.1 AT&T-13STATE will render monthly billing statements to CLEC, and remittance in full will be due within thirty (30) days of receipt. CLEC will render monthly billing to AT&T-13STATE and remittance in full will be due within thirty (30) days of receipt.

8. LIABILITY

8.1 The CLEC agrees to defend and hold harmless AT&T-13STATE from any and all losses, damages, or other liability including attorneys fees that the carrier may incur as a result of claims, demands, wrongful death actions, or other suits brought by any party that arise out of the carrier's operator use of Inward Assistance Operator Services on the behalf of the carrier's End Users. The CLEC shall defend against all end user claims just as if the carrier operator had provided such service to its end user directly and shall assert its tariff limitation of liability for benefit of both AT&T-13STATE and carrier.

8.2 The CLEC also agrees to release, defend and hold harmless AT&T-13STATE from any claim, demand or suit that asserts any infringement or invasion of privacy or confidentiality of any person or persons caused or claimed to be caused, directly, or indirectly, by AT&T-13STATE employees and equipment associated with provision of the Inward Assistance Operator Services. This provision includes but is not limited to suits, claims, and demands arising from disclosure of the telephone number, address, or name associated with the telephone called.

9. TERMS OF APPENDIX

9.1 Subject to the limitations set forth in Section 1.1. above, this Appendix will continue in force for the length of the Interconnection Agreement, but no less than twelve (12) months. At the expiration of the term of the Interconnection Agreement to which this Appendix is attached or twelve (12) months, whichever occurs later, either Party may terminate this Appendix upon one hundred-twenty (120) calendar days written notice to the other Party.

9.2 If the CLEC terminates this Appendix prior to the expiration of the term of this Appendix, CLEC shall pay AT&T-13STATE, within thirty (30) days of the issuance of any bills by AT&T-13STATE, all amounts due for actual services provided under this Appendix, plus estimated monthly charges for the remainder of the term. Estimated charges will be based on an average of the actual monthly amounts billed by AT&T-13STATE pursuant to this Appendix prior to its termination.

9.3 The rates applicable for determining the amount(s) under the terms outlined in this Section are those specified in Appendix Pricing.

APPENDIX INW

EXHIBIT I

SERVING AREA

OPERATOR SERVICES PROVIDER LOCATION:

CLEC SWITCH SERVING LOCATIONS:

CITY	NPA-NXX	LATA

ADDITIONAL SHEETS SHOULD BE ADDED AS REQUIRED.

APPENDIX NIM
(NETWORK INTERCONNECTION METHODS)

TABLE OF CONTENTS

1. INTRODUCTION....3
2. NETWORK INTERCONNECTION ARCHITECTURE PLAN....5
3. METHODS OF INTERCONNECTION....7
4. RESPONSIBILITIES OF THE PARTIES....8
5. LEASING OF FACILITIES....9
6. OUT OF EXCHANGE TRAFFIC....9

APPENDIX NIM
(NETWORK INTERCONNECTION METHODS)

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions that Network Interconnection Methods (NIM) is provided by the applicable AT&T Inc. (AT&T) owned Incumbent Local Exchange Carrier (ILEC) and CLEC. This Appendix describes the physical architecture for Interconnection of the Parties' facilities and equipment for the transmission and routing of Telephone Exchange Service traffic and Exchange Access traffic between the respective Customers of the Parties pursuant to Section 251(c)(2) of the Act; provided, however, Interconnection may not be used solely for the purpose of originating a Party's own interexchange traffic.

1.1.1 This Appendix NIM shall establish financial responsibility for facilities that carry Local Interconnection Trunk Groups for the exchange of Section 251(b)(5)/IntraLATA Toll Traffic. Any charges associated with any ancillary and/or Meet Point Trunk Groups shall be established in applicable Appendices.

1.2 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, L.P. 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.

1.3 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.

1.4 AT&T-4STATE - As used herein, AT&T-4STATE means Southwestern Bell Telephone, L.P. 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.

1.5 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.

1.6 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.

1.7 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.

1.8 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.

1.9 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.

1.10 AT&T ARKANSAS - As used herein, AT&T ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Arkansas, the applicable AT&T-owned ILEC doing business in Arkansas.

1.11 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.

1.12 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.

1.13 AT&T KANSAS - As used herein, AT&T KANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Kansas, the applicable AT&T-owned ILEC doing business in Kansas.

1.14 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.

1.15 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.

1.16 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 doing business in Michigan.

1.17 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.

1.18 AT&T MISSOURI - As used herein, AT&T MISSOURI means Southwestern Bell Telephone, L.P. d/b/a AT&T Missouri, the applicable AT&T-owned ILEC doing business in Missouri.

1.19 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.

1.20 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.

1.21 AT&T OKLAHOMA - As used herein, AT&T OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a AT&T Oklahoma, the applicable AT&T-owned ILEC doing business in Oklahoma.

1.22 AT&T SOUTHWEST REGION 5-STATE - As used herein, AT&T SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone, L.P. 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.

1.23 AT&T TEXAS – As used herein, AT&T TEXAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Texas, the applicable AT&T-owned ILEC doing business in Texas.

1.24 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.

1.25 Network Interconnection Methods (NIMs) include, but are not limited to, Physical Collocation; Virtual Collocation; Leased Facilities from a third party; Fiber Meet Point; and other methods as mutually agreed to by the Parties. One or more of these methods may be used to effect the Interconnection.

1.25.1 Trunking requirements associated with Interconnection are contained in Appendix ITR.

1.25.2 The terms and conditions associated with access to 251(c)(3) Unbundled Network Elements (251(c)(3) UNEs) are not found in Appendix NIM, but are contained in Appendix 251(c)(3) UNEs. AT&T CONNECTICUT Unbundled Network Elements are offered via the Connecticut Access Tariff.

1.26 AT&T-13STATE shall provide Interconnection for CLEC's facilities and equipment for the transmission and routing of telephone exchange service and exchange access, at a level of quality that is equal to that which AT&T-13STATE provides itself, a subsidiary, an affiliate, or any other party to which AT&T-13STATE provides Interconnection and on rates, terms and conditions that are just, reasonable and non-discriminatory.

1.27 The Parties shall effect an Interconnection that is efficient, fair and equitable with each party being financially responsible for the Interconnection facilities on its own side of the POI or in any other manner that is mutually agreeable to the Parties.

2. NETWORK INTERCONNECTION ARCHITECTURE PLAN

2.1 Points of Interconnection (POIs): A 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, also serves as a demarcation point between the facilities that each Party is responsible to provide. In many cases multiple POI(s) will be necessary to balance the facilities investment and provide the best technical implementation of Interconnection requirements to each Tandem within an exchange area and/or a LATA. Both parties shall negotiate the architecture in each location that will seek to mutually minimize and equalize investment. In a multiple POI arrangement, each party is financially responsible for the facilities used to originate and terminate traffic on its side of the POI.

2.2 A "Tandem Serving Area" or "TSA" is an AT&T 13-STATE area defined by the sum of all AT&T 13-STATE End Office Switch(es) that subtend an AT&T 13-STATE tandem as defined in the LERG.

2.3 CLEC shall interconnect to AT&T13-STATE's network in accordance with the following:

2.3.1 AT&T-13STATE shall permit CLEC to interconnect at any technically feasible point within AT&T-13STATE's network, including, without limitation, tandem buildings and/or End Office buildings. The point(s) where the parties interconnect for the exchange of traffic under this Agreement shall be called a Point (or Points) of Interconnection ("POI"). Traffic exchanged under this Agreement shall include Section 251(b)(5)/IntraLATA Toll Traffic and Meet Point traffic.

2.4 Types of Points of Interconnection

2.4.1 The Parties will interconnect their network facilities at a minimum of one CLEC designated Point of Interconnection (POI) within AT&T 13-STATE's network in the LATA where CLEC Offers Service.

2.4.1.1 A "Single POI" is a single point of interconnection within a LATA on AT&T 13-STATE's network that is established to interconnect AT&T 13-STATE's network and CLEC's network for the exchange of Section 251(b)(5)/IntraLATA Toll Traffic.

2.4.1.2 The Parties agree that CLEC has the right to choose a Single POI or multiple POIs.

2.4.1.3 When CLEC has established a Single POI (or multiple POIs) in a LATA, CLEC agrees to establish an additional POI:

(i) at an AT&T 13-STATE TSA separate from the existing POI arrangement when traffic through the existing POI arrangement to that AT&T 13-STATE TSA exceeds twenty-four (24) DS1s at peak over three (3) consecutive months, or

(ii) at an AT&T 13-STATE End Office in a local calling area not served by an AT&T 13-STATE tandem for Section 251(b)(5)/IntraLATA Toll Traffic when traffic through the existing POI arrangement to that local calling area exceeds twenty-four (24) DS1s at peak over three (3) consecutive months.

2.4.1.4 The additional POI(s) will be established within 90 calendar days of notification that the threshold has been met.

2.5 Each party will be financially responsible for providing all of the facilities and engineering for its network on its respective side of each POI.

2.6 In the event that CLEC Offers Service within a LATA using a switch located in another LATA, CLEC agrees to be financially responsible for the transport for both Parties' traffic between the remote CLEC switch and a Point of Interconnection (POI) established by CLEC in the AT&T 13-STATE Network within the LATA in which CLEC Offers Service.

2.7 The Parties will work cooperatively to establish the most efficient trunking network in accordance with the provisions set forth in this Agreement and accepted industry practices.

2.8 AT&T-13STATE's network is partly comprised of End Office switches, 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. AT&T-13STATE's network architecture in any given local exchange area and/or LATA can vary markedly from another local exchange area/LATA. Using one or more of the NIMs herein, the Parties will agree to a physical architecture plan for a specific Interconnection area. Due to differing state regulatory calling scope requirements, AT&T SOUTHWEST REGION 5-STATE requires a Point of Interconnection (POI) in each local exchange area, while AT&T CONNECTICUT, AT&T 2-STATE, and AT&T MIDWEST REGION 5-STATE require at least one POI in a LATA. The physical architecture plan will, at a minimum, include the location of CLEC's switch(es) and AT&T-13STATE's End Office switch(es) and/or Tandem switch(es) to be interconnected, the facilities that will connect the two networks and which Party will provide (be financially responsible for) the Interconnection facilities. At the time of implementation in a given local exchange area the plan will be documented and signed by appropriate representatives of the Parties, indicating their mutual agreement to the physical architecture plan.

2.9 The Parties agree to meet as often as necessary to negotiate the selection of new POIs. Criteria to be used in determining POIs for each geography (LATA, tandem area, etc.) include existing facility capacity, location of existing POIs, traffic volumes, relative costs, future capacity needs, etc. Agreement to the location of POIs is based on the network architecture existing at the time the POI(s) is/are negotiated. In the event either Party makes subsequent changes to its network architecture, including but not limited to trunking changes or adding new switches, then the Parties will have the option to negotiate new POIs. The mutually agreed to POIs will be documented and distributed to both Parties.

2.10 Each Party is responsible for the facilities to its side of the negotiated POI(s) and may utilize any method of Interconnection described in this Appendix. Each Party is responsible for the appropriate sizing, operation, and maintenance of the transport facility to the POI(s). The parties agree to provide sufficient facilities for the Interconnection trunk groups required in Appendix ITR for the exchange of traffic between CLEC and AT&T-13STATE.

2.11 Either Party, must provide thirty (30) days written notice of any intent to change to the physical architecture plan.

2.12 CLEC is solely responsible for the facilities that carry OS/DA, E911, mass calling and Meet-Point Trunk Groups as specified in Appendix ITR.

2.13 If CLEC has established Collocation in an AT&T 13-STATE End Office, the facility for the Direct End Office Trunks (DEOTS) to that End Office shall be the financial responsibility of CLEC.

2.14 Technical Interfaces

2.14.1 The Interconnection facilities provided by each Party shall be formatted using either Alternate Mark Inversion (AMI) line code with Superframe format framing or Bipolar 8 Zero Signaling (B8ZS) with Extended Superframe format framing or any mutually agreeable line coding and framing.

2.14.2 Electrical handoffs at the POI(s) will be at the DS1 or DS3 level. When a DS3 handoff is agreed to by the Parties, AT&T-13STATE will provide at its expense any multiplexing required for DS1 facilities or trunking at their end and CLEC will provide at its expense any DS1 multiplexing required for facilities or trunking at their end.

2.14.3 When the Parties demonstrate the need for Optical handoffs at the OC-n level, the parties will meet to negotiate specific Optical handoff needs.

3. METHODS OF INTERCONNECTION

3.1 Physical Collocation

3.1.1 When CLEC provides their own facilities or uses the facilities of a third party to a AT&T-13STATE Tandem or End Office and wishes to place their own transport terminating equipment at that location, CLEC may Interconnect using the provisions of Physical Collocation as set forth in Appendix Physical Collocation including the placement of CLEC's own cable facilities by CLEC between CLEC's collocated equipment and AT&T-13STATE's fiber distribution frame or other point of interconnection on AT&T-13STATE's network.

3.2 Virtual Collocation

3.2.1 When CLEC provides their own facilities or uses the facilities of a third party to a AT&T-13STATE Tandem or End Office and wishes for AT&T-13STATE to place transport terminating equipment at that location on the CLEC's behalf, they may Interconnect using the provisions of Virtual Collocation as set forth in Appendix Virtual Collocation including the placement of CLEC's own cable between CLEC's collocated equipment and AT&T-13STATE's fiber distribution frame or other point of interconnection on AT&T-13STATE's network . Virtual Collocation allows CLEC to choose the equipment vendor and does not require that CLEC be Physically Collocated.

3.3 Leased Facility

3.3.1 CLEC may lease facilities from a third party or may purchase facilities from AT&T-13STATE at the applicable access tariff rates.

3.4 Fiber Meet Point

3.4.1 Fiber Meet Point Interconnection between AT&T-13STATE and CLEC can occur at any technically feasible point at an AT&T-13STATE Tandem or End Office building within each local exchange area (AT&T SOUTHWEST REGION 5-STATE) or LATA (AT&T MIDWEST REGION 5-STATE, AT&T CONNECTICUT, and AT&T 2-STATE).

3.4.2 When the Parties agree to interconnect their networks pursuant to the Fiber Meet Point, a single linear point-to-point linear chain SONET system must be utilized. Only Interconnection trunking shall be provisioned over this jointly provided facility.

3.4.3 Neither Party will be allowed to access the Data Communications Channel ("DCC") of the other Party's Fiber Optic Terminal (FOT). The Fiber Meet Point will be designed so that each Party may, as far as is technically feasible, independently select the transmission, multiplexing, and fiber terminating equipment to be used on its side of the POI(s). The Parties will work cooperatively to achieve equipment and vendor compatibility of the FOT equipment.

3.4.4 Requirements for such Interconnection specifications will be defined in joint engineering planning sessions between the Parties. The Parties may share the investment of the fiber as mutually agreed.

3.4.5 In addition to the semi-annual trunk forecast process, discussed in Appendix ITR, discussions to provide relief to existing facilities can be initiated by either party. Actual system augmentations will be initiated only upon mutual agreement which will not be unreasonably withheld to ensure adequate

facilities exist for the forecasted traffic volumes. Facilities will be planned for to accommodate the verified and mutually agreed upon trunk forecast.

3.4.6 Both Parties will negotiate a project service date and corresponding work schedule to construct relief facilities prior to facilities exhaust.

3.4.7 There is one basic Fiber Meet design option. Additional arrangements may be mutually developed and agreed to by the Parties pursuant to the requirements of this section.

3.4.7.1 Design One*:* CLEC will provide fiber cable to the last entrance (or AT&T-13STATE designated) manhole at the AT&T-13STATE Tandem, or End Office building AT&T-13STATE shall make all necessary preparations to receive and to allow and enable CLEC to deliver fiber optic facilities into that manhole. CLEC will provide a sufficient length of Fiber cable for AT&T-13STATE to pull through the AT&T-13STATE cable vault. CLEC shall deliver and maintain such strands wholly at its own expense up to the POI. AT&T-13STATE shall take the fiber from the manhole and terminate it inside AT&T-13STATE's office at the cable vault at AT&T-13STATE's expense. In this case the POI shall be at the AT&T-13STATE designated manhole location.

3.4.8 Intentionally Left Blank

3.4.9 Intentionally Left Blank

3.4.10 AT&T-13STATE and CLEC shall, solely at their own expense, procure, install, and maintain the agreed-upon FOT equipment in each of their locations where the Parties established a Fiber Meet in capacity sufficient to provision and maintain all trunk groups prescribed by Appendix ITR for the purposes of Interconnection.

3.4.11 Each Party shall provide its own source for the synchronized timing of its FOT equipment.

3.4.12 CLEC and AT&T-13STATE will mutually agree on the capacity of the FOT(s) to be utilized based on equivalent DS1s or DS3s. Each Party will also agree upon the optical frequency and wavelength necessary to implement the Interconnection. The Parties will develop and agree upon methods for the capacity planning and management for these facilities, terms and conditions for over provisioning facilities, and the necessary processes to implement facilities as indicated in section 4 of this document.

3.5 Other Interconnection Methods

3.5.1 Other Interconnection methods that are technically feasible may be mutually agreed to by the Parties.

4. RESPONSIBILITIES OF THE PARTIES

4.1 For each local Interconnection within an AT&T-13STATE area, CLEC shall provide written notice to AT&T-13STATE of the need to establish Interconnection in each local exchange area (AT&T SOUTHWEST REGION 5-STATE) or LATA (AT&T 2-STATE, AT&T CONNECTICUT, and AT&T MIDWEST REGION 5-STATE). CLEC shall provide all applicable network information on forms acceptable to AT&T-13STATE (as set forth in AT&T's CLEC Handbook, published on the CLEC website.)

4.2 Upon receipt of CLEC's notice to interconnect, the Parties shall schedule a meeting to negotiate and mutually agree on the network architecture (including trunking) to be documented as discussed in Section 2.1. The Interconnection activation date for an Interconnect shall be established based on then-existing force and load, the scope and complexity of the requested Interconnection and other relevant factors.

4.3 Either party may add or remove additional switches. The parties shall provide 120 days written notice to establish such Interconnection; and the terms and conditions of this agreement will apply to such Interconnection.

4.4 The Parties recognize that a facility handoff point must be agreed to that establishes the demarcation for maintenance and provisioning responsibilities for each party on their side of the POI.

4.5 Facilities will be planned for in accordance with the trunk forecasts exchanged between the Parties as described in Appendix ITR.

5. INTENTIONALLY OMITTED

6. OUT OF EXCHANGE TRAFFIC

6.1 Out of Exchange traffic shall be consistent with the Appendix Out of Exchange Traffic attached to this agreement.

APPENDIX NUMBER PORTABILITY

TABLE OF CONTENTS

1. INTRODUCTION..... 3
2. PERMANENT NUMBER PORTABILITY (PNP)..... 3
3. MASS CALLING CODES..... 5
4. SPNP QUERY..... 6

APPENDIX NP
(NUMBER PORTABILITY)

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions for Number Portability mutually provided by the applicable AT&T Inc. (AT&T) owned Incumbent Local Exchange Carrier (ILEC) and CLEC.

1.2 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, L.P. 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.

1.3 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.

1.4 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.

1.5 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.

1.6 AT&T CONNECTICUT - As used herein, AT&T CONNECTICUT means The Southern New England Telephone Company d/b/a AT&T Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.7 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.

1.8 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.

1.9 AT&T SOUTHWEST REGION 5-STATE - As used herein, AT&T SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone, L.P. 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.

2. PERMANENT NUMBER PORTABILITY (PNP)

2.1 General Terms and Conditions

2.1.1 The Parties agree that the industry has established local routing number (LRN) technology as the method by which permanent number portability (PNP) will be provided in response to FCC Orders in CC Docket No. 95-116 (i.e., First Report and Order and subsequent Orders issued to the date this agreement was signed). As such, the parties agree to provide PNP via LRN to each other as required by such FCC Orders or Industry agreed upon practices.

2.1.2 Other than as specifically set out elsewhere in this agreement, AT&T CONNECTICUT does not offer PNP under this agreement. Rather, PNP is available as described in Section 14 of the Connecticut Tariff FCC No. 39.

2.2 The Parties shall:

2.2.1 disclose, upon request, any technical limitations that would prevent LNP implementation in a particular switching office; and

2.2.2 provide PNP services and facilities only where technically feasible, subject to the availability of facilities, and only from properly equipped central office.

2.3 Obligations of AT&T-12STATE

2.3.1 AT&T CALIFORNIA/AT&T NEVADA/AT&T-AT&T MIDWEST REGION 5-STATE/AT&T SOUTHWEST REGION 5-STATE has deployed LRN in all of their switches.

2.3.2 AT&T-13STATE will open unrestricted non portable codes within 180 days of the receipt of a BFR (bona fide request). A sample BFR is provided in Exhibit 1.

2.3.3 AT&T-12STATE may cancel any line-based calling cards associated with telephone numbers ported from their switch.

2.4 Obligations of CLEC

2.4.1 The CLEC is responsible for advising the Number Portability Administration Center (NPAC) of telephone numbers that it imports and the associated data as identified in industry forums as being required for PNP.

2.4.2 After the initial deployment of PNP in a mandated MSA, CLEC shall submit a BFR (see EXHIBIT 1) to request that a AT&T SOUTHWEST REGION 5-STATE switch in that MSA become LRN capable. The requested switch will be made LRN capable within the time frame stipulated by the FCC.

2.4.3 Intentionally Left Blank

2.4.4 CLEC shall be certified by the Regional NPAC prior to scheduling Intercompany testing of PNP.

2.4.5 CLEC shall adhere to AT&T-12STATE's Local Service Request (LSR) format and PNP due date intervals.

2.5 Obligations of Both Parties

2.5.1 When a ported telephone number becomes vacant, e.g., the telephone number is no longer in service by the original End User, the ported telephone number will be released back to the carrier owning the switch in which the telephone number's NXX is native.

2.5.2 Each party has the right to block default routed calls entering a network in order to protect the public switched network from overload, congestion, or failure propagation so long as such blocking is done in accordance with Neustar or other applicable industry guidelines.

2.5.3 Industry guidelines shall be followed regarding all aspects of porting numbers from one network to another.

2.5.4 Intracompany testing shall be performed prior to the scheduling of intercompany testing.

2.5.5 Each Party will designate a single point of contact (SPOC) to schedule and perform required testing. These tests will be performed during a mutually agreed time frame and must meet the criteria set forth by the InterIndustry LNP Regional Team for porting.

2.5.6 Each Party shall abide by NANC and the InterIndustry LNP Regional Team provisioning and implementation process.

2.5.7 Each Party shall become responsible for the End User's other telecommunications related items, e.g. E911, Directory Listings, Operator Services, Line Information Database (LIDB), when they port the End User's telephone number to their switch, to the extent that the winning carrier is the "Retail" provider of the End User's service. If the winning carrier is not the 'Retail' provider of End User's service, it will be the "Retail" provider's responsibility to supply the telecommunications related items. Neither Party will port a number into its network on behalf of a third party, knowing that the telecommunications related items above are not being cared for.

2.5.8 Each party shall adhere to the reserved number terms and conditions pursuant to Appendix Numbering.

2.6 Limitations of Service

2.6.1 Telephone numbers can be ported only within AT&T CALIFORNIA/AT&T NEVADA/AT&T SOUTHWEST REGION 5-STATE toll rate centers / AT&T MIDWEST REGION 5-STATE rate centers or rate districts, which ever is a smaller geographic area, as approved by State Commissions.

2.6.2 Telephone numbers in the following AT&T-12STATE NXXs shall not be ported: (i) AT&T-12STATE Official Communications Services (OCS) NXXs; and (iii) 555, 976, 950.

2.6.3 Telephone numbers with NXXs dedicated to choke/High Volume Call-In (HVCI) networks are not portable via LRN. Choke numbers will be ported as described in Section 5 of this Appendix.

2.7 Service Descriptions

2.7.1 The switch's LRN software determines if the called party is in a portable NXX. If the called party is in a portable NXX, a query is launched to the PNP database to determine whether or not the called number is ported.

2.7.2 When the called number with a portable NXX is ported, an LRN is returned to the switch that launched the query. Per industry standards, the LRN appears in the CdPN (Called Party Number) field of the SS7 message and the called number then appears in the GAP (Generic Address Parameter) field.

2.7.3 When the called number with a portable NXX is not ported, the call is completed as in the pre-PNP environment.

2.7.4 The FCI (Forward Call Identifier) field's entry is changed from 0 to 1 by the switch triggering the query when a query is made, regardless of whether the called number is ported or not.

2.7.5 The CLEC shall populate the Jurisdictional Identification Parameter (JIP) field with the first six (6) digits (NPA NXX format) of the appropriate LRN of the originating switch.

2.8 Pricing

2.8.1 Except as set forth in Section 4, the parties agree not to charge each other for ordering, provisioning, or conversion of ported telephone numbers as a means for the other to recover the costs associated with LNP. Notwithstanding the foregoing, AT&T-12STATE may charge CLEC LNP end user surcharges, provided that the conditions set forth in 47 CFR § 52.33 are met.

3. MASS CALLING CODES

3.1 General Terms and Conditions

3.1.1 Mass calling codes, i.e., choke/HVCI NXXs, are used in a network serving arrangement provided by AT&T-12STATE in special circumstances where large numbers of incoming calls are solicited by an End User and the number of calls far exceeds the switching capacity of the terminating office, the number of lines available for terminating those calls, and/or the STP's query capacity to the PNP database. The following two different sets of End User objectives usually create this condition: (a) low call completion; and (b) high call completion.

3.1.2 Given the potentially hazardous effect calling conditions of this nature could have on the network, AT&T-12STATE will provide mass calling code portability using a non-LRN solution.

3.2 Service Provided

3.2.1 AT&T-12STATE will offer the ability to port telephone numbers with mass calling NXX codes via the use of pseudo codes or route index numbers. In this non-LRN scenario, calls to the AT&T-12STATE mass calling NXX code will leave the originating end office over dedicated MF (multi-

frequency) trunk groups to the AT&T-12STATE mass calling tandem and/or AT&T MIDWEST REGION 5-STATE mass calling hub. The mass calling tandem will then route the calls over dedicated MF trunks to the AT&T-12STATE choke serving central office (CSO). The CSO will translate the dialed mass calling number to a non-dialable pseudo code or a route index number that routes the call to the mass calling customer.

3.2.2 When a CLEC requests that a AT&T-12STATE number with a mass calling NXX code be ported to its network, AT&T-12STATE will build translations at the CSO to route the incoming calls to a CLEC provided dedicated Direct Inward Dial (DID) MF trunk group from the CSO to the CLEC central office.

3.3 Obligations of AT&T-12STATE

3.3.1 AT&T-12STATE will port its numbers with mass calling NXXs upon request by the CLEC. Non-LRN porting will be done via pseudo code or route index translation in the AT&T-12STATE CSO rather than STP queries to the PNP database. This method of porting mass call numbers will be used during both INP and PNP period in each market.

3.3.2 AT&T-12STATE will not charge the CLEC for the use of its choke network by the CLEC's mass calling customer. AT&T-12STATE and CLEC will not bill each other the switching element of intercarrier compensation for calls terminating in each other's choke network.

3.4 Obligations of CLEC

3.4.1 CLEC shall agree to adhere to AT&T-12STATE LSR format and mass calling due date intervals.

3.4.2 The CLEC shall provide the facility and DID trunk group from the AT&T-12STATE CSO to the CLEC's serving office. The CLEC shall size this one-way MF trunk group.

3.4.3 AT&T-12STATE and CLEC will not bill each other the switching element of intercarrier compensation for calls terminating in each other's choke network.

3.5 CLEC Mass Calling Codes

3.5.1 Should the CLEC assign a mass calling NXX code(s) and establish a mass calling interface for traffic destined to its CSO(s), the CLEC shall home its CSO(s) on a AT&T-12STATE mass calling tandem and a similar mass calling trunking arrangement (one-way outgoing with MF signaling) will be provided from AT&T-12STATE's tandem and/or AT&T MIDWEST REGION 5-STATE mass calling hub to the CLEC. In order to allow the Parties time to order and install such mass calling trunks, the CLEC shall provide AT&T-12STATE notification of its intention to deploy mass calling NXX code(s) at least ninety (90) days before such codes are opened in the LERG. For more information regarding this mass local interconnection trunk group, See Appendix ITR.

3.5.2 MF SS7 trunk groups shall not be provided within a DS1 facility. A separate DS1 facility per signaling type must be used. Where AT&T-12STATE and CLEC both provide mass calling trunking, both Parties' mass calling trunks may ride the same DS1 facility.

4. SPNP QUERY SERVICE

4.1 The N-1 carrier (N carrier is the responsible Party for terminating call to the End User) has the responsibility to determine if a query is required, to launch the query, and to route the call to the switch or network in which the telephone number resides.

4.2 If CLEC chooses not to fulfill its N-1 carrier responsibility, AT&T-12STATE will perform default queries on calls to telephone numbers with portable NXXs received from the N-1 carrier and route the call to the switch or network in which the telephone number resides. In such event, AT&T-12STATE will charge and CLEC agrees to pay the default queries charges set forth in:

4.2.1 AT&T MIDWEST REGION 5-STATE - Section 6 of the FCC No. 2 Access Services Tariff

4.2.2 AT&T NEVADA - Section 19 of the FCC No. 1 Access Services Tariff

4.2.3 AT&T CALIFORNIA – Section 13 of the FCC No. 1 Access Services Tariff

4.2.4 AT&T SOUTHWEST REGION 5-STATE – Section 34 of the FCC No. 73 Access Services Tariff.

4.3 AT&T-12STATE provides CLECs the optional use of the AT&T-12STATE LNP database via the SPNP Query Service-Database. When CLEC orders SPNP Query Service-Database, AT&T-12STATE shall charge and CLEC agrees to pay the SPNP Query Service-Database service charges set forth in the appropriate tariff cited in 4.2 above. The CLEC's Signal Transfer Point (STP), tandem, and/or end office's LRN software will determine the need for, and triggers, the query. AT&T-12STATE's LNP database will determine if a number has, or has not, been ported and will provide LRN if a number is ported.

4.4 When purchasing the SPNP Query Service - Database, CLEC will access AT&T-12STATE s facilities via an SS7 link to the AT&T-12STATE STP.

4.5 When purchasing the SLNP Query Service - Database, CLEC will advise AT&T-12STATE of the entry point(s) of queries to the AT&T-12STATE network and provide a query forecast for each entry point.

EXHIBIT 1

PERMANENT NUMBER PORTABILITY (PNP)
BONA FIDE REQUEST (BFR) PROCESS

The Permanent Number Portability (PNP) Bona Fide Request (BFR) is a process that Competitive Local Exchange Carrier (CLECs) shall use to request that PNP be deployed in a Metropolitan Statistical Area (MSA) beyond the 100 largest MSAs in the country and additional switch(es) in an MSA in which PNP has been deployed.

Per the FCC First Report and Order and Further Notice Of Proposed Rulemaking (July, 1996, ¶80), CLEC can request that PNP be deployed in additional MSAs beginning January 1, 1999. AT&T-13STATE is to provide PNP in that MSA in the requested switches within six (6) months of receipt of BFR.

Per the FCC's First Memorandum Opinion And Order On Reconsideration (March 1997, ¶65,66), switches that were not requested to be PNP capable in the initial PNP deployment in the top 100 MSAs can be requested to be made PNP capable. The following time frames begin after an MSA's Phase end date has been reached:

equipped remote switches within 30 days
hardware capable switches within 60 days
capable switches requiring hardware within 180 days
non-capable switches within 180 days

These time frames begin after the receipt of a BFR.

REQUEST FOR INSTALLATION OF PNP SOFTWARE

The request to make one or more switches in an MSA PNP capable shall be made in the form of a letter or the form on pages 3 through 5 of this Attachment from CLEC to its AT&T-13STATE Account Manager which shall specify the following:

The MSA in which requested switch(es) are located.

The switch(es), by CLLI code, that are to become PNP capable.

The date when PNP capability is requested with the FCC established time frames being the least amount of time.

The projected quantity of queries that result from this new capability with a demand forecast per tandem or end office with which CLEC interconnects.

An initial response from the AT&T-13STATE Account Manager, acknowledging receipt of the BFR and the date when requested switch(es) will be PNP capable, must be made to CLEC within ten (10) business days of receipt of the BFR.

Local Number Portability (LNP)
Bona Fide Request (BFR)

DATE: _____ (date of request)

TO: _____ (name of service provider)
_____ (address of service provider)
_____ (contact name/number)

FROM: _____ (requester/service provider name/ID)
_____ (requester switch(es)/CLLI)
_____ (authorized by name)
_____ (authorized by title)
_____ (contact name/address/number)

Affidavit attesting requester as authorized agent should accompany request.

SWITCH(ES):

CLLI[1]	Rate Center Name[2]	Rate Center VC/HC[2]	NPA-NXX(s)[3]
_____	_____	_____	All: Y or N
_____	_____	_____	All: Y or N
_____	_____	_____	All: Y or N
_____	_____	_____	All: Y or N
_____	_____	_____	All: Y or N

DATES: Requested date switch(es) should be LNP capable: _____ (mm/dd/yy)
Requested code opening date[4]: _____ (mm/dd/yy)

Notes: See following page.

Acknowledgment of BFR is to be sent to the requester within ten business days.

Notes: [1] List each switch targeted for LNP by its specific CLLI code.

[2] Enter associated Rate Center information from LERG, including: Rate Center Name and Associated V&H Terminating Point Master Coordinates; Source of the LERG information: Destination Code Record (DRD) Screen.

[3] Circle or highlight Y if requesting all eligible NPA-NXX codes in that specific switch to be opened. Circle or highlight N if only certain NPA NXX codes are being requested, then provide list of desired NPA NXX(s).

Note: Targeting of specific NPA-NXX codes should be carefully considered. A traditional ILEC may serve a single rate center with multiple switches (CLLIs and NXX codes) while CLEC may serve multiple rate centers with a single switch. In the latter case, use of a specific NXX code will determine the rate center.

[4] As documented in the Southwest Region Code Opening Process.

Acknowledgment of
LNP Bona Fide Request (BFR)

DATE: _____ (date of response)

TO: _____ (requester/CLEC name/ID)
_____ (contact name/address/number)
_____ (requester switch(es)/CLLI)

FROM: _____ (name of service provider)
_____ (address of provider)
_____ (contact name/number)

_____

Switch request(s) accepted:

CLLI Accepted	LNP Effective Date	or	*Modified Effective Date*	Ineligible NPA-NXXs
_____(CLLI 1)	_____		_____	_____
_____(CLLI 2)	_____		_____	_____
_____(CLLI 3)	_____		_____	_____
_____(CLLI 4)	_____		_____	_____

_____

Switch request(s) denied/reason for denial:

_____(CLLI 1): _____
_____
_____(CLLI 2): _____
_____
_____(CLLI 3): _____
_____

Authorized company representative signature/title: _____
_____

APPENDIX NUMBERING

TABLE OF CONTENTS

1. INTRODUCTION..... 3
2. GENERAL TERMS AND CONDITIONS..... 3

APPENDIX NUMBERING

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions under which the 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 Connecticut, Southwestern Bell Telephone, L.P. 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 will coordinate with respect to NXX assignments.

1.2 As used herein, AT&T-13STATE means the above listed ILECs doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin.

2. GENERAL TERMS AND CONDITIONS

2.1 Nothing in this Agreement shall be construed to limit or otherwise adversely impact in any manner either Party's right to employ or to request and be assigned any North American Numbering Plan (NANP) number resources from the numbering administrator including, but not limited to, central office (NXX) codes pursuant to the Central Office Code Assignment Guidelines, or to establish, by tariff or otherwise, Exchanges and Rating Points corresponding to such NXX codes. Each Party is responsible for administering the NXX codes it is assigned.

2.2 At a minimum, in those Metropolitan Exchange Areas where the CLEC is properly certified by the appropriate regulatory body and intends to provide local exchange service, the CLEC shall obtain a separate NXX code for each AT&T-13STATE rate center to the extent required to ensure compliance with the industry-approved Central Office Code (NXX) Assignment Guidelines (most current version) or other industry approved numbering guidelines and the FCC's Second Report & Order in CC Docket 95-116, released August 18, 1997 (Local Number Portability). This will enable CLEC and AT&T-13STATE to identify the jurisdictional nature of traffic for intercompany compensation until such time as both Parties mutually agree that there is a need to determine traffic jurisdiction on a basis other than NXX codes and both parties have implemented billing and routing capabilities to determine traffic jurisdiction on such an alternative basis.

2.3 Pursuant to Section 7.3 of the North American Numbering Council Local Number Portability Architecture and Administrative Plan report, which was adopted by the FCC, Second Report and Order, CC Docket 95-116, released August 18, 1997, portability is technically limited to rate center/rate district boundaries of the incumbent LEC due to rating and routing concerns. Therefore, Parties shall assign telephone numbers from its NXX's only to those customers that are physically in the rate center to which the NXX is assigned.

2.4 Each Party is responsible to program and update its own switches and network systems to recognize and route traffic to the other Party's assigned NXX codes at all times. Neither Party shall impose fees or charges on the other Party for such required programming and updating activities.

2.5 Each Party is responsible to input required data into the Routing Data Base Systems (RDBS) and into the Telcordia Rating Administrative Data Systems (BRADS) or other appropriate system(s) necessary to update the Local Exchange Routing Guide (LERG), unless negotiated otherwise.

2.6 Neither Party is responsible for notifying the other Parties' End Users of any changes in dialing arrangements, including those due to NPA exhaust.

2.7 NXX Migration

2.7.1 Where either Party has activated an entire NXX for a single end user, or activated more than half of an NXX for a single end user with the remaining numbers in that NXX either reserved for future use or otherwise unused, and such End-User chooses to receive service from the other Party, the first Party

shall cooperate with the second Party to have the entire NXX reassigned in the LERG (and associated industry databases, routing tables, etc.) to an End Office operated by the second Party provided that the requested rate center is the same rate center that physically serves the customer in a non-foreign exchange arrangement. Such transfer will require development of a transition process to minimize impact on the Network and on the end user(s)' service and will be subject to appropriate industry lead times (currently forty-five (45) days) for movements of NXXs from one switch to another.

2.8 Test Numbers

2.8.1 Each Party is responsible for providing to the other, valid test numbers. One number terminating to a VOICE announcement identifying the Company and one number terminating to a milliwatt tome providing answer supervision and allowing simultaneous connection from multiple test lines. One number should remain in service indefinitely for regressive testing purposes.

APPENDIX OSS - RESALE & 251(c)(3) UNEs

TABLE OF CONTENTS

1. INTRODUCTION 3
2. 251(c)(3) UNBUNDLING REQUIREMENTS 5
3. GENERAL CONDITIONS 5
4. PRE-ORDERING 7
5. ORDERING/PROVISIONING 9
6. MAINTENANCE/REPAIR 11
7. BILLING 11
8. REMOTE ACCESS FACILITY 12
9. DATA CONNECTION SECURITY REQUIREMENTS 13
10. OPERATIONAL READINESS TEST (ORT) FOR ORDERING/PROVISIONING AND REPAIR/ MAINTENANCE INTERFACES 16
11. OSS TRAINING COURSES 16
12. OSS CHARGES FOR SYSTEM ACCESS AND CONNECTIVITY 17
13. MISCELLANEOUS CHARGES 17
14. SERVICE BUREAU PROVIDER ARRANGEMENTS FOR SHARED ACCESS TO OSS 18

APPENDIX OSS
(ACCESS TO OPERATIONS SUPPORT SYSTEMS FUNCTIONS)

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions for nondiscriminatory access to Operations Support Systems (OSS) "functions" to CLEC for pre-ordering, ordering, provisioning, maintenance/repair, and billing provided by the applicable AT&T Inc. (AT&T) owned Incumbent Local Exchange Carrier (ILEC). With respect to all matters covered by this Appendix, the Parties will comply with the final AT&T/Ameritech POR for Uniform and Enhanced OSS (Uniform POR) as approved by FCC on September 22, 2000.

1.2 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, L.P. 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.

1.3 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.

1.4 AT&T-4STATE - As used herein, AT&T-4STATE means Southwestern Bell Telephone, L.P. 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.

1.5 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.

1.6 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.

1.7 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.

1.8 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, AT&T NEVADA, Ohio, Oklahoma, Texas and Wisconsin.

1.9 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.

1.10 AT&T ARKANSAS - As used herein, AT&T ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Arkansas, the applicable AT&T-owned ILEC doing business in Arkansas.

1.11 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.

1.12 AT&T CONNECTICUT - As used herein, AT&T CONNECTICUT means The Southern New England Telephone Company d/b/a AT&T Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.13 AT&T KANSAS - As used herein, AT&T KANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Kansas, the applicable AT&T-owned ILEC doing business in Kansas.

1.14 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.

1.15 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.

1.16 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 doing business in Michigan.

1.17 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.

1.18 AT&T MISSOURI - As used herein, AT&T MISSOURI means Southwestern Bell Telephone, L.P. d/b/a AT&T Missouri, the applicable AT&T-owned ILEC doing business in Missouri.

1.19 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.

1.20 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.

1.21 AT&T OKLAHOMA - As used herein, AT&T OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a AT&T Oklahoma, the applicable AT&T-owned ILEC doing business in Oklahoma.

1.22 AT&T SOUTHWEST REGION 5-STATE - As used herein, AT&T SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone, L.P. 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.

1.23 AT&T TEXAS – As used herein, AT&T TEXAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Texas, the applicable AT&T-owned ILEC doing business in Texas.

1.24 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.

1.25 AT&T-13STATE has established performance measurements to illustrate non-discriminatory access. These measurements are represented in Appendix Performance Measurements.

1.26 "LSC" means (i) the Local Service Center (LSC) for AT&T-12STATE; (ii) Local Exchange Carrier Center (LECC) for AT&T CONNECTICUT.

1.27 "LOC" means (i) the Local Operations Center (LOC) for AT&T-8STATE; and (ii) the Customer Response Unit (CRU) for AT&T MIDWEST REGION 5-STATE.

1.28 "Service Bureau Provider" - For purposes of this Agreement, Service Bureau Provider (SBP) is a company which has been engaged by a CLEC to act on its behalf for purposes of accessing AT&T-13STATE's OSS application-to-application interfaces via a dedicated connection over which multiple CLECs' local service transactions are transported.

1.29 "UNE" is as described in Appendix 251(c)(3)UNE.

2. 251(C)(3) UNBUNDLING REQUIREMENTS

2.1 This Appendix is for OSS transactions related to UNEs (as provided in Appendix 251(c)(3) UNE), and Resold service which AT&T-13STATE provides under this Interconnection Agreement (ICA service(s)). Should AT&T-13STATE no longer be obligated to provide a UNE under the terms of this Agreement, AT&T-13STATE shall no longer be obligated to offer access and use of OSS for that ICA service.

3. GENERAL CONDITIONS

3.1 Resale and 251(c)(3)Unbundled Network Elements (251(c)(3) UNE) functions will be accessible via electronic interface(s), as described herein, where such functions are available. The Parties agree that electronic order processing is more efficient than manual order processing. During implementation the Parties will negotiate a threshold volume of orders after which electronic ordering is required. Once CLEC is submitting more than the agreed to threshold amount, but not later than twelve (12) months from the Effective Date of this Agreement, then CLEC will no longer submit orders manually (and AT&T-13STATE shall not be required to accept and process manual orders) except when the electronic order processing is unavailable for a substantial period of time, or where a given order cannot be processed electronically.

3.2 Proper Use of OSS interfaces:

3.2.1 For AT&T-13STATE, CLEC agrees to utilize AT&T-13STATE electronic interfaces, as described herein, only for the purposes of establishing and maintaining Resale Services or 251(c)(3) UNEs through AT&T-13STATE. In addition, CLEC agrees that such use will comply with AT&T-13STATE's Data Connection Security Requirements as identified in Section 9 of this Appendix. Failure to comply with such security guidelines may, upon notice, result in forfeiture of electronic access to OSS functionality. In addition, CLEC shall be responsible for and indemnifies AT&T-13STATE against any cost, expense or liability relating to any unauthorized entry or access into, or use or manipulation of AT&T-13STATE's OSS from CLEC systems, workstations or terminals or by CLEC employees, agents, or any third party gaining access through information and/or facilities obtained from or utilized by CLEC, and shall pay AT&T-13STATE for any and all damages caused by such unauthorized entry. Provided, however that if the cost, expense or liability is the result of AT&T-13STATE gross negligence or willful misconduct related to AT&T-13STATE's own use of the OSS this paragraph 3.2.1 shall not apply to CLEC.

3.3 Within AT&T-13STATE regions, CLEC's access to pre-order functions described in 4.2.2 will only be utilized to view Customer Proprietary Network Information (CPNI) of another carrier's End User where CLEC has obtained an authorization for release of CPNI from the End User and has obtained an authorization to become the End User's Local Service Provider.

3.3.1 In AT&T-13STATE regions, CLEC must maintain records of individual customers' authorizations for change in local exchange service and release of CPNI which adhere to all requirements of state and federal law, as applicable.

3.3.2 This section applies to AT&T CALIFORNIA ONLY. For consumer End Users, prior to accessing such information, CLEC shall, on its own behalf and on behalf of AT&T CALIFORNIA, comply with all applicable requirements of Section 2891 of the California Public Utilities Code and 47 USC 222 (and implementing FCC decisions thereunder), and, where accessing such information via an electronic interface, CLEC shall have obtained an authorization to become the End User's local service provider. Accessing such information by CLEC shall constitute certification that CLEC is in compliance with applicable requirements of Section 2891 and Section 222 (and implementing FCC decisions thereunder) and has complied with the prior sentence. CLEC shall receive and retain such information in conformance with the requirements of 47 USC 222 (and implementing FCC decisions thereunder). CLEC agrees to indemnify, defend and hold harmless AT&T CALIFORNIA against any claim made by a consumer End User or governmental entity against AT&T CALIFORNIA or CLEC

under Section 2891 or Section 222 (and implementing FCC decisions thereunder) or for any breach by CLEC of this section.

3.3.3 Throughout AT&T-13STATE region, CLEC is solely responsible for determining whether proper authorization has been obtained and holds AT&T-13STATE harmless from any loss on account of CLEC's failure to obtain proper CPNI consent from an End User.

3.4 By utilizing electronic interfaces to access OSS functions, CLEC agrees to perform accurate and correct ordering including Resale services and 251(c)(3) UNEs, rates, and charges, subject to the terms of this Agreement and applicable tariffs dependent on region of operation. CLEC is also responsible for all actions of its employees using any of AT&T-13STATE's OSS systems. As such, CLEC agrees to accept and pay all reasonable costs or expenses, including labor costs, incurred by AT&T-13STATE caused by any and all inaccurate ordering or usage of the OSS, if such costs are not already recovered through other charges assessed by AT&T-13STATE to CLEC. In addition, CLEC agrees to indemnify and hold AT&T-13STATE harmless against any claim made by an End User of CLEC or other third parties against AT&T-13STATE caused by or related to CLEC's use of any AT&T-13STATE OSS.

3.5 In the event AT&T-13STATE has good cause to believe that CLEC has used AT&T-13STATE OSS in a way that conflicts with this Agreement or Applicable Law, AT&T-owned ILEC in whose territory CLEC is doing business shall give CLEC written notice describing the alleged misuse ("Notice of Misuse"). CLEC shall immediately refrain from the alleged misuse until such time that CLEC responds in writing to the Notice of Misuse, which shall be provided to AT&T-13STATE within twenty (20) calendar days after receipt of the Notice of Misuse. In the event CLEC agrees with the allegation of misuse, CLEC shall refrain from the alleged misuse during the term of this Agreement.

3.6 In the event CLEC does not agree that the CLEC's use of AT&T-13STATE OSS is inconsistent with this Agreement or Applicable Law, then the parties agree to the following steps:

3.6.1 If such misuse involves improper access of pre-order applications to obtain CPNI in violation of this Agreement, Applicable Law, or involves a violation of the security guidelines contained herein, or negatively affects another OSS user's ability to use OSS, CLEC shall continue to refrain from using the particular OSS functionality in the manner alleged by AT&T-13STATE to be improper, until CLEC has implemented a mutually agreeable remedy to the alleged misuse.

3.6.2 To remedy the misuse for the balance of the agreement, Parties will work together as necessary to mutually determine a permanent resolution for the balance of the term of the agreement.

3.7 In order to determine whether CLEC has engaged in the alleged misuse described in the Notice of Misuse, and for good cause shown, AT&T-13STATE shall have the right to conduct an audit of CLEC's use of the AT&T-13STATE OSS. Such audit shall be limited to auditing those aspects of CLEC's use of the AT&T-13STATE OSS that relate to the allegation of misuse as set forth in the Notice of Misuse. AT&T-13STATE shall give ten (10) calendar days advance written notice of its intent to audit CLEC ("Audit Notice") under this Section 3.7, and shall identify the type of information needed for the audit. Such Audit Notice may not precede the Notice of Misuse. Within a reasonable time following the Audit Notice, but no less than fourteen (14) calendar days after the date of the notice (unless otherwise agreed by the Parties), CLEC shall provide AT&T-13STATE with access to the requested information in any reasonably requested format, at an appropriate CLEC location, unless otherwise agreed to by the Parties. The audit shall be at AT&T-13STATE's expense. All information obtained through such an audit shall be deemed proprietary and/or confidential and subject to confidential treatment without necessity for marking such information confidential. AT&T-13STATE agrees that it shall only use employees or outside parties to conduct the audit who do not have marketing, strategic analysis, competitive assessment or similar responsibilities within AT&T-13STATE. AT&T-13STATE shall agree that any such proprietary information, as defined in General Terms & Conditions, Section 20 obtained by the audit shall not be provided to any individuals that have marketing, strategic analysis, competitive assessment, retail or other similar responsibilities within AT&T-13STATE.

3.8 When Resale Service and 251(c)(3) UNE order functions are not available via an electronic interface for the pre-order, ordering and provisioning processes, AT&T-13STATE and CLEC will use manual processes. Should AT&T-13STATE develop electronic interfaces for these functions for itself, AT&T-13STATE will make electronic access available to CLEC within the specific operating region.

3.9 The Information Services (I.S.) Call Center for the AT&T-13STATE region provides for technical support function of electronic OSS interfaces. CLEC will also provide a single point of contact for technical issues related to the CLEC's electronic interfaces.

3.10 The Parties will follow the final adopted guidelines of "AT&T Competitive Local Exchange Carrier (CLEC) 13-State Interface Change Management Process", developed in collaboration with CLECs. This plan may be modified from time to time in accordance with the Change Management principles.

3.11 AT&T-13STATE will and CLEC may participate in the Order and Billing Forum (OBF) and the Telecommunications Industry Forum (TCIF) to establish and conform to uniform industry guidelines for electronic interfaces for pre-order, ordering, and provisioning. Neither Party waives its rights as participants in such forums or in the implementation of the guidelines. To achieve system functionality as quickly as possible, the Parties acknowledge that AT&T-13STATE may deploy interfaces with requirements developed in advance of industry guidelines. Thus, subsequent modifications may be necessary to comply with emerging guidelines. CLEC and AT&T-13STATE are individually responsible for evaluating the risk of developing their respective systems in advance of guidelines and agree to support their own system modifications to comply with new requirements. In addition, AT&T-13STATE has the right to define Local Service Request (LSR) Usage requirements according to the General Section 1.0, paragraph 1.4 of the practices in the OBF Local Service Ordering Guidelines (LSOG), which states: "Options described in this practice may not be applicable to individual providers tariffs; therefore, use of either the field or valid entries within the field is based on the providers tariffs/practices."

3.12 Due to enhancements and on-going development of access to AT&T-13STATE's OSS functions, certain interfaces described in this Appendix may be modified, temporarily unavailable or may be phased out after execution of this Appendix. AT&T-13STATE shall provide proper notice of interface phase-out as required by the Change Management process.

3.13 CLEC is responsible for obtaining operating system software and hardware to access AT&T-13STATE OSS functions. All hardware and software requirements are specified in: "CLEC Hardware/Software Requirements for Access of AT&T Uniform OSS Applications", or any other documents or interface requirements subsequently generated by AT&T-13STATE for any of its regions.

4. PRE-ORDERING

4.1 AT&T-13STATE will provide real time access to pre-order functions to support CLEC ordering of Resale services and 251(c)(3) UNEs. The Parties acknowledge that ordering requirements necessitate the use of current, real time pre-order information to accurately build service orders. The following lists represent pre-order functions that are available to CLEC so that CLEC order requests may be created to comply with AT&T-13STATE region-specific ordering requirements.

4.2 Pre-Ordering functions for Resale Services and 251(c)(3) UNEs include

4.2.1 Feature/Service Availability

Feature Inquiry provides AT&T-13STATE with feature and service availability by WTN, NPA/NXX, and CLLI Code (as applicable).

4.2.1.2 PIC/LPIC Inquiry provides AT&T-13STATE Primary Interexchange Carrier (PIC) options for intraLATA toll and interLATA toll.

4.2.2 Customer Service Information - CSI Inquiry

Access to AT&T-13STATE retail or resold CPNI and account information for pre-ordering will include: billing name, service address, billing address, service and feature subscription, directory

listing information, and long distance carrier identity. CLEC agrees that CLEC's representatives will not access the information specified in this subsection until after the End User requests that his or her Local Service Provider be changed to CLEC, and an End User authorization for release of CPNI complies with conditions as described in section 3.2 of this Appendix.

4.2.3 Telephone Number Inquiry

AT&T-13STATE provides a Telephone Number Reservation Inquiry and a Cancel Reservation function. With the rollout of the Uniform Pre-Order Interfaces, AT&T MIDWEST REGION 5-STATE also provides a Telephone Number Confirmation Inquiry function.

4.2.4 Scheduling Inquiry/Availability

4.2.4.1 Due Date Inquiry provides next available dates for the End User (where available).

4.2.4.2 Dispatch Inquiry provides information to indicate whether dispatch is required.

4.2.5 Address Validation Inquiry

AT&T-13STATE provides address validation function.

4.3 The following are Pre-Order functions specific to 251(c)(3) UNEs

4.3.1 Loop Pre-Qualification and Loop Qualification Inquiry

AT&T-13STATE provides pre-order loop qualification information specific to DSL capable and Line Shared 251(c)(3) UNE loops consistent with the XDSL and Advanced Services OSS Plan of Record filed 4/3/00 and approved by FCC on 12/22/00.

4.3.2 Common Language Location Indicator (CLLI) Inquiry

AT&T-13STATE provides CLLI code inquiry function.

4.3.3 Connecting Facility Assignment (CFA) Inquiry

AT&T-13STATE provides a CFA inquiry function.

4.3.4 Network Channel/Network Channel Interface (NC/NCI) Inquiry

AT&T-13STATE provides a NC/NCI inquiry function.

4.4 Electronic Access to Pre-Order Functions

4.4.1 Resale and 251(c)(3) UNE Pre-order Interface Availability

4.4.1.1 Enhanced Verigate is the 13-state uniform pre-order GUI interface available in AT&T-13STATE to provide the pre-ordering functions listed in section 4.2. Enhanced Verigate is accessible via a web-based Toolbar.

4.4.1.2 An industry standard EDI/CORBA Pre-ordering Gateway is provided by AT&T-13STATE. This pre-ordering gateway supports two structural protocols, EDI and CORBA, as recommended by the technical industry committees. EDI/CORBA, is the 13-state uniform pre-order application-to-application interface that can be integrated with the CLEC's own negotiation system and that supports both Resale services and 251(c)(3) UNEs.

4.4.1.3 DataGate is a transaction-based data query system through which AT&T-7STATE provides CLEC access to pre-ordering functions. This gateway shall be a Transmission Control Protocol/Internet Protocol (TCP/IP) gateway and will, once CLEC has developed its own interface, allow CLEC to access the pre-order functions for Resale services and 251(c)(3) UNEs. DataGate follows industry guidelines, but is based on AT&T-7STATE's proprietary pre-ordering functionality.

4.4.1.4 Consumer Easy Access Sales Environment (C-EASE): C-EASE is an ordering entry system through which AT&T SOUTHWEST REGION 5-STATE provides CLEC access to the functions of pre-ordering to order AT&T SOUTHWEST REGION 5-STATE consumer Resale services.

4.4.1.5 Business Easy Access Sales Environment (B-EASE): B-EASE is an ordering entry system through which AT&T SOUTHWEST REGION 5-STATE provides CLEC access to the functions of pre-ordering to order AT&T SOUTHWEST REGION 5-STATE business Resale services.

4.4.1.6 Intentionally Left Blank.

4.4.1.7 Intentionally left blank.

4.4.1.8 AT&T CONNECTICUT provides CLEC access to the following Resale preorder applications through its proprietary (GUI) Graphical User Interface called W-CIWin. This platform of preorder applications, currently grandfathered per CMP, is being retired via CMP, in March 2004. W-CIWin has been replaced with the Uniform GUI – Enhanced Verigate.

4.4.1.8.1 CCTOOLS is a toolbar that provides icons for accessing pre-order GUI applications. This application, currently grandfathered per CMP, until its retirement is being retired in March 2004 and has been replaced with the Uniform GUI – Web-based Toolbar.

4.4.1.9 AT&T CONNECTICUT also provides the following preorder functionality (SAG and CSI Inquiry,) via Custom CCTOOLS. This application, currently grandfathered per CMP, is being retired in March 2004 and has been replaced with the Uniform GUI - Enhanced Verigate.

4.5 Other Pre-order Function Availability

4.5.1 Where pre-ordering functions are not available electronically, CLEC will manually request this information from the LSC, dependent on operating region, for inclusion on the service order request.

4.5.2 Data Validation Files are available for the purpose of providing requesting CLECs with an alternate method of acquiring pre-ordering information that is considered relatively static. Upon request, AT&T-13STATE will provide CLECs with any of the following Data Validation Files via Connect: Direct, CD-ROM, or downloadable via the pre-order GUI – Enhanced Verigate. Due to its size, the Street Address Guide (SAG) will be available only via Connect:Direct, and CD-ROM.

Data Validation Files:

SAG (Street Address Guide)
Feature/Service Availability by Switch
Directory Names
Class of Service Codes
USOC (Universal Service Order Codes)
Community Names
Yellow Page Headings
PIC/LPIC (InterLATA/IntraLATA)

5. ORDERING/PROVISIONING

5.1 AT&T-13STATE provides access to ordering functions (as measured from the time AT&T-13STATE receives accurate service requests from the interface) to support CLEC provisioning of Resale services and 251(c)(3) UNEs via one or more electronic interfaces. To order Resale services and 251(c)(3) UNEs, CLEC will format the service request to identify what features, services, or elements it wishes AT&T-13STATE to provision in accordance with applicable AT&T-13STATE ordering requirements. AT&T-13STATE will provide CLEC access to one or more of the following systems or interfaces:

5.2 Service Order Request System Availability

5.2.1 AT&T-13STATE makes available to CLEC an Electronic Data Interchange (EDI) application to application interface for transmission of Local Service Requests (LSR) as defined by the OBF, consistent with AT&T-13STATE Local Service Order Requirements (LSOR), and via EDI mapping

as defined by TCIF. In ordering and provisioning of Resale Services or 251(c)(3) UNEs, CLEC and AT&T-13STATE will utilize industry guidelines developed by OBF and TCIF EDI to transmit data based upon AT&T-13STATE's Resale Service and 251(c)(3) UNE ordering requirements, dependent on operating region. In addition, Local Number Portability (LNP) will be ordered consistent with the OBF LSR and EDI process.

5.2.2 For AT&T-13STATE, web-based LEX is the new 13-state uniform ordering GUI interface that provides access to the uniform ordering functions for Resale Services and 251(c)(3) UNEs. Web-based LEX is accessible via a web-based Toolbar.

5.2.3 For AT&T SOUTHWEST REGION 5-STATE region, C-EASE is available for the ordering of consumer Resale services.

5.2.4 For AT&T SOUTHWEST REGION 5-STATE region, B-EASE is available for the ordering of business Resale services.

5.2.5 For AT&T SOUTHWEST REGION 5-STATE, SORD interface provides CLECs with the ability to create Resale and 251(c)(3) UNE orders as well as certain complex Resale and 251(c)(3) UNE orders that cannot be ordered through Easy Access Sales Environment (EASE), Electronic Data Interchange (EDI) or Local Exchange (LEX).

5.2.5.1 For AT&T SOUTHWEST REGION 5-STATE region, SORD interface supports CLEC initiated modification of service orders submitted electronically by CLEC via the following AT&T SOUTHWEST REGION 5-STATE OSS applications: Business EASE, Consumer EASE or SORD (via DOES-Direct Order Entry System). CLEC should not use SORD to modify service orders issued electronically via LEX/EDI. In addition, CLEC should not use SORD to modify orders submitted manually to the LSC. The Parties agree that the following conditions are applicable to EASE and SORD generated service orders with errors corrected via SORD. If CLEC chooses to use SORD to issue orders and/or modify EASE generated orders, then CLEC becomes responsible for correction of all EASE and SORD service order errors that occur between order application and order completion. CLEC may need to call the LSC to obtain additional information. For terms and conditions for service order error correction within SORD, see section 5.3.3.

5.2.6 In AT&T CONNECTICUT, Resale ordering is supported by W-CIWin (AT&T CONNECTICUT's proprietary GUI interface). This platform of ordering applications, currently grandfathered per CMP, is being retired in March 2004, and has been replaced with the Uniform GUI – Web-based LEX.

5.2.6.1 Order Negotiation (as part of CCTOOLS) is made available for the ordering of complex Resale products and services. This application, currently grandfathered per CMP, is being retired in March 2004. This ordering function has been replaced with the Uniform GUI Interface – Web-based LEX.

5.2.7 In ordering and provisioning 251(c)(3) Unbundled Dedicated Transport and local interconnection trunks, CLEC and AT&T-13STATE will utilize industry ASR guidelines developed by OBF based upon AT&T-13STATE ordering requirements.

5.3 Provisioning for Resale Services and 251(c)(3) UNEs in AT&T-13STATE

AT&T-13STATE will provision Resale services and 251(c)(3)UNEs as detailed in CLEC order requests. Access to status on such orders will be provided via the following electronic interfaces:

5.3.1 For AT&T-13STATE, Order Status and Provisioning Order Status functionality is provided through the Enhanced Verigate interface which will allow CLEC to check service order status. In addition, in AT&T SOUTHWEST REGION 5-STATE pending orders can be viewed in SORD.

5.3.2 For EDI ordering, AT&T-13STATE will provide, and CLEC shall use, an EDI interface for transferring and receiving orders, Firm Order Confirmation (FOC), service completion, and, as available, other provisioning data and information.

5.3.3 For AT&T SOUTHWEST REGION 5-STATE, as detailed in section 5.2.3, the Parties agree that the following timelines are applicable to electronically generated service orders with errors corrected via SORD:

5.3.3.1 Errors occurring between application and distribution must be corrected within five (5) business hours for a simple order and within twenty four (24) hours for a complex order;

5.3.3.2 Error Service Order Image (ESOI) errors must be corrected within three (3) business hours.

5.3.3.3 Service orders will be excluded from calculation of the results for all related performance measurements, described in Appendix Performance Measurements, if CLEC fails to correct service order errors within the timeframes specified in this Section 5.3.3.

5.3.3.4 Additionally, service orders with errors that occur after order generation, but prior to distribution will not qualify for an AT&T-13STATE issued FOC.

6. MAINTENANCE/REPAIR

6.1 Two electronic interfaces are accessible in each region to place, and check the status of, trouble reports for both Resale services and 251(c)(3) UNEs. Upon request, CLEC may access these functions via the following methods:

6.1.1 In AT&T-13STATE, Electronic Bonding for Trouble Administration - Graphical User Interface (EBTA-GUI) is the 13 state uniform GUI interface that allows CLEC to perform MLT, issue trouble tickets, view status, and view trouble history on-line.

6.1.2 In AT&T-13STATE, Electronic Bonding Trouble Administration (EBTA) is the 13 state uniform application to application interface that is available for trouble report submission and status updates. EBTA conforms to ANSI guidelines T1:227:1995, T1.228:1995 and T1.262:1998, Electronic Communications Implementation Committee (ECIC) Trouble Report Format Definition (TFRD) Number 1 as defined in ECIC document ECIC/TRA/95-003, and all guidelines referenced within those documents, as mutually agreed upon by CLEC and AT&T-13STATE. Functions currently implemented include Enter Trouble, Request Trouble Report Status, Add Trouble Information, Modify Trouble Report Attributes, Trouble Report Attribute Value Change Notification, and Cancel Trouble Report, as explained in 6 and 9 of ANSI T1.228:1995. CLEC and AT&T-13STATE will exchange requests over a mutually agreeable X.25-based network.

6.1.3 In AT&T-7STATE, Trouble Administration (TA) system access provides CLEC with AT&T-7STATE software that allows CLEC to submit trouble reports and subsequently check status on trouble reports for CLEC End-Users. TA will provide the ability to review the maintenance history of a converted Resale CLEC account. TA is accessible via AT&T-7STATE Classic Toolbar.

6.1.4 In AT&T CONNECTICUT for Resale products and services, trouble history and trouble status functions are available via CCTOOLS. This application, currently grandfathered per CMP, is being retired via CMP in Sept 2003 and has been replaced with the Uniform GUI interface – EBTA-GUI.

7. BILLING

7.1 AT&T-13STATE will bill CLEC for Resold services and 251(c)(3) UNEs. AT&T-13STATE will send associated billing information to CLEC as necessary to allow CLEC to perform billing functions. At minimum AT&T-13STATE will provide CLEC billing information in a paper format, or via 18-track magnetic tape, as agreed to between CLEC and AT&T-13STATE. Such alternate bill media will be made available to CLEC consistent with the individual state tariff provisions.

7.2 Electronic access to billing information for Resale services will also be available via the following interfaces:

7.2.1 In AT&T-13STATE, CLEC may receive a mechanized bill format via the EDI 811 transaction set.

7.2.2 For Resale Services in AT&T SOUTHWEST REGION 5-STATE, CLEC may receive Bill Plus™, an electronic version of its bill, as described in, and in accordance with, AT&T SOUTHWEST REGION 5-STATE's Local Exchange Tariff.

7.2.3 For Resale Services in AT&T CALIFORNIA, CLEC may elect to receive Custom Billing Disk/ CD Bill. Custom Billing Disk/ CD Bill provides an electronic bill with the same information as a paper bill along with various reporting options.

7.2.4 For Resale Services in AT&T MIDWEST REGION 5-STATE, CLEC may elect to receive its bill on CD.

7.2.5 For Resale Services in AT&T SOUTHWEST REGION 5-STATE, CLEC may also view billing information through the Bill Information interface. Bill Information will be accessible via AT&T SOUTHWEST REGION 5-STATE Classic Toolbar.

7.2.6 In AT&T-13STATE, CLEC may receive electronically a Daily Usage Extract. On a daily basis, this feed provides information on the usage billed to its accounts for Resale services in the industry standardized EMI format.

7.2.7 AT&T-13STATE will provide Loss Notifications. This notification alerts CLECs that a change requested by another telecommunications provider has been completed and, as a result, the Local Service Provider associated with a given telephone number has been changed. It will be provided via the uniform ordering application to application interface using the EDI 836 transaction, and will also be available via the uniform ordering GUI interface, WebLEX.

7.2.8 In AT&T CONNECTICUT, CLEC may receive a Billing Detail File on 18-track magnetic tape.

7.2.9 In AT&T MIDWEST REGION 5-STATE, CLEC may receive a mechanized bill for Resale Services via the AT&T MIDWEST REGION 5-STATE Electronic Billing System (AEBS) transaction set.

7.3 Electronic access to billing information for 251(c)(3) UNEs will also be available via the following interfaces:

7.3.1 AT&T-13STATE makes available to CLECs a local Bill Data Tape to receive data in an electronic format from its CABS database. The local Bill Data Tape contains the same information that would appear on CLEC's paper bill.

7.3.2 In AT&T SOUTHWEST REGION 5-STATE, CLEC may also view billing information through the Bill Information interface. Bill Information will be accessible via AT&T SOUTHWEST REGION 5-STATE Classic Toolbar.

7.3.3 In AT&T-13STATE, CLECs will receive a Daily Usage Extract electronically, on a daily basis, with information on the usage billed to its accounts for 251(c)(3) UNEs in the industry standardized Exchange Message Interface (EMI) format.

7.3.4 AT&T-13STATE, CLEC may receive a uniform loss notification via EDI 836 transaction or via the uniform GUI interface, WebLEX. For 251(c)(3) UNEs this loss notification indicates when CLEC's End Users, utilizing AT&T-13STATE ports, change their Competitive Local Exchange Carrier. The current loss notification processes via CARE record format (in the AT&T-8STATE region) will remain in effect until full implementation and testing of the new Loss Notification processes is completed.

8. REMOTE ACCESS FACILITY

8.1 CLEC must access OSS interfaces via a CLEC Remote Access Facility. For the AT&T SOUTHWEST REGION 5-STATE region, the LRAF located in Dallas, TX will be used. The PRAF in Fairfield, CA handles the AT&T-2STATE region. The ARAF, located in Chicago, IL, serves AT&T MIDWEST REGION 5-STATE and the SRAF in New Haven, CT, handles the AT&T CONNECTICUT region. Each of these four xRAFs will provide CLECs dedicated access to the uniform application to application and Graphical User Interfaces. Connection to these remote access facilities will be established via a "port" either through dial-up or direct connection as described in Section 8.2. CLEC may utilize a port to access AT&T-13STATE OSS interfaces to perform the supported functions in any AT&T-13STATE where CLEC has executed an

Appendix OSS. OSS applications that are accessible through the Internet will also go through a secured Remote Access Facility.

8.2 For AT&T-13STATE, CLEC may use three types of access: Switched, Private Line, and Frame Relay. For Private Line and Frame Relay "Direct Connections," the connecting CLEC is responsible for providing CLEC router, and all network equipment (including Channel Service Units/Data Service Units (CSU/DSU) and circuit connection(s) up to the AT&T ILEC company point of demarcation. The demarcation point shall be the router interface at the LRAF, PRAF, ARAF, or SRAF according to AT&T-13STATE "CLEC OSS Interconnection Procedures". Switched Access "Dial-up Connections" require CLEC to provide its own modems and connection to the AT&T SOUTHWEST REGION 5-STATE LRAF, AT&T CALIFORNIA PRAF, AT&T MIDWEST REGION 5-STATE ARAF, and AT&T CONNECTICUT SRAF. CLEC shall pay the cost of the call if Switched Access is used. Connections via the Public Internet require CLEC to connect to an ISP of their choice and use one of the HTTPS URLs associated with access to AT&T-13STATE OSS via the public internet.

8.3 For AT&T-13STATE, CLEC shall use TCP/IP to access AT&T-13STATE OSS via the LRAF, ARAF, SRAF, and the PRAF. In addition, each CLEC shall have one valid Internet Protocol (IP) network address per region. CLEC shall maintain a user-id / password unique to each individual for accessing a AT&T-13STATE OSS on CLEC's behalf. CLEC shall provide estimates regarding its volume of transactions, number of concurrent users, desired number of private line or dial-up (switched) connections, and length of a typical session.

8.4 For AT&T-13STATE, CLEC shall attend and participate in implementation meetings to discuss CLEC LRAF/PRAF/ARAF/SRAF access plans in detail and schedule testing of such connections.

9. DATA CONNECTION SECURITY REQUIREMENTS

9.1 CLEC agrees that interconnection of CLEC data facilities with AT&T-13STATE data facilities for access to OSS will be in compliance with AT&T-13STATE's "Competitive Local Exchange Carrier (CLEC) Operations Support System Interconnection Procedures" document current at the time of initial connection to a RAF. The following additional terms in this Section 9 govern direct and dial up connections between CLEC and the PRAF, LRAF, ARAF and SRAF for access to OSS Interfaces.

9.2 Joint Security Requirements

9.2.1 Both Parties will maintain accurate and auditable records that monitor user authentication and machine integrity and confidentiality (e.g., password assignment and aging, chronological logs configured, system accounting data, etc.).

9.2.2 Both Parties shall maintain accurate and complete records detailing the individual data connections and systems to which they have granted the other Party access or interface privileges. These records will include, but are not limited to, user ID assignment, user request records, system configuration, time limits of user access or system interfaces. These records should be kept until the termination of this Agreement or the termination of the requested access by the identified individual. Either Party may initiate a compliance review of the connection records to verify that only the agreed to connections are in place and that the connection records are accurate.

9.2.3 CLEC shall immediately notify the ISCC when a employee userid is no longer valid (e.g. employee termination or movement to another department).

9.2.4 Both Parties shall use an industry standard virus detection software program at all times. The Parties shall immediately advise each other by telephone upon actual knowledge that a virus or other malicious code has been transmitted to the other Party.

9.2.5 All physical access to equipment and services required to transmit data will be in secured locations. Verification of authorization will be required for access to all such secured locations. A secured location is where walls and doors are constructed and arranged to serve as barriers and to provide uniform protection for all equipment used in the data connections which are made as a result of the

user's access to either the CLEC or AT&T-13STATE network. At a minimum, this shall include: access doors equipped with card reader control or an equivalent authentication procedure and/or device, and egress doors which generate a real-time alarm when opened and which are equipped with tamper resistant and panic hardware as required to meet building and safety standards.

9.2.6 Both Parties shall maintain accurate and complete records on the card access system or lock and key administration to the rooms housing the equipment utilized to make the connection(s) to the other Party's network. These records will include management of card or key issue, activation or distribution and deactivation.

9.3 Additional Responsibilities of Both Parties

9.3.1 Modem/DSU Maintenance And Use Policy: To the extent the access provided hereunder involves the support and maintenance of CLEC equipment on AT&T-13STATE's premises, such maintenance will be provided under the terms of the Competitive Local Exchange Carrier (CLEC) Operations Support System Interconnection Procedures document cited above.

9.3.2 Monitoring: Each Party will monitor its own network relating to any user's access to the Party's networks, processing systems, and applications. This information may be collected, retained, and analyzed to identify potential security risks without notice. This information may include, but is not limited to, trace files, statistics, network addresses, and the actual data or screens accessed or transferred.

9.3.3 Each Party shall notify the other Party's security organization immediately upon initial discovery of actual or suspected unauthorized access to, misuse of, or other "at risk" conditions regarding the identified data facilities or information. Each Party shall provide a specified point of contact. If either Party suspects unauthorized or inappropriate access, the Parties shall work together to isolate and resolve the problem.

9.3.4 In the event that one Party identifies inconsistencies or lapses in the other Party's adherence to the security provisions described herein, or a discrepancy is found, documented, and delivered to the non-complying Party, a corrective action plan to address the identified vulnerabilities must be provided by the non-complying Party within thirty (30) calendar days of the date of the identified inconsistency. The corrective action plan must identify what will be done, the Party accountable/responsible, and the proposed compliance date. The non-complying Party must provide periodic status reports (minimally monthly) to the other Party's security organization on the implementation of the corrective action plan in order to track the work to completion.

9.3.5 In the event there are technological constraints or situations where either Party's corporate security requirements cannot be met, the Parties will institute mutually agreed upon alternative security controls and safeguards to mitigate risks.

9.3.6 All network-related problems will be managed to resolution by the respective organizations, CLEC or AT&T-13STATE, as appropriate to the ownership of a failed component. As necessary, CLEC and AT&T-13STATE will work together to resolve problems where the responsibility of either Party is not easily identified.

9.4 Information Security Policies And Guidelines For Access To Computers, Networks and Information By Non-Employee Personnel

9.4.1 Information security policies and guidelines are designed to protect the integrity, confidentiality and availability of computer, networks and information resources. Section 9.5 - 9.11 summarizes the general policies and principles for individuals who are not employees of the Party that provides the computer, network or information, but have authorized access to that Party's systems, networks or information. Questions should be referred to CLEC or AT&T-13STATE, respectively, as the providers of the computer, network or information in question.

9.4.2 It is each Party's responsibility to notify its employees, contractors and vendors who will have access to the other Party's network, on the proper security responsibilities identified within this Attachment.

Adherence to these policies is a requirement for continued access to the other Party's systems, networks or information. Exceptions to the policies must be requested in writing and approved by the other Party's information security organization.

9.5 General Policies

9.5.1 Each Party's resources are for approved business purposes only.

9.5.2 Each Party may exercise at any time its right to inspect, record, and/or remove all information contained in its systems, and take appropriate action should unauthorized or improper usage be discovered.

9.5.3 Individuals will only be given access to resources that they are authorized to receive and which they need to perform their job duties. Users must not attempt to access resources for which they are not authorized.

9.5.4 Authorized users must not develop, copy or use any program or code which circumvents or bypasses system security or privilege mechanism or distorts accountability or audit mechanisms.

9.5.5 Actual or suspected unauthorized access events must be reported immediately to each Party's security organization or to an alternate contact identified by that Party. Each Party shall provide its respective security contact information to the other.

9.6 User Identification

9.6.1 Access to each Party's corporate resources will be based on identifying and authenticating individual users in order to maintain clear and personal accountability for each user's actions.

9.6.2 User identification shall be accomplished by the assignment of a unique, permanent user id, and each user id shall have an associated identification number for security purposes.

9.6.3 User ids will be revalidated on a monthly basis.

9.7 User Authentication

9.7.1 Users will usually be authenticated by use of a password. Strong authentication methods (e.g. one-time passwords, digital signatures, etc.) may be required in the future.

9.7.2 Passwords must not be stored in script files.

9.7.3 Passwords must be entered by the user.

9.7.4 Passwords must be at least 6-8 characters in length, not blank or a repeat of the user id; contain at least one letter, and at least one number or special character must be in a position other than the first or last one. This format will ensure that the password is hard to guess. Most systems are capable of being configured to automatically enforce these requirements. Where a system does not mechanically require this format, the users must manually follow the format.

9.7.5 Systems will require users to change their passwords regularly (usually every 31 days).

9.7.6 Systems are to be configured to prevent users from reusing the same password for 6 changes/months.

9.7.7 Personal passwords must not be shared. A user who has shared his password is responsible for any use made of the password.

9.8 Access and Session Control

9.8.1 Destination restrictions will be enforced at remote access facilities used for access to OSS Interfaces. These connections must be approved by each Party's corporate security organization.

9.8.2 Terminals or other input devices must not be left unattended while they may be used for system access. Upon completion of each work session, terminals or workstations must be properly logged off.

9.9 User Authorization

9.9.1 On the destination system, users are granted access to specific resources (e.g. databases, files, transactions, etc.). These permissions will usually be defined for an individual user (or user group) when a user id is approved for access to the system.

9.10 Software and Data Integrity

9.10.1 Each Party shall use a comparable degree of care to protect the other Party's software and data from unauthorized access, additions, changes and deletions as it uses to protect its own similar software and data. This may be accomplished by physical security at the work location and by access control software on the workstation.

9.10.2 Untrusted software or data shall be scanned for viruses before use on a Party's corporate facilities that can be accessed through the direct connection or dial up access to OSS interfaces.

9.10.3 Unauthorized use of copyrighted software is prohibited on each Party's corporate systems that can be access through the direct connection or dial up access to OSS Interfaces.

9.10.4 Proprietary software or information (whether electronic or paper) of a Party shall not be given by the other Party to unauthorized individuals. When it is no longer needed, each Party's proprietary software or information shall be returned by the other Party or disposed of securely. Paper copies shall be shredded. Electronic copies shall be overwritten or degaussed.

9.11 Monitoring and Audit

9.11.1 To deter unauthorized access events, a warning or no trespassing message will be displayed at the point of initial entry (i.e., network entry or applications with direct entry points). Each Party should have several approved versions of this message. Users should expect to see a warning message similar to this one:

"This is a (AT&T-13STATE or CLEC) system restricted to Company official business and subject to being monitored at any time. Anyone using this system expressly consents to such monitoring and to any evidence of unauthorized access, use, or modification being used for criminal prosecution."

9.11.2 After successful authentication, each session will display the last logon date/time and the number of unsuccessful logon attempts. The user is responsible for reporting discrepancies.

10. OPERATIONAL READINESS TEST (ORT) FOR ORDERING/PROVISIONING AND REPAIR/ MAINTENANCE INTERFACES

10.1 Prior to live access to interface functionality, the Parties must conduct Operational Readiness Testing (ORT), which will allow for the testing of the systems, interfaces, and processes for the OSS functions. ORT will be completed in conformance with agreed upon processes and implementation dates.

11. OSS TRAINING COURSES

11.1 Prior to live system usage, CLEC must complete user education classes for AT&T-13STATE-provided interfaces that affect the AT&T-13STATE network. Course descriptions for all available classes by region are posted on the CLEC website in the Customer Education section. CLEC Training schedules by region are also available on the CLEC website and are subject to change, with class lengths varying. Classes are train-the-trainer format to enable CLEC to devise its own course work for its own employees. Charges as specified below will apply for each class:

Training Rates	5 day class	4.5 day class	4 day class	3.5 day class	3 day class	2.5 day class	2 day class	1.5 day class	1 day class	1/2 day class
1 to 5 students	$4,050	$3,650	$3,240	$2,835	$2,430	$2,025	$1,620	$1,215	$810	$405
6 students	$4,860	$4,380	$3,890	$3,402	$2,915	$2,430	$1,945	$1,455	$970	$490
7 students	$5,670	$5,100	$4,535	$3,969	$3,400	$2,835	$2,270	$1,705	$1,135	$570

8 students	$6,480	$5,830	$5,185	$4,536	$3,890	$3,240	$2,590	$1,950	$1,300	$650
9 students	$7,290	$6,570	$5,830	$5,103	$4,375	$3,645	$2,915	$2,190	$1,460	$730
10 students	$8,100	$7,300	$6,480	$5,670	$4,860	$4,050	$3,240	$2,430	$1,620	$810
11 students	$8,910	$8,030	$7,130	$6,237	$5,345	$4,455	$3,565	$2,670	$1,780	$890
12 students	$9,720	$8,760	$7,780	$6,804	$5,830	$4,860	$3,890	$2,920	$1,945	$970

11.2 A separate agreement will be required as a commitment to pay for a specific number of CLEC students in each class. CLEC agrees that charges will be billed by AT&T-13STATE and CLEC payment is due thirty (30) days following the bill date. CLEC agrees that personnel from other competitive Local Service Providers may be scheduled into any class to fill any seats for which the CLEC has not contracted. Class availability is first-come, first served with priority given to CLECs who have not yet attended the specific class.

11.3 Class dates will be based upon AT&T-13STATE availability and will be coordinated among CLEC, the CLEC's AT&T-13STATE Account Manager, and AT&T-13STATE Industry Markets CLEC Training Product Management.

11.4 CLEC agrees to pay the cancellation fee of the full price noted in the separate agreement if CLEC cancels scheduled classes less than two (2) weeks prior to the scheduled start date. CLEC agrees to provide to AT&T-13STATE completed registration forms for each student no later than one week prior to the scheduled training class.

11.5 CLEC agrees that CLEC personnel attending classes are to utilize only training databases and training presented to them in class. Attempts to access any other AT&T-13STATE system are strictly prohibited.

11.6 CLEC further agrees that training material, manuals and instructor guides can be duplicated only for internal use for the purpose of training employees to utilize the capabilities of AT&T-13STATE's OSS in accordance with this Appendix and shall be deemed "Proprietary Information" and subject to the terms, conditions and limitations of Section 20 of the General Terms and Conditions.

12. OSS CHARGES FOR SYSTEM ACCESS AND CONNECTIVITY

12.1 To the extent AT&T-13STATE seeks to recover costs associated with OSS System Access and Connectivity, AT&T-13STATE shall not be foreclosed from seeking recovery of such costs via negotiation, arbitration, or generic proceeding during the term of this agreement.

13. MISCELLANEOUS CHARGES

13.1 For AT&T SOUTHWEST REGION 5-STATE region only, CLEC requesting the Bill Plus™, as described in 7.2.2, agrees to pay applicable tariffed rate, less Resale discount.

13.2 For AT&T-7STATE, CLEC requesting the billing function for the Daily Usage Extract which contains the usage billable records, as described in 7.2.7 and 7.3.3, agrees to pay established rates pursuant to Appendix Pricing.

13.3 For AT&T-7STATE, CLEC requesting the Local Disconnect Report, as described in 7.2.8 and 7.3.4, agrees to pay established rates pursuant to Appendix Pricing.

13.4 For AT&T-13STATE, should CLEC request custom development of an exclusive interface to support OSS functions, such development will be considered by AT&T-13STATE on an Individual Case Basis (ICB) and priced as such.

13.5 AT&T CONNECTICUT will charge for the Billing Detail File, Daily Usage Extract, and Loss Notification File at rates filed and approved by DPUC.

14. SERVICE BUREAU PROVIDER ARRANGEMENTS FOR SHARED ACCESS TO OSS

14.1 AT&T-13STATE shall allow CLEC to access its OSS via a Service Bureau Provider under the following terms and conditions:

14.2 Notwithstanding any language in this Agreement regarding access to OSS to the contrary, CLEC shall be permitted to access AT&T-13STATE OSS via a Service Bureau Provider as follows:

14.2.1 CLEC shall be permitted to access AT&T-13STATE application-to-application OSS interfaces, via a Service Bureau Provider where CLEC has entered into an agency relationship with such Service Bureau Provider, and the Service Bureau Provider has executed an Agreement with AT&T-13STATE to Allow Service Bureau Provider to establish access to and use of AT&T-13STATE's OSS.

14.2.2 CLEC's use of a Service Bureau Provider shall not relieve CLEC of the obligation to abide by all terms and conditions of this Agreement. CLEC must ensure that its agent properly performs all OSS obligations of CLEC under this Agreement, which CLEC delegates to Service Bureau Provider.

14.2.3 It shall be the obligation of CLEC to provide notice in accordance with the notice provisions of the Terms and Conditions of this Agreement whenever it established an agency relationship with a Service Bureau Provider or terminates such a relationship. AT&T-13STATE shall have a reasonable transition time to establish a connection to a Service Bureau Provider once CLEC provides notice. Additionally, AT&T-13STATE shall have a reasonable transition period to terminate any such connection after notice from CLEC that it has terminated its agency relationship with a Service Bureau Provider.

14.3 AT&T-13STATE shall not be obligated to pay liquidated damages or assessments for noncompliance with a performance measurement to the extent that such noncompliance was the result of actions or events beyond AT&T-13STATE's control associated with third-party systems or equipment including systems, equipment and services provided by a Service Bureau Provider (acting as CLEC's agent for connection to AT&T-13STATE's OSS) which could not be avoided by AT&T-13STATE through the exercise of reasonable diligence or delays or other problems resulting from actions of a Service Bureau Provider, including Service Bureau provided processes, services, systems or connectivity.

APPENDIX OS

TABLE OF CONTENTS

1. INTRODUCTION 3
2. SERVICES 4
3. DEFINITIONS 5
4. CALL BRANDING 5
5. OPERATOR SERVICES (OS) REFERENCE/RATER INFORMATION 6
6. INTRALATA MESSAGE RATING 7
7. HANDLING OF EMERGENCY CALLS TO OPERATOR 7
8. RESPONSIBILITIES OF THE PARTIES 7
9. METHODS AND PRACTICES 8
10. PRICING 8
11. MONTHLY BILLING 8
12. LIABILITY 8
13. TERMS OF APPENDIX 8

APPENDIX OS
(OPERATOR SERVICES)

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions for Operator Services (OS) for switched-based CLEC"s or CLEC's leasing 251(c)(3) unbundled switched ports as provided by the applicable AT&T Inc. (AT&T) owned Incumbent Local Exchange Carrier (ILEC) and CLEC. Notwithstanding anything to the contrary contained herein, this Appendix shall not be binding and shall have no force and effect until CLEC notifies AT&T-13STATE in a writing, executed by a duly authorized officer, that it intends to obtain operator services from AT&T-13STATE.

1.2 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, L.P. 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.

1.3 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.

1.4 AT&T-4STATE - As used herein, AT&T-4STATE means Southwestern Bell Telephone, L.P. 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.

1.5 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.

1.6 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.

1.7 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.

1.8 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.

1.9 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.

1.10 AT&T ARKANSAS - As used herein, AT&T ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Arkansas, the applicable AT&T-owned ILEC doing business in Arkansas.

1.11 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.

1.12 AT&T CONNECTICUT - As used herein, AT&T CONNECTICUT means The Southern New England Telephone Company d/b/a AT&T Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.13 AT&T KANSAS - As used herein, AT&T KANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Kansas, the applicable AT&T-owned ILEC doing business in Kansas.

1.14 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.

1.15 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.

1.16 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 doing business in Michigan.

1.17 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.

1.18 AT&T MISSOURI - As used herein, AT&T MISSOURI means Southwestern Bell Telephone, L.P. d/b/a AT&T Missouri, the applicable AT&T-owned ILEC doing business in Missouri.

1.19 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.

1.20 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.

1.21 AT&T OKLAHOMA - As used herein, AT&T OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a AT&T Oklahoma, the applicable AT&T-owned ILEC doing business in Oklahoma.

1.22 AT&T SOUTHWEST REGION 5-STATE - As used herein, AT&T SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone, L.P. 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.

1.23 AT&T TEXAS – As used herein, AT&T TEXAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Texas, the applicable AT&T-owned ILEC doing business in Texas.

1.24 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. SERVICES

2.1 Where technically feasible and/or available, AT&T-13STATE will provide the following OS:

2.1.1 Fully Automated Call Processing

2.1.1.1 Allows the caller to complete a call utilizing equipment without the assistance of an AT&T-13STATE operator, hereafter called "Operator.

2.1.1.2 AT&T-10STATE and AT&T CALIFORNIA/AT&T CONNECTICUT - This allows the caller the option of completing calls through an Automated Alternate Billing System (AABS). Automated functions can only be activated from a touch-tone telephone. Use of a rotary telephone or failure or slow response by the caller to the audio prompts will bridge the caller to an Operator for assistance.

2.1.1.3 AT&T NEVADA – This allows the caller the option of billing calling card calls through a Mechanized Calling Card Service (MCCS). Automated functions can only be activated from a touch-tone telephone.

2.1.2 Operator-Assisted Call Processing

2.1.2.1 Allows the caller to complete a call by receiving assistance from an Operator.

3. DEFINITIONS

3.1 Fully Automated Call Processing - Where technically feasible and/or available, AT&T-13STATE can support the following fully automated call types as outlined below:

3.1.1 Fully Automated Calling Card Service.

3.1.1.1 AT&T-13STATE -This service is provided when the caller dials zero ("0"), plus the desired telephone number and the calling card number to which the call is to be charged. The call is completed without the assistance of an Operator. An authorized calling card for the purpose of this Appendix, is one for which AT&T-13STATE can perform billing validation.

3.1.2 Fully Automated Collect and Bill to Third Number Services.

3.1.2.1 AT&T-12STATE - The caller dials zero (0) plus the telephone number desired, and selects the Collect or Bill To Third Number billing option as instructed by the automated equipment. The call is completed without the assistance of an Operator.

3.2 Operator-Assisted Call Processing - Where technically feasible and/or available, AT&T-13STATE will support the following Operator-assisted call types for CLEC:

3.2.1 Semi-Automated Calling Card Service. A service provided when the caller dials zero (0) plus the telephone number desired and the calling card number to which the call is to be charged. The call is completed with the assistance of an Operator. An authorized calling card for the purpose of this Appendix, is one for which AT&T-13STATE can perform billing validation.

3.2.2 Semi-Automated Collect and Bill to Third Number Services. AT&T-12STATE - The caller dials zero (0) plus the telephone number desired, and selects the Collect or Bill To Third Number billing option as instructed by the automated equipment. The call is completed with the assistance of an Operator.

3.2.3 Semi-Automated Person-To-Person Service. A service in which the caller dials zero (0) plus the telephone number desired and asks the Operator for assistance in reaching a particular person, or a particular PBX station, department or office to be reached through a PBX attendant. This service applies even if the caller agrees, after the connection is established, to speak to any party other than the party previously specified.

3.2.4 Operator Handled Services. Services provided when the caller dials zero (0) for Operator assistance in placing a sent paid, calling card, collect, third number or person to person call.

3.2.5 Busy Line Verification (BLV)/Line Status Verification. A service in which the Operator, upon request, will check the requested line for conversation in progress and advise the caller.

3.2.6 Busy Line Verification Interrupt (BLVI). A service in which the caller asks the Operator to interrupt a conversation in progress, to determine if one of the parties is willing to speak to the caller requesting the interrupt. Busy Line Interrupt service applies even if no conversation is in progress at the time of the interrupt attempt, or when the parties interrupted refuse to terminate the conversation in progress.

3.2.7 Operator Transfer Service. A service in which the local caller requires Operator Assistance for completion of a call terminating outside the originating LATA.

4. CALL BRANDING

4.1 The procedure of identifying a provider's name audibly and distinctly to the End User at the beginning of each OS call.

4.1.1 Where technically feasible and/or available, AT&T-13STATE will brand OS in CLEC's name based upon the criteria outlined below:

4.1.1.1 Where AT&T-13STATE provides CLEC Operator Services (OS) and DA services via the same trunk, both the OS and DA calls will be branded with the same brand. Where AT&T-13STATE is only providing OS on behalf of the CLEC, the calls will be branded.

4.1.1.2 CLEC name used in branding calls may be subject to Commission regulations and should match the name in which CLEC is doing business.

4.1.1.3 AT&T-13STATE - CLEC will provide written specifications of its company name to be used by AT&T-13STATE to create the CLEC's specific branding announcement for its OS calls in accordance with the process outlined in the Operator Services OS/DA Questionnaire (OSQ).

4.1.1.4 A CLEC purchasing AT&T-13STATE 251(c)(3) unbundled local switching is responsible for maintaining CLEC's End User customer records in AT&T-13STATE Line Information Database (LIDB) as described in Appendix LIDB-AS. CLEC's failure to properly administer customer records in LIDB may result in branding errors.

4.1.1.5 Branding Load Charges

4.1.1.5.1 AT&T SOUTHWEST REGION 5-STATE - An initial non-recurring charge applies per state, per brand, per Operator assistance switch, for the establishment of CLEC specific branding. An additional non-recurring charge applies per state, per brand, per Operator assistance switch for each subsequent change to the branding announcement. In addition, a per call charge applies for every OS call handled by AT&T SOUTHWEST REGION 5-STATE on behalf of CLEC when such services are provided in conjunction with the purchase of AT&T SOUTHWEST REGION 5-STATE 251(c)(3) unbundled local switching.

4.1.1.5.2 AT&T MIDWEST REGION 5-STATE – An initial non-recurring charge applies per brand, per Operator Assistance Switch, per trunk group for the establishment of CLEC specific branding. In addition, a per call charge applies for every OS call handled by AT&T MIDWEST REGION 5-STATE on behalf of CLEC when such services are provided in conjunction with the purchase of AT&T MIDWEST REGION 5-STATE 251(c)(3) unbundled local switching. An additional non-recurring charge applies per brand, per Operator assistance switch, per trunk group for each subsequent change to the branding announcement.

4.1.1.5.3 AT&T-2STATE – An initial non-recurring charge applies per state, per brand, per Operator assistance switch, for the establishment of CLEC specific branding. An additional non-recurring charge applies per state, per brand, per Operator assistance switch for each subsequent change to the branding announcement.

4.1.1.5.4 AT&T CONNECTICUT – An initial non-recurring charge applies per brand, per load, per Operator assistance switch for the establishment of CLEC specific branding. An additional non-recurring charge applies per brand, per load, per Operator assistance switch for each subsequent change to the branding announcement.

5. OPERATOR SERVICES (OS) REFERENCE/RATER INFORMATION

5.1 An AT&T database referenced by an AT&T Operator for CLEC OS specific Reference/Rater information based upon the criteria.

5.1.1 Where technically feasible and/or available, AT&T-12STATE will provide CLEC OS Rate/Reference Information based upon the criteria outlined below:

5.1.1.1 CLEC will furnish OS Reference and Rater information in accordance with the process outlined in the Operator Services Questionnaire (OSQ).

5.1.1.2 CLEC will inform AT&T-12STATE, via the Operator Services Questionnaire (OSQ) of any changes to be made to Reference/Rater information.

5.1.1.3 An initial non-recurring charge will apply per state, per Operator assistance switch for loading of CLEC's OS Reference/Rater information. An additional non-recurring charge will apply per state, per Operator assistance switch for each subsequent change to either the CLEC's OS Reference or Rater information.

5.1.2 When an AT&T-12STATE Operator receives a rate request from a CLEC End User, AT&T-12STATE will quote the applicable OS rates as provided by CLEC or as otherwise defined below.

5.1.2.1 AT&T CONNECTICUT - until technically feasible and/or available, when a AT&T CONNECTICUT Operator receives a rate request from a CLEC end user, AT&T CONNECTICUT will quote the surcharge rate only.

6. INTRALATA MESSAGE RATING

6.1 AT&T SOUTHWEST REGION 5-STATE - Upon request, CLEC may opt to purchase intraLATA Message Rating Service. This service provides the message rating function on all AT&T SOUTHWEST REGION 5-STATE Operator assisted intraLATA calls. With this service, AT&T SOUTHWEST REGION 5-STATE will compute the applicable charges for each message based on CLEC's schedule of rates provided to AT&T SOUTHWEST REGION 5-STATE.

7. HANDLING OF EMERGENCY CALLS TO OPERATOR

7.1 To the extent CLEC's NXX encompasses multiple emergency agencies, AT&T-13STATE agrees to ask the caller for the name of his/her community and to transfer the caller to the appropriate emergency agency for the caller's area. CLEC must provide AT&T-13STATE with the correct information to enable the transfer as required by the OSQ. CLEC will also provide default emergency agency numbers to use when the customer is unable to provide the name of his/her community. When the assistance of another Carrier's operator is required, AT&T-13STATE will attempt to reach the appropriate operator if the network facilities for inward assistance exist. CLEC agrees to indemnify, defend, and hold harmless AT&T-13STATE from any and all actions, claims, costs, damages, lawsuits, liabilities, losses and expenses, including reasonable attorney fees, arising from any misdirected calls.

8. RESPONSIBILITIES OF THE PARTIES

8.1 Subject to the limitations set forth in Section 1.1. above, CLEC agrees that upon its election to procure OS from AT&T-13STATE, due to quality of service and work force scheduling, AT&T-13STATE will be the sole provider of OS for CLEC's local serving area(s) for a minimum of a one (1) year period.

8.2 CLEC will be responsible for providing the equipment and facilities necessary for signaling and routing calls with Automatic Number Identification (ANI) to each AT&T-13STATE Operator assistance switch. Should CLEC seek to obtain interexchange OS from AT&T-13STATE, CLEC is responsible for ordering the necessary facilities under the appropriate interstate or intrastate Access Service Tariffs. Nothing in this Agreement in any way changes the manner in which an interexchange Carrier obtains access service for the purpose of originating or terminating interexchange traffic.

8.3 Facilities necessary for the provision of OS shall be provided by the Parties hereto, using standard trunk traffic engineering procedures to insure that the objective grade of service is met. Each party shall bear the costs for its own facilities and equipment.

8.4 CLEC will furnish to AT&T-13STATE a completed OSQ, thirty (30) calendar days in advance of the date when the OS are to be undertaken.

8.5 CLEC will provide AT&T-13STATE updates to the OSQ fourteen (14) calendar days in advance of the date when changes are to become effective.

8.6 CLEC understands and acknowledges that before live traffic can be passed, CLEC is responsible for obtaining and providing to AT&T-13STATE, default emergency agency numbers.

9. METHODS AND PRACTICES

9.1 AT&T-13STATE will provide OS to CLEC's End Users in accordance with AT&T-13STATE OS methods and practices that are in effect at the time the OS call is made, unless otherwise agreed in writing by both Parties.

10. PRICING

10.1 The prices at which AT&T-13STATE agrees to provide CLEC with OS are contained in the applicable Appendix Pricing and/or the applicable Commission ordered tariff where stated.

10.2 Beyond the specified term of this Appendix, AT&T-13STATE may change the prices for the provision of OS upon one hundred-twenty (120) calendar days' notice to CLEC.

11. MONTHLY BILLING

11.1 For information regarding billing, non-payment, disconnection, and dispute resolution, see the General Terms and Conditions of this Agreement.

11.2 AT&T-13STATE will accumulate and provide CLEC such data as necessary for CLEC to bill its End Users.

12. LIABILITY

12.1 The provisions set forth in the General Terms and Conditions of this Agreement, including but not limited to those relating to limitation of liability and indemnification, shall govern performance under this Appendix.

12.2 CLEC also agrees to release, defend, indemnify, and hold harmless AT&T-13STATE from any claim, demand or suit that asserts any infringement or invasion of privacy or confidentiality of any person or persons caused or claimed to be caused, directly, or indirectly, by AT&T-13STATE employees and equipment associated with provision of the OS Services, including but is not limited to suits arising from disclosure of the telephone number, address, or name associated with the telephone called or the telephone used to call Operator Services.

13. TERMS OF APPENDIX

13.1 Appendix will continue in force for the length of the Interconnection Agreement, but no less than twelve (12) months. At the expiration of the term of the Interconnection Agreement to which this Appendix is attached or twelve (12) months, whichever occurs later, either Party may terminate this agreement upon one hundred-twenty (120) calendar days written notice to the other Party.

13.2 If CLEC terminates this Appendix prior to the expiration of the term of this Appendix, CLEC shall pay AT&T-13STATE, within thirty (30) days of the issuance of any bills by AT&T-13STATE, all amounts due for actual services provided under this Appendix, plus estimated monthly charges for the unexpired portion of the term. Estimated charges will be based on an average of the actual monthly service provided by AT&T-13STATE pursuant to this Appendix prior to its termination.

APPENDIX
INTERCARRIER COMPENSATION

(AFTER FCC ORDER NO. 01-131, AGREEING TO EXCHANGE ONLY ISP-BOUND TRAFFIC AT THE FCC RATES IN CERTAIN STATES, WHERE APPLICABLE)

TABLE OF CONTENTS

1. SCOPE OF APPENDIX 3

2. ILEC DESIGNATIONS 3

3. INTENTIONALLY LEFT BLANK 4

4. RESPONSIBILITIES OF THE PARTIES 5

5. RECIPROCAL COMPENSATION FOR TERMINATION OF SECTION 251(b)(5) TRAFFIC 6

6. RATES, TERMS AND CONDITIONS OF FCC'S INTERIM ISP TERMINATING COMPENSATION PLAN 9

7. OTHER TELECOMMUNICATIONS TRAFFIC 10

8. OPTIONAL CALLING AREA TRAFFIC – AT&T ARKANSAS, AT&T KANSAS, AND AT&T TEXAS 11

9. MCA TRAFFIC -- AT&T MISSOURI 12

10. PRIMARY TOLL CARRIER ARANGEMENTS 12

11. INTRALATA 800 TRAFFIC 13

12. MEET POINT BILLING (MPB) AND SWITCHED ACCESS TRAFFIC COMPENSATION 13

13. COMPENSATION FOR ORIGINATION AND TERMINATION OF INTERLATA TRAFFIC NOT SUBJECT TO MEET POINT BILLING 14

14. INTRALATA TOLL TRAFFIC COMPENSATION 14

15. BILLING ARRANGEMENTS FOR TERMINATION OF SECTION 251(b)(5), OPTIONAL EAS ISP-BOUND AND INTRALATA TOLL TRAFFIC 14

16. RESERVATION OF RIGHTS AND SPECIFIC INTERVENING LAW TERMS 15

17. SWITCHED ACCESS TRAFFIC 16

APPENDIX INTERCARRIER COMPENSATION

1. SCOPE OF APPENDIX

1.1 This Appendix sets forth the terms and conditions for Intercarrier Compensation of intercarrier telecommunications traffic between the applicable AT&T Inc (AT&T) owned Incumbent Local Exchange Carrier and CLEC, but only to the extent they are interconnected and exchanging calls pursuant to a fully executed, underlying Interconnection Agreement approved by the applicable state or federal regulatory agency for telecommunications traffic in the applicable state(s).

1.2 The provisions of this Appendix apply to telecommunications traffic originated and/or terminated over a carriers facilities or over any combination of Network Elements purchased by CLEC from AT&T 13-STATE on a wholesale basis.

1.3 The provisions of this Appendix do not apply to traffic originated over services provided under local Resale service pursuant to 251(c)(4) of the Act. AT&T-13STATE will compensate the terminating carrier in accordance with this Appendix for Section 251(b)(5) Traffic, ISP-Bound Traffic, Optional EAS Traffic (also known as "Optional Calling Area Traffic") and IntraLATA Toll Traffic that originates from an end user that is served by a carrier providing telecommunications services utilizing AT&T-13STATE's Resale Service.

1.4 Any inconsistencies between the provisions of this Appendix and other provisions of the underlying Agreement shall be governed by the provisions of this Appendix.

2. ILEC DESIGNATIONS

2.1 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, L.P. 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.

2.2 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.

2.3 AT&T-4STATE - As used herein, AT&T-4STATE means Southwestern Bell Telephone, L.P. 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.

2.4 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.

2.5 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.

2.6 AT&T-10STATE - As used herein, AT&T-10STATE means AT&T SOUTHWEST REGION 5-STATE and AT&T MIDWEST REGION 5-STATE, the applicable AT&T-owned ILEC(s) doing business in Arkansas, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Texas, and Wisconsin.

2.7 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.

2.8 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.

2.9 AT&T ARKANSAS - As used herein, AT&T ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Arkansas, the applicable AT&T-owned ILEC doing business in Arkansas.

2.10 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.

2.11 AT&T KANSAS - As used herein, AT&T KANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Kansas, the applicable AT&T-owned ILEC doing business in Kansas.

2.12 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.

2.13 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.

2.14 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 doing business in Michigan.

2.15 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.

2.16 AT&T MISSOURI - As used herein, AT&T MISSOURI means Southwestern Bell Telephone, L.P. d/b/a AT&T Missouri, the applicable AT&T-owned ILEC doing business in Missouri.

2.17 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.

2.18 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.

2.19 AT&T OKLAHOMA - As used herein, AT&T OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a AT&T Oklahoma, the applicable AT&T-owned ILEC doing business in Oklahoma.

2.20 AT&T CONNECTICUT - As used herein, AT&T CONNECTICUT means The Southern New England Telephone Company d/b/a AT&T Connecticut, the applicable above listed ILEC doing business in Connecticut.

2.21 AT&T SOUTHWEST REGION 5-STATE - As used herein, AT&T SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone, L.P. 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.

2.22 AT&T TEXAS – As used herein, AT&T TEXAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Texas, the applicable AT&T-owned ILEC doing business in Texas.

2.23 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.

3. INTENTIONALLY LEFT BLANK

4. RESPONSIBILITIES OF THE PARTIES

4.1 Each Party to this Agreement will be responsible for sending the Calling Party Number (CPN) for calls originating on its network and passed to the network of the other Party. Each Party to this Agreement will be responsible for passing on any CPN it receives from a third party for traffic delivered to the other Party.

4.2 For all traffic originated on a Party's network including, without limitation, Interexchange Circuit-Switched Traffic, IP Traffic and wireless traffic, such Party shall provide CPN as defined in 47 C.F.R. § 64.1600(c) ("CPN") in accordance with Section 4.4. In addition, each Party agrees that it shall not strip, alter, modify, add, delete, change, or incorrectly assign any CPN. To the extent technically feasible, each Party shall also provide Originating Carrier Number ("OCN") for Telecommunications Traffic originating on its network and passed to the network of the other party to identify traffic that originates from an end user being served by a third party telecommunications carrier using an AT&T 12-STATE non-resale offering whereby AT&T 12-STATE provides the end office switching on a wholesale basis as outlined in Section 15.1.3 below. If either party identifies improper, incorrect, or fraudulent use of local exchange services (including, but not limited to PRI, ISDN and/or Smart Trunks), or identifies stripped, altered, modified, added, deleted, changed, and/or incorrectly assigned CPN, the Parties agree to cooperate with one another to investigate and take corrective action to identify originating carrier.

4.3 If one Party is passing CPN and/or OCN, to the extent technically feasible, but the other Party is not properly receiving such information, the Parties will work cooperatively to correct the problem.

4.4 For traffic which is delivered by one Party to be terminated on the other Party's network in AT&T SOUTHWEST REGION 5-STATE, AT&T MIDWEST REGION 5-STATE and AT&T CONNECTICUT, if the percentage of such calls passed with CPN is greater than ninety percent (90%), all calls delivered by one Party to the other for termination without CPN will be billed as either Section 251(b)(5) Traffic or IntraLATA Toll Traffic in direct proportion to the total MOUs of calls delivered by one Party to the other with CPN. If the percentage of calls passed with CPN is less than 90%, all calls delivered by one Party to the other without CPN will be billed at Intrastate Switched Access rates.

4.5 Intentionally Left Blank

4.6 CLEC may amend the Agreement to make a one-time election, per state, to modify its initial selection, made upon execution of this Agreement, to exchange only ISP-Bound Traffic at the FCC rates in AT&T 12-STATE. At that time, it may elect to Exchange all ISP-Bound Traffic and all Section 251(b)(5) Traffic at the FCC's Interim ISP Terminating Compensation Plan Rate or another rate mutually agreed to by the Parties in AT&T 12-STATE. CLEC will operate pursuant to the provisions of the option elected at the time of execution of this Agreement until such amendment is approved by the Commission.

4.7 For those usage based charges where actual charge information is not determinable by AT&T 2-STATE because the jurisdiction (i.e., intrastate vs. local) or origin of the traffic is unidentifiable, the Parties will jointly develop a Percent Local Usage (PLU) factor in order to determine the appropriate charges to be billed to the terminating party in accordance with Section 15.2 below.

4.8 CLEC has the sole obligation to enter into intercarrier compensation arrangements with third party telecommunications carriers regarding CLEC's traffic and such other carriers' traffic, including without limitation any where CLEC originates traffic to or terminates traffic from an end user being served by a third party telecommunications carrier using an AT&T 13-STATE non-resale offering whereby AT&T 13-STATE provides the end office switching on a wholesale basis to such telecommunications carrier, and by which such telecommunications carrier uses it to offer to end users wireline local telephone exchange service. In no event will AT&T 13-STATE have any liability to CLEC or any third party if CLEC fails to enter into such compensation arrangements. In the event that traffic is exchanged with a third party carrier with whom CLEC does not have a traffic compensation agreement, CLEC will indemnify, defend and hold harmless AT&T 13-STATE against any and all losses including without limitation, charges levied by such

third party carrier. The third party carrier and CLEC will bill their respective charges directly to each other. AT&T 13-STATE will not be required to function as a billing intermediary, e.g., clearinghouse. AT&T 13-STATE may provide information regarding such traffic to other telecommunications carriers or entities as appropriate to resolve traffic compensation issues.

4.9 The Parties agree that, notwithstanding the classification of traffic under this Appendix, either Party is free to define its own "local" calling area(s) for purposes of its provision of telecommunications services to its end users.

4.10 For Section 251(b)(5) Traffic, ISP-Bound Traffic, Optional EAS Traffic, and IntraLATA toll, the Party whose End User originates such traffic shall compensate the Party who terminates such traffic to its End User for the transport and termination of such traffic at the applicable rate(s) provided in this Appendix and Appendix Pricing and/or the applicable switched access tariffs. In AT&T CONNECTICUT, when CLEC utilizes AT&T CONNECTICUT's Lawful Unbundled Local Switching to provide service to its end users, all Section 251(b)(5) Traffic, ISP-Bound Traffic, Optional EAS Traffic, and IntraLATA Toll Traffic originated by CLEC's end users are not subject to intercarrier compensation as addressed in Section 5.8.3 below.

4.11 The Parties' obligation to pay intercarrier compensation to each other shall commence on the date the Parties agree that the interconnection is complete (i.e., each Party has established its originating trunks as well as all ancillary traffic trunking such a 911 trunks). The Parties agree that test traffic is not subject to compensation pursuant to this Appendix Reciprocal Compensation.

5. RECIPROCAL COMPENSATION FOR TERMINATION OF SECTION 251(b)(5) TRAFFIC

5.1 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.

5.2 Intentionally Omitted

AT&T-12STATE made an offer (the "Offer") to all telecommunications carriers to exchange Section 251(b)(5) Traffic and ISP-Bound Traffic on and after the designated dates provided below pursuant to the terms and conditions of the FCC's interim ISP terminating compensation plan of the FCC's Order on Remand and Report and Order, In the Matter of Implementation of the Local Competition 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") which was remanded but not vacated in *WorldCom, Inc. v. FCC*, No. 01-1218 (D.C. Cir. 2002).

5.3 AT&T-13STATE and CLEC agree to carry out the FCC's interim ISP terminating compensation plan on the date designated by AT&T-13STATE in a particular state without waiving, and expressly reserving, all appellate rights to contest FCC, judicial, legislative, or other regulatory rulings regarding ISP -Bound traffic, including but not limited to, appeals of the FCC's ISP Compensation Order. By agreeing to this Appendix, both Parties reserve the right to advocate their respective positions before courts, state or federal commissions, or legislative bodies.

5.3.1 Should a regulatory agency, court or legislature change or nullify the AT&T-13STATE's designated date to begin billing under the FCC's ISP terminating compensation plan, then the Parties also agree that any necessary billing true ups, reimbursements, or other accounting adjustments shall be made symmetrically and to the same date that the FCC terminating

compensation plan was deemed applicable to all traffic in that state exchanged under Section 251(b)(5) of the Act. By way of interpretation, and without limiting the application of the foregoing, the Parties intend for retroactive compensation adjustments, to the extent they are ordered by Intervening Law, to apply uniformly to all traffic among AT&T-13STATE, CLEC and Commercial Mobile Radio Service (CMRS) carriers in the state where traffic is exchanged as Local Calls within the meaning of this Appendix.

5.4 In AT&T 12STATE the rates, terms and conditions for compensation of Section 251(b)(5) Traffic, as defined in Section 5.1, are set forth in Sections 5.3 through 5.8.3 and ISP-Bound Traffic, as defined in Section 6.1 will be compensated at the FCC's interim ISP terminating compensation rate as set forth in Section 6.3.2 below in a specific state on the later of (i) the Effective Date of this Agreement and (ii) the effective date of the offer in a particular state. The Parties acknowledge that AT&T 12-STATE has made such offer in its respective states of (i) Indiana, Ohio, Texas and Wisconsin effective on and after June 1, 2003, (ii) Arkansas and Michigan effective on and after July 6, 2003, California effective on and after August 1, 2003, and (iv) Illinois effective on and after September 1, 2003; Kansas, Missouri, Oklahoma and Nevada on and after June 1, 2004. Until and unless AT&T CONNECTICUT chooses to offer to exchange Section 251(b)(5) Traffic and ISP-Bound Traffic on and after a designated date pursuant to the terms and conditions of the FCC's interim ISP terminating compensation plan, the compensation set forth below in Sections 5.3 through 5.8 will apply to all Section 251(b)(5) Traffic and ISP-Bound Traffic as for that particular state.

5.5 Bifurcated Rates (Call Set Up and Call Duration). The Parties agree to compensate each other for the termination of Section 251(b)(5) Traffic and ISP-Bound Traffic (if applicable in accordance with Section 5.0), on a "bifurcated" basis, meaning assessing an initial Call Set Up charge on a per Message basis, and then assessing a separate Call Duration charge on a per Minute of Use (MOU) basis, wherever per Message and/or per minute of use charges are applicable. The following rate elements apply, but the corresponding rates are shown in Appendix Pricing:

5.6 Tandem Serving Rate Elements are applicable to Tandem Routed Traffic on a terminating MOU basis and includes compensation for the following sub-elements:

5.6.1 Tandem Switching - compensation for the use of tandem switching only consisting of a duration (per minute) rate element.

5.6.2 Tandem Transport - compensation for the transmission facilities between the local tandem and the end offices subtending that tandem consisting of a transport termination (per minute) rate element and transport facility mileage (per minute, per mile) rate element.

5.6.3 End Office Switching in a Tandem Serving Arrangement - compensation for the local end office switching and line termination necessary to complete the transmission in a tandem-served arrangement. It consists of a call set-up rate (per message) and a call duration (per minute) rate.

5.7 End Office Serving Rate Elements:

5.7.1 End Office Switching - compensation for the local end office switching and line termination necessary to complete the transmission in an end office serving arrangement. It consists of a call set-up rate (per message) and a call duration (per minute) rate.

5.8 If CLEC has not affirmatively demonstrated that its switch serves a geographic area comparable to the area served by AT&T 13STATE's tandem switch pursuant to 47 C.F.R. §51.711 (a)(3) as set forth in Section 5.10 below, it shall only be paid End Office Serving Rate Elements.

5.9 The parties agree that all terms and conditions regarding disputed minutes of use, nonpayment, partial payment, late payment, interest on outstanding balances, or other billing and payment terms shall apply to ISP-Bound Traffic the same as for Section 251(b)(5) Traffic under this Appendix.

5.10 Intercarrier Compensation for Wholesale Local Switching Traffic 5.10.1 Where CLEC provides service to a CLEC end user using any combination of network elements that utilizes an AT&T 12-STATE non-resale offering, whereby AT&T 12-STATE provides the end office switching on a wholesale basis, CLEC will deal directly with third party carriers for purposes of reciprocal compensation for calls originated by or terminated to the end users served by such arrangements. AT&T 12-STATE is required to provide CLEC with timely, complete and correct information to enable CLEC to meet the requirements of this section.

5.10.1 The following reciprocal compensation terms shall apply to all traffic exchanged between AT&T 12-STATE end users and CLECs end users that utilize an AT&T 12-STATE non-resale offering whereby AT&T 12-STATE provides the end office switching on a wholesale basis:

5.10.1.1 For intra-switch Section 251(b)(5) Traffic and ISP-Bound Traffic the Parties agree to impose no call termination charges pertaining to reciprocal compensation on each other.

5.10.1.2 For interswitch Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between AT&T 12-STATE end users and CLEC's end users where CLEC purchases any combination of Network Elements from AT&T 12-STATE whereby AT&T 12-STATE provides the end office switching on a wholesale basis, the Parties agree to compensate each other for the termination of such traffic at the End Office Switch rate set forth in Appendix Pricing and as specified in Section 5.6 for the transport and termination of Section 251(b)(5) Traffic, excluding ISP-Bound Traffic and the FCC Plan rate set forth in Section 6.3.2 for the transport and termination of ISP-Bound Traffic.

5.10.2 In AT&T CONNECTICUT, when CLEC utilizes AT&T CONNECTICUT's Lawful ULS (Unbundled Local Switching) to provide service to its end users, AT&T CONNECTICUT will be solely responsible for compensating the terminating third party carrier for Section 251(b)(5) Traffic, ISP-Bound Traffic, Optional EAS Traffic and IntraLATA Toll Traffic that originates from CLEC's end users. CLEC utilizing Lawful Unbundled Local Switching can not seek intercarrier compensation from AT&T CONNECTICUT for Section 251(b)(5) Traffic, ISP-Bound Traffic, Optional EAS Traffic and IntraLATA Toll Traffic that originates from either an AT&T CONNECTICUT end user or a third party carrier's end user.

5.11 Tandem Interconnection Rate Application

5.11.1 Transport and termination rates will vary according to whether the traffic is routed through a tandem switch or directly to an end office switch. Where CLEC has not affirmatively demonstrated that its switch serves a geographic area comparable to the area served by AT&T 13STATE's tandem switch, CLEC shall be entitled to receive the End Office Switching rate set forth in Section 5.8 above.

5.11.2 To qualify for the tandem interconnection rate pursuant to 47 C.F.R. §51.711 (a)(3), CLEC must affirmatively demonstrate that its switch actually serves a geographic area comparable to the area served by AT&T 13STATE's tandem switch. At such time that CLEC seeks tandem switching compensation, the parties will work cooperatively to determine whether CLEC's switch is actually serving a geographic area comparable to the AT&T 13STATE's tandem switch by any means mutually agreed by the Parties.

5.11.3 Should disputes arise regarding whether CLEC's switch has affirmatively demonstrated that its switch actually serves a geographic area comparable to the area served by an AT&T 13STATE tandem switch, as described above, the Parties shall utilize the Dispute Resolution procedures in this Agreement to resolve the dispute. CLEC may affirmatively demonstrate that its switch is actually serving a geographic area comparable to the area served by an AT&T 13STATE's tandem switch in either an arbitration proceeding or other appropriate proceeding designated by the Commission, such as a post-interconnection agreement dispute proceeding using various network design factors. If CLEC affirmatively demonstrates that its switch is actually serving a geographic area comparable to the AT&T 13STATE's tandem switch in either an arbitration proceeding or other appropriate proceeding designated by the Commission, at the conclusion of such proceeding, the tandem switching and transport rates shall be applied on a retroactive basis to the date that CLEC first sought such compensation. During the pendency of any such proceedings for tandem interconnection rate application, the Parties will remain obligated to pay the rates for Section 251(b)(5) traffic as set forth in Section 5.7.1 above.

6. RATES, TERMS AND CONDITIONS OF FCC'S INTERIM ISP TERMINATING COMPENSATION PLAN

6.1 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 telecommunications traffic 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.

In states in which AT&T-13STATE has offered to exchange Section 251(b)(5) Traffic and ISP-Bound traffic pursuant to the FCC's interim ISP terminating compensation plan set forth in the FCC ISP Compensation Order, traffic is presumed to be ISP-Bound Traffic in accordance with the rebuttable presumption set forth in Section 6.7 of this Appendix.

6.2 The Parties hereby agree that the following rates, terms and conditions set forth in Sections 6.1 through 6.8 shall apply only to the termination of all ISP-Bound Traffic exchanged between the Parties in each of the applicable state(s) AT&T-13STATE has made an offer as described in Section 5 above effective on the later of (i) the Effective Date of this Agreement and (ii) the effective date of the offer in the particular state.

6.3 Intercarrier Compensation for all ISP-Bound Traffic

6.3.1 The rates, terms, conditions in Sections 6.2 through 6.6 apply only to the termination of all ISP-Bound Traffic as defined in Section 6.1 above and ISP-Bound Traffic.

6.3.2 The Parties agree to compensate each other for the transport and termination of all ISP-Bound Traffic on a minute of use basis, at $.0007 per minute of use.

6.3.3 Payment of Intercarrier Compensation on ISP-Bound Traffic will not vary according to whether the traffic is routed through a tandem switch or directly to an end office switch.

6.4 ISP-Bound Traffic Rebuttable Presumption

6.4.1 In accordance with Paragraph 79 of the FCC's ISP Compensation Order, the Parties agree that there is a rebuttable presumption that any of the combined Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between the Parties exceeding a 3:1 terminating to originating ratio is presumed to be ISP-Bound Traffic subject to the compensation in this Section 6.0. Either Party has the right to rebut the 3:1 ISP-Bound Traffic presumption by identifying the actual ISP-Bound Traffic by any means mutually agreed by the Parties, or by any method approved by the Commission. If a Party seeking to rebut the presumption takes appropriate action at the Commission pursuant to Section 252 of the Act and the Commission agrees that such Party has rebutted the presumption, the methodology and/or means approved by the Commission for use in determining the ratio shall be utilized by the Parties as of the date of the Commission approval and, in addition, shall be utilized to determine the appropriate true-up as described below. During the pendency of any such proceedings to rebut the presumption, the Parties will remain obligated to pay the presumptive rates (the rates set forth in Section 5 for traffic below a 3:1 ratio, the rates set forth in Section 6.3.2 for traffic above the ratio) subject to a true-up upon the conclusion of such proceedings. Such true-up shall be retroactive back to the date a Party first sought appropriate relief from the Commission.

6.4.2 For combined Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between the Parties which does not exceed a 3:1 terminating to originating ratio as set forth in Section 6.7 above, such traffic shall be defined as "In-Balance" traffic. Each party will invoice the other party on a monthly basis for such "In-Balance" traffic at the reciprocal compensation rates set forth in Section 5.0 for Section 251(b)(5) Traffic and the FCC's interim ISP terminating compensation rate set forth in Section 6.3.2 for ISP-Bound Traffic for such "In-Balance" traffic.

6.4.3 For combined Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between the Parties exceeding a 3:1 terminating to originating ratio as set forth in Section 6.7 above, such traffic shall be defined as "Out-of-Balance" traffic. The Carrier whose traffic is "Out-of-Balance" will, on a monthly basis, calculate the amount of traffic that will be invoiced as follows: (1) for Section 251(b)(5) traffic, the rates shall be the reciprocal compensation rates set forth in Section 5.0; (2) for ISP-Bound Traffic, the rates shall be the FCC's interim ISP terminating compensation rates set forth in Section 6.3.2.

7. OTHER TELECOMMUNICATIONS TRAFFIC

7.1 Except as set forth in section 6 above, the terms of this appendix are not applicable to (i) interstate or intrastate Exchange Access traffic, (ii) Information Access traffic, or (iii) any other type of traffic found to be exempt from reciprocal compensation by the FCC or the Commission, with the exception of ISP-Bound Traffic which is addressed in this Appendix. All Exchange Access traffic and IntraLATA Toll Traffic shall continue to be governed by the terms and conditions of the applicable federal and state tariffs.

7.2 Foreign Exchange (FX) services are retail service offerings purchased by FX customers which allow such 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), or if jointly provisioned FGA service, subject to the terms and conditions of Appendix FGA.

7.2.1 FX Traffic is not Section 251(b)(5) Traffic and instead the transport and termination compensation for FX Traffic is subject to a Bill and Keep arrangement in AT&T 2-STATE, AT&T MIDWEST REGION 5-STATE, AT&T CONNECTICUT, AT&T ARKANSAS, AT&T KANSAS, AT&T MISSOURI AND AT&T OKLAHOMA.

7.2.1.1 To the extent that ISP-Bound Traffic is provisioned via an FX-type arrangement, such traffic is subject to a Bill and Keep arrangement. "Bill and Keep" refers to an arrangement in which neither of two interconnecting parties charges the other for terminating FX traffic that originates on the other party's network.

7.2.2 Pursuant to the Texas Commission Arbitration Award in Docket 24015, the Oklahoma Commission Arbitration Award in AT&T Arbitration Cause No. PUD 200000587, Order No. 449960 and the Connecticut Commission order in Docket No. 01-01-29, the transport and termination compensation for Virtual FX, Dedicated FX, and FX-type Traffic will be originating access charges in AT&T TEXAS ,AT&T OKLAHOMA and AT&T CONNECTICUT

7.2.2.1 To the extent that ISP-Bound Traffic is provisioned via an FX-type arrangement, such traffic is subject to originating access charges in AT&T OKLAHOMA and a bill and keep arrangement in AT&T TEXAS and AT&T CONNECTICUT.

7.3 Private Line Services include private line-like and special access services and are not subject to intercarrier compensation. Private Line Services are defined as dedicated Telecommunications channels provided between two points or switched among multiple points and are used for voice, data, audio or video transmission. Private Line services include, but are not limited to, WATS access lines.

7.4 The Parties recognize and agree that ISP and Internet traffic (excluding ISP-Bound Traffic as defined in Section 6.1) could also be exchanged outside of the applicable local calling scope, or routed in ways that could make the rates and rate structure in Sections 5 and 6 above not apply, including but not limited to ISP calls that fit the underlying Agreement's definitions of:

- FX Traffic
- Optional EAS Traffic
- IntraLATA Interexchange Traffic
- InterLATA Interexchange Traffic
- 800, 888, 877, ("8YY") Traffic
- Feature Group A Traffic
- Feature Group D Traffic

7.5 The Parties agree that, for the purposes of this Appendix, either Parties' End Users remain free to place ISP calls under any of the above classifications. Notwithstanding anything to the contrary herein, to the extent such ISP calls are placed, the Parties agree that Sections 5 and 6 above do not apply. The applicable rates, terms and conditions for: (a) FX Traffic are set forth in Section 7.2; (b), Optional EAS Traffic are set forth in Section 8;, (c) 8YY Traffic are set forth in Section 11; (d) Feature Group A Traffic are set forth in Section 7.2;, (e) Feature Group D Traffic are set forth in Section 13; (f) IntraLATA Toll Traffic are set forth in Section 14; and/or (g) InterLATA Traffic are set forth in Section 13.

8. OPTIONAL CALLING AREA TRAFFIC – AT&T ARKANSAS, AT&T KANSAS, AND AT&T TEXAS

8.1 In accordance with AT&T ARKANSAS, AT&T KANSAS and AT&T TEXAS tariffs, Optional EAS, also known as Optional Calling Area Traffic, is defined as a service which enlarges a customer's local calling scope and permits subscribers between exchanges that are contiguous or that are contained within a continuous boundary, to call each other for an additional monthly charge. Extended Area Calling Service (EACS) plans may be either one-way or two way. The Optional EAS compensation rate applies to all terminating traffic for calls to and from end users physically located in specific areas designated as

Commission approved Optional EAS route(s) in accordance with AT&T ARKANSAS', AT&T KANSAS' and AT&T TEXAS' tariffs. Notwithstanding anything to the contrary herein, the Optional EAS compensation rate shall not apply to FX Traffic.

8.2 In the context of this Appendix, Optional Calling Areas (OCAs) exist only in the states of Arkansas, Kansas and Texas, and are outlined in the applicable state Local Exchange tariffs. This rate is independent of any retail service arrangement established by either Party. CLEC and AT&T ARKANSAS, AT&T KANSAS, and AT&T TEXAS are not precluded from establishing its own local calling areas or prices for purposes of retail telephone service; however the terminating rates to be used for any such offering will still be administered as described in this Appendix.

8.3 The state specific OCA Transport and Termination rates are outlined in Appendix Pricing.

9. MCA TRAFFIC -- AT&T MISSOURI

9.1 For compensation purposes in the state of Missouri, Section 251(b)(5) Traffic and ISP-Bound Traffic shall be further defined as "Metropolitan Calling Area (MCA) Traffic" and "Non-MCA Traffic." MCA Traffic is traffic originated by a party providing a local calling scope plan pursuant to the Missouri Public Service Commission Orders in Case No. TO-92-306 and Case No. TO-99-483 (MCA Orders) and the call is either Section 251(b)(5) Traffic or ISP-Bound Traffic based on the calling scope of the originating party pursuant to the MCA Orders. Non-MCA Traffic is all Section 251(b)(5) Traffic and ISP-Bound Traffic that is not defined as MCA Traffic.

9.1.1 Either party providing Metropolitan Calling Area (MCA) service shall offer the full calling scope prescribed in Case No. TO-92-306, according to the terms of the MCA Orders without regard to the identity of the called party's local service provider. The parties may offer additional toll-free outbound calling or other services in conjunction with MCA service, but in any such offering the party shall not identify any calling scope other than that prescribed in Case No. TO-92-306 as "MCA" service.

9.1.2 Pursuant to the Missouri Public Service Commission Order in Case No. TO-99-483, MCA Traffic shall be exchanged on a bill-and-keep intercompany compensation basis meaning that the party originating a call defined as MCA Traffic shall not compensate the terminating party for terminating the call.

9.2 To the extent required by the Missouri Public Service Commission in Case NO. TO-99-483, the parties agree to use the Local Exchange Routing Guide (LERG) to provision the appropriate MCA NXXs in their networks. The LERG should be updated at least forty-five (45) days in advance of opening a new code to allow the other party the ability to make the necessary network modifications. If the Commission orders the parties to use an alternative other than the LERG, the parties will comply with the Commission's final order.

9.3 If CLEC provides service via resale or in conjunction with ported numbers in the MCA, the appropriate MCA NXXs will be updated by AT&T SOUTHWEST REGION 5-STATE.

10. PRIMARY TOLL CARRIER ARRANGEMENTS

10.1 A Primary Toll Carrier (PTC) is a company that provides IntraLATA Toll Service for its own end user customers and potentially for a third party ILEC's end user customers. In this third party ILEC arrangement, the PTC would receive the third party ILEC end user intraLATA toll traffic revenues and pay the third party ILEC for originating these toll calls (originating access and billing & collection charges). The PTC would also pay the terminating access charges on behalf of the third party ILEC. In those AT&T-13STATEs where Primary Toll Carrier arrangements are mandated and for the intraLATA toll traffic which is subject to a PTC arrangement and where AT&T-13STATE is functioning as the PTC for a third party ILEC's end user customers:

(i) AT&T-13STATE shall deliver such intraLATA toll traffic that originated from that third party ILEC and terminated to CLEC as the terminating carrier in accordance with the terms and conditions of

such PTC arrangement mandated by the respective state Commission. AT&T-13STATE shall pay the CLEC on behalf of the originating third party ILEC for the termination of such intraLATA toll traffic at the terminating access rates as set forth in the CLEC's Intrastate Access Service Tariff, and/or

(ii) AT&T-13STATE shall deliver such intraLATA toll traffic that originated from CLEC and terminated to third party ILEC as the terminating carrier in accordance with the terms and conditions of such PTC arrangement mandated by the respective state Commission. CLEC shall pay AT&T-13STATE for the use of its facilities at the access rates as set forth in AT&T-13STATE's Intrastate Access Service Tariff. CLEC shall pay the third party ILEC for the termination of such traffic originated from CLEC.

11. INTRALATA 800 TRAFFIC

11.1 Until and unless a new industry format is required by the Ordering and Billing Forum, the Parties shall provide to each other intraLATA 800 Access Detail Usage Data for Customer billing and intraLATA 800 Copy Detail Usage Data for access billing in Exchange Message Interface (EMI) format. The Parties agree to provide this data to each other at no charge on a monthly basis. In the event of errors, omissions, or inaccuracies in data received from either Party, the liability of the Party providing such data shall be limited to the provision of corrected data only. If the originating Party does not send an End User billable record to the terminating Party, the originating Party will not bill the terminating Party any interconnection charges for this traffic.

11.2 IntraLATA 800 Traffic calls are billed to and paid for by the called or terminating Party, regardless of which Party performs the 800 query. Billing shall be based on originating and terminating NPA/NXX.

11.3 For IntraLATA 8YY Traffic offered as a toll free service call that has been translated to a Plain Old Telephone Service (POTS) routable number via the toll free data base that is exchanged between CLEC and AT&T 13STATE in which the originating end user of one Party and the terminating end user of the other Party are both physically located in the same local or mandatory local calling area, such traffic will be subject to compensation defined in Section 5.0 for the termination of Section 251(b)(5) Traffic or ISP-Bound traffic pursuant to the terms and conditions of the FCC terminating compensation plan as defined in Section 6.0, in addition to the applicable originating access charges as defined in the parties' respective access tariffs.

12. MEET POINT BILLING (MPB) AND SWITCHED ACCESS TRAFFIC COMPENSATION

12.1 Intercarrier compensation for Switched Access Traffic shall be on a Meet Point Billing ("MPB") basis as described below.

12.2 The Parties will establish MPB arrangements in order to provide Switched Access Services via the respective carrier's Tandem Office Switch, in accordance with the MPB guidelines contained in the Ordering and Billing Forum's MECOD and MECAB documents, as amended from time to time.

12.3 Billing for the Switched Exchange Access Services jointly provided by the Parties via MPB arrangements shall be according to the multiple bill single tariff method. 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. The residual interconnection charge (RIC), if any, will be billed by the Party providing the end office function.

12.4 The Parties will maintain provisions in their respective federal and state access tariffs, or provisions within the National Exchange Carrier Association (NECA) Tariff No. 4, or any successor tariff, sufficient to reflect this MPB arrangement, including MPB percentages.

12.5 As detailed in the MECAB document, the Parties will exchange all information necessary to accurately, reliably and promptly bill third parties for Switched Access Services traffic jointly handled by the Parties via the Meet Point Billing arrangement. Information shall be exchanged in a mutually acceptable electronic file transfer protocol. Where the EMI records cannot be transferred due to a transmission failure, records can

be provided via a mutually acceptable medium. The exchange of Access Usage Records ("AURs") to accommodate MPB will be on a reciprocal, no charge basis. Each Party agrees to provide the other Party with AURs based upon mutually agreed upon intervals.

12.6 MPB shall also apply to all jointly provided Switched Access MOU traffic bearing the 900, or toll free NPAs (e.g., 800, 877, 866, 888 NPAs, or any other non-geographic NPAs). The Party that performs the SSP function (launches the query to the 800 database) will bill the 800 Service Provider for this function.

12.7 Each Party will act as the Official Recording Company for switched access usage when it is jointly provided between the Parties. As described in the MECAB document, the Official Recording Company for tandem routed traffic is: (1) the end office company for originating traffic, (2) the tandem company for terminating traffic and (3) the SSP company for originating 800 traffic.

12.8 AT&T-13STATE and CLEC agree to provide the other Party with notification of any discovered errors in the record exchange process within ten (10) business days of the discovery.

12.9 In the event of a loss of data, both Parties shall cooperate to reconstruct the lost data within sixty (60) days of notification and if such reconstruction is not possible, shall accept a reasonable estimate of the lost data, based upon the most recent consecutive six (6) months of prior usage data.

13. INTENTIONALLY OMITTED

14. INTRALATA TOLL TRAFFIC COMPENSATION

14.1 For intrastate intraLATA toll traffic, compensation for termination of intercompany traffic will be at terminating access rates for Message Telephone Service (MTS) and originating access rates for 800 Service, including the Carrier Common Line (CCL) charge where applicable as set forth in each Party's Intrastate Access Service Tariff.

14.2 For interstate intraLATA intercompany service traffic, compensation for termination of intercompany traffic will be at terminating access rates for MTS and originating access rates for 800 Service including the CCL charge, as set forth in each Party's interstate Access Service Tariff.

15. BILLING ARRANGEMENTS FOR TERMINATION OF SECTION 251(b)(5) TRAFFIC, OPTIONAL EAS TRAFFIC, ISP-BOUND TRAFFIC AND INTRALATA TOLL TRAFFIC

15.1 In AT&T-13STATE, each Party, unless otherwise agreed, will calculate terminating interconnection minutes of use based on standard switch recordings made within the terminating carrier's network for 251(b)(5) Traffic, Optional EAS Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic. These recordings are the basis for each Party to generate bills to the other Party.

15.1.1 Where a terminating CLEC is not technically capable of billing the originating carrier through the use of its own terminating records, AT&T-13STATE will make available to the terminating CLEC appropriate category records that AT&T-13STATE has available, for the purposes of billing intercarrier compensation.

15.1.2 The decision by the CLEC to utilize terminating recordings does not in any way relieve the obligation of the CLEC to exchange the appropriate category of records with other LECs or the obligation of AT&T-13STATE to exchange the appropriate category of records with other LECs.

15.1.3 Where CLEC is using terminating recordings to bill intercarrier compensation, AT&T 12-STATE will provide the terminating Category 11-01-XX records by means of the Daily Usage File (DUF) to identify traffic that originates from an end user being served by a third party telecommunications carrier using an AT&T 12-STATE non-resale offering whereby AT&T 12-STATE provides the end office switching on a wholesale basis. Such records will contain the Operating Company Number

(OCN) of the responsible LEC that originated the calls which CLEC may use to bill such originating carrier for MOUS terminated on CLEC's network.

15.2 For those usage based charges where actual charge information is not determinable by AT&T 2-STATE because the jurisdiction (i.e., intrastate vs. local) or origin of the traffic is unidentifiable, the Parties will jointly develop a Percent Local Usage (PLU) factor in order to determine the appropriate charges. PLU is calculated by dividing the Local MOU delivered to a Party for termination by the total MOU delivered to a Party for termination.

15.2.1 CLEC and AT&T 2-STATE agree to exchange such reports and/or data as provided in this Attachment to facilitate the proper billing of traffic. Either Party may request an audit of such usage reports on no fewer than thirty (30) business days written notice and any audit shall be accomplished during normal business hours at the office of the Party being audited. Such audit must be performed by a mutually agreed-to auditor paid for by the Party requesting the audit. Such audits shall be requested within six months of having received the usage reports from the other Party and may not be requested more than twice per year, once per calendar year for each call detail type unless the audit finds there has been a 20% or higher net error or variance in calculations, in which case a subsequent audit is required. Based upon the audit, previous compensation, billing and/or settlements will be adjusted for the past six (6) months. Also, if the PLU is adjusted based upon the audit results, the adjusted PLU will apply for the six (6) month period following the completion of the audit. If, as a result of the audit, either Party has overstated the PLU or underreported the call detail usage by twenty percent (20%) or more, that Party shall reimburse the auditing Party for the cost of the audit and will pay for the cost of a subsequent audit which is to happen within nine (9) months of the initial audit.

15.3 Intentionally Omitted

15.4 The measurement of minutes of use over Local Interconnection Trunk Groups shall be in actual conversation seconds. The total actual conversation seconds over each individual Local Interconnection Trunk Group will be totaled for the entire monthly bill and then rounded to the next whole minute.

15.5 In the event of a loss of data, both Parties shall cooperate to reconstruct the lost data within sixty (60) days of notification and if such reconstruction is not possible, shall accept a reasonable estimate of the lost data, based upon the most recent consecutive six (6) of prior usage data.

16. RESERVATION OF RIGHTS AND SPECIFIC INTERVENING LAW TERMS

16.1 In the event the pricing scheme in the FCC's Interim ISP Compensation Order (defined in Section 5.2 of this Attachment) is modified, eliminated or replaced, then the Parties agree to negotiate an appropriate amendment to conform to such change in accordance with the Intervening Law provisions of this Agreement and such new or changed provisions will apply on a prospective basis, beginning with the effective date of the new order, unless a determination is made as to retroactive application in the decision rendering such modification, elimination or replacement, in which instance, the new or changed provisions will apply retroactively as set forth in the new order. Either Party may begin billing the other Party according to the terms of the new order, beginning sixty (60) days after delivering a request to negotiate the change. True-up of any retroactive application, for either the amendment negotiation period and/or for the retroactive application period provided in the order, shall occur within one hundred and twenty (120) days of the effective date of the order, or be subject to dispute under Section 9 of the General Terms and Conditions of this Agreement.

16.2 Intentionally Omitted

16.3 AT&T-13STATE and CLEC agree to carry out the FCC's interim ISP terminating compensation plan on the date designated by AT&T-13STATE in a particular state without waiving, and expressly reserving, all appellate rights to contest FCC, judicial, legislative, or other regulatory rulings regarding ISP -Bound traffic,

including but not limited to, appeals of the FCC's ISP Compensation Order. By agreeing to this Appendix, both Parties reserve the right to advocate their respective positions before courts, state or federal commissions, or legislative bodies.

16.4 Should a regulatory agency, court or legislature change or nullify the AT&T-13STATE's designated date to begin billing under the FCC's ISP terminating compensation plan, then the Parties also agree that any necessary billing true ups, reimbursements, or other accounting adjustments shall be made symmetrically and to the same date that the FCC terminating compensation plan was deemed applicable to all traffic in that state exchanged under Section 251(b)(5) of the Act. By way of interpretation, and without limiting the application of the foregoing, the Parties intend for retroactive compensation adjustments, to the extent they are ordered by Intervening Law, to apply uniformly to all traffic among AT&T-13STATE, CLEC and Commercial Mobile Radio Service (CMRS) carriers in the state where traffic is exchanged as Local Calls within the meaning of this Appendix.

16.5 The Parties further acknowledge that federal or state court challenges could be sustained against the FCC's ISP Compensation Order in particular, or against ISP intercarrier compensation generally. In particular, a court could order an injunction, stay or other retroactive ruling on ISP compensation back to the effective date of the FCC's ISP Compensation Order. Alternatively, a court could vacate the underlying Order upon which the compensation was based, and the FCC (either on remand or on its own motion) could rule that past traffic should be paid at different rates, terms or conditions.

16.6 Because of the possibilities in Section 16.5, the Parties agree that should the ISP Compensation Order be modified or reversed in such a manner that prior intercarrier compensation was paid under rates, terms or conditions later found to be null and void, then the Parties agree that, in addition to negotiating appropriate amendments to conform to such modification or reversal, the Parties will also agree that any billing true ups, reimbursements, or other accounting adjustments on past traffic shall be made uniformly and on the same date as for all traffic exchanged under Section 251(b)(5) of the Act. By way of interpretation, and without limiting the application of the foregoing, the Parties intend for retroactive compensation adjustments, to apply to all traffic among AT&T-13STATE and CLEC in the state where traffic is exchanged as Local Calls within the meaning of this Appendix.

16.7 The Parties further acknowledge that the FCC has issued a Notice of Proposed Rulemaking on the topic of Intercarrier Compensation generally. *See, In the Matter of Developing a Unified Intercarrier Compensation Regime*, CC Docket 01-92; established in Notice of Proposed Rulemaking Order No. 01-132, April 27, 2001. In the event that a final, legally binding FCC Order is issued upon the conclusion of that NPRM proceeding and during the term of this Appendix, the Parties agree to conform this Agreement to the compensation procedures set forth in that Order.

17. SWITCHED ACCESS TRAFFIC

17.1 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-13STATE 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 it 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).

17.2 In the limited circumstances in which a third party competitive local exchange carrier delivers Switched Access Traffic as described in Section 17.1 (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 17.1(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.

APPENDIX RECORDING

TABLE OF CONTENTS

1. INTRODUCTION 3
2. DEFINITIONS 3
3. RESPONSIBILITIES OF THE PARTIES 5
4. BASIS OF COMPENSATION 5
5. LIABILITY 6

APPENDIX RECORDING
(Recording, Message Processing And Provision Of Interexchange Carrier Transported Message Detail Appendix)

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions under which AT&T-13STATE will provide recording, message processing and message detail services to a Facility-Based Provider as described in Exhibit I and Exhibit II, Exhibits I and II are part of this Appendix by reference. The terms and conditions under this Appendix will also apply when the Facility-Based Provider is the Recording Company.

1.1.1 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, L.P. 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.

1.1.2 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.

1.1.3 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.

1.1.4 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.

1.1.5 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.

1.1.6 AT&T SOUTHWEST REGION 5-STATE - As used herein, AT&T SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone, L.P. 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.

2. DEFINITIONS

2.1 "Access Usage Record" (AUR) - a message record which contains the usage measurement reflecting the service feature group, duration and time of day for a message and is subsequently used to bill access to Interexchange Carriers (IXCs).

2.2 "Assembly and Editing" - the aggregation of recorded customer message details to create individual message records and the verification that all necessary information required ensuring all individual message records meet industry specifications is present.

2.3 "Billing Company" - the company that bills End Users for the charges incurred in originating and terminating IXC transported calls.

2.4 "Billable Message" - a message record containing details of a completed IXC transported call which is used to bill an end user.

2.5 "Centralized Message Distribution System" (CMDS) - the national network of private line facilities used to exchange Exchange Message Interface (EMI) formatted billing data between AT&T-13STATE and the Billing Company.

2.6 "Data Transmission" - the forwarding by AT&T-13STATE of IXC transported toll message detail and/or access usage record detail in EMR format over data lines or on magnetic tapes to the appropriate Billing Company.

2.7 "Exchange Message Interface" (EMI) - Industry standard message format as described in accordance with the Telcordia Practice BR010-200-010 developed for the interexchange of telecommunications message information.

2.8 "Interexchange Carrier" (IXC) - A third party transmission provider that carries long distance voice and non-voice traffic between user locations for a related recurring fee. IXCs provide service interstate and intrastate. In some states IXCs are permitted to operate within a LATA.

2.9 "Interexchange Carrier Transported" - telecommunications services provided by an IXC or traffic transported by facilities belonging to an IXC.

2.10 "Local Access and Transport Area" (LATA) - service areas defined in FCC Docket 78-72.

2.11 "Message Processing" - the creation of individual EMI formatted billable message detail records from individual recordings that reflect specific billing detail for use in billing the End User and/or access usage records from individual recordings that reflect the service feature group, duration and time of day for a message, Carrier Identification Code, among other fields, for use in billing access to the Interexchange Carriers. Message Processing includes performing CMDS online edits required to ensure message detail and access usage records are consistent with CMDS specifications.

2.12 "Originating Local Exchange Carrier Company" - the company whose local exchange telephone network is used to originate calls thereby providing originating exchange access to IXCs.

2.13 "Provision of Message Detail" - the sorting of all billable message detail and access usage record detail by Revenue Accounting Office, Operating Company Number or Service Bureau, splitting of data into packs for invoicing, and loading of data into files for data transmission to CLEC for those records created internally or received from other Local Exchange Carrier Companies or Interexchange Carriers through AT&T-13STATE's internal network or national CMDS.

2.14 "Record" - a logical grouping of information as described in the programs that process information and create the data files.

2.15 "Recording" - the creation and storage on magnetic tape or other medium of the basic billing details of a message in Automatic Message Accounting (AMA) format converted to EMI layout.

2.16 "Service Switching Point" (SSP) - a signaling point that can launch queries to databases and receive/interpret responses used to provide specific customer services.

2.17 "Recording Company" - the company that performs the functions of recording and message processing of Interexchange Carrier (IXC) transported messages and the provision of message detail.

2.18 "Switching Control Point" (SCP) - the real time database system that contains routing instructions for 800 calls. In addition to basic routing instructions, the SCP may also provide vertical feature translations, i.e., time of day, day of week routing, out of area screening and/or translation of the dialed 800 number to its assigned working telephone number.

2.19 "800 SCP Carrier Access Usage Summary Record" (SCP Record) - a summary record which contains information concerning the quantity and types of queries launched to an AT&T-13STATE SCP.

2.20 "Terminating Local Exchange Carrier Company" - the company whose local exchange telephone network is used to terminate calls thereby providing terminating exchange access to IXCs.

3. RESPONSIBILITIES OF THE PARTIES

3.1 AT&T-13STATE will record all IXC transported messages for CLEC carried over all Feature Group Switched Access Services that are available to AT&T-13STATE provided recording equipment or operators. Unavailable messages (i.e., certain operator messages that are not accessible by AT&T-13STATE -provided equipment or operators) will not be recorded. The recording equipment will be provided at locations selected by AT&T-13STATE.

3.2 AT&T-13STATE will perform assembly and editing, message processing and provision of applicable access usage record detail for IXC transported messages if the messages are recorded by AT&T-13STATE.

3.3 AT&T-13STATE will provide access usage records that are generated by AT&T-13STATE.

3.4 Assembly and editing will be performed on all IXC transported messages recorded by AT&T-13STATE, during the billing period established by AT&T-13STATE and selected by CLEC.

3.5 Standard EMI record formats for the provision of billable message detail and access usage record detail will be established by AT&T-13STATE and provided to CLEC.

3.6 Recorded billable message detail and access usage record detail will not be sorted to furnish detail by specific end users, by specific groups of end users, by office, by feature group or by location.

3.7 AT&T-13STATE will provide message detail to CLEC in data files, (a File Transfer Protocol or Connect:Direct "NDM"), or any other mutually agreed upon process to receive and deliver messages using software and hardware acceptable to both parties.

3.8 In Exhibit II, CLEC will identify separately the location where the data transmissions should be sent (as applicable) and the number of times each month the information should be provided, except for AT&T-2STATE. For AT&T-2STATE, CLEC will identify the location and number of times each month the information should be provided via Appendix Data Exchange's Technical Requirements Form document. AT&T-13STATE reserves the right to limit the frequency of transmission to existing AT&T-13STATE processing and work schedules, holidays, etc.

3.9 AT&T-13STATE will determine the number data files required to provide the access usage record detail to CLEC.

3.10 Recorded billable message detail and/or access usage record detail previously provided CLEC and lost or destroyed through no fault of AT&T-13STATE will not be recovered and made available to CLEC except on an individual case basis at a cost determined by AT&T-13STATE.

3.11 When AT&T-13STATE receives rated billable messages from an IXC or another Local Exchange Carrier (LEC) that are to be billed by CLEC, AT&T-13STATE will forward those messages to CLEC.

3.12 AT&T-13STATE will record the applicable detail necessary to generate access usage records and forward them to CLEC for its use in billing access to the IXC.

3.13 When CLEC is the Recording Company, the CLEC agrees to provide its recorded billable messages detail and access usage record detail data to AT&T-13STATE under the same terms and conditions of this Appendix.

4. BASIS OF COMPENSATION

4.1 AT&T-13STATE as the Recording Company, agrees to provide recording, assembly and editing, message processing and provision of message detail for Access Usage Records (AURs) ordered/required by the CLEC in accordance with this Appendix on a reciprocal, no-charge basis. CLEC, as the Recording Company, agrees to provide any and all Access Usage Records (AURs) required by AT&T-13STATE on a reciprocal, no-charge basis. The Parties agree that this mutual exchange of records at no charge to either Party shall otherwise be conducted according to the guidelines and specifications contained in the Multiple Exchange Carrier Access Billing (MECAB) document.

5. LIABILITY

5.1 Except as otherwise provided herein, neither Party shall be liable to the other for any special, indirect, or consequential damage of any kind whatsoever. A Party shall not be liable for its inability to meet the terms of this Agreement where such inability is caused by failure of the first Party to comply with the obligations stated herein. Each Party is obliged to use its best efforts to mitigate damages.

5.2 When either Party is notified that, due to error or omission, incomplete data has been provided to the non-Recording Company, each Party will make reasonable efforts to locate and/or recover the data and provide it to the non-Recording Company at no additional charge. Such requests to recover the data must be made within sixty (60) calendar days from the date the details initially were made available to the non-Recording Company. If written notification is not received within sixty (60) calendar days, the Recording Company shall have no further obligation to recover the data and shall have no further liability to the non-Recording Company.

5.3 If, despite timely notification by the non-Recording Company, message detail is lost and unrecoverable as a direct result of the Recording Company having lost or damaged tapes or incurred system outages while performing recording, assembly and editing, rating, message processing, and/or transmission of message detail, both Parties will estimate the volume of lost messages and associated revenue based on information available to it concerning the average revenue per minute for the average interstate and/or intrastate call. In such events, the Recording Company's liability shall be limited to the granting of a credit adjusting amounts otherwise due from it equal to the estimated net lost revenue associated with the lost message detail.

5.4 Each Party will not be liable for any costs incurred by the other Party when transmitting data files via data lines and a transmission failure results in the non-receipt of data.

5.5 Each Party agrees to defend, indemnify, and hold harmless the other Party from any and all losses, damages, or other liability, including attorney fees, that it may incur as a result of claims, demands, or other suits brought by any party that arise out of the use of this service by the other Party, its customers or end users.

5.6 Each Party also agrees to release, defend, indemnify and hold harmless the other Party from any claim, demand or suit that asserts any infringement or invasion of privacy or confidentiality of any person(s), caused or claimed to be caused, directly or indirectly, by the Party's employees and equipment associated with provision of this service. This includes, but is not limited to suits arising from disclosure of any customer specific information associated with either the originating or terminating numbers used to provision this service.

5.7 Each Party also agrees to release, defend, indemnify and hold harmless the Recording Company from any claim, demand or suit to perform under this Agreement should any regulatory body or any State or Federal Court find the existing terms of this contract to either be illegal, unenforceable, against public policy, or improper for the Recording Company.

5.8 Each Party makes no representations or warranties, express or implied, including but not limited to any warranty as to merchantability or fitness for intended or particular purpose with respect to services provided hereunder. Additionally, each Party assumes no responsibility with regard to the correctness of the data supplied when this data is accessed and used by a third party.

EXHIBIT I
SERVICES

The attached pages of this Exhibit show the service options that are offered under this Agreement.

EXPLANATION OF SERVICE OPTIONS

ORIGINATING 1+ DDD RECORDINGS - IXC TRANSPORTED MESSAGE DETAIL AND ACCESS USAGE RECORDS

Option #1: This option has been withdrawn.

Option #2: The Recording Company performs recording, assembly and editing of the billable message detail and extracts that detail to the IXC for all 1+ IXC transported messages originating from the CLEC end office. The Recording Company creates Access Usage Records for this traffic and forwards those AUR records to the CLEC.

Option #3: The Interexchange Carriers do own billable message recording for their 1+ IXC transported messages originating from the CLEC end office. The Recording Company performs recording for Access purposes only, assembles and edits this data, creates AURs and forwards the AUR records to the CLEC.

ORIGINATING OPERATOR RECORDINGS - IXC TRANSPORTED MESSAGE DETAIL AND ACCESS USAGE RECORDS

Option #4: CLEC Non-Equal Access End Office - The Interexchange Carriers do own billable message recording. The Recording Company performs local and intraLATA operator services for the CLEC. The Recording Company performs recording at the operator switch for all 0+, 0-, Coin Sent Paid, CAMA and International IXC transported messages. The Recording Company assembles and edits this data, creates AURs and forwards the AUR records to the CLEC.

Option #5: CLEC Equal Access End Office - The Interexchange Carriers do own billable message recording. The Recording Company performs local and intraLATA operator services for the CLEC. The Recording Company performs recording at the operator switch for 0- only IXC transported messages. The Recording Company assembles and edits this data, creates AURs and forwards the AUR records to the CLEC.

Option #6: This option has been withdrawn.

Option #7: This option has been withdrawn.

800 RECORDINGS - IXC TRANSPORTED MESSAGE DETAIL

Option #8: Recording Company performs SSP function for CLEC end office and bills query charge to the appropriate Interexchange Carrier. The Recording Company performs recording for Access purposes only, assembles and edits this data, creates AURs and forwards AUR records to CLEC.

Option #9: This option has been withdrawn.

Option #10: Recording Company performs SCP function for CLEC. The Recording Company performs recording at the SCP, assembles and edits this data, creates SCP records and forwards SCP records to the CLEC.

TERMINATING RECORDINGS - IXC TRANSPORTED ACCESS USAGE RECORDS

Option #11: Recording Company provides tandem function for CLEC. The CLEC requests Recording Company to provide all Feature Group B, Feature Group C and Feature Group D terminating usage recordings including Feature Group B over D and Feature Group C over D. Recording Company creates terminating AURs for this data and forwards AUR records to the CLEC.

Option #12: Recording Company provides tandem function for CLEC. The CLEC requests Recording Company to provide all Feature Group B terminating usage recordings excluding B over D. Recording Company creates terminating AURs for this data and forwards AUR records to the CLEC.

Option #13: Recording Company provides tandem function for CLEC. The CLEC requests Recording Company to provide all Feature Group B terminating usage recordings including Feature Group B over D. Recording Company creates terminating AURs for this data and forwards AUR records to the CLEC.

Option #14: Recording Company provides tandem function for CLEC. The CLEC requests Recording Company to provide all Feature Group D terminating usage recordings including B over D and C over D. Recording Company creates terminating AURs for this data and forwards AUR records to the CLEC.

Option #15: Recording Company provides tandem function for CLEC. The CLEC requests Recording Company to provide all Feature Group D terminating usage recordings including B over D. Recording Company creates terminating AURs for this data and forwards AUR records to the CLEC.

EXHIBIT II

INVOICE DESIGNATION

COMPANY NAME:

EXCHANGE COMPANY I.D. NUMBER (OCN):

BILLABLE INVOICE INTERVAL:

Check One:

___ Daily (Full Status RAO Companies will receive billable messages daily, Monday-Friday excluding holidays.)

___ Bill period (Please choose a maximum of five dates for AT&T SOUTHWEST REGION 5-STATE . A file will be created approximately 3 to 5 workdays after the chosen bill date(s):

1 3 5 7 9 11 13 15 17 19 21 23 25 27 29

AUR INVOICE INTERVAL:

Check One:

___ Daily (Full Status RAO Companies will receive AURs daily, Monday-Friday except holidays.)

___ Bill period (Please choose a maximum of five dates for AT&T SOUTHWEST REGION 5-STATE. A file will be created approximately 3 to 5 workdays after the chosen bill date(s):

1 3 5 7 9 11 13 15 17 19 21 23 25 27 29

APPENDIX RESALE

TABLE OF CONTENTS

1. INTRODUCTION 3

2. DESCRIPTION AND CHARGES FOR SERVICES 4

3. TERMS AND CONDITIONS OF SERVICE 5

4. ANCILLARY SERVICES 9

5. OS/DA RATE/REFERENCE INFORMATION 11

6. USE OF AT&T BRAND 13

7. RESPONSIBILITIES OF AT&T-13STATE 13

8. RESPONSIBILITIES OF CLEC 15

APPENDIX RESALE

1. INTRODUCTION

1.1 This Appendix set forth terms and conditions for Resale Services provided by the applicable AT&T Inc. (AT&T) owned Incumbent Local Exchange Carrier (ILEC) and CLEC.

1.2 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, L.P. 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.

1.3 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.

1.4 AT&T-4STATE - As used herein, AT&T-4STATE means Southwestern Bell Telephone, L.P. 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.

1.5 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.

1.6 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.

1.7 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.

1.8 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.

1.9 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.

1.10 AT&T ARKANSAS - As used herein, AT&T ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Arkansas, the applicable AT&T-owned ILEC doing business in Arkansas.

1.11 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.

1.12 AT&T CONNECTICUT - As used herein, AT&T CONNECTICUT means The Southern New England Telephone Company d/b/a AT&T Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.13 AT&T KANSAS - As used herein, AT&T KANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Kansas, the applicable AT&T-owned ILEC doing business in Kansas.

1.14 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.

1.15 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.

1.16 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 doing business in Michigan.

1.17 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.

1.18 AT&T MISSOURI - As used herein, AT&T MISSOURI means Southwestern Bell Telephone, L.P. d/b/a AT&T Missouri, the applicable AT&T-owned ILEC doing business in Missouri.

1.19 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.

1.20 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.

1.21 AT&T OKLAHOMA - As used herein, AT&T OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a AT&T Oklahoma, the applicable AT&T-owned ILEC doing business in Oklahoma.

1.22 AT&T SOUTHWEST REGION 5-STATE - As used herein, AT&T SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone, L.P. 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.

1.23 AT&T TEXAS – As used herein, AT&T TEXAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Texas, the applicable AT&T-owned ILEC doing business in Texas.

1.24 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.

1.25 The prices at which AT&T agrees to provide CLEC with Resale Services are contained in the applicable Appendix Pricing and/or the applicable Commission ordered tariff where stated.

2. DESCRIPTION AND CHARGES FOR SERVICES

2.1 Resale services are available in accordance with section 251(C)(4) of the Act and other applicable laws and consistent with Section 2.12.1.3 of the General Terms and conditions of the Agreement.

2.2 A list of Telecommunications Services currently available for resale at the wholesale discount rate for each service determined by the appropriate Commission is set forth in Appendix Pricing. Except as otherwise expressed herein, consistent with AT&T-13STATE's obligation under Section 251(c)(4)(A) of the Act and any other applicable rights, limitations or restrictions, CLEC may resell other Telecommunications Services offered at retail by AT&T-13STATE at the discount set forth in Appendix Pricing.

2.2.1 This section applies only to AT&T KANSAS:

2.2.1.1 CLEC shall select either (1) a uniform rate structure or (2) a three-tier discount structure based on lines, vertical features and toll. The three-tier discount structure will be made available upon written request from CLEC negotiating an interconnection agreement with AT&T KANSAS.

2.3 AT&T-13STATE will offer products and services to CLEC for resale pursuant to relevant decisions of the appropriate Commission.

2.4 Telecommunications Services will be offered by AT&T-13STATE to CLEC for resale on terms and conditions that are reasonable and nondiscriminatory.

2.5 Grandfathered services are available per appropriate state specific tariff to CLEC for resale at the applicable discount only to the same End User, at the existing End User's location, to which AT&T-13STATE provides the service, either at retail or through resale.

3. TERMS AND CONDITIONS OF SERVICE

3.1 Except as otherwise expressly provided herein, for Telecommunications Services included within this Appendix that are offered by AT&T-13STATE to AT&T-13STATE's End Users through tariff(s), the rules and regulations associated with AT&T-13STATE's retail tariff(s) shall apply when the services are resold by CLEC, with the exception of any tariff resale restrictions; provided, however, any tariff restrictions on further resale by the End User shall continue to apply. Use limitations shall be in parity with services offered by AT&T-13STATE to its End Users.

3.2 CLEC shall only sell Plexar®, Centrex and Centrex-like services to a single End User or multiple End User(s) in accordance with the terms and conditions set forth in the corresponding AT&T-13STATE retail tariff(s) applicable within that state.

3.3 Except where otherwise explicitly permitted in AT&T-13STATE's corresponding retail tariff(s), CLEC shall not permit the sharing of a service by multiple End User(s) or the aggregation of traffic from multiple End User(s) onto a single service.

3.3.1 This section applies only to AT&T TEXAS:

3.3.1.1 Within the State of Texas, based upon the Texas Commission's arbitration order, AT&T TEXAS will permit aggregation for purposes of the resale of volume discount offers. Volume discount offers include such items as intraLATA toll, but do not include such items as packages of vertical features.

3.4 CLEC shall only resell services furnished under this Appendix to the same category of End User(s) to whom AT&T-13STATE offers such services (for example, residence service shall not be resold to business End Users).

3.4.1 AT&T-13STATE - CLEC may only resell special needs services" as identified in associated state specific tariffs to persons who are eligible for each such service. As used herein, the term "special needs services" means services for the physically disabled where the disability is related to vision, speech, hearing or motion. Further, to the extent CLEC resells services that require certification on the part of the End User, CLEC shall ensure that the End User has obtained proper certification, continues to be eligible for the program(s), and complies with all rules and regulations as established by the appropriate Commission and the state specific AT&T-13STATE tariffs.

3.4.2 This section applies only to AT&T SOUTHWEST REGION 5-STATE: AT&T WISCONSIN, AT&T OHIO and AT&T INDIANA

3.4.2.1 Where available for resale according to associated retail state specific tariffs, CLEC may only resell AT&T SOUTHWEST REGION 5-STATE, AT&T WISCONSIN, AT&T OHIO and AT&T INDIANA low income assistance services, (e.g. LifeLine and Link-Up services), to persons who are eligible for each such service. Further, to the extent CLEC resells services that require certification on the part of the End User, CLEC shall ensure that the End User meets all associated tariff eligibility requirements, has obtained proper certification, continues to be eligible for the program(s), and complies with all rules and regulations as established by the appropriate Commission and the state specific AT&T SOUTHWEST REGION 5-STATE, AT&T WISCONSIN, AT&T OHIO and AT&T INDIANA tariffs.

3.4.3 This section applies only to AT&T CALIFORNIA, AT&T CONNECTICUT and AT&T ILLINOIS:

3.4.3.1 AT&T CALIFORNIA, AT&T CONNECTICUT and AT&T ILLINOIS LifeLine and Link-Up services are not available for resale.

3.4.3.2 CLEC is exclusively responsible for all aspects of any similar CLEC-offered program, including ensuring that any similar CLEC-offered program(s) complies with all applicable federal and state requirements, obtaining all necessary End User certifications and re-certifications, submitting written designation that any of CLEC's End User or applicants are eligible to participate in such programs, submitting CLEC's claims for reimbursement to any applicable governmental authority and any other activities required by any applicable governmental authority.

3.4.4 This section applies only to AT&T NEVADA:

3.4.4.1 AT&T NEVADA low income assistance services, (e.g., LifeLine and Link-Up services) are available for resale for a maximum period of 90 days from contract approval date. The CLEC has 90 days from the contract approval date to coordinate with the appropriate federal and state government agencies to establish the CLEC's own low income assistance service(s). At the end of the 90 day period, CLEC is responsible for initiating Local Service Requests (LSR) to the ILEC for converting any existing ILEC Customer Service Records (CSR) from low income designated services to normal residential service. CLEC will be responsible for designating it own billing records and establishing and administering its low income assistance services internally.

3.4.4.2 CLEC is exclusively responsible for all aspects of any similar CLEC-offered program, including ensuring that any similar CLEC-offered program(s) complies with all applicable federal and state requirements, obtaining all necessary End User certifications and re-certifications, submitting written designation that any of CLEC's End User or applicants are eligible to participate in such programs, submitting CLEC's claims for reimbursement to any applicable governmental authority and any other activities required by any applicable governmental authority.

3.5 Promotions

3.5.1 Promotions are available for the Telecommunications Services outlined in Appendix Pricing in the "Resale" category and in accordance with state specific Commission requirements.

3.5.2 This section applies only to AT&T NEVADA and AT&T MISSOURI:

3.5.2.1 Promotions of eighty-nine (89) days or less are not available to CLEC for resale.

3.5.2.2 Promotions of ninety (90) days or more are available to CLEC for resale at the applicable wholesale discount, state specific.

3.5.3 This section applies only to AT&T CALIFORNIA, AT&T MIDWEST REGION 5-STATE, AT&T CONNECTICUT and AT&T ARKANSAS

3.5.3.1 Promotions of ninety (90) days or less are not available to CLEC for resale.

3.5.3.2 Promotions of ninety-one (91) days or more are available to CLEC for resale and at the applicable wholesale discount, state specific.

3.5.4 This section applies only to AT&T KANSAS, AT&T TEXAS and AT&T OKLAHOMA:

3.5.4.1 Promotions on Telecommunications Services are available to CLEC for resale. The applicable, state specific, wholesale discount will be applied to those promotions of ninety-one (91) days or more.

3.6 CLEC shall not use a resold service to avoid the rates, terms and conditions of AT&T-13STATE's corresponding retail tariff(s) for service to itself. CLEC shall be free to utilize a resold wholesale service for the purpose of providing service to its end user customers.

3.7 CLEC shall not use resold local Telecommunications Services to provide access or interconnection services to itself, interexchange carriers (IXCs), wireless carriers, competitive access providers (CAPs), or other telecommunications providers; provided, however, that CLEC may permit its End Users to use resold

local exchange telephone service to access IXCs, wireless carriers, CAPs, or other retail telecommunications providers.

3.8 A Federal End User Common Line charge and any other appropriate Commission-approved charges, as set forth in the appropriate AT&T-13STATE federal and applicable state tariff(s) will apply to each local exchange line furnished to CLEC under this Appendix for resale.

3.9 To the extent allowable by law, CLEC shall be responsible for Primary Interexchange Carrier (both PIC and LPIC) change charges associated with each local exchange line furnished to CLEC for resale. CLEC shall pay all charges for PIC and LPIC changes at the tariffed rate(s).

3.10 AT&T-13STATE shall provide the services covered by this Appendix subject to availability of existing facilities and on a nondiscriminatory basis with its other customers. CLEC shall resell the services provided herein only in those service areas in which such resale services or any feature or capability thereof are offered to End Users at retail by AT&T-13STATE as the incumbent local exchange carrier.

3.11 When an End User converts existing service to CLEC resold service of the same type without any additions or changes, charges for such conversion will apply as set forth in Appendix Pricing in the “OTHER (Resale)” category, listed as "conversion charges," and are applied per billable telephone number.

3.11.1 When an End User(s) subscribes to CLEC resold service, recurring charges for the service shall apply at the wholesale discount set forth in Appendix Pricing. The tariff rates for such resold service shall continue to be subject to orders of the appropriate Commission.

3.11.2 When CLEC converts an End User(s) existing service and additions or changes are made to the service at the time of the conversion, the normal service order charges and/or non-recurring charges associated with said additions and/or changes will be applied in addition to the conversion charge. CLEC will receive a wholesale discount on all non-recurring service order charges for the services listed in Appendix Pricing under the heading “Resale;” no wholesale discount is available for the non-recurring service order charges for those services listed in Appendix Pricing under the heading “OTHER (Resale).”

3.11.3 For the purposes of ordering service furnished under this Appendix, each request for new service (that is, service not currently being provided to the End User on AT&T-13STATE's network, without regard to the identity of that End User's non-facilities based local service provider of record) shall be handled as a separate initial request for service and shall be charged per billable telephone number.

3.11.4 Where available, the tariff retail additional line rate for Service Order Charges shall apply only to those requests for additional residential service to be provided at the same End User premises to which a residential line is currently provided on AT&T-13STATE's network, without regard to the identity of that End User's non-facilities based local service provider of record.

3.12 If CLEC is in violation of any provision of this Appendix, AT&T-13STATE will notify CLEC of the violation in writing. Such notice shall refer to the specific provision being violated. CLEC will have thirty (30) calendar days to correct the violation and notify AT&T-13STATE in writing that the violation has been corrected. AT&T-13STATE will bill CLEC a sum equal (i) the charges that would have been billed by AT&T-13STATE to CLEC or any Third Party but for the stated violation. Should CLEC dispute the stated violation, CLEC must notify AT&T-13STATE in writing of the specific details and reasons for its dispute within fourteen (14) calendar days of receipt of the notice from AT&T-13STATE and comply with Sections 8.3 through 8.7 of the General Terms and Conditions of the Agreement to which this Appendix is attached. Resolution of any dispute by CLEC of the stated violation shall be conducted in compliance with the Dispute Resolution provisions set forth in the General Terms and Conditions of the Agreement to which this Appendix is attached.

3.13 AT&T-13STATE's services are not available at wholesale rates to CLEC for its own use or for the use of any of CLEC’s affiliates and/or subsidiaries or the use of CLEC’s parent or any affiliate and/or subsidiary of CLEC’s parent company, if any.

3.14 This section applies only to AT&T SOUTHWEST REGION 5-STATE:

3.14.1 CLEC may convert current AT&T SOUTHWEST REGION 5-STATE End User(s) that have existing term, volume, termination liability or any customer specific pricing contracts (collectively referred to hereinafter as "CSP Contracts") for services offered within the state of Kansas or Texas, and

3.14.2 AT&T SOUTHWEST REGION 5-STATE and any other reseller of AT&T SOUTHWEST REGION 5-STATE local service may convert current CLEC End User(s) that have existing CSP Contracts for services offered within the states of Arkansas, Kansas, Texas, Oklahoma or Missouri.

3.14.3 In the event of a conversion under either Section 3.14.1 or 3.14.2, CLEC and AT&T SOUTHWEST REGION 5-STATE shall comply with all of the terms and conditions set forth in Sections 3.14.4 and 3.14.5.

3.14.4 Responsibilities of CLEC in connection with Assumption of CSP Contract Conversions.

3.14.4.1 CLEC shall sign an "Assumption of Existing Agreement" assuming the balance of the terms, including volume, term and termination liability remaining on any current retail AT&T SOUTHWEST REGION 5-STATE or resold End User CSP Contract at the time of conversion. CLEC may assume the CSP Contract at the wholesale discount of 5.0% in Arkansas and Kansas and 5.62% in Texas. CLECs may assume tariffed volume and term contracts at the wholesale discount of 8.0% in the states of Arkansas and Kansas and 8.04% in the state of Texas.

3.14.4.2 AT&T OKLAHOMA and AT&T MISSOURI tariffed and Individual Case Basis (ICB) contracts may be assumed, but receive no wholesale discount.

3.14.4.3 CLEC shall not charge CLEC's End User termination liability when an existing CSP contract between CLEC and its End User is converted to AT&T SOUTHWEST REGION 5-STATE or any other local service provider reselling AT&T SOUTHWEST REGION 5-STATE local service.

3.14.4.4 If another reseller of AT&T SOUTHWEST REGION 5-STATE local service converts a current CLEC End User(s) that has an existing CSP Contract, it is CLEC's responsibility to address assumption of the CSP contact and termination liability with the other reseller. CLEC agrees that AT&T SOUTHWEST REGION 5-STATE has no responsibilities in such a situation, and CLEC further agrees that it will not make any Claim against AT&T SOUTHWEST REGION 5-STATE in connection with any conversion by another reseller of AT&T SOUTHWEST REGION 5-STATE local service of any CLEC End User(s) that has an existing CSP contract.

3.14.5 Responsibilities of AT&T SOUTHWEST REGION 5-STATE in connection with Assumptions of CSP Contract Conversions:

3.14.5.1 AT&T SOUTHWEST REGION 5-STATE will not charge its retail End User termination liability when an existing CSP contract is converted to CLEC for resale.

3.14.5.2 AT&T SOUTHWEST REGION 5-STATE will assume in writing the balance of the terms, including volume, term and termination liability remaining on a current CSP contract between CLEC and its End User at the time that CLEC's End User is converted to AT&T SOUTHWEST REGION 5-STATE.

3.15 This section applies only to AT&T MIDWEST REGION 5-STATE:

3.15.1 AT&T MIDWEST REGION 5-STATE retail contracts may be assumed unless expressly prohibited by the contract. Contracts for grandfathered and/or sunsetted services may not be assumed.

3.15.2 Subject to the provisions of Section 3.15.1, the following shall apply:

3.15.2.1 AT&T ILLINOIS tariffed and Individual Case Basis (ICB) contracts that are assumed receive a wholesale discount of 3.16%.

3.15.2.2 AT&T MICHIGAN tariffed and Individual Case Basis (ICB) contracts that are assumed receive a wholesale discount of 3.42%.

3.15.2.3 AT&T OHIO, and AT&T WISCONSIN tariffed and Individual Case Basis (ICB) contracts may be assumed, but receive no wholesale discount.

3.15.2.4 AT&T INDIANA tariffed and Individual Case Basis (ICB) contracts that are assumed will receive an interim wholesale discount of 3.39%. Final wholesale discount will be applied on a going forward basis awaiting the outcome of the pending cost study.

3.15.2.5 AT&T MIDWEST REGION 5-STATE Non-Standard Service contracts may be assumed, but receive no wholesale discount.

3.15.3 If CLEC elects to terminate a AT&T MIDWEST REGION 5-STATE retail contract which CLEC had previously assumed, CLEC will be assessed the applicable termination charges remaining unless CLEC elects to simultaneously replace the existing contract with a contract of greater term and/or volume at the same discount CLEC receives for the previously assumed but now terminated contract.

4. ANCILLARY SERVICES

4.1 Where available, AT&T-13STATE will afford CLEC's End Users the ability to make 911 calls. In the areas served by AT&T-8STATE, CLEC shall be responsible for collecting and remitting all applicable 911 fees and surcharges on a per line basis to the appropriate Public Safety Answering Point (PSAP) or other governmental authority responsible for collection of such fees and surcharges. When requested by AT&T-13STATE, CLEC shall provide AT&T-13STATE with accurate and complete information regarding CLEC's End User(s) in a format and time frame prescribed by AT&T-13STATE for purposes of E911 administration. In the areas served by AT&T MIDWEST REGION 5-STATE, any 911 fees or surcharges associated with Resale accounts shall be included by AT&T MIDWEST REGION 5-STATE on CLEC's invoice and CLEC agrees to pay Ameritech all such fees and surcharges. AT&T MIDWEST REGION 5-STATE shall then be responsible for submitting or retaining such fees and surcharges in accordance with the approriate 911 cost recovery plan applicable to the local jurisdiction.

4.1.1 Should any CLEC End User assert any Claim that relates to access to 911, the limitations of liability set forth in Appendix 911, which is attached to the General Terms and Conditions of the Agreement to which this Appendix is attached, shall govern all Claims that may be asserted against any Party to this Appendix relating to access to 911, whether such assertion is made by the other Party or any Third Party, and such provisions are incorporated herein for all purposes as though set forth herein.

4.2 Subject to AT&T-13STATE's practices, as well as the rules and regulations applicable to the provision of White Pages directories, AT&T-13STATE will include in appropriate White Pages directories the primary alphabetical listings of all CLEC End Users located within the local directory scope. The rules, regulations and AT&T-13STATE practices are subject to change from time to time.

4.3 Additional Listing services, as set forth in Appendix Pricing, may be purchased by CLEC for its End Users on a per listing basis.

4.4 Liability relating to End User Listings

4.4.1 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 to AT&T-13STATE under this Appendix, and/or 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.

4.4.2 In addition to any other indemnity obligations in this Appendix or the Agreement to which this Appendix is attached, CLEC shall indemnify, protect, save harmless and defend AT&T-13STATE and AT&T-13STATE's officers, employees, agents, representatives and assigns from and against any and all losses, liability, damages and expense arising out of any demand, claim, suit or judgment by a Third Party in any way related to any error or omission in CLEC's End User listing information,

including any error or omission related to non-published or non-listed End User listing information. CLEC shall so indemnify regardless of whether the demand, claim or suit by the third party is brought jointly against CLEC and AT&T-13STATE, and/or against AT&T-13STATE alone. However, if such demand, claim or suit specifically alleges that an error or omission appears in CLEC's End User listing information in the White Pages directory, AT&T-13STATE may, at its option, assume and undertake its own defense, or assist in the defense of the CLEC, in which event the CLEC shall reimburse AT&T-13STATE for reasonable attorney's fees and other reasonable expenses incurred by AT&T-13STATE in handling and defending such demand, claim and/or suit.

4.5 Each CLEC subscriber will receive one copy per primary End User listing of AT&T-13STATE's White Pages directory in the same manner and at the same time that they are delivered to AT&T-13STATE's subscribers.

4.5.1 If CLEC's End User already has a current AT&T-13STATE local White Pages directory, AT&T-13STATE shall not be required to deliver a directory to that End User until new White Pages directories are published for that End User's location.

4.6 AT&T-8STATE will provide CLEC with 1/8th page in each directory (where the CLEC has or plans to have local telephone exchange customers) for the CLEC to include CLEC specific-information (i.e., business office, residence office, repair bureau, etc.) in the White Pages directory on an "index-type" informational page. No advertising will be permitted on such informational page. This page will also include specific information pertaining to other CLECs. At its option, CLEC shall provide AT&T-8STATE with its logo and information in the form of a camera-ready copy, sized at 1/8th of a page. The content of CLEC's camera-ready copy shall be subject to AT&T-8STATE approval. In those directories in which AT&T-8STATE includes Spanish Customer Guide Pages, this informational page will also be provided in Spanish at CLEC's request, subject to the guidelines set forth above.

4.7 At its request, CLEC may purchase one one-sided "Informational Page" in the informational section of the White Pages directory covering a geographic area where CLEC provides local telecommunications exchange service. Such page shall be no different in style, size, color and format than AT&T-8STATE "Informational Page". Sixty (60) calendar days prior to the directory close date, the CLEC shall provide to AT&T-8STATE the "Informational Page" in the form of camera-ready copy.

4.8 Subject to any blocking that may be ordered by CLEC for its End Users', to the extent Directory Assistance (DA) services are provided to AT&T-13STATE End Users, AT&T-13STATE shall provide CLEC's End Users access to AT&T-13STATE Directory Assistance services. CLEC shall pay AT&T-13STATE the charges attributable to Directory Assistance services utilized by CLEC's End Users.

4.9 Subject to any blocking that may be ordered by CLEC for its End Users', AT&T-13STATE will provide access to Operator Services ("OS") to CLEC's End Users to the same extent it provides OS to its own End Users. CLEC shall pay the charges associated with the utilization of OS by CLEC's End Users. Discounts associated with the utilization of OS are set forth in Appendix Pricing.

4.10 AT&T-13STATE offers CLEC the opportunity to customize route its End Users' OS/DA calls where technically feasible.

4.11 OS/DA Branding

4.11.1 Where technically feasible and/or available, AT&T-13STATE will brand Operator Services (OS) and/or Directory Assistance (DA) in CLEC's name as outlined below:

4.11.2 Call Branding

4.11.2.1 AT&T-13STATE will brand OS/DA in CLEC's name based upon the information provided by CLEC and as outlined below:

4.11.3 AT&T-13STATE – CLEC will provide written specifications of its company name to be used by AT&T-13STATE to create CLEC specific branding announcements for its OS/DA calls in accordance with the process outlined in the Operator Services OS/DA Questionnaire (OSQ).

4.11.4 CLEC name used in branding calls may be subject to Commission regulations and should match the name in which CLEC is doing business.

4.12 Branding Load Charges:

4.12.1 AT&T SOUTHWEST REGION 5-STATE – An initial non-recurring charge applies per state, per brand, per Operator assistance switch for the establishment of CLEC specific branding. An additional non-recurring charge applies per state, per brand, per Operator assistance switch for each subsequent change to the branding announcement. In addition, a per call charge applies for every OS/DA call handled by AT&T SOUTHWEST REGION 5-STATE on behalf of CLEC when multiple brands are required on a single Operator Services trunk. This charge is set forth in Appendix Pricing under the "OTHER (Resale)" category.

4.12.1.1 AT&T MIDWEST REGION 5-STATE – An initial non-recurring charge applies per brand, per Operator Assistance Switch, per trunk group for the establishment of CLEC specific branding. In addition, a per call charge applies for every OS call handled by AT&T MIDWEST REGION 5-STATE on behalf of CLEC when such services are provided. An additional non-recurring charge applies per brand, per Operator assistance switch, per trunk group for each subsequent change to the branding announcement.

4.12.1.2 AT&T-2STATE – An initial non-recurring charge applies per state, per brand, per Operator assistance switch, for the establishment of CLEC specific branding. An additional non-recurring charge applies per state, per brand, per Operator assistance switch for each subsequent change to the branding announcement.

4.12.1.3 AT&T CONNECTICUT – An initial non-recurring charge applies per brand, per load, per Operator assistance switch for the establishment of CLEC specific branding. An additional non-recurring charge applies per brand, per load, per Operator assistance switch for each subsequent change to the branding announcement.

5. OS/DA RATE/REFERENCE INFORMATION

5.1 When an AT&T-12STATE Operator receives a rate request from a CLEC End User, where technically feasible and available, AT&T-12STATE will quote the applicable OS/DA rates as provided by the CLEC.

5.2 AT&T CONNECTICUT - until technically feasible and/or available, when a AT&T CONNECTICUT Operator receives a rate request from a CLEC end user, AT&T CONNECTICUT will quote the surcharge rate only.

5.3 CLEC will furnish OS/DA Rate and Reference Information in accordance with the process outlined in the Operator Services Questionnaire (OSQ). CLEC will furnish to AT&T-13STATE a completed OSQ thirty (30) calendar days in advance of the date when the DA Services are to be undertaken.

5.4 CLEC will inform AT&T-12STATE, via the Operator Services Questionnaire (OSQ) of any changes to be made to such Rate/Reference Information fourteen calendar days prior to the effective Rate/Reference change date. CLEC acknowledges that it is responsible to provide AT&T-12STATE updated Rate/Reference Information in advance of when the Rate/Reference Information is to become effective.

5.5 An initial non-recurring charge will apply per state, per Operator assistance switch for loading of CLEC's OS Reference/Rater information. An additional non-recurring charge will apply per state, per Operator assistance switch for each subsequent change to either the CLEC's OS Reference or Rater information.

5.6 Payphone Services

5.6.1 CLEC may provide certain local Telecommunications Services to payphone service providers ("PSPs") for PSPs' use in providing payphone service. Local Telecommunications Services which PSPs use in providing payphone service that are provided to PSPs by CLEC by means of reselling AT&T-13STATE's services offered pursuant to the appropriate payphone section(s) of AT&T-13STATE's state specific tariff(s) applicable in each state covered by this Appendix are referred to in this Appendix as "Payphone Lines." In its Common Carrier Docket No. 96-128, the FCC ordered AT&T-13STATE to compensate PSP customers of CLECs that resell AT&T-13STATE's services for

certain calls originated from pay telephones. (Implementation of the Pay Telephone Reclassification and Compensation Provisions of the Telecommunications Act of 1996, FCC Docket No. 96-128, Report and Order, para. 86 (1996)). This compensation is referred to in this Agreement as "Payphone Compensation."

5.6.2 The Parties desire that AT&T-13STATE satisfy the obligation to pay Payphone Compensation to PSPs that are customers of CLEC by paying the Payphone Compensation to CLEC, who will then forward the Payphone Compensation directly to the PSPs.

5.6.3 AT&T-13STATE will pay Payphone Compensation due with respect to Payphone Lines in compliance with the current or any future order of the FCC. AT&T-13STATE will pay Payphone Compensation to CLEC only for:

5.6.3.1 IntraLATA subscriber 800 calls for which AT&T-13STATE provides the 800 service to the subscriber and carries the call; and

5.6.3.2 IntraLATA calls placed using AT&T-13STATE's prepaid calling card platform and carried by AT&T-13STATE.

5.6.4 AT&T-13STATE will not be required to pay any Payphone Compensation for non-sent paid calls.

5.6.5 AT&T-13STATE will pay CLEC the Payphone Compensation due to CLEC's PSP customer(s) within sixty (60) calendar days after the close of the calendar quarter during which the call(s) for which Payphone Compensation is due were made. However, payment may be made later than sixty (60) calendar days if AT&T-13STATE deems it necessary to investigate a call or calls for possible fraud.

5.6.6 AT&T-13STATE will make payment of any Payphone Compensation due to CLEC under this Appendix by crediting CLEC's bill for the Payphone Line over which the call that gives rise to the Payphone Compensation was placed. AT&T-13STATE will not automatically issue a check to CLEC if the credit for Payphone Compensation exceeds the balance due to AT&T-13STATE on the bill.

5.6.7 Nothing in this Appendix entitles CLEC to receive or obligates AT&T-13STATE to provide any call detail or other call record for any call that gives rise to Payphone Compensation.

5.6.8 CLEC represents and warrants that the only AT&T-13STATE services that CLEC will make available to PSPs as Payphone Lines are the payphone services that AT&T-13STATE offers pursuant to the appropriate payphone section(s) of AT&T-13STATE's state specific tariff(s) applicable in each state covered by this Appendix.

5.6.9 Except as provided otherwise in this Section 4.9.9, CLEC shall pay the entire amount of the Payphone Compensation due with respect to each Payphone Line to the PSP that is the CLEC's customer for that Payphone Line. CLEC shall make such payment on or before the last business day of the calendar quarter following the calendar quarter during which the call(s) for which Payphone Compensation is due to the PSP were made. If AT&T-13STATE pays any Payphone Compensation to CLEC later than sixty (60) calendar days after the close of the calendar quarter during which the call(s) for which Payphone Compensation is due were made, then CLEC shall pay the entire amount of such Payphone Compensation to the PSP that is CLEC's customer for that Payphone Line within ten (10) calendar days after receiving such Payphone Compensation from AT&T-13STATE.

5.6.10 In addition to any other indemnity obligations in this Appendix or in the Agreement to which this Appendix is attached, CLEC shall indemnify, protect, save harmless and defend AT&T-13STATE and AT&T-13STATE's officers, employees, agents, representatives and assigns from and against any and all losses, costs, liability, damages and expense (including reasonable attorney's fees) arising out of any demand, claim, suit or judgment by any Third Party, including a PSP, in any way relating to or arising from any of the following:

5.6.10.1 CLEC's failure to comply with all the terms and conditions of this Appendix; or

5.6.10.2 Use by a PSP customer of CLEC of any service other than a Payphone Line to provide pay telephone service; or

5.6.10.3 False representation by CLEC.

5.7 Suspension of Service

5.7.1 CLEC may offer to resell Customer Initiated Suspension and Restoral Service to its End Users at the associated state specific retail tariff rates, terms and conditions for suspension of service at the request of the End User.

5.7.2 AT&T-13STATE will offer CLEC local service provider initiated suspension service for CLEC's purposes at the associated AT&T-13STATE state specific retail tariff rate for company initiated suspension of service. Carrier Disconnect Service is the provider initiated suspension service available to CLECs in AT&T MIDWEST REGION 5-STATE. Service specifics may be obtained in state specific CLEC Handbooks.

5.7.2.1 CLEC shall be exclusively responsible for placing valid orders for the suspension and the subsequent disconnection or restoral of service to each of its End Users.

5.7.2.2 Should CLEC suspend service for one of its End Users and fail to submit a subsequent disconnection order within the maximum number of calendar days permitted for a company initiated suspension pursuant to the state specific retail tariff, CLEC shall be charged and shall be responsible for all appropriate monthly service charges for the End User's service from the suspension date through the disconnection date.

5.7.2.3 Should CLEC suspend service for one of its End Users and subsequently issue a restoral order, CLEC shall be charged the state specific tariff rate for the restoral plus all appropriate monthly service charges for the End User's service from the suspension date through the restoral date.

6. USE OF AT&T BRAND

6.1 Except where otherwise required by law, CLEC shall not, without AT&T-13STATE's prior written authorization, offer the services covered by this Appendix using the trademarks, service marks, trade names, brand names, logos, insignia, symbols or decorative designs of AT&T-13STATE or its Affiliates, nor shall CLEC state or imply that there is any joint business association or similar arrangement with AT&T-13STATE in the provision of Telecommunications Services to CLEC's customers.

7. RESPONSIBILITIES OF AT&T-13STATE

7.1 AT&T-13STATE shall allow CLEC to place service orders and receive phone number assignments (for new lines). These activities shall be accomplished by facsimile or electronic interface. AT&T-13STATE shall provide interface specifications for electronic access for these functions to CLEC. However, CLEC shall be responsible for modifying and connecting any of its systems with AT&T-13STATE-provided interfaces, as outlined in Appendix OSS.

7.2 AT&T-13STATE shall implement CLEC service orders within the same time intervals AT&T-13STATE uses to implement service orders for similar services for its own End Users.

7.2.1 Methods and procedures for ordering are outlined in the CLEC Handbook, available on-line, as amended by AT&T-13STATE in its sole discretion from time to time. All Parties agree to abide by the procedures contained therein.

7.3 CLEC will have the ability to report trouble for its End Users to the appropriate AT&T-13STATE trouble reporting center(s) twenty-four (24) hours a day, seven (7) days a week. CLEC will be assigned customer contact center(s) when initial service agreements are made. CLEC End Users calling AT&T-13STATE will be referred to CLEC at the number provided by CLEC. Nothing herein shall be interpreted to authorize CLEC to repair, maintain, or in any way touch AT&T-13STATE's network facilities, including those on End User premises.

7.3.1 Methods and procedures for trouble reporting are outlined in the CLEC Handbook, available on-line, as amended by AT&T-13STATE in its sole discretion from time to time. All Parties agree to abide by the procedures contained therein.

7.4 AT&T-13STATE will provide CLEC with detailed billing information necessary for CLEC to issue bill(s) to its End User(s). CLEC has the option of receiving a daily usage file ("DUF") in accordance with the terms and conditions set forth in Section 8.8 of the General Terms and Conditions of the Agreement to which this Appendix is attached. Should CLEC elect to subscribe to the DUF, CLEC agrees to pay AT&T-13STATE the charges specified in Appendix Pricing under the "OTHER (Resale)" category listed as "Electronic Billing Information Data (daily usage) (per message)."

7.5 AT&T-13STATE shall make Telecommunications Services that AT&T-13STATE provides at retail to subscribers who are not Telecommunications Carriers available for resale consistent with the obligation under Section 251(c)(4)(A) of the Act and other applicable limitations. AT&T-13STATE will notify CLEC of any changes in the terms and conditions under which AT&T-13STATE offers Telecommunications Services at retail to subscribers who are not Telecommunications Carriers, including but not limited to, the introduction of any new features, functions, services, promotions, grandfathering or the discontinuance of current features or services at the time a tariff filing is transmitted to the appropriate State Commission, or, in situations where a tariff filing is not so transmitted, within sixty (60) calendar days of the expected effective date of such change.

7.5.1 AT&T-13STATE currently makes such notification as described in Section 17.2 of the General Terms and Conditions of the Agreement to which this Appendix is attached. Notification of any new service available to CLEC for resale shall advise CLEC of the category in which such new service shall be placed, and the same discount already applicable to CLEC in that category shall apply to the new service.

7.6 CLEC's End User's activation of Call Trace shall be handled by the AT&T-13STATE operations centers responsible for handling such requests. AT&T-13STATE shall notify CLEC of requests by its End Users to provide call records to the proper authorities. Subsequent communication and resolution of each case involving one of CLEC's End Users (whether that End User is the victim or the suspect) will be coordinated through CLEC.

7.6.1 CLEC acknowledges that for services where reports are provided to law enforcement agencies (for example, Call Trace) only billing number and address information shall be provided. It shall be CLEC's responsibility to provide additional information necessary for any police investigation.

7.6.1.1 In addition to any other indemnity obligations in this Appendix or the Agreement to which this Appendix is attached, CLEC shall indemnify AT&T-13STATE against any Claim that insufficient information led to inadequate prosecution.

7.6.2 AT&T-13STATE shall handle law enforcement requests consistent with the Law Enforcement Section of the General Terms and Conditions of the Agreement to which this Appendix is attached.

7.7 This section applies only to AT&T CALIFORNIA:

7.7.1 Cooperation on Fraud

7.7.1.1 Traffic Alert Referral Service

7.7.1.1.1 Traffic Alert Referral Service ("TARS") is a service that monitors traffic patterns associated with a CLEC's resold lines. On no less than thirty (30) calendar days written notice, CLEC may order AT&T CALIFORNIA's TARS. In providing TARS to CLEC, AT&T CALIFORNIA notifies the CLEC of traffic abnormalities that indicate the possible occurrence of intraLATA fraud and furnishes to CLEC information on all 1+ alerts. CLEC understands and agrees that AT&T CALIFORNIA will use electronic mail to provide such information and that such information will only be available via electronic mail at the present time. It is the responsibility of CLEC to provide AT&T CALIFORNIA with the correct email

address. Information will be provided on a per-alert basis and will be priced on a per-alert basis. AT&T CALIFORNIA grants to CLEC a non-exclusive right to use the information provided by AT&T CALIFORNIA. LEC will not permit anyone but its duly authorized employees or agents to inspect or use this information. CLEC agrees to pay AT&T CALIFORNIA a recurring usage rate as set forth in Appendix Pricing in the "OTHER (Resale)" category listed as "Traffic Alert Referral Service."

7.7.1.2 CLEC shall be liable for all fraud associated with any resale service to which it subscribes. AT&T CALIFORNIA takes no responsibility, will not investigate, and will make no adjustments to CLEC's account(s) in cases of fraud or any other related End User dispute.

7.7.1.3 In addition to any other indemnity obligations in this Appendix or in the Agreement to which this Appendix is attached, AT&T CALIFORNIA shall not be liable for any damages to CLEC or to any other person or entity for AT&T CALIFORNIA's actions or the conduct of its employees in providing TARS to CLEC. CLEC shall indemnify, defend, and hold AT&T CALIFORNIA harmless from any and all claims, lawsuits, costs, damages, liabilities, losses, and expenses, including reasonable attorney fees, resulting from or in connection with CLEC's use of AT&T CALIFORNIA's TARS, except when such claims, lawsuits, costs, damages, liabilities, losses, or expenses are proximately caused by the willful misconduct or gross negligence of AT&T CALIFORNIA or its employees.

7.8 This section applies only to AT&T CALIFORNIA:

7.8.1 AT&T CALIFORNIA will make available to CLEC an optional service, Repair Transfer Service ("RTS"). In the event a CLEC's End User dials 611 (811-8081 for Priority Business customers) for repair, AT&T CALIFORNIA will provide a recorded announcement of the CLEC name and number and AT&T CALIFORNIA will automatically transfer the caller to the CLEC designated 800/888 number for repair service. CLEC must provide written notification to AT&T CALIFORNIA at least thirty (30) calendar days prior to the implementation of RTS. Written notification must include the CLEC name and 800/888 numbers for RTS to the CLEC repair bureau and business office. There will be no charges associated with the initial set-up for RTS, however, charges will apply to any subsequent changes to the recorded name announcement and telephone number. Rates for subsequent changes are set forth in the Appendix Pricing in the "OTHER (Resale)" category listed as "Repair Transfer Service." Subsequent charges include: Recorded Name Announcement, 800/888 Telephone Number and Name Announcement & Telephone Number.

8. RESPONSIBILITIES OF CLEC

8.1 Prior to submitting an order under this Appendix, CLEC shall obtain End User authorization as required by applicable federal and state laws and regulations, and assumes responsibility for applicable charges as specified in Section 258(b) of the Act. AT&T-13STATE shall abide by the same applicable laws and regulations.

8.2 Only an End User can initiate a challenge to a change in its local service provider. If an End User notifies AT&T-13STATE or CLEC that the End User requests local exchange service, the Party receiving such request shall be free to provide service to such End User, except in those instances where the End User's account is local PIC protected. It is the responsibility of the End User to provide authorization in a FCC approved format to the current provider of record to remove local service provider protection before any changes in local service provider are processed.

8.2.1 AT&T-13STATE shall be free to connect an End User to any competitive local exchange carrier based upon that competitive local exchange carrier's request and that competitive local exchange carrier's assurance that proper End User authorization has been obtained. CLEC shall make any such authorization it has obtained available to AT&T-13STATE upon request and at no charge.

8.2.1.1 The following applies to AT&T MICHIGAN only: The Parties will adhere to the requirements adopted by the Commission in its Case No. U-11900 with respect to the selection of primary local exchange carriers and primary interexchange carriers.

8.3 When an End User changes or withdraws authorization, each Party shall release customer-specific facilities in accordance with the End User's direction or the direction of the End User's authorized agent. Further, when an End User abandons its premise, AT&T-13STATE is free to reclaim the facilities for use by another customer and is free to issue service orders required to reclaim such facilities.

8.4 Neither Party shall be obligated by this Appendix to investigate any allegations of unauthorized changes in local exchange service (slamming) on behalf of the other Party or a Third Party. If AT&T-13STATE, on behalf of CLEC, agrees to investigate an alleged incidence of slamming, AT&T-13STATE shall charge CLEC an investigation fee as set forth in Appendix Pricing in the "OTHER (Resale)" category, listed as "Slamming Investigation Fee."

8.5 Should AT&T-13STATE receive an order from CLEC for services under this Appendix, and AT&T-13STATE is currently providing the same services to another local service provider for the same End User, CLEC agrees that AT&T-13STATE may notify the local service provider from whom the End User is being converted of CLEC's order coincident with or following processing CLEC's order. It shall then be the responsibility of the former local service provider of record and CLEC to resolve any issues related to the End User. This Section 8.5 shall not apply to new or additional lines and services purchased by the End User from multiple CLECs or from AT&T-13STATE.

8.5.1 If AT&T-13STATE receives an order from another local service provider to convert services for an End User for whom CLEC is the current local service provider of record, and if CLEC already subscribes to the Local Disconnect Report ("LDR"), covered in Section 8.5.2, then AT&T-13STATE shall notify CLEC of such order coincident with or following processing such order. It shall be the responsibility of CLEC and the other local service provider to resolve any issues related to the End User. This Section 8.5.1 shall not apply to new or additional lines and services purchased by an End User from multiple CLECs or from AT&T-13STATE.

8.5.2 On no less than sixty (60) calendar days advance written notice, CLEC may, at its option, subscribe to the LDR. AT&T-13STATE will furnish the following information via the LDR: the Billing Telephone Number ("BTN"), Working Telephone Number "WTN"), and terminal number of all End Users who have disconnected CLEC's service. Information furnished electronically will be provided daily on a per WTN basis and priced on a per WTN basis. CLEC shall pay AT&T-13STATE for the LDR per WTN plus any applicable transmission charges for the LDR; current WTN prices are as set forth in Appendix Pricing in the "OTHER (Resale)" category, listed as "Local Disconnect Report." CLEC agrees that AT&T-13STATE may change the per WTN charge, at AT&T-13STATE's sole discretion, so long as AT&T-13STATE provides CLEC no less than thirty (30) calendar days notice prior to any change in the per WTN charge. AT&T-13STATE grants to CLEC a non-exclusive right to use the LDR information provided by AT&T-13STATE. CLEC will not permit anyone but its duly authorized employees or agents to inspect or use this information.

8.6 CLEC is solely responsible for the payment of all charges for all services furnished under this Appendix, including but not limited to, calls originated or accepted at CLEC's location and its End Users' service locations; provided, however, CLEC shall not be responsible for payment of charges for any retail services furnished by AT&T-13STATE directly to End Users and billed by AT&T-13STATE directly to End Users.

8.6.1 Interexchange carried traffic (for example, sent-paid, information services and alternate operator services messages) received by AT&T-13STATE for billing to resold End User accounts will be returned as unbillable and will not be passed to CLEC for billing. An unbillable code will be returned with those messages to the carrier indicating that the messages originated from a resold account and will not be billed by AT&T-13STATE.

8.7 AT&T-13STATE shall not be responsible for the manner in which utilization of resold services or the associated charges are allocated to End Users or others by CLEC. All applicable rates and charges for

services provided to CLEC under this Appendix will be billed directly to CLEC and shall be the responsibility of CLEC; provided, however, that CLEC shall not be responsible for payment of charges for any retail services furnished by AT&T-13STATE directly to End Users and billed by AT&T-13STATE directly to End Users.

8.7.1 Charges billed to CLEC for all services provided under this Appendix shall be paid by CLEC regardless of CLEC's ability or inability to collect from its End Users for such services.

8.8 If CLEC does not wish to be responsible for payment of charges for collect, third number billed, toll and information services (for example, 900) calls, it must order the appropriate blocking for lines provided under this Appendix and pay any applicable charges. It is the responsibility of CLEC to order the appropriate toll restriction or blocking on lines resold to End Users. CLEC acknowledges that blocking is not available for certain types of calls, including 800, 888, 411 and Directory Assistance Express Call Completion. Depending on the origination point, for example, calls originating from correctional facilities, some calls may bypass blocking systems. CLEC acknowledges all such limitations and accepts all responsibility for any charges associated with calls for which blocking is not available and any charges associated with calls that bypass blocking systems.

8.9 CLEC shall be responsible for modifying and connecting any of its systems with AT&T-13STATE-provided interfaces as described in this Appendix and Appendix OSS.

8.10 CLEC shall be responsible for providing to its End Users and to AT&T-13STATE a telephone number or numbers that CLEC's End Users may use to contact CLEC in the event that the End User desires a repair/service call.

8.10.1 In the event that CLEC's End Users contact AT&T-13STATE with regard to repair requests, AT&T-13STATE shall inform such End Users to call CLEC and may provide CLEC's contact number.

8.11 CLEC acknowledges and agrees that, in the event CLEC makes any "CLEC Change" as that term is defined in Section 4.10 of the General Terms and Conditions of the Agreement to which this Appendix is attached, CLEC shall comply with the provisions set forth in Section 4.10 of the General Terms and Conditions of the Agreement to which this Appendix is attached as though set forth herein.

8.12 CLEC will provide forecasts to AT&T-13STATE every January and July using the AT&T-13STATE network information form, or a format mutually agreed to by the Parties. These written forecasts will be based on CLEC's best estimates and will include all resale products CLEC will be ordering within the forecast period.

APPENDIX FOR ACCESS

TO AT&T INC.'S STRUCTURE

(POLES, CONDUITS, AND RIGHTS OF WAYS)

TABLE OF CONTENTS

1. INTRODUCTION 4
2. DEFINITIONS 4
3. SCOPE OF APPENDIX 6
4. EFFECTIVE DATE, TERM, AND ELECTIVE TERMINATION 6
5. GENERAL PROVISIONS 7
6. DISCLAIMER OF WARRANTIES 8
7. DISPUTE RESOLUTION 8
8. INDEMNIFICATION 8
10. INSURANCE 11
11. ASSIGNMENT OF RIGHTS 12
12. TERMINATION OF AGREEMENT OR OCCUPANCY PERMITS; REMEDIES FOR BREACHES 14
13. FAILURE TO ENFORCE 14
14. CONFIDENTIALITY OF INFORMATION 14
15. ACCESS TO RIGHTS-OF-WAY 16
16. SPECIFICATIONS 16
17. ACCESS TO RECORDS 17
18. APPLICATIONS AND PRE-OCCUPANCY PERMIT SURVEYS 18
19. POLE, DUCT, AND CONDUIT SPACE ASSIGNMENTS 18
20. ISSUANCE OF OCCUPANCY PERMITS (INCLUDING MAKE-READY WORK) 19
21. CONSTRUCTION OF ATTACHING PARTY'S FACILITIES 20
22. USE AND ROUTINE MAINTENANCE OF ATTACHING PARTY'S FACILITIES 20
23. MODIFICATION OF ATTACHING PARTY'S FACILITIES 21
24. REQUIRED REARRANGEMENTS OF ATTACHING PARTY'S FACILITIES 21
25. EMERGENCY REPAIRS AND POLE REPLACEMENTS 21
26. INSPECTION BY AT&T OF ATTACHING PARTY'S FACILITIES 22
27. TAGGING OF FACILITIES AND UNAUTHORIZED ATTACHMENTS 23

28. REMOVAL OF ATTACHING PARTY'S FACILITIES 24

29. RATES, FEES, CHARGES, AND BILLING 25

30. PERFORMANCE AND PAYMENT BONDS 25

31. NOTICES 26

APPENDIX FOR ACCESS TO AT&T COMMUNICATION INC.'S STRUCTURE (POLES, CONDUITS, AND RIGHTS OF WAYS)

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions for Rights of Way (ROW), Conduits and Poles provided by the applicable AT&T Inc. (AT&T) owned Incumbent Local Exchange Carrier (ILEC) and CLEC.

1.1.1 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, L.P. 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.

1.1.2 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.

1.1.3 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.

1.1.4 AT&T CONNECTICUT - As used herein, AT&T CONNECTICUT means The Southern New England Telephone Company d/b/a AT&T Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.1.5 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.

1.1.6 AT&T SOUTHWEST REGION 5-STATE - As used herein, AT&T SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone, L.P. 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.

2. DEFINITIONS

2.1 Definitions in general. As used in this Appendix, the terms defined in this article shall have the meanings set forth below in Sections 2.1 to 2.14 except as the context otherwise requires.

2.2 Conduit. The term "conduit" refers to tubes or structures, usually underground or on bridges, containing one or more ducts used to enclose cables, wires, and associated transmission equipment. As used in this Appendix, the term "conduit" refers only to conduit structures (including ducts, manholes and handholes) and space within those structures and does not include (a) cables and other telecommunications equipment located within conduit structures or (b) central office vaults, controlled environment vaults, or other AT&T-13STATE structures (such as huts and cabinets) which branch off from or are connected to AT&T-13STATE's conduit.

2.3 Conduit system. The term "conduit system" refers to any combination of ducts, conduits, manholes, and handholes joined to form an integrated whole. As used in this Appendix, the term "conduit system" does not include (a) cables and other telecommunications equipment located within conduit structures or (b)

central office vaults, controlled environment vaults, or other AT&T-13STATE structures (such as huts and cabinets) which branch off from or are connected to AT&T-13STATE's conduit.

2.4 Duct. The term "duct" refers to a single enclosed tube, pipe, or channel for enclosing and carrying cables, wires, and other equipment. As used in this Appendix, the term "duct" includes "inner ducts" created by subdividing a duct into smaller channels, but does not include cables and other telecommunications equipment located within such ducts.

2.5 Handhole. The term "handhole" refers to a structure similar in function to a manhole, but which is too small for personnel to enter. As used in this Appendix, the term "handhole" refers only to handholes which are part of AT&T-13STATE's conduit system and does not refer to handholes which provide access to buried cables not housed within AT&T-13STATE ducts or conduits. As used in this Appendix, the term "handhole" refers only to handhole structures owned or controlled by AT&T-13STATE and does not include cables and other telecommunications equipment located within handhole structures.

2.6 Occupancy Permit. The term "occupancy permit" refers to a written instrument confirming that AT&T-13STATE has granted the structure access request of Attaching Party or a third party for access to pole, duct, conduit, or right-of-way space.

2.7 Maintenance Duct. The term "maintenance duct" generally refers to a full-sized duct (typically three inches in diameter or larger) for use, on a short-term basis, for maintenance, repair, or emergency restoration activities. The term "maintenance duct" does not include ducts and conduits extending from an AT&T-13STATE manhole to customer premises. When only one usable full-sized duct remains in a conduit section, that duct shall be deemed to be the maintenance duct.

2.8 Make-ready work. The term "make-ready work" refers to all work performed or to be performed solely to prepare AT&T-13STATE's poles, ducts, conduits, rights-of-way, and related facilities for the requested occupancy or attachment of Attaching Party's facilities.

2.9 Manhole. The term "manhole" refers to an enclosure, usually below ground level and entered through a hole on the surface, which personnel may enter and use for the purpose of installing, operating, and maintaining facilities in ducts or conduits which are parts of AT&T-13STATE's conduit system. As used in this Appendix, the term "manhole" does not include cables and other telecommunications equipment located within manhole structures.

2.10 Other User. The term "Other User" refers to entities, other than the Attaching Party, with facilities on an AT&T-13STATE pole, duct, conduit or right-of-way to which the Attaching Party has obtained access. Other Users may include AT&T-13STATE, other attaching parties, municipalities or other governmental entities, and electric utilities (which may own interests in AT&T-13STATE's poles, ducts, conduits or rights-of-ways).

2.11 Overlashing. The term "Overlashing" refers to the practice of placing an additional cable by lashing such cable with spinning wire over an existing cable and strand.

2.12 Pole. The term "pole" refers to poles (and associated anchors) which are owned or controlled by AT&T-13STATE and does not include cables and other telecommunications equipment attached to pole structures.

2.13 Rights-of-way. The term "rights-of-way" refers to AT&T-13STATE owned or controlled legal rights to pass over or through property of another party and used by AT&T-13STATE for its telecommunications distribution system. For purposes of this Appendix, "rights-of-way" includes property owned by AT&T-13STATE and used by AT&T-13STATE for its telecommunications distribution facilities. Rights-of-way does not include:

2.13.1 cables and other telecommunications equipment buried or located on such rights-of-way,

2.13.2 public rights of way (which are owned by and subject to the control of governmental entities) except to the extent that AT&T-13STATE owns or controls a legal right to pass over or through the public right of way for its telecommunications distribution system and such right is apportionable , or

2.13.3 any space which is owned and controlled by a third-party property owner and occupied by AT&T-13STATE with permission from such owner rather than as a matter of legal right, except to the extent that AT&T-13STATE's permission from the third-party property owner is apportionable and allows Attaching Party to utilize the space.

2.14 Structure. The term "Structure" refers collectively to poles, ducts, conduits and rights-of-way.

3. SCOPE OF APPENDIX

3.1 This Appendix establishes the rates, terms, conditions, and procedures by which AT&T-13STATE shall provide non-discriminatory access to AT&T-13STATE's Structure. Separate tariffs, appendices, or agreements shall govern Attaching Party's access, if any, to the following facilities which require special security, technical, and construction arrangements outside the scope of this Appendix:

3.1.1 AT&T-13STATE's central office vaults and ducts and conduits which serve no purpose other than to provide a means of entry to and exit from AT&T-13STATE's central offices;

3.1.2 controlled environment vaults (CEVs), huts, cabinets, and other similar outside plant structures and ducts and conduits which serve no purpose other than to provide a means of entry to and exit from such vaults, huts, cabinets, and structures;

3.1.3 ducts and conduits located within buildings owned by AT&T-13STATE; and

3.1.4 ducts, conduits, equipment rooms, and similar spaces located in space leased by AT&T-13STATE from third-party property owners for purposes other than to house cables and other equipment in active service as part of AT&T-13STATE's network distribution operations.

3.2 No Transfer of Property Rights to Attaching Party. Nothing contained in this Appendix, or any occupancy permit subject to this Appendix, shall create or vest (or be construed as creating or vesting) in either party any right, title, or interest in or to any real or personal property owned by the other.

3.3 No Effect on AT&T-13STATE's Right to Abandon, Convey or Transfer Structure Nothing contained in this Appendix, or any occupancy permit subject to this Appendix, shall in any way affect AT&T-13STATE's right to abandon, convey, or transfer to any other person or entity AT&T-13STATE's interest in any of AT&T-13STATE's Structure. AT&T-13STATE shall give Attaching Party at least 60 days written notice prior to abandoning, conveying, or transferring any Structure to which Attaching Party has already attached its facilities, or any Structure on which Attaching Party has already been assigned space. The notice shall identify the transferee, if any, to whom any such pole, duct, conduit, or right-of-way is to be conveyed or transferred.

4. EFFECTIVE DATE, TERM, AND ELECTIVE TERMINATION

4.1 Effective Date. This Appendix shall be effective as of the 1st day of May, 2006, or, if this Appendix has been entered into as an appendix, attachment, or exhibit to an interconnection Agreement or Appendix between the parties, the date of approval by the State Commission of the interconnection Agreement or Appendix, whichever date first occurs.

4.2 Initial Term. Unless sooner terminated as herein provided, the initial term of this Appendix shall run from the effective date until the end of the calendar year which includes the effective date. In the event this Appendix is entered into as a part of an Interconnection Agreement or Appendix, this Appendix shall terminate upon the termination of the Interconnection Agreement or Appendix of which this is apart.

4.3 Automatic Renewal. Unless sooner terminated as herein provided, this Appendix shall be automatically renewed for successive one-year terms beginning on the first day of each calendar year after the effective date, or in the same fashion as the Interconnection Agreement or Appendix renews, if a part of the Interconnection Agreement or Appendix. This renewal will occur as set forth in General Terms & Conditions, Section 5.

4.4 Elective Termination. Either party may terminate this Appendix by giving the other party at least six months prior written notice as provided in this section. The notice of termination shall state the effective date of termination, which date shall be no earlier than the last to occur of the following dates: the last day of the current term of this Appendix or six months after the date the notice is given.

4.5 Elective Termination by AT&T-13STATE. Attaching Party shall, within 60 days after the effective date of the elective termination by AT&T-13STATE, either initiate negotiations for continued access to AT&T-13STATE's poles, ducts, conduits, and rights-of-way or remove its facilities in accordance with the provisions of Section 28 of this Appendix.

4.6 Effect of Elective Termination. Elective termination of this Appendix by Attaching Party, as permitted under Section 4 of this Appendix, shall not affect Attaching Party's liabilities and obligations incurred under this Appendix prior to the effective date of termination and shall not entitle Attaching Party to the refund of any advance payment made to AT&T-13STATE under this Appendix. Elective termination of this Appendix by AT&T-13STATE shall not affect AT&T-13STATE's obligations to afford access to AT&T-13STATE's poles, ducts, conduits, and rights-of-way owned or controlled by AT&T-13STATE as required by the Pole Attachment Act, the Telecommunications Act of 1996, and other applicable laws, regulations, and commission orders.

5. GENERAL PROVISIONS

5.1 Entire Appendix. This Appendix, together with the interconnection Agreement or Appendix, if any, of which this Appendix is a part, and the Guidelines for Access to AT&T-13STATE Structure, attached hereto and incorporated herein by reference, sets forth the entire understanding and Appendix of the parties.

5.2 Prior Agreements Superseded. This Appendix supersedes all prior Agreements and understandings, whether written or oral, between Attaching Party and AT&T-13STATE relating to the placement and maintenance of Attaching Party's facilities on and within AT&T-13STATE's poles, ducts, and conduits within this State.

5.3 Amendments Shall Be in Writing. Except as otherwise specifically provided to the contrary by other provisions of this Appendix, the terms and conditions of this Appendix shall not be amended, changed or altered except in writing and with approval by authorized representatives of both parties.

5.4 Survival of Obligations. Any liabilities or obligations of either party for acts or omissions prior to the termination of this Appendix, any obligations of either party under provisions of this Appendix relating to confidential and proprietary information, indemnification, limitations of liability, and any other provisions of this Appendix which, by their terms, are contemplated to survive (or be performed after) termination of this Appendix, will survive the termination of this Appendix.

5.5 Multiple Counterparts. This Appendix may be executed in multiple counterparts.

5.6 Effect on Licenses or Occupancy Permits Issued Under Prior Agreements. All currently effective pole attachment and conduit occupancy permits granted to Attaching Party shall, on the effective date of this Appendix, be subject to the rates, terms, conditions, and procedures set forth in this Appendix.

5.7 Force Majeure. Except as otherwise specifically provided in this Appendix, neither party will be liable for any delay or failure in performance of any part of this Appendix caused by a Force Majeure condition, including acts of the United States of America or any state, territory, or political subdivision thereof, acts of God or a public enemy, fires, floods, disputes, freight embargoes, earthquakes, volcanic actions, wars, acts of terrorism, civil disturbances, cable cuts, or other causes beyond the reasonable control of the party claiming excusable delay or other failure to perform; provided, however, that Force Majeure will not include acts of any governmental authority relating to environmental, health, or safety conditions at work locations. If any Force Majeure condition occurs, the party whose performance fails or is delayed because of such Force Majeure condition will give prompt notice to the other party, and, upon cessation of such Force Majeure condition, will give like notice and commence performance hereunder as promptly as reasonably practicable.

5.8 Severability. If any article, section, subsection, or other provision or portion of this Appendix is or becomes invalid under any applicable statute or rule of law, and such invalidity does not materially alter the essence of this Appendix as to either party, the invalidity of such provision shall not render this entire Appendix unenforceable and this Appendix shall be administered as if it did not contain the invalid provision.

5.9 Choice of Law. Except to the extent that federal law controls any aspect of this Appendix, the validity of this Appendix, the construction and enforcement of its terms, and the interpretation of the rights and duties of the parties will be governed by the laws of the State in which the Structure is located, applied without regard to the provisions of that State's laws relating to conflicts-of-laws.

5.10 Changes in the Law. The parties agree to negotiate in good faith changes to this Appendix to conform to changes applicable law pertaining to access to poles, ducts, conduits and rights-of-way, including the Pole Attachment Act.

5.11 The parties shall at all times observe and comply with, and the provisions of this Appendix are subject to, all applicable federal, state, and local laws, ordinances, and regulations which in any manner affect the rights and obligations of the parties.

6. DISCLAIMER OF WARRANTIES

6.1 AT&T-13STATE MAKES NO REPRESENTATIONS AND DISCLAIMS ANY WARRANTIES, EXPRESSED OR IMPLIED, THAT AT&T-13STATE'S POLES, DUCTS, CONDUITS AND WARRANTIES ARE SUITABLE FOR THE ATTACHING PARTY'S INTENDED USES OR ARE FREE FROM DEFECTS. THE ATTACHING PARTY SHALL IN EVERY INSTANCE BE RESPONSIBLE TO DETERMINE THE ADEQUACY OF AT&T-13STATE'S POLES, DUCTS, CONDUITS AND RIGHTS-OF-WAY FOR THE ATTACHING PARTY'S INTENDED USE.

7. DISPUTE RESOLUTION

7.1 In the event that this Appendix is a part of an Interconnect Agreement between the parties, the dispute resolution provisions of the Interconnection Agreement shall apply to disputes under this Appendix.

8. INDEMNIFICATION

8.1 Definitions. The term "Claims" as used in Section 8 shall mean any suit, claim, demand, loss, damage, liability, fee, fine, penalty, or expense, of every kind and character.

8.2 Indemnities Excluded. Except as otherwise specifically provided in this article, neither party (as an "indemnifying party") shall be required to indemnify or defend the other party (as an "indemnified party") against, or hold the indemnified party harmless from, any Claims arising out of:

8.2.1 any breach by the indemnified party of any provision of this Appendix or any breach by the indemnified party of the parties' interconnection Agreement if any;

8.2.2 the violation of any law by any employee of the indemnified party or other person acting on the indemnified party's behalf;

8.2.3 willful or intentional misconduct or gross negligence committed by any employee of the indemnified party or by any other person acting on the indemnified party's behalf; or

8.2.4 any negligent act or acts committed by any employee of the indemnified party or other person acting on the indemnified party's behalf, if such negligent act or acts are the sole producing cause of the injury, loss, or damage giving rise to the Claim for which indemnity is requested.

8.3 Workplace Injuries. Except as expressly provided in this Appendix to the contrary, each party shall indemnify, on request defend, and hold the other party harmless from any and all Claims, on account of or in connection with any injury, loss, or damage suffered by any person, which arises out of or in connection with the personal injury or death of any employee of the indemnifying party (or other person acting on the

indemnifying party's behalf) if such injury or death results, in whole or in part, from any occurrence or condition on, within, or in the vicinity of AT&T-13STATE's Structure.

8.4 Other Claims Brought Against Either Party by Employees and Other Persons Acting on the Other Party's Behalf. Each party shall indemnify, on request defend, and hold the other party harmless from any and all Claims (other than workplace injury claims subject to Section 8.3 above) made, brought, or sought against the indemnified party by any employee, contractor, or subcontractor or other agent of the indemnifying party or by any other person acting on the indemnifying party's behalf.

8.5 THE INDEMNIFYING PARTY'S INDEMNIFICATION OBLIGATIONS UNDER SECTIONS 8.3-8.4 SHALL ARISE EVEN IF THE INJURY, SICKNESS, DISEASE, OR DEATH WAS ATTRIBUTABLE IN PART TO NEGLIGENT ACTS OR OMISSIONS OF THE INDEMNIFIED PARTY.

8.6 Claims Brought Against Either Party by Vendors, Suppliers and Customers of the Other Party. Each party shall indemnify, on request defend, and hold the other party harmless from any and all Claims (other than workplace injury claims subject to Section 8.3, or other claims subject to Section 8.4) made, brought, or sought against the indemnified party by any vendor, supplier, or customer of the indemnifying party.

8.7 Injuries to Third Parties and Third party Property Owners Resulting from the Parties' Conduct. Each party shall indemnify, on request defend, and hold the other party harmless from any and all Claims, on account of or in connection with the personal injury or death of any third party or physical damage to real or personal property owned by a third party, arising, in whole or in part, out of or in connection with the conduct of employees of the indemnifying party or other persons acting on the indemnifying party's behalf.

8.8 Indemnification for Environmental Claims.

8.8.1 Each party shall indemnify, on request defend, and hold the other party harmless from any and all Claims, on account of or in connection with any death of person or injury, loss, or damage to any person or property, or to the environment, arising out of or in connection with the violation or breach, by any employee of the indemnifying party or other person acting on the indemnifying party's behalf, of

8.8.1.1 any federal, state, or local environmental or health statute, rule, regulation, ordinance, or other law or:

8.8.1.2 any provision or requirement of this Appendix dealing with hazardous substances or protection of the environment.

8.8.2 Each party shall indemnify, on request defend, and hold the other party harmless from any and all Claims, on account of or in connection with any death of person or injury, loss, or damage to any person or property, or to the environment, arising out of or in connection with the release or discharge, onto any public or private property, of any hazardous substances, regardless of the source of such hazardous substances, by any employee of the indemnifying party, or by any person acting on the indemnifying party's behalf, while present on, within, or in the vicinity of any AT&T-13STATE pole, duct, conduit, or right-of-way.

8.8.3 Each party shall indemnify, on request defend, and hold the other party harmless from any and all Claims, on account of or in connection with any death of person or injury, loss, or damage to any person or property, or to the environment, arising out of or in connection with the removal or disposal of any hazardous substances by the indemnifying party or by any person acting on the indemnifying party's behalf, or arising out of or in connection with the subsequent storage, processing or other handling of such hazardous substances by any person or entity after the hazardous substances have been removed by the indemnifying party or persons acting on the indemnifying party's behalf from the site of any AT&T-13STATE pole, duct, conduit, or right-of-way.

8.8.4 Except as otherwise specifically provided in this section, neither party shall be required to indemnify or defend the other party against, or hold the other party harmless from any Claims for which the other party may be liable under any federal, state, or local environmental or health statute, rule, regulation, ordinance, or other law.

8.9 Miscellaneous Claims. Attaching Party shall indemnify, on request defend, and hold AT&T-13STATE harmless from any and all Claims, of every kind and character, made, brought, or sought against AT&T-13STATE by any person or entity, arising out of or in connection with the subject matter of this Appendix and based on either:

8.9.1 Claims for taxes, municipal fees, franchise fees, right-to-use fees, and other special charges assessed on AT&T-13STATE due to the placement or presence of Attaching Party's facilities on or within AT&T-13STATE's poles, ducts, conduits, or rights-of-way; or

8.9.2 Claims based on the violation by Attaching Party of any third party's intellectual property rights, including but not limited to claims for copyright infringement, patent infringement, or unauthorized use or transmission of television or radio broadcast programs or other program material.

8.10 Attaching Party's General Indemnity Obligations to AT&T-13STATE. This section applies only in those situations not expressly covered by Sections 8.3-8.9 and does not apply to any Claims resulting from Attaching Party's enforcement of its rights against AT&T-13STATE pursuant to this Appendix or other provisions in the parties' Interconnection Agreement, if any. Except as otherwise expressly provided in this Appendix to the contrary, and subject to the exclusions set forth in Section 8.2, Attaching Party shall indemnify, on request defend, and hold AT&T-13STATE harmless from any and all Claims, on account of or in connection with any death of person or injury, loss, or damage to any person or property, or to the environment, arising out of or in connection with Attaching Party's access to or use of AT&T-13STATE's poles, ducts, conduits, or rights-of-way, Attaching Party's performance of any acts authorized under this Appendix, or the presence or activities of Attaching Party's employees or other personnel acting on Attaching Party's behalf on, within, or in the vicinity of AT&T-13STATE's poles, ducts, conduits, or rights-of-way.

8.11 AT&T-13STATE's General Indemnity Obligations to Attaching Party. This section applies only in those situations not expressly covered by Sections 8.3-8.9 and does not apply to any Claims resulting from AT&T-13STATE's enforcement of its rights against Attaching Party pursuant to this Appendix or other provisions in the parties' Interconnection Agreement, if any. Except as otherwise expressly provided in this Appendix to the contrary, AT&T-13STATE shall indemnify, on request defend, and hold Attaching Party harmless from any and all Claims, on account of or in connection with any death of person or injury, loss, or damage to any person or property, or to the environment, arising out of or in connection with AT&T-13STATE's access to or use of AT&T-13STATE's poles, ducts, conduits, or rights-of-way, AT&T-13STATE's performance of any acts authorized under this Appendix, or the presence or activities of AT&T-13STATE's employees or other personnel acting on AT&T-13STATE's behalf on, within, or in the vicinity of AT&T-13STATE's poles, ducts, conduits, or rights-of-way.

9. LIABILITIES AND LIMITATIONS OF LIABILITY

9.1 EXCLUSION OF LIABILITY FOR SPECIAL, INDIRECT, EXEMPLARY, OR CONSEQUENTIAL DAMAGES. NEITHER PARTY SHALL BE LIABLE TO THE OTHER PARTY FOR ANY INDIRECT, SPECIAL, EXEMPLARY, CONSEQUENTIAL, INCIDENTAL, OR PUNITIVE DAMAGES, INCLUDING BUT NOT LIMITED TO LOSS OF ANTICIPATED PROFITS OR REVENUE OR OTHER ECONOMIC LOSS IN CONNECTION WITH OR ARISING FROM ANY ACT OR FAILURE TO ACT PURSUANT TO THIS AGREEMENT, EVEN IF THE OTHER PARTY HAS ADVISED SUCH PARTY OF THE POSSIBILITY OF SUCH DAMAGES. THIS SECTION LIMITS EACH PARTY'S LIABILITY FOR INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL, EXEMPLARY OR PUNITIVE DAMAGES ARISING OUT OF OR IN CONNECTION WITH NEGLIGENT (INCLUDING GROSSLY NEGLIGENT) ACTS OR OMISSIONS OF SUCH PARTY BUT DOES NOT LIMIT EITHER PARTY'S LIABILITY FOR INTENTIONAL MISCONDUCT.

9.2 AT&T-13STATE Not Liable to Attaching Party for Acts of Third Parties or Acts of God. By affording Attaching Party access to AT&T-13STATE Structure AT&T-13STATE does not warrant, guarantee, or insure the uninterrupted use of such facilities by Attaching Party. Except as specifically provided in Section 9.5 of this Appendix, Attaching Party assumes all risks of injury, loss, or damage (and the consequences of any such injury, loss, or damage) to Attaching Party's facilities attached to AT&T-13STATE's poles or

placed in AT&T-13STATE's Structure and AT&T-13STATE shall not be liable to Attaching Party for any damages to Attaching Party's facilities other than as provided in Section 9.5. In no event shall AT&T-13STATE be liable to Attaching Party under this Agreement for any death of person or injury, loss, or damage resulting from the acts or omissions of (1) any Other User or any person acting on behalf of an Other User, (2) any governmental body or governmental employee, (3) any third-party property owner or persons acting on behalf of such property owner, or (4) any permit, invitee, trespasser, or other person present at the site or in the vicinity of any AT&T-13STATE pole, duct, conduit, or right-of-way in any capacity other than as a AT&T-13STATE employee or person acting on AT&T-13STATE's behalf. In no event shall AT&T-13STATE be liable to Attaching Party under this Agreement for injuries, losses, or damages resulting from acts of God (including but not limited to storms, floods, fires, and earthquakes), wars civil disturbances, espionage or other criminal acts committed by persons or entities not acting on AT&T-13STATE's behalf, cable cuts by persons other than AT&T-13STATE's employees or persons acting on AT&T-13STATE's behalf, or other causes beyond AT&T-13STATE's control which occur at sites subject to this Appendix.

9.3 Damage to Facilities. Each party shall exercise due care to avoid damaging the facilities of the other or of Other Users and hereby assumes all responsibility for any and all loss from damage caused by the party and persons acting on the party's behalf. A party shall make an immediate report to the other of the occurrence of any damage and hereby agrees to reimburse the other party, and/or Other Users for any property damaged caused by the party or persons acting on the party's behalf.

9.4 No Limitations of Liability in Contravention of Federal or State Law. Nothing contained in this article shall be construed as exempting either party from any liability, or limiting such party's liability, in contravention of federal law or in contravention of the laws of this State.

10. INSURANCE

10.1 At all times in which the Attaching Party has attachments to AT&T-13STATE poles, or is occupying AT&T-13STATE conduit or right-of-way, Attaching Party shall keep and maintain in force, at its own expense, the minimum insurance coverage and limits set for below. Such insurance and coverage shall not only cover the Attaching Party, but it must cover all contractors, subcontractors and/or any other person acting on Attaching Party's behalf, that are providing services under this Appendix.

10.1.1 Workers' Compensation insurance with benefits afforded under the laws of each state covered by this Appendix and Employers Liability insurance with minimum limits of $1,000,000 for Bodily Injury-each accident, $500,000 for Bodily Injury by disease-policy limits and $1,000,000 for Bodily Injury by disease-each employee.

10.1.2 Commercial General Liability insurance with minimum limits of: $10,000,000 General Aggregate limit; $5,000,000 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; $10,000,000 Products/Completed Operations Aggregate limit, with a $5,000,000 each occurrence sub-limit for Products/Completed Operations.

10.1.3 Automobile Liability insurance with minimum limits of $1,000,000 combined single limits per occurrence for bodily injury and property damage, with coverage extending to all owned, hired and non-owned vehicles.

10.1.4 Minimum insurance coverage and limits may be provided for by either basis or umbrella policies or any combination thereof, such policies to be provided to the other Party upon request.

10.2 Attaching Party agrees to name AT&T-13STATE as an Additional Insured on the Commercial General Liability policy and Commercial Automobile Liability Policy.

10.3 AT&T-13STATE agrees to accept the Attaching Party's program of self-insurance in lieu of insurance coverage if certain requirements are met. These requirements are as follows:

10.3.1 Workers' Compensation and Employers Liability: Attaching Party submit to AT&T-13STATE its Certificate of Authority to Self-Insure its Workers' Compensation obligations issued by each state covered by this Appendix or the employer's state of hire; and

10.3.2 Automobile liability: Attaching Party shall submit to AT&T-13STATE a copy of the state-issued letter approving self-insurance for automobile liability issued by each state covered by this Appendix; and

10.3.3 General liability: If Attaching Party utilizes a program of self-insurance in lieu of insurance coverage, then Attaching Party must provide evidence acceptable to AT&T-13STATE 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.

10.4 All insurance required in accordance with this section must be in effect before AT&T-13STATE will issue pole attachment or conduit occupancy permits under this Appendix.

10.5 Attaching Party agrees to provide AT&T-13STATE 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.

11. ASSIGNMENT OF RIGHTS

11.1 Assignment Permitted. Neither party may assign or otherwise transfer its rights or obligations under this Appendix except as provided in this section.

11.1.1 AT&T-13STATE may assign its rights, delegate its benefits, and delegate its duties and obligations under this Appendix, without Attaching Party's consent, to any entity controlling, controlled by, or under common control with AT&T-13STATE or which acquires or succeeds to ownership of substantially all of AT&T-13STATE's assets. Attaching Party may assign and delegate any of its rights or obligations under this Agreement to an affiliate (that is, an entity having direct or indirect common ownership with Attaching Party) or to a person or entity that through a general sale or acquisition acquires substantially all of Attaching Party's assets ("Acquiring Person"), without consent by AT&T-13STATE, provided however, that Attaching Party shall give AT&T-13STATE thirty (30) days advance written notice with full identification of the Acquiring Person, that the Acquiring Person (or a guarantor of the Acquiring Person's obligations under this Agreement) has a net worth no less than Attaching Party has as of the commencement of the Agreement and provides AT&T-13STATE with available financial records (including but not limited to balance sheet and income statement) and other reasonably requested information, subject to the execution of a mutually acceptable NDA, if requested, to satisfy the net worth requirement. In the event Acquiring Person meets this test, Attaching Party will be released of any duty, liability, obligation, covenant or agreement contained in this Agreement, with or without consent, upon the assignment, subletting, transfer or other conveyance of right, duty, or interest in this agreement.

11.1.2 Overlashing of Attaching Party's facilities on AT&T-13STATE poles by a third party will be allowed under the following conditions:

11.1.2.1 The Overlashing entity must enter into an Appendix with AT&T-13STATE for access to AT&T-13STATE Structures and abide by the terms and conditions of such an Occupancy Permit.

11.1.2.2 The Overlashing entity must obtain written approval from the Attaching Party and provide a copy to AT&T-13STATE prior to submitting a request for access to structure.

11.1.2.3 The Overlashing party must submit a written request for access to structure, and indicate on the request that the request is for Overlashing of an existing attachment of the Attaching Party.

11.1.2.4 The Overlashing entity is responsible for paying the fees for Overlashing in APPENDIX I and/or APPENDIX PRICING which are separate and in addition to the fees paid by the Attaching Party.

11.1.3 Attaching Party may, ancillary to a bona fide loan transaction between Attaching Party and any lender, and without AT&T-13STATE's consent, grant security interests or make collateral assignments in substantially all of Attaching Party's assets, including Attaching Party's rights under this Appendix, subject to the express terms of this Appendix. In the event Attaching Party's lender, in the bona fide exercise of its rights as a secured lender, forecloses on its security interest or arranges for a third party to acquire Attaching Party's assets through public or private sale or through an Agreement with Attaching Party, Attaching Party's lender or the third party acquiring Attaching Party's rights under this Appendix shall assume all outstanding obligations of Attaching Party under the agreement and provide commercially reasonable proof satisfactory to AT&T-13STATE that such lender or third party has complied or will comply with all requirements established under this Appendix. Notwithstanding any provisions of this Appendix to the contrary, such foreclosure by Attaching Party's lender or acquisition of assets by such third party shall not constitute a breach of this Agreement and, upon such foreclosure or acquisition, Attaching Party's lender or such third party shall succeed to all rights and remedies of Attaching Party under this Agreement (other than those rights and remedies, if any, which have not been transferred and, if Attaching Party is a debtor under the Federal Bankruptcy Code, those rights, if any, which remain a part of the debtor's estate notwithstanding an attempted foreclosure or transfer) and to all duties and obligations of Attaching Party under the Agreement, including liability to AT&T-13STATE for any act, omission, default, or obligation that arose or occurred under the Agreement prior to the date on which such lender or third party succeeds to the rights of Attaching Party under the Agreement, as applicable.

11.1.4 No assignment or transfer by Attaching Party of rights under this Agreement, occupancy permit subject to this Agreement, or authorizations granted under this Agreement , except as set forth in Section 11.1.1 above, shall be effective until Attaching Party, its successors, and assigns have complied with the provisions of this article, secured AT&T-13STATE's prior written consent to the assignment or transfer, if necessary, and given AT&T-13STATE notice of the assignment or transfer pursuant to Section 11.3.

11.2 Incorporations, Mergers, Acquisitions, and Other Changes in Attaching Party's Legal Identity. When the legal identity or status of Attaching Party changes, whether by incorporation, reincorporation, merger, acquisition, or otherwise, such change shall be treated as an assignment subject to the provisions of this article, provided, however, that a mere name change by Attaching Party shall not constitute an assignment, so long as Attaching Party provides reasonable advance notice of the name change together with supporting documentation.

11.3 Assignment Shall Not Relieve Attaching Party of Prior Obligations. Except as otherwise expressly agreed by AT&T-13STATE in writing, no assignment permitted by AT&T-13STATE under this Agreement shall relieve Attaching Party of any obligations arising under or in connection with this Agreement, including but not limited to indemnity obligations under Section 8 of this Appendix or the interconnection agreement, if any.

11.4 Satisfaction of Existing Obligations and Assumption of Contingent Liabilities. AT&T-13STATE may condition its approval of any requested assignment or transfer on the assignee's or successor's payment or satisfaction of all outstanding obligations of Attaching Party under this Agreement and the assignee's or successor's assumption of any liabilities, or contingent liabilities, of Attaching Party arising out of or in connection with this Agreement.

11.5 Sub-Permits Prohibited. Nothing contained in this Agreement shall be construed as granting Attaching Party the right to sublease, sublicense, or otherwise transfer any rights under this Agreement or occupancy permits subject to this Agreement to any third party. Except as otherwise expressly permitted in this Agreement, Attaching Party shall not allow third party to attach or place facilities to or in pole or conduit space occupied by or assigned to Attaching Party or to utilize such space.

12. TERMINATION OF AGREEMENT OR OCCUPANCY PERMITS; REMEDIES FOR BREACHES

12.1 Termination Due to Non-Use of Facilities or Loss of Required Authority. This Appendix and all occupancy permits subject to this Appendix shall terminate if Attaching Party ceases to have authority to do business or ceases to do business in this State, ceases to have authority to provide or ceases to provide cable television services in this State (if Attaching Party is cable television system having access to AT&T-13STATE's poles, ducts, conduits or rights-of-way solely to provide cable television service), ceases to have authority to provide telecommunications services in this State (if Attaching Party is a telecommunications carrier which does not also have authority to provide cable television service in this State), or ceases to make active use of AT&T-13STATE's poles, ducts, conduits, and right-of-way in situations where AT&T-13STATE provides evidence of a specific need for use of the poles, ducts, conduits, and right-of-way by AT&T-13STATE or another qualifying entity.

12.2 Individual occupancy permits subject to this Appendix shall terminate if (a) Attaching Party ceases to utilize the pole attachment or conduit or right of way space subject to such occupancy permit or (b) Attaching Party's permission to use or have access to particular poles, ducts, conduits, or rights-of-way has been revoked, denied, or terminated, or local governmental authority or third-party property owner having authority to revoke, deny, or terminate such use or access has done so.

12.3 Limitation, Termination, or Refusal of Access for Certain Material Breaches. Attaching Party's access to AT&T-13STATE's Structure shall not materially interfere with or impair service over any facilities of AT&T-13STATE or any Other User, cause material damage to AT&T-13STATE's plant or the plant of any Other User, impair the privacy of communications carried over the facilities of AT&T-13STATE or any Other User, or create serious hazards to the health or safety of any persons working on, within, or in the vicinity of AT&T-13STATE's poles, ducts, rights-of-way or to the public. Upon reasonable notice and opportunity to cure, AT&T-13STATE may limit, terminate or refuse access if Attaching Party violates this provision.

12.4 Notice and Opportunity to Cure Breach. In the event of any claimed breach of this Appendix by either party, the aggrieved party may give written notice of such claimed breach.

12.5 The complaining party shall not be entitled to pursue any remedies available under this Appendix or relevant law unless such notice is given, and

12.5.1 the breaching party fails to cure the breach within 30 days of such notice, if the breach is one which can be cured within 30 days, or

12.5.2 the breaching party fails to commence promptly and pursue diligently a cure of the breach, if the required cure is such that more than 30 days will be required to effect such cure.

12.6 Remedies for Breach. Subject to the provisions of this article, either party may terminate this Appendix in the event of a material breach by the other party or exercise any other legal or equitable right which such party may have to enforce the provisions of this Appendix. In any action based on an alleged breach of this Appendix, the prevailing party shall be entitled to recover all costs and expenses incurred by such party, including but not limited to reasonable attorneys' and expert witness fees.

13. FAILURE TO ENFORCE

13.1 No Waiver. The failure by either party to take action to enforce compliance with any of the terms or conditions of this Appendix, to give notice of any breach, or to terminate this Appendix or any occupancy permit or authorization subject to this Appendix shall not constitute a waiver or relinquishment of any term or condition of this Appendix, a waiver or relinquishment of the right to give notice of breach, or waiver or relinquishment of any right to terminate this Appendix.

14. CONFIDENTIALITY OF INFORMATION

14.1 Information Provided by Attaching Party to AT&T-13STATE. Except as otherwise specifically provided in this Appendix, all company-specific and customer-specific information submitted by Attaching Party to AT&T-13STATE in connection with this Appendix (including but not limited to information submitted in

connection with Attaching Party's applications for occupancy permit shall be deemed to be "confidential" or "proprietary" information of Attaching Party and shall be subject to the terms set forth in this article. Confidential or proprietary information specifically includes information or knowledge related to Attaching Party's review of records regarding a particular market area, or relating to assignment of space to Attaching Party in a particular market area, and further includes knowledge or information about the timing of Attaching Party's request for or review of records or its inquiry about AT&T-13STATE facilities. This article does not limit the use by AT&T-13STATE of aggregate information relating to the occupancy and use of AT&T-13STATE's Structure by firms other than AT&T-13STATE (that is, information submitted by Attaching Party and aggregated by AT&T-13STATE in a manner that does not directly or indirectly identify Attaching Party).

14.2 Access Limited to Persons with a Need to Know. Confidential or proprietary information provided by Attaching Party to AT&T-13STATE in connection with this Appendix shall not be disclosed to, shared with, or accessed by any person or persons other than those who have a need to know such information for the limited purposes set forth in Sections 14.3-14.6.

14.3 Permitted Uses of Attaching Party's Confidential Information. Notwithstanding the provisions of Sections 14.1 and 14.2 above, AT&T-13STATE and persons acting on AT&T-13STATE's behalf may utilize Attaching Party's confidential or proprietary information for the following purposes:

14.3.1 posting information, as necessary, to AT&T-13STATE's outside plant records;

14.3.2 placing, constructing, installing, operating, utilizing, maintaining, monitoring, inspecting, repairing, relocating, transferring, conveying, removing, or managing AT&T-13STATE's Structure and any AT&T-13STATE facilities located on, within, or in the vicinity of such Structure;

14.3.3 performing AT&T-13STATE's obligations under this Agreement and similar agreements with third parties;

14.3.4 determining which of AT&T-13STATE's Structure are (or may in the future be) available for AT&T-13STATE's own use, and making planning, engineering, construction, and budgeting decisions relating to AT&T-13STATE's Structure;

14.3.5 preparing cost studies;

14.3.6 responding to regulatory requests for information;

14.3.7 maintaining AT&T-13STATE's financial accounting records; and

14.3.8 complying with other legal requirements relating to Structure.

14.4 Defense of Claims. In the event of a dispute between AT&T-13STATE and any person or entity, including Attaching Party, concerning AT&T-13STATE's performance of this Agreement, satisfaction of obligations under similar agreements with third parties, compliance with the Pole Attachment Act, compliance with the Telecommunications Act of 1996, or compliance with other federal, state, or local laws, regulations, commission orders, and the like, AT&T-13STATE may utilize confidential or proprietary information submitted by Attaching Party in connection with this Appendix as may be reasonable or necessary to demonstrate compliance, protect itself from allegations of wrongdoing, or comply with subpoenas, court orders, or reasonable discovery requests; provided, however, that AT&T-13STATE shall not disclose Attaching Party's proprietary or confidential information without first:

14.4.1 obtaining an agreed protective order or nondisclosure Agreement that preserves the confidential and proprietary nature of Attaching Party's information;

14.4.2 seeking such a protective order as provided by law if no agreed protective order or nondisclosure Agreement can be obtained; or

14.4.3 providing Attaching Party notice of the subpoena, demand, or order and an opportunity to take affirmative steps of its own to protect such proprietary or confidential information.

14.5 Response to Subpoenas, Court Orders, and Agency Orders. Nothing contained in this article shall be construed as precluding AT&T-13STATE from complying with any subpoena, civil or criminal investigative

demand, or other order issued or entered by a court or agency of competent jurisdiction; provided, however, that AT&T-13STATE shall not disclose Attaching Party's proprietary or confidential information without first, at AT&T-13STATE's option:

14.5.1 obtaining an agreed protective order or nondisclosure Agreement that preserves the confidential and proprietary nature of Attaching Party's information;

14.5.2 seeking such a protective order as provided by law if no agreed protective order or nondisclosure Agreement can be obtained; or

14.5.3 providing Attaching Party notice of the subpoena, demand, or order and an opportunity to take affirmative steps of its own to protect such proprietary or confidential information.

15. ACCESS TO RIGHTS-OF-WAY

15.1 To the extent AT&T-13STATE has the authority to do so, AT&T-13STATE grants Attaching Party a right to use any right-of-way for AT&T-13STATE poles, ducts, or conduits to which Attaching Party may attach its facilities for the purposes of constructing, operating and maintaining such Attaching Party's facilities on AT&T-13STATE's poles, ducts or conduits. Notwithstanding the foregoing, Attaching Party shall be responsible for determining the necessity of and obtaining from private and/or public authority any necessary consent, easement, right of way, license, permit, permission, certification or franchise to construct, operate and/or maintain its facilities on private and public property at the location of the AT&T-13STATE pole, duct or conduit to which Attaching Party seeks to attach its facilities. Attaching Party shall furnish proof of any such easement, right of way, license, permit, permission, certification, or franchise within thirty (30) days of request by AT&T-13STATE. AT&T-13STATE does not warrant the validity or apportionability of any rights it may hold to place facilities on private property.

15.2 Private Rights-of-Way Not Owned or Controlled by Either Party. Neither party shall restrict or interfere with the other party's access to or right to occupy property owned by third-parties which is not subject to the other party's control, including property as to which either party has access subject to non-exclusive rights-of-way. Each party shall make its own, independent legal assessment of its right to enter upon or use the property of third-party property owners and shall bear all expenses, including legal expenses, involved in making such determinations.

15.3 Access to Rights-of-Way Generally. At locations where AT&T-13STATE has access to third-party property pursuant to non-exclusive rights-of-way, AT&T-13STATE shall not interfere with Attaching Party's negotiations with third-party property owners for similar access or with Attaching Party's access to such property pursuant to easements or other rights-of-ways obtained by Attaching Party from the property owner. At locations where AT&T-13STATE has obtained exclusive rights-of-way from third-party property owners or otherwise controls the right-of-way, AT&T-13STATE shall, to the extent space is available, and subject to reasonable safety, reliability, and engineering conditions, provide access to Attaching Party on a nondiscriminatory basis, provided that the underlying agreement with the property owner permits AT&T-13STATE to provide such access, and provided further that AT&T-13STATE's charges for such access shall include Attaching Party's pro rata portion of the charges, if any, paid by AT&T-13STATE to obtain the right-of-way, plus any other documented legal, administrative, and engineering costs incurred by AT&T-13STATE in obtaining the right-of-way and processing Attaching Party's request for access.

16. SPECIFICATIONS

16.1 Compliance with Requirements, Specifications, and Standards. Attaching Party's facilities attached to AT&T-13STATE's poles or occupying space in AT&T-13STATE's ducts, conduits, and rights-of-way shall be attached, placed, constructed, maintained, repaired, and removed in full compliance with the requirements, specifications, and standards specified in this Appendix and the Administrative Guide.

16.1.1 AT&T CALIFORNIA ONLY- In addition to the terms and conditions included in this Appendix, AT&T CALIFORNIA shall comply with any requirements set forth in California Public Utility Commission Decision 98-10-058.

16.2 Published Standards. Attaching Party's facilities shall be placed, constructed, maintained, repaired, and removed in accordance with current (as of the date when such work is performed) editions of the following publications:

16.2.1 the Blue Book Manual of Construction Procedures, Special Report SR-TAP-001421, published by Bell Communications Research, Inc. ("Bellcore"), and sometimes referred to as the "Blue Book";

16.2.2 the National Electrical Safety Code ("NESC"), published by the Institute of Electrical and Electronic Engineers, Inc. ("IEEE");

16.2.3 the National Electrical Code ("NEC"), published by the National Fire Protection Association ("NFPA");

16.2.4 California Public Utility Commission's General Orders 95 and 128 for attachments to Pacific Bell Telephone Company poles, ducts, conduits and rights of way; and,

16.2.5 the AT&T-13STATE Structure Access Guidelines

16.3 Opening of Manholes and Access to Conduit. The following requirements apply to the opening of AT&T-13STATE's manholes and access to AT&T-13STATE's conduit system.

16.3.1 Attaching Party will notify AT&T-13STATE not less than five (5) business days in advance before entering AT&T-13STATE's conduit system to perform non-emergency work operations. Such operations shall be conducted during normal business hours except as otherwise agreed by the parties. The notice shall state the general nature of the work to be performed.

16.3.2 An authorized employee or representative of AT&T-13STATE may be present any time when Attaching Party or personnel acting on Attaching Party's behalf enter or perform work within AT&T-13STATE's conduit system. Attaching Party shall reimburse AT&T-13STATE for costs associated with the presence of AT&T-13STATE's authorized employee or representative. Should an AT&T representative be on site during the entirety of CLEC's installation and AT&T is able to review all work performed, then AT&T will not charge CLEC for a separate post-construction inspection.

16.3.3 Each party must obtain any necessary authorization from appropriate authorities to open manholes.

17. ACCESS TO RECORDS

17.1 AT&T-13STATE will, upon request and at the expense of the Attaching Party provide Attaching Party access to and copies of redacted maps, records and additional information relating to the location, capacity and utilization of AT&T-13STATE's Structure. Upon request, AT&T-13STATE will meet with the Attaching Party to clarify matters relating to maps, records or additional information. AT&T-13STATE does not warrant the accuracy or completeness of information on any maps or records.

17.2 Maps, records or information are and remain the proprietary property of AT&T-13STATE, are provided to the Attaching Party solely for the pursue of enabling the Attaching Party to obtain access to AT&T-13STATE's Structure, and may not be resold, reproduced or disseminated by the Attaching Party.

17.3 AT&T-13STATE will provide information currently available on the AT&T-13STATE"s maps and/or records regarding:

17.3.1 the location of Structure and street addresses for manholes and poles as shown on AT&T-13STATE's maps;

17.3.2 the footage between manholes or lateral ducts lengths, as shown on AT&T-13STATE's maps;

17.3.3 the footage between poles, if shown on AT&T-13STATE's maps;

17.3.4 the total capacity of the Structure

17.3.5 the existing utilization of the Structure.

17.4 AT&T-13STATE will not acquire additional information or provide information in formats other than that in which it currently exists and is maintained by AT&T-13STATE.

17.5 AT&T-13STATE will expunge any confidential or proprietary information from its maps and records prior to providing access to the same to the Attaching Party.

18. APPLICATIONS AND PRE-OCCUPANCY PERMIT SURVEYS

18.1 Occupancy Permits Required. Attaching Party shall apply in writing for and receive an occupancy permit before attaching facilities to specified AT&T-13STATE poles or placing facilities within specified AT&T-13STATE ducts, conduits, or rights-of-way.

18.2 Structure Access Request Form. To apply for an occupancy permit under this Appendix, Attaching Party shall submit to AT&T-13STATE the appropriate AT&T-13STATE request forms. Attaching Party shall promptly withdraw or amend its request if, at any time prior to the 45th day, it has determined that it no longer seeks access to specific AT&T-13STATE Structure.

18.3 Make-Ready Survey. A Make-Ready survey must be completed by AT&T-13STATE or the Attaching Party, if permissible in the application area, before an occupancy permit is issued. The primary purposes of the make ready survey will be to enable AT&T-13STATE to:

18.3.1 confirm or determine the modifications, capacity expansion, and make-ready work, if any, necessary to accommodate Attaching Party's attachment of facilities to AT&T-13STATE structures;

18.3.2 plan and engineer the facilities modification, capacity expansion, and make-ready work, if any, required to prepare AT&T-13STATE's poles, ducts, conduits, rights-of-way, and associated facilities for Attaching Party's proposed attachments or occupancy; and

18.3.3 estimate the costs associated with such facilities modification, capacity expansion, or make-ready work.

19. POLE, DUCT, AND CONDUIT SPACE ASSIGNMENTS

19.1 Selection of Space. AT&T-13STATE will select or approve the Attaching Party's selection of the space Applicant will occupy on AT&T-13STATE's poles or in AT&T-13STATE's conduit systems. Maintenance ducts shall not be considered available for Attaching Party's use except as specifically provided elsewhere in this Appendix. Where required by law or franchise agreement, ducts and attachment space on poles reserved for municipal use shall not be considered available for the Attaching Party's use. All other ducts, inner ducts, space on poles or space in rights-of-ways which are not assigned or occupied shall be deemed available for use by AT&T-13STATE, Attaching Party, and other parties entitled to access under applicable law.

19.2 Pole, Duct, and Conduit Space Assignments.

19.2.1 After Attaching Party's application for a pole attachment or conduit occupancy permit has been approved by AT&T-13STATE, the pole, duct, and conduit space selected and/or approved by AT&T-13STATE in such application will be assigned to Attaching Party for a pre-occupancy period not to exceed twelve (12) months.

19.2.2 AT&T CALIFORNIA: The pole, duct, and conduit space selected and/or approved by AT&T-13STATE in such application will be assigned to Attaching Party for a pre-occupancy period not to exceed nine (9) months in AT&T CALIFORNIA only as detailed by the California Public Utility Commission.

19.2.3 AT&T-13STATE may assign space to itself by making appropriate entries in the same records used to log assignments to Attaching Party and third parties. If AT&T-13STATE assigns pole, duct, or conduit space to itself, such assignment will automatically lapse 12 months after the date the assignment has been entered into the appropriate AT&T-13STATE record if AT&T-13STATE has not occupied such assigned space within such 12 month period.

19.2.4 AT&T CALIFORNIA: Space assignment is 9 months in California.

19.2.5 Notices and applications including assignment requests will be date-and time-stamped on receipt.

20. ISSUANCE OF OCCUPANCY PERMITS (INCLUDING MAKE-READY WORK)

20.1 Response Within 45 Days. Within 45 days of Attaching Party's submission of a request for access to AT&T-13STATE Structure, AT&T-13STATE shall provide a written response to the application. The response shall state whether the request is being granted or denied, and if the request is denied, provide the reasons why the request is being denied. If denial of access is proposed, AT&T-13STATE will meet with the Attaching Party and explore in good faith reasonable alternatives to accommodate the proposed attachment. The Attaching Party must request such meeting within ten (10) business days of receipt of a notice of denial. AT&T-13STATE will schedule the meeting within ten (10) business days of receipt of the Attaching Party's written request for a meeting.

20.2 If access is granted the response will further advise Attaching Party in writing of:

20.2.1 what modifications, capacity expansions, or make-ready work, if any, will be required to prepare AT&T-13STATE's Structure, and

20.2.2 an estimate of charges for such modifications, capacity expansions, or make-ready work.

20.3 Make-ready Work. If it is determined that make ready work will be necessary to accommodate Attaching Party's facilities, Attaching Party shall have 45 days (the "acceptance period") to either

20.3.1 submit payment for the estimate authorizing AT&T-13STATE or its contractor to complete the make-ready work; or

20.3.2 advise AT&T-13STATE of its willingness to perform the proposed make-ready work itself if permissible in the application area.

20.4 Make-ready work performed by Attaching Party, or by an authorized contractor selected by Attaching Party, shall be performed in accordance with AT&T-13STATE's specifications and in accordance with the same standards and practices which would be followed if such work were being performed by AT&T-13STATE or AT&T-13STATE's contractors. Neither Attaching Party nor authorized contractors selected by Attaching Party shall conduct such work in any manner which degrades the integrity of AT&T-13STATE's Structures or interferes with any existing use of AT&T-13STATE's facilities or the facilities of any Other User.

20.5 Payments to Others for Expenses Incurred in Transferring or Arranging Their Facilities. Attaching Party shall make arrangements with the Other Users with facilities attached to AT&T-13STATE's poles or occupying space in AT&T-13STATE's conduit system regarding reimbursement for any expenses incurred by the Other Users in transferring or rearranging the Other Users' facilities to accommodate the attachment or placement of Attaching Party's facilities to or in AT&T-13STATE's poles, ducts, conduits and rights of ways.

20.6 Reimbursement for the Creation or Use of Additional Capacity. If any additional capacity is created as a result of make-ready work performed to accommodate Attaching Party's facilities, Attaching Party shall not have a preferential right to utilize such additional capacity in the future and shall not be entitled to any fees subsequently paid to AT&T-13STATE for the use of such additional capacity. If AT&T-13STATE utilizes additional space or capacity created at Attaching Party's expense, AT&T-13STATE will reimburse Attaching Party on a pro-rata basis for AT&T-13STATE's share, if any, of Attaching Party's capacity expansion costs, to the extent reimbursement is required by applicable rules, regulations, and commission orders. AT&T-13STATE will notify the Attaching Party if any entity, including AT&T-13STATE, attaches facilities to additional capacity on AT&T-13STATE's Structure created at the Attaching Party's expense. AT&T-13STATE shall not be required to collect or remit any such amounts to Attaching Party, to resolve or adjudicate disputes over reimbursement between Attaching Party and Other Users.

20.7 If Attaching Party utilizes space or capacity on any AT&T-13STATE Structure created at AT&T-13STATE's expense after February of 1996, the Attaching Party will reimburse pre-existing attaching parties on a pro-

rata basis, to the extent required by applicable law, for the Attaching Party's share, if any, of AT&T-13STATE's capacity creation costs. Parties shall comply with CFR sections 1416 and 51.219.

20.8 Occupancy Permit and Attachment. After all required make-ready work is completed, AT&T-13STATE will issue an occupancy permit confirming that Attaching Party may attach specified facilities to AT&T-13STATE's Structure.

20.9 The Attaching Party must occupy the assigned space within a period not to exceed twelve (12) months from the issuance of the occupancy permit. If the Attaching Party does not occupy the assigned space within the twelve (12) month period, the Occupancy Permit will lapse and the space will considered available for use by AT&T-13STATE or Other User.

*AT&T CALIFORNIA only: Space assignment shall not exceed nine (9) months in California.

20.10 The Attaching Party's obligation to pay semiannual pole attachment or conduit occupancy fees will commence on the date the Occupancy Permit is provided by AT&T-13STATE to the Attaching Party.

21. CONSTRUCTION OF ATTACHING PARTY'S FACILITIES

21.1 Responsibility for Attaching and Placing Facilities. The Attaching Party shall be responsible for the actual attachment of its facilities to AT&T-13STATE's poles and the placement of such facilities in AT&T-13STATE's ducts, conduits, and rights-of-way and shall be solely responsible for all costs and expenses incurred by it or on its behalf in connection with such activities.

21.2 Construction Schedule. After the issuance of an occupancy permit, Attaching Party shall provide AT&T-13STATE with a construction schedule and thereafter keep AT&T-13STATE informed of anticipated changes in the construction schedule.

22. USE AND ROUTINE MAINTENANCE OF ATTACHING PARTY'S FACILITIES

22.1 Routine Maintenance of Attaching Party's Facilities. Each occupancy permit subject to this Agreement authorizes Attaching Party to engage in routine maintenance of facilities located on or within AT&T-13STATE's poles, ducts, and conduits. Routine maintenance does not include the replacement or modification of Attaching Party's facilities in any manner which results in Attaching Party's facilities differing substantially in size, weight, or physical characteristics from the facilities described in Attaching Party's occupancy permit. AT&T-13STATE and CLEC further agree that CLEC shall pay to AT&T-13STATE a penalty of $500.00 for each unauthorized entry into the conduit system. In the event that TelCove or its contractor cause damage to AT&T's property in connection with an unauthorized pole attachment or conduit or unauthorized conduit entry, CLEC will compensate AT&T for such damage. In the case where CLEC has made an unauthorized entry and installed unauthorized facilities in AT&T's conduit, CLEC should pay the higher of the two penalties, but not both.

22.2 Short-term Use of Maintenance Ducts for Repair and Maintenance Activities. Maintenance ducts shall be available to Attaching Party, on a nondiscriminatory basis, for short-term (not to exceed 30 days) non-emergency maintenance or repair activities by any entity with facilities in the conduit section in which the maintenance duct is located; provided, however, that use of the maintenance duct for non-emergency maintenance and repair activities must be scheduled by AT&T-13STATE. A person or entity using the maintenance duct for non-emergency maintenance or repair activities shall immediately notify AT&T-13STATE of such use and must either vacate the maintenance duct within 30 days or, with AT&T-13STATE's consent, which consent shall not be unreasonably withheld, rearrange its facilities to ensure that at least one full-sized replacement maintenance duct (or, if the designated maintenance duct was an inner duct, a suitable replacement inner duct) is available for use by all occupants in the conduit section within 30 days after such person or entity occupies the maintenance duct. Cables temporarily placed in the maintenance duct on a non-emergency basis shall be subject to such accommodations as may be necessary to rectify emergencies which may occur while the maintenance duct is occupied.

23. MODIFICATION OF ATTACHING PARTY'S FACILITIES

23.1 Notification of Planned Modifications. Attaching Party shall notify AT&T-13STATE in writing at least 30 days before adding to, relocating, replacing or otherwise modifying its facilities already attached to a AT&T-13STATE Structure. The notice shall contain sufficient information to enable AT&T-13STATE to determine whether the proposed addition, relocation, replacement, or modification is within the scope of Attaching Party's present occupancy permit or requires a new or amended occupancy permit.

23.2 Replacement of Facilities and Overlashing Additional Cables. Attaching Party may replace existing facilities with new facilities occupying the same AT&T-13STATE Structure, and may overlash additional cables to its own existing facilities; provided, however, that such activities shall not be considered to be routine maintenance and shall be subject to the requirements of this article.

24. REQUIRED REARRANGEMENTS OF ATTACHING PARTY'S FACILITIES

24.1 Required Rearrangement of Attaching Party's Facilities. Attaching Party agrees that Attaching Party will cooperate with AT&T-13STATE and other users in making rearrangements to AT&T-13STATE Structure as may be necessary, and that costs incurred by Attaching Party in making such rearrangements shall, in the absence of a specific agreement to the contrary, be borne by the parties in accordance with then applicable law.

24.2 Whenever feasible, AT&T-13STATE shall give Attaching Party not less than 30 days prior written notice of the need for Attaching Party to rearrange its facilities pursuant to this section. The notice shall state the date by which such rearrangements are to be completed. Attaching Party shall complete such rearrangements within the time prescribed in the notice. If Attaching Party does not rearrange facilities within noted time, AT&T-13STATE will rearrange at Attaching Party's expense.

25. EMERGENCY REPAIRS AND POLE REPLACEMENTS

25.1 Responsibility for Emergency Repairs; Access to Maintenance Duct. In general, each party shall be responsible for making emergency repairs to its own facilities and for formulating appropriate plans and practices enabling such party to make such repairs.

25.1.1 Nothing contained in this Appendix shall be construed as requiring either party to perform any repair or service restoration work of any kind with respect to the other party's facilities or the facilities of joint users.

25.1.2 Maintenance ducts shall be available, on a nondiscriminatory basis, for emergency repair activities by any entity with facilities in the conduit section in which the maintenance duct is located; provided, however, that an entity using the maintenance duct for emergency repair activities will notify AT&T-13STATE within 12 hours of the current business day (or first business day following a non-business day) that such entity is entering the AT&T-13STATE conduit system and using the maintenance duct for emergency restoral purposes. The notice will include a description of the emergency and non-emergency services involved and an estimate of the completion time. Maintenance ducts will be used to restore the highest priority services, as defined in Section 2.7, first. Existing spare ducts may be used for restoration purposes providing the spare ducts are restored after restoration work is complete. Any spare ducts not returned will be included be assigned to the user of the duct and an occupancy permit issued.

25.1.3 The Attaching Party shall either vacate the maintenance duct within 30 days or, with AT&T-13STATE's consent, rearrange its facilities to ensure that at least one full-sized replacement maintenance duct (or, if the designated maintenance duct was an inner-duct, a suitable replacement inner-duct) is available for use by all occupants in the conduit section within 30 days after such person or entity occupies the maintenance ducts. Entities not vacating the maintenance duct must provide an immediate maintenance duct at the entity's cost.

25.2 Designation of Emergency Repair Coordinators and Other Information. For each AT&T-13STATE construction district, Attaching Party shall provide AT&T-13STATE with the emergency contact number of

Attaching Party's designated point of contact for coordinating the handling of emergency repairs of Attaching Party's facilities and shall thereafter notify AT&T-13STATE of changes to such information.

25.3 Order of Precedence of Work Operations; Access to Maintenance Duct and Other Unoccupied Ducts in Emergency Situations. When notice and coordination are practicable, AT&T-13STATE, Attaching Party, and other affected parties shall coordinate repair and other work operations in emergency situations involving service disruptions. Disputes will be immediately resolved at the site by the affected parties present in accordance with the following principles.

25.3.1 Emergency service restoration work requirements shall take precedence over other work operations.

25.3.2 Except as otherwise agreed upon by the parties, restoration of lines for emergency services providers (e.g., 911, fire, police, national security and hospital lines) shall be given the highest priority and temporary occupancy of the maintenance duct (and, if necessary, other unoccupied ducts) shall be assigned in a manner consistent with this priority. Secondary priority shall be given to restoring services to the local service providers with the greatest numbers of local lines out of service due to the emergency being rectified. The parties shall exercise good faith in assigning priorities, shall base their decisions on the best information then available to them at the site in question, and may, by mutual agreement at the site, take other factors into consideration in assigning priorities and sequencing service restoration activities.

25.3.3 AT&T-13STATE shall determine the order of precedence of work operations and assignment of duct space in the maintenance duct (and other unoccupied ducts) only if the affected parties present are unable to reach prompt agreement; provided, however, that these decisions shall be made by AT&T-13STATE on a nondiscriminatory basis in accordance with the principles set forth in this section.

25.4 Emergency Pole Replacements.

25.4.1 When emergency pole replacements are required, AT&T-13STATE shall promptly make a good faith effort to contact Attaching Party to notify Attaching Party of the emergency and to determine whether Attaching Party will respond to the emergency in a timely manner.

25.4.2 If notified by AT&T-13STATE that an emergency exists which will require the replacement of a pole, Attaching Party shall transfer its facilities immediately, provided such transfer is necessary to rectify the emergency. If the transfer is to an AT&T-13STATE replacement pole, the transfer shall be in accordance with AT&T-13STATE's placement instructions.

25.4.3 If Attaching Party is unable to respond to the emergency situation immediately, Attaching Party shall so advise AT&T-13STATE and thereby authorize AT&T-13STATE (or any Other User sharing the pole with AT&T-13STATE) to perform such emergency-necessitated transfers (and associated facilities rearrangements) on Attaching Party's behalf.

25.5 Expenses Associated with Emergency Repairs. Each party shall bear all reasonable expenses arising out of or in connection with emergency repairs of its own facilities and transfers or rearrangements of such facilities associated with emergency pole replacements made in accordance with the provisions of this article.

25.5.1 Each party shall be solely responsible for paying all persons and entities who provide materials, labor, access to real or personal property, or other goods or services in connection with any such repair, transfer, or rearrangement of such party's facilities.

25.5.2 Attaching Party shall reimburse AT&T-13STATE for the costs incurred by AT&T-13STATE for work performed by AT&T-13STATE on Attaching Party's behalf in accordance with the provisions of this article.

26. INSPECTION BY AT&T OF ATTACHING PARTY'S FACILITIES

26.1 Post-Construction Inspections. AT&T-13STATE will, at the attaching party's expense, conduct a post-construction inspection of the Attaching Party's attachment of facilities to AT&T-13STATE's Structures for

the purpose of determining the conformance of the attachments to the occupancy permit. AT&T-13STATE will provide the Attaching Party advance written notice of proposed date and time of the post-construction inspection. The Attaching Party may accompany AT&T-13STATE on the post-construction inspection. Should an AT&T representative be on site during the entirety of CLEC's installation and AT&T is able to review all work performed, then AT&T will not charge CLEC for a separate post-construction inspection.

26.2 Right to Make Periodic or Spot Inspections. AT&T-13STATE shall have the right, but not the obligation, to make periodic or spot inspections of all facilities attached to AT&T-13STATE's Structure. These inspections will not be made more often than once every 2 years unless in AT&T-13STATE's judgement such inspections are required for reasons involving safety or because of an alleged violation of the terms of this Agreement.

26.3 If Attaching Party's facilities are in compliance with this Appendix, there will be no charges incurred by the Attaching Party for the periodic or spot inspection. If Attaching Party's facilities are not in compliance with this Appendix, AT&T-13STATE may charge Attaching Party for the inspection. The costs of Periodic Inspections will be paid by those Attaching Parties with 2% or greater of their attachments in violation. The amount paid by the Attaching Party shall be the percentage that their violations bear to the total violations of all Attaching Parties found during the inspection.

26.4 If the inspection reflects that Attaching Party's facilities are not in compliance with the terms of this Appendix, Attaching Party shall bring its facilities into compliance within 30 days after being notified of such noncompliance. If any make ready or modification work to AT&T-13STATE's Structures is required to bring Attaching Party's facilities into compliance, the Attaching Party shall provide notice to AT&T-13STATE and the make ready work or modification will be treated in the same fashion as make ready work or modifications for a new request for attachment.

27. TAGGING OF FACILITIES AND UNAUTHORIZED ATTACHMENTS

27.1 Facilities to Be Marked. Attaching Party shall tag or otherwise mark all of Attaching Party's facilities placed on or in AT&T-13STATE's Structure in a manner sufficient to identify the facilities as those belonging to the Attaching Party.

27.2 Removal of Untagged Facilities. AT&T-13STATE may, without notice to any person or entity remove from AT&T-13STATE's poles or any part of AT&T-13STATE's conduit system the Attaching Party's facilities, if AT&T-13STATE determines that such facilities are not the subject of a current occupancy permit and are not otherwise lawfully present on AT&T-13STATE's poles or in AT&T-13STATE's conduit system.

27.3 Notice to Attaching Party. If any of Attaching Party's facilities for which no occupancy permit is presently in effect are found attached to AT&T-13STATE's poles or anchors or within any part of AT&T-13STATE's conduit system, AT&T-13STATE, without prejudice to other rights or remedies available to AT&T-13STATE under this Appendix, and without prejudice to any rights or remedies which may exist independent of this Appendix or the Agreement, shall send a written notice to Attaching Party advising Attaching Party that no occupancy permit is presently in effect with respect to the facilities and that Attaching Party must, within 30 days, respond to the notice as provided in Section 27.6 of this Appendix.

27.4 Attaching Party's Response. Within 60 days after receiving a notice under Section 27.5 of this Appendix, Attaching Party shall acknowledge receipt of the notice and submit to AT&T-13STATE, in writing, an application for a new or amended occupancy permit with respect to such facilities.

27.5 Approval of Request and Retroactive Charges. If AT&T-13STATE approves Attaching Party's application for a new or amended occupancy permit, Attaching Party shall be liable to AT&T-13STATE for all fees and charges associated with the unauthorized attachments as specified in Section 27.10 of this Appendix. The issuance of a new or amended occupancy permit as provided by this article shall not operate retroactively or constitute a waiver by AT&T-13STATE of any of its rights or privileges under this Appendix or otherwise.

27.6 Attachment and occupancy fees and charges shall continue to accrue until the unauthorized facilities are removed from AT&T-13STATE's poles, conduit system or rights of way or until a new or amended

occupancy permit is issued and shall include, but not be limited to, all fees and charges which would have been due and payable if Attaching Party and its predecessors had continuously complied with all applicable AT&T-13STATE licensing requirements as outlined AT&T's CLEC On-line website – https://clec.att.com/clec. Such fees and charges shall be due and payable 30 days after the date of the bill or invoice stating such fees and charges. Provided, however, that in no event shall the period for back billed fees and charges exceed two (2) years. The Attaching Party shall be liable for an unauthorized attachment or occupancy fee in the amount of $500.00 per unauthorized pole attachment and $50.00 per unauthorized conduit foot, such penalties to apply on a prospective basis, as of the Effective Date of this Agreement. Attaching Party shall rearrange or remove its unauthorized facilities at AT&T-13STATE's request to comply with applicable placement standards, shall remove its facilities from any space occupied by or assigned to AT&T-13STATE or another Other User, and shall pay AT&T-13STATE for all costs incurred by AT&T-13STATE in connection with any rearrangements, modifications, or replacements necessitated as a result of the presence of Attaching Party's unauthorized facilities. In the event that CLEC or its contractor cause damage to AT&T's property in connection with an unauthorized pole attachment or conduit or unauthorized conduit entry, CLEC will compensate AT&T for such damage. In the case where TelCove has made an unauthorized entry and installed unauthorized facilities in AT&T's conduit, TelCove should pay the higher of the two penalties, but not both.

27.7 Removal of Unauthorized Attachments. If Attaching Party does not obtain a new or amended occupancy permit with respect to unauthorized facilities within the specified period of time, AT&T-13STATE shall by written notice advise Attaching Party to remove its unauthorized facilities not less than 60 days from the date of notice and Attaching Party shall remove the facilities within the time specified in the notice. If the facilities have not been removed within the time specified in the notice, AT&T-13STATE may, at AT&T-13STATE's option, remove Attaching Party's facilities at Attaching Party's expense.

27.8 No Ratification of Unpermitted Attachments or Unauthorized Use of AT&T-13STATE's Facilities. No act or failure to act by AT&T-13STATE with regard to any unauthorized attachment or occupancy or unauthorized use of AT&T-13STATE's Structure shall be deemed to constitute a ratification by AT&T-13STATE of the unauthorized attachment or occupancy or use.

28. REMOVAL OF ATTACHING PARTY'S FACILITIES

28.1 When Applicant no longer intends to occupy space on a AT&T-13STATE pole or in a AT&T-13STATE duct or conduit, Applicant will provide written notification to AT&T-13STATE that it wishes to terminate the occupancy permit with respect to such space and will remove its facilities from the space described in the notice. Upon removal of Applicant's facilities, the occupancy permit shall terminate and the space shall be available for reassignment.

28.1.1 Attaching Party shall be responsible for and shall bear all expenses arising out of or in connection with the removal of its facilities from AT&T-13STATE's Structure.

28.1.2 Except as otherwise agreed upon in writing by the parties, Applicant must, after removing its facilities, plug all previously occupied ducts at the entrances to AT&T-13STATE's manholes.

28.1.3 Applicant shall be solely responsible for the removal of its own facilities from AT&T-13STATE's Structure.

28.2 At AT&T-13STATE's request, Attaching Party shall remove from AT&T-13STATE's Structure any of Attaching Party's facilities which are no longer in active use. Upon request, the Attaching Party will provide proof satisfactory to AT&T-13STATE that an Attaching Party's facility is in active service. Attaching Party shall not abandon any of its facilities by leaving such facilities on or in AT&T-13STATE's Structure.

28.3 Removal Following Termination of Occupancy permit. Attaching Party shall remove its facilities from AT&T-13STATE's poles, ducts, conduits, or rights-of-way within 60 days after termination of the occupancy permit.

28.4 Removal Following Replacement of Facilities. Attaching Party shall remove facilities no longer in service from AT&T-13STATE's Structures within 60 days after the date Attaching Party replaces existing facilities on a pole or in a conduit with substitute facilities on the same pole or in the same conduit.

28.5 Removal to Avoid Forfeiture. If the presence of Attaching Party's facilities on or in AT&T-13STATE's Structure would cause a forfeiture of the rights of AT&T-13STATE to occupy the property where such Structure is located, AT&T-13STATE will promptly notify Attaching Party in writing and Attaching Party shall not, without due cause and justification, refuse to remove its facilities within such time as may be required to prevent such forfeiture. AT&T-13STATE will give Attaching Party not less than 60 days from the date of notice to remove Attaching Party's facilities unless prior removal is required to prevent the forfeiture of AT&T-13STATE's rights. At Attaching Party's request, the parties will engage in good faith negotiations with each other, with Other Users, and with third-party property owners and cooperatively take such other steps as may be necessary to avoid the unnecessary removal of Attaching Party's facilities.

28.6 Removal of Facilities by AT&T-13STATE; Notice of Intent to Remove. If Attaching Party fails to remove its facilities from AT&T-13STATE's Structure in accordance with the provisions of Sections 28.1-28.6 of this Appendix, AT&T-13STATE may remove such facilities and store them at Attaching Party's expense in a public warehouse or elsewhere without being deemed guilty of trespass or conversion and without becoming liable to Attaching Party for any injury, loss, or damage resulting from such actions. AT&T-13STATE shall give Attaching Party not less than 60 days prior written notice of its intent to remove Attaching Party's facilities pursuant to this section.

28.7 Removal of Facilities by AT&T-13STATE. If AT&T-13STATE removes any of Attaching Party's facilities pursuant to this article, Attaching Party shall reimburse AT&T-13STATE for AT&T-13STATE's costs in connection with the removal, storage, delivery, or other disposition of the removed facilities.

29. RATES, FEES, CHARGES, AND BILLING

29.1 Rates, Charges and Fees Subject to Applicable Laws, Regulations, Rules, and Commission Orders. All rates, charges and fees outlined in this Appendix will be set forth in APPENDIX PRICING as part of the Interconnection Agreement. All rates, charges and fees shall be subject to all applicable federal and state laws, rules, regulations, and commission orders.

29.2 Changes to Rates, Charges and Fees. Subject to applicable federal and state laws, rules, regulations and orders, AT&T-13STATE shall have the right to change the rates, charges and fees outlined in this Appendix. AT&T-13STATE will provide the Attaching Party 60 days written notice, advising the Attaching Party of the specific changes being made and the effective date of the change. If the changes outlined in the notice are not acceptable to the Attaching Party, Attaching Party may either (1) seek renegotiation of this Appendix, (2) terminate this Appendix, or (3) seek relief through the dispute resolution process in the General Terms and Conditions of this Agreement.

30. PERFORMANCE AND PAYMENT BONDS

30.1 Bond May Be Required. AT&T-13STATE may require Attaching Party, authorized contractors, and other persons acting on Attaching Party's behalf to execute performance and payment bonds (or provide other forms of security) in amounts and on terms sufficient to guarantee the performance of the Attaching Party's obligations (excluding annual attachment rates) arising out of or in connection with this Appendix.

30.1.1 If a bond or similar form of assurance is required of Attaching Party, an authorized contractor, or other person acting on Attaching Party's behalf, Attaching Party shall promptly submit to AT&T-13STATE adequate proof that the bond remains in full force and effect and provide certification from the company issuing the bond that the bond will not be cancelled, changed or materially altered without first providing AT&T-13STATE 60 days written notice.

30.2 Payment and Performance Bonds in Favor of Contractors and Subcontractors. Attaching Party shall be responsible for paying all employees, contractors, subcontractors, mechanics, material men and other persons or entities performing work or providing materials in connection with Attaching Party's performance

under this Appendix. In the event any lien, claim or demand is made on AT&T-13STATE by any such employee, contractor, subcontractor, mechanic, material man, or other person or entity providing such materials or performing such work, AT&T-13STATE may require, in addition to any security provided under Section 30.1 of this Appendix, that Attaching Party execute payment or performance bonds, or provide such other security, as AT&T-13STATE may deem reasonable or necessary to protect AT&T-13STATE from any such lien, claim or demand.

31. NOTICES

31.1 Notices to Attaching Party. All written notices required to be given to a party under this Appendix shall be delivered or mailed to the party's duly authorized agent or attorney, as designated in this section.

31.1.1 Such notice may be delivered to the party's duly authorized agent or attorney in person or by agent or courier receipted delivery.

31.1.2 Such notice may be mailed to the party's duly authorized agent or attorney by registered or certified mail, return receipt requested. When notice is given by mail, such notice shall be complete upon deposit of the notice, enclosed in a postpaid, properly addressed wrapper, in a post office or official depository under the care and control of the United States Postal Service and shall be deemed to have been given three days after the date of deposit.

31.1.3 Notices to a party shall be sent to the authorized agent or attorney designated below:

NOTICE CONTACT	ATTACHING PARTY	AT&T-13STATE CONTACT
NAME/TITLE	James Means Secretary and General Counsel	Contract Management ATTN: Notices Manager
STREET ADDRESS	121 Champion Way	311 S. Akard, 9th Floor Four AT&T Plaza
CITY/STATE/ZIP CODE	Canonsburg, PA 15317	Dallas, TX 75202-5398
FACSIMILE NUMBER	724-743-9791	214-464-2006

31.2 Changes in Notice Requirements. Either party may, from time to time, change notice addressees and addresses by giving written notice of such change to the other party. Such notice shall state, at a minimum, the name, title, firm, and full address of the new addressee.

APPENDIX 251(C)(3) UNEs
(PROVISION OF ACCESS TO UNBUNDLED NETWORK ELEMENTS)

TABLE OF CONTENTS

1. INTRODUCTION 3
2. TERMS AND CONDITIONS 4
3. ACCESS TO 251(C)(3) UNE CONNECTION METHODS 18
4. RESERVED 19
5. INTENTIONALLY LEFT BLANK 19
6. BONA FIDE REQUEST 19
7. NETWORK INTERFACE DEVICE 23
8. 251(C)(3) UNE LOCAL LOOP 23
9. 251(C)(3) UNE SUBLOOPS 27
10. ENGINEERING CONTROLLED SPLICE (ECS) 33
11. RESERVED 35
12. RESERVED 35
13. DS1 AND DS3 DEDICATED TRANSPORT 35
14. DARK FIBER DEDICATED TRANSPORT 38
15. RESERVED 41
16. 911 OR E911 DATABASES 41
17. OPERATIONS SUPPORT SYSTEMS FUNCTIONS 41
18. CROSS CONNECTS 42
19. PROVISIONING/MAINTENANCE 43
20. RESERVED 45

APPENDIX 251(C)(3) UNEs
(251(C)(3) PROVISION OF ACCESS TO UNBUNDLED NETWORK ELEMENTS)

1. INTRODUCTION

1.1 This Appendix 251(c)(3) UNEs sets forth the terms and conditions pursuant to which the applicable AT&T Inc. (AT&T)-owned Incumbent Local Exchange Carrier (ILEC) agrees to furnish CLEC with access to 251(c)(3) unbundled network elements as specifically defined in this Appendix 251(c)(3) UNEs for the provision by CLEC of a Telecommunications Service pursuant to Section 251(c)(3) of the Federal Telecommunications Act of 1996. The Parties expressly acknowledge that this Appendix does not address network elements, if any, that may be required to be unbundled under Section 271 of the Telecommunications Act and both parties expressly reserve their rights to address all Section 271 network unbundling related issues in a separate agreement or via appropriate regulatory or judicial proceedings. For information regarding deposit, billing, payment, non-payment, disconnect, and dispute resolution, see the General Terms and Conditions of this Agreement.

1.1.1 Intentionally Left Blank.

1.2 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, L.P. 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.

1.3 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.

1.4 AT&T-4STATE - As used herein, AT&T-4STATE means Southwestern Bell Telephone, L.P. 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.

1.5 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.

1.6 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.

1.7 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.

1.8 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.

1.9 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.

1.10 AT&T ARKANSAS - As used herein, AT&T ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Arkansas, the applicable AT&T-owned ILEC doing business in Arkansas.

1.11 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.

1.12 AT&T CONNECTICUT - As used herein, AT&T CONNECTICUT means The Southern New England Telephone Company d/b/a AT&T Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.13 AT&T KANSAS - As used herein, AT&T KANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Kansas, the applicable AT&T-owned ILEC doing business in Kansas.

1.14 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.

1.15 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.

1.16 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.

1.17 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.

1.18 AT&T MISSOURI - As used herein, AT&T MISSOURI means Southwestern Bell Telephone, L.P. d/b/a AT&T Missouri, the applicable AT&T-owned ILEC doing business in Missouri.

1.19 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.

1.20 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.

1.21 AT&T OKLAHOMA - As used herein, AT&T OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a AT&T Oklahoma, the applicable AT&T-owned ILEC doing business in Oklahoma.

1.22 AT&T SOUTHWEST REGION 5-STATE - As used herein, AT&T SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone, L.P. 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.

1.23 AT&T TEXAS – As used herein, AT&T TEXAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Texas, the applicable AT&T-owned ILEC doing business in Texas.

1.24 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.

1.25 The Prices at which AT&T-13STATE agrees to provide electronic access to its Directory Assistance (DA) database are contained in the applicable Appendix Pricing and/or the applicable Commissioned ordered tariff where stated.

2. TERMS AND CONDITIONS

2.1 251(c)(3) UNEs and Declassification UNEs. This Agreement sets forth the terms and conditions pursuant to which AT&T-13STATE will provide CLEC with access to unbundled network elements under Section 251(c)(3) of the Act in AT&T-13STATE's incumbent local exchange areas for the provision of Telecommunications Services by CLEC; provided, however, that notwithstanding any other provision of the

Agreement, AT&T-13STATE shall be obligated to provide UNEs only to the extent 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, and may decline to provide UNEs to the extent that provision of the UNE(s) is not 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. UNEs that AT&T-13STATE is required to provide pursuant to Sections 251(c)(3) of the Act, as determined by lawful and effective FCC rules and associated lawful and effective FCC and judicial orders shall be referred to in this Agreement as "251(c)(3) UNEs."

2.2 Intentionally left blank

2.2.1 A 251(c)(3) UNE under this Agreement, will cease to be a 251(c)(3) UNE under this Agreement if 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 251(c)(3) UNE that has ceased to be a 251(c)(3) UNE may also be referred to as "Declassified."

2.2.2 Without limitation a network element, including a network element referred to as a Lawful UNE under this Agreement is Declassified, upon or by (a) the issuance of a legally effective finding by a court or regulatory agency acting within its lawful authority that requesting Telecommunications Carriers are not impaired without access to a particular network element on an unbundled basis; the issuance of any valid law, order or rule by the Congress, FCC or a judicial body stating that an incumbent LEC is not required, or is no longer required, to provide a network element on an unbundled basis pursuant to Section 251(c)(3) of the Act; or (b) the absence, by vacatur or otherwise, of a legally effective FCC rule requiring the provision of the network element on an unbundled basis under Section 251(c)(3).

2.2.3 It is the Parties' intent that only 251(c)(3) UNEs shall be available under this Agreement; accordingly, if this Agreement requires or appears to require 251(c)(3) UNE(s) or unbundling without specifically noting that the UNE(s) or unbundling must be "251(c)(3)" the reference shall be deemed to be a reference to 251(c)(3) UNE(s) or 251(c)(3) unbundling, as defined in this Section 2.1. If an element is not required to be provided under this Appendix 251(c)(3) UNE and/or not described in this Appendix 251(c)(3) UNE, it is the Parties' intent that the element is not available under this Agreement, notwithstanding any reference to the element elsewhere in the Agreement, including in any other Appendix, Schedule or in the Pricing Appendix.

2.2.4 It is the Parties' intent that only 251(c)(3) UNEs shall be available under this Agreement; accordingly, if this Agreement requires or appears to require 251(c)(3) UNE(s) or unbundling without specifically noting that the UNE(s) or unbundling must be "251(c)(3)" the reference shall be deemed to be a reference to 251(c)(3) UNE(s) or 251(c)(3) unbundling, as defined in this Section 2.1.

2.2.5 If terms and conditions of this Agreement state that AT&T-13STATE is required to provide a 251(c)(3) UNE or 251(c)(3) UNE combination and that 251(c)(3) UNE or the involved 251(c)(3) UNE (if a combination) is Declassified or is otherwise no longer a 251(c)(3) UNE, then AT&T-13STATE shall not be obligated to provide the item under this Agreement as an unbundled network element, whether alone or in combination with or as part of any other arrangement under the Agreement.

2.3 Nothing contained in the Agreement shall be deemed to constitute consent by AT&T-13STATE that any item identified in this Agreement as a UNE , network element or 251(c)(3) UNE is a network element or UNE under Section 251(c)(3) of the Act, as determined by effective FCC rules and associated effective FCC and judicial orders, that AT&T-13STATE is required to provide to CLEC alone, or in combination with other network elements or UNEs, or commingled with other network elements, UNEs (251(c)(3)) or other services or facilities. Nothing contained herein or excluded from this Appendix shall be deemed to constitute consent by CLEC that any item not identified in this Appendix as an Available UNE or network element is not a network element or Available UNE under Section 251(c)(3) of the Act, as determined by

effective FCC rules and associated effective FCC and judicial orders, that AT&T-13STATE is not required to provide to CLEC alone, or in combination with other network elements or UNEs, or commingled with other network elements UNEs, or other services or facilities.

2.4 The preceding includes without limitation that AT&T-13STATE shall not be obligated to provide combinations (whether considered new, pre-existing or existing) or other arrangements (including, where applicable, Commingled Arrangements) involving AT&T-13STATE network elements that do not constitute 251(c)(3) UNEs, or where 251(c)(3) UNEs are not requested for permissible purposes.

2.5 Notwithstanding any other provision of this Agreement or any Amendment to this Agreement, including but not limited to intervening law, change in law or other substantively similar provision in the Agreement or any Amendment, if an element described as an unbundled network element or 251(c)(3) UNE in this Agreement is Declassified or is otherwise no longer a 251(c)(3) UNE, then the Transition Procedure defined in Section 2.6, below, shall govern.

2.6 Transition Procedure for Elements that are Declassified during the Term of the Agreement.

The procedure set forth in Section 2.5.2 does not apply to the Declassification events described in Sections 8.3.4.4.1, 8.3.5.4.1, 8.4.1, 8.4.2, 13.3.5 and 13.3.6, which set forth the consequences for Declassification of DS1 and DS3 Loops, DS1 and DS3 Transport and Dark Fiber Transport, where applicable "caps" are met, or where Declassification occurs because wire centers/routes meet the criteria set forth in the FCC's TRO Remand Order.

2.6.1 Transition Procedure. AT&T-13STATE shall only be obligated to provide 251(c)(3) UNEs under this Agreement. To the extent an element described as a 251(c)(3) UNE or an unbundled network element in this Agreement is Declassified or is otherwise no longer a 251(c)(3) UNE such element is no longer required to be provided under this Agreement and CLEC shall cease ordering such element(s) under this Agreement, whether previously provided alone or in combination with or as part of any other arrangement with other 251(c)(3) UNEs or other elements or services. Accordingly, in the event one or more elements described as 251(c)(3) UNEs or as unbundled network elements in this Agreement is Declassified or is otherwise no longer a 251(c)(3) UNE, AT&T-13STATE will provide written notice to CLEC of the Declassification of the element(s) and/or the combination or other arrangement in which the element(s) has been previously provided. During a transitional period of thirty (30) days from the date of such notice, AT&T-13STATE agrees to continue providing such element(s) under the terms of this Agreement. Upon receipt of such written notice CLEC will cease ordering new elements that are identified as Declassified or as otherwise no longer being a 251(c)(3) UNE in the AT&T-13STATE notice letter referenced in this Section 2.6. AT&T-13STATE reserves the right to audit the CLEC orders transmitted to AT&T-13STATE and to the extent that the CLEC has processed orders and such orders are provisioned after this 30-day transitional period, such elements are still subject to this Section 2.6, including the options set forth in (a) and (b) below, and AT&T-13STATE's rights of discontinuance or conversion in the event the options are not accomplished. During such 30-day transitional period, the following options are available to CLEC with regard to the element(s) identified in the AT&T-13STATE notice, including the combination or other arrangement in which the element(s) were previously provided:

(a) CLEC may issue an LSR or ASR, as applicable, to seek disconnection or other discontinuance of the element(s) and/or the combination or other arrangement in which the element(s) were previously provided; or

(b) AT&T-13STATE and CLEC may agree upon another service arrangement or element (e.g. via a separate agreement at market-based rates or resale), or may agree that an analogous access product or service may be substituted, if available.

Notwithstanding anything to the contrary in this Agreement, including any amendments to this Agreement, at the end of that thirty (30) day transitional period, unless CLEC has submitted a disconnect/discontinuance LSR or ASR, as applicable, under (a), above, and if CLEC and AT&T-13STATE have failed to reach agreement, under (b), above, as to a substitute service arrangement or element, then

AT&T-13STATE may, at its sole option, disconnect the element(s), whether previously provided alone or in combination with or as part of any other arrangement, or convert the subject element(s), whether alone or in combination with or as part of any other arrangement to an analogous resale or access service, if available.

2.6.1.1 The provisions set forth in this Section 2.6 "Transition Period" are self-effectuating, and the Parties understand and agree that no amendment shall be required to this Agreement in order for the provisions of this Section 2.6 "Transition Period" to be implemented or effective as provided above. Further, Section 2.6 "Transition Period" governs the situation where an unbundled network element or Lawful UNE under this Agreement is Declassified or is otherwise no longer a Lawful UNE, even where the Agreement may already include an intervening law, change in law or other substantively similar provisions The rights and obligations set forth in Section 2.6, above, apply in addition to any other rights and obligations that may be created by such intervening law, change in law or other substantively similar provision.

2.6.1.2 Notwithstanding anything in this Agreement or in any Amendment, AT&T-13STATE shall have no obligation to provide, and CLEC is not entitled to obtain (or continue with) access to any network element on an unbundled basis at rates set under Section 252(d)(1), whether provided alone, or in combination with other UNEs or otherwise, once such network element has been or is Declassified or is otherwise no longer a 251(c)(3) UNE. The preceding includes without limitation that AT&T-13STATE shall not be obligated to provide combinations (whether considered new, pre-existing or existing) involving AT&T-13STATE network elements that do not constitute 251(c)(3) UNEs, or where 251(c)(3) UNEs are not requested for permissible purposes.

2.7 AT&T-13STATE will provide access to 251(c)(3) UNEs for the provision by CLEC of a Telecommunications Service. (Act, Section 251(c)(3).

2.8 AT&T-13STATE will provide CLEC nondiscriminatory access to 251(c)(3) UNEs (Act, Section 251(c)(3), Act, 47 CFR § 51.307(a)):

2.8.1 At any technically feasible point (Act, Section 251(c)(3); 47 CFR § 51.307(a));

2.8.2 At the rates, terms, and conditions which are just, reasonable, and nondiscriminatory (Act, Section 251(c)(3); 47 CFR § 51.307(a));

2.8.3 In a manner that allows CLEC to provide a Telecommunications Service that may be offered by means of that 251(c)(3) UNE (Act, Section 251(c)(3); 47 CFR § 51.307 (c);

2.8.4 In a manner that allows access to the facility or functionality of a requested 251(c)(3) UNE to be provided separately from access to other elements, and for a separate charge (47 CFR § 51.307(d));

2.8.5 With technical information regarding AT&T-13STATE's network facilities to enable CLEC to achieve access to 251(c)(3) UNEs (47 CFR § 51.307(e));

2.8.6 Except as provided in this Appendix, without limitations, restrictions, or requirements on requests that would impair CLEC's ability to provide a Telecommunications Service in a manner it intends (47 CFR § 51.309(a));

2.8.7 CLEC may not access a 251(c)(3) Unbundled Network Element for the exclusive provision of mobile wireless services or interexchange services. (47CFR §51.309(b))

2.8.8 Where applicable, terms and conditions of access to 251(c)(3) UNEs shall be no less favorable than terms and conditions under which AT&T-13STATE provides such elements to itself (47 CFR § 51.313(b)).

2.8.9 Only to the extent it has been determined that these elements are required by the "necessary" and "impair" standards of the Act (Act, Section 251(d)(2)).

2.8.10 Except upon request of CLEC, AT&T-13STATE shall not separate CLEC-requested 251(c)(3) UNEs that are currently combined. (47 CFR § 51.315(b)) AT&T-13STATE is not prohibited from or otherwise limited in separating any 251(c)(3) UNEs not requested by CLEC or a Telecommunications Carrier, including without limitation in order to provide a 251(c)(3) UNE(s) or other AT&T-13STATE offering(s).

2.9 As provided for herein, AT&T-13STATE will permit CLEC exclusive use of a 251(c)(3) UNE facility for a period of time, and when CLEC is purchasing access to a feature, function, or capability of such a facility, AT&T-13STATE will provide use of that feature, function, or capability for a period of time (47 CFR § 51.309(c)).

2.10 AT&T-13STATE will maintain, repair, or replace 251(c)(3) UNEs (47 CFR § 51.309(c)) as provided for in this Agreement.

2.11 To the extent technically feasible, the quality of the 251(c)(3) UNE and access to such 251(c)(3) UNE shall be at least equal to what AT&T-13STATE provides other telecommunications carriers requesting access to the 251(c)(3) UNE itself or any subsidiary, affiliate, or other party (47 CFR § 51.311(a), (b)).

2.12 Each Party shall be solely responsible for the services it provides to its End Users and to other Telecommunications Carriers.

2.13 251(c)(3) UNEs provided to CLEC under the provisions of this Appendix shall remain the property of AT&T-13STATE.

2.14 Performance of 251(c)(3) UNEs

2.14.1 Each 251(c)(3) UNE will be provided in accordance with AT&T-13STATE Technical Publications or other written descriptions, if any, as changed from time to time by AT&T-13STATE at its sole discretion.

2.14.2 Nothing in this Appendix will limit either Party's ability to modify its network through the incorporation of new equipment, new software or otherwise. Each Party will provide the other Party written notice of any upgrades in its network which will materially impact the other Party's service consistent with 47 CFR § 51.325.

2.14.3 AT&T-13STATE may elect to conduct Central Office switch conversions for the improvement of its network. During such conversions, CLEC orders for 251(c)(3) UNEs from that switch shall be suspended for a period of three days prior and one day after the conversion date, consistent with the suspension AT&T-13STATE places on itself for orders from its End Users.

2.14.4 CLEC will be solely responsible, at its own expense, for the overall design of its Telecommunications Services and for any redesigning or rearrangement of its Telecommunications Services which may be required because of changes in facilities, operations, or procedure of AT&T-13STATE, minimum network protection criteria, or operating or maintenance characteristics of the facilities.

2.15 Conditions for Access to 251(c)(3) UNEs

2.15.1 In order to access and use 251(c)(3) UNEs, CLEC must be a Telecommunications Carrier (Section 251(c)(3), and must use the 251(c)(3) UNE(s) for the provision of a Telecommunications Service (Section 251(c)(3)). Together, these conditions are the "Statutory Conditions" for access to 251(c)(3) UNEs. Accordingly, CLEC hereby represents and warrants that it is a Telecommunications Carrier and that it will notify AT&T-13STATE immediately in writing if it ceases to be a Telecommunications Carrier. Failure to so notify AT&T-13STATE shall constitute material breach of this Agreement.

2.15.1.1 By way of example, use of a 251(c)(3) UNE (whether on a stand-alone basis, in combination with other UNEs (251(c)(3) or otherwise), with a network element possessed by CLEC, or otherwise) to provide service to CLEC as its own end user or for other administrative purpose(s) does not constitute using a 251(c)(3) UNE pursuant to the Statutory Conditions.

2.15.1.2 By way of further example, CLEC may not access 251(c)(3) UNEs for the exclusive provision of mobile wireless services, or long distance services or interexchange services.

2.15.2 Other conditions to accessing and using any 251(c)(3) UNE (whether on a stand-alone basis or in combination with other network elements or UNEs may be applicable under 251(c)(3) and effective FCC rules and associated 251(c)(3) and effective FCC and judicial orders and will also apply.

2.16 New Combinations Involving 251(c)(3) UNEs

2.16.1 Subject to the provisions hereof and upon CLEC request, AT&T-13STATE shall meet its combining obligations involving 251(c)(3) UNEs as and to the extent required by FCC rules and orders, and *Verizon Comm. Inc. v. FCC*, 535 U.S. 467(May 13, 2002) ("*Verizon Comm. Inc.")* and, to the extent not inconsistent therewith, the rules and orders of relevant state Commission and any other Applicable Law.

2.16.1.1 AT&T-13STATE shall permit CLEC to combine a UNE with other UNEs available under Section 251 or a combination of UNEs available under Section 251 and other network elements possessed by CLEC. AT&T-13STATE shall not deny CLEC access to a UNE under Section 251 or a combination of UNEs under Section 251 on the grounds that one or more of the elements: (1) is connected to, attached to, or combined with, a facility or service obtained from an incumbent LEC; or (2) shares part of AT&T-13STATE's network with access services.

2.16.2 This paragraph does not limit CLEC's ability to purchase services under applicable AT&T-13STATE resale tariff or under the Resale Appendix that is part of this Agreement. In the event that AT&T-13STATE denies a request to perform the functions necessary to combine 251(c)(3) UNEs or to perform the functions necessary to combine 251(c)(3) UNEs with elements possessed by CLEC, AT&T-13STATE shall provide written notice to CLEC of such denial and the basis thereof within ten (10) business days of the request. Any dispute over such denial shall be addressed using the dispute resolution procedures applicable to this Agreement. In any dispute resolution proceeding, AT&T-13STATE shall have the burden to prove that such denial meets one or more applicable standards for denial, including without limitation those under the FCC rules and orders, *Verizon Comm. Inc.* and the Agreement, including Section 2.16 of this Appendix.

2.16.3 In accordance with and subject to the provisions of this Section 2.16, including Section 2.16.3.2 and 2.16.5, the new 251(c)(3) UNE combinations set forth in the Schedule(s)– 251(c)(3) UNE Combinations attached and incorporated into this Appendix shall be made available to CLEC as specified in the specific Schedule for a particular State.

2.16.3.1 Intentionally left blank

2.16.3.2 Intentionally left blank

2.16.3.3 The Parties acknowledge that the United States Supreme Court in *Verizon Comm. Inc.* appears to have implied a distinction between an incumbent local exchange carrier such as AT&T-13STATE being required to perform the functions necessary to combine 251(c)(3) UNEs and to combine 251(c)(3) UNEs with elements possessed by a requesting Telecommunications Carrier, as compared to an incumbent LEC being required to complete the actual combination. As of the time this Appendix was agreed-to by the Parties, there has been no further ruling or other guidance provided on that distinction and what functions constitute only those that are necessary to such combining. In light of that uncertainty, AT&T-13STATE is willing to perform the actions necessary to also complete the actual physical combination for those new 251(c)(3) UNE combinations set forth in the Schedule(s) – 251(c)(3) UNE Combinations to this Appendix, subject to the following:

2.16.3.3.1 Section 2.16, including any acts taken pursuant thereto, shall not in any way prohibit, limit or otherwise affect, or act as a waiver by, AT&T-13STATE or CLEC from pursuing any of its rights, remedies or arguments, including but not limited to those with respect to *Verizon Comm. Inc.*, the remand thereof, or any FCC or Commission or court proceeding, including its right to seek legal review or a stay of any decision regarding combinations involving UNEs. Such rights,

remedies, and arguments are expressly reserved by AT&T-13STATE and CLEC. Without affecting the foregoing, this Agreement does not in any way prohibit, limit, or otherwise affect AT&T-13STATE or CLEC from taking any position with respect to combinations including 251(c)(3) UNEs or any issue or subject addressed or related thereto.

2.16.3.3.2 Upon the effective date of any regulatory, judicial, or legislative action setting forth, eliminating, or otherwise delineating or clarifying the extent of an incumbent LEC's combining obligations, and after thirty (30) days notice to CLEC, AT&T-13STATE shall be immediately relieved of any obligation to perform any non-included combining functions or other actions under this Agreement or otherwise, and CLEC shall thereafter be solely responsible for any such non-included functions or other actions. This Section 2.16.3.3.2 shall apply in accordance with its terms, regardless of change in law, intervening law or other similarly purposed provision of the Agreement and, concomitantly, the first sentence of this Section 2.16.3.3.2 shall not affect the applicability of any such provisions in situations not covered by that first sentence.

2.16.3.3.3 Without affecting the application of Section 2.16.3.3.2 (which shall apply in accordance with its provisions), upon notice by AT&T-13STATE, the Parties shall engage in good faith negotiations to amend the Agreement to set forth and delineate those functions or other actions that go beyond the ILEC obligation to perform the functions necessary to combine 251(c)(3) UNEs and combine 251(c)(3) UNEs with elements possessed by a requesting Telecommunications Carrier, and to eliminate any AT&T-13STATE obligation to perform such functions or other actions. If those negotiations do not reach a mutually agreed-to amendment within sixty (60) days after the date of any such notice, the remaining disputes between the parties regarding those functions and other actions that go beyond those functions necessary to combine 251(c)(3) UNEs and combine 251(c)(3) UNEs with elements possessed by a requesting Telecommunications Carrier, shall be resolved pursuant to the dispute resolution process provided for in this Agreement. Such a notice can be given at any time, and from time to time.

2.16.3.4 A new 251(c)(3) UNE combination listed on a Schedule – 251(c)(3) UNE Combinations does not imply or otherwise indicate the availability of related support system capabilities, including without limitation, whether electronic ordering is available for any particular included new 251(c)(3) UNE combination in one or more States. Where electronic ordering is not available, manual ordering shall be used.

2.16.3.5 For a new 251(c)(3) UNE combination listed on a Schedule – 251(c)(3) UNE Combinations, CLEC shall issue appropriate service requests. These requests will be processed by AT&T-13STATE, and CLEC will be charged the applicable 251(c)(3) UNE service order charge(s), in addition to the recurring and nonrecurring charges for each individual 251(c)(3) UNE and cross connect ordered.

2.16.3.6 Upon notice by AT&T-13STATE, the Parties shall engage in good faith negotiations to amend the Agreement to include a fee(s) for any work performed by AT&T-13STATE in providing the new 251(c)(3) UNE combinations set forth in Schedule(s) – 251(c)(3) UNE Combinations, which work is not covered by the charges applicable per Section 2.16.3.5. For any such work done by AT&T-13STATE under Section 2.16.1, any such fee(s) shall be a reasonable cost-based fee, and shall be calculated using the Time and Material charges as reflected in State-specific pricing. For any such work that is not so required to be done by AT&T-13STATE, any such fee(s) shall be at a market-based rate. If those negotiations do not reach a mutually agreed-to amendment within sixty (60) days after the date of any such notice, the remaining disputes between the parties concerning any such fee(s) shall

be resolved pursuant to the dispute resolution process provided for in this Agreement. Such a notice can be given at any time, and from time to time.

2.16.4 In accordance with and subject to the provisions of this Section 2.16, any request not included in Section 2.16.3 in which CLEC wants AT&T-13STATE to perform the functions necessary to combine 251(c)(3) UNEs or to perform the functions necessary to combine 251(c)(3) UNEs with elements possessed by CLEC (as well as requests where CLEC also wants AT&T-13STATE to complete the actual combination), shall be made by CLEC in accordance with the bona fide request (BFR) process set forth in this Agreement.

2.16.4.1 In any such BFR, CLEC must designate among other things the 251(c)(3) UNE(s) sought to be combined and the needed location(s), the order in which the 251(c)(3) UNEs and any CLEC elements are to be connected, and how each connection (*e.g.*, cross-connected) is to be made between an AT&T-13STATE 251(c)(3) UNE and the 251(c)(3) network element(s) possessed by CLEC.

2.16.4.2 In addition to any other applicable charges, CLEC shall be charged a reasonable cost-based fee for any combining work done by AT&T-13STATE under Section 2.16.1. Such fee shall be calculated using the Time and Material charges as reflected in the State-specific Appendix Pricing. AT&T-13STATE's Preliminary Analysis to the BFR shall include an estimate of such fee for the specified combining. With respect to a BFR in which CLEC requests AT&T-13STATE to perform work not required by Section 2.16.1, CLEC shall be charged a market-based rate for any such work.

2.16.5 Without affecting the other provisions hereof, the 251(c)(3) UNE combining obligations referenced in this Section 2.16 apply only in situations where each of the following is met:

2.16.5.1 it is technically feasible, including that network reliability and security would not be impaired;

2.16.5.2 AT&T-13STATE's ability to retain responsibility for the management, control, and performance of its network would not be impaired;

2.16.5.3 AT&T-13STATE would not be placed at a disadvantage in operating its own network;

2.16.5.4 it would not undermine the ability of other Telecommunications Carriers to obtain access to 251(c)(3) UNEs or to Interconnect with AT&T-13STATE's network; and

2.16.5.5 CLEC is

2.16.5.5.1 unable to make the combination itself; or

2.16.5.5.1.1 a new entrant and is unaware that it needs to combine certain 251(c)(3) UNEs to provide a Telecommunications Service, but such obligation under this Section 2.16.5.5 ceases if AT&T-13STATE informs CLEC of such need to combine.

2.16.6 For purposes of Section 2.16.5.5 and without limiting other instances in which CLEC may be able to make a combination itself, CLEC is deemed able to make a combination itself when the 251(c)(3) UNE(s) sought to be combined are available to CLEC, including without limitation:

2.16.6.1 at an AT&T-13STATE premises where CLEC is physically collocated or has an on-site adjacent collocation arrangement, or has established one of the UNE connection Methods described in Section 3;

2.16.6.2 for AT&T CALIFORNIA only, within an adjacent location arrangement, if and as permitted by this Agreement.

2.16.7 Section 2.16.5.5 shall only begin to apply thirty (30) days after notice by AT&T-13STATE to CLEC. Thereafter, AT&T-13STATE may invoke Section 2.16.5.5 with respect to any request for a combination involving 251(c)(3) UNEs.

2.17 Conversion of Wholesale Services to 251(c)(3) UNEs

2.17.1 Upon request, AT&T-13STATE shall convert a wholesale service, or group of wholesale services, to the equivalent 251(c)(3) UNE, or combination of 251(c)(3) UNEs, that is available to CLEC under terms and conditions set forth in this Appendix, so long as the CLEC and the wholesale service, or group of wholesale services, and the 251(c)(3) UNEs, or combination of 251(c)(3) UNEs, that would result from the conversion, meets the eligibility criteria that may be applicable for such conversion.

2.17.2 Where processes for the conversion requested pursuant to this Appendix are not already in place, AT&T-13STATE will develop and implement processes, subject to any associated rates, terms and conditions. The Parties will comply with any applicable Change Management guidelines.

2.17.3 AT&T-13STATE shall not impose any untariffed termination charges, or any disconnect fees, re-connect fees, or charges associated with establishing a service for the first time, in connection with any conversion between a wholesale service or group of wholesale services and a 251(c)(3) UNE or combination of 251(c)(3) UNEs.

2.17.3.1 AT&T-13STATE's may charge applicable service order charges and record change charges.

2.17.4 This Section 2.17 only applies to situations where the wholesale service, or group of wholesale services, is comprised solely of 251(c)(3) UNEs offered or otherwise provided for in this Appendix.

2.17.5 If CLEC does not meet the applicable eligibility criteria or, for any reason, stops meeting the eligibility criteria for a particular conversion of a wholesale service, or group of wholesale services, to the equivalent 251(c)(3) UNE, or combination of 251(c)(3) UNEs, CLEC shall not request such conversion or continue using such the 251(c)(3) UNE or 251(c)(3) UNEs that result from such conversion or continue using such the 251(c)(3) UNE or 251(c)(3) UNEs that result from such conversion. To the extent CLEC fails to meet (including ceases to meet) the eligibility criteria applicable to a 251(c)(3) UNE or combination of 251(c)(3) UNEs, or Commingled Arrangement (as defined herein), AT&T-13STATE may convert the 251(c)(3) UNE or 251(c)(3) UNE combination, or Commingled Arrangement, to the equivalent wholesale service, or group of wholesale services, upon thirty (30) days written notice to CLEC.

2.17.5.1 This Section 2.17.5 applies to any 251(c)(3) UNE or combination of 251(c)(3) UNEs, including whether or not such 251(c)(3) UNE or combination of 251(c)(3) UNEs had been previously converted from an AT&T-13STATE service.

2.17.5.2 AT&T-13STATE may exercise its rights provided for hereunder and those allowed by law in auditing compliance with any applicable eligibility criteria.

2.17.6 In requesting a conversion of an AT&T-13STATE service, CLEC must follow the guidelines and ordering requirements provided by AT&T-13STATE that are applicable to converting the particular AT&T-13STATE service sought to be converted.

2.17.7 Nothing contained in this Appendix or Agreement provides CLEC with an opportunity to supersede or dissolve existing contractual arrangements, or otherwise affects AT&T-13STATE's ability to enforce any tariff, contractual, or other provision(s), including those providing for early termination liability or similar charges.

2.18 Commingling

2.18.1 "Commingling" means the connecting, attaching, or otherwise linking of a 251(c)(3) UNE, or a combination of 251(c)(3) UNEs, to one or more facilities or services that CLEC has obtained at wholesale from AT&T-13STATE, or the combining of a 251(c)(3) UNE, or a combination of 251(c)(3) UNEs, with one or more such facilities or services. "Commingle" means the act of commingling.

2.18.1.1 "Commingled Arrangement" means the arrangement created by Commingling.

2.18.1.2 Reserved for future use.

2.18.1.3 Commingling is not permitted, nor is AT&T-13STATE required to perform the functions necessary to Commingle, where the Commingled Arrangement (i) is not technically feasible, including that network reliability and security would be impaired; or (ii) would impair AT&T-13STATE's ability to retain responsibility for the management, control, and performance of its network; or (iii) would undermine the ability of other Telecommunications Carriers to obtain access to 251(c)(3) UNEs or to Interconnect with AT&T-13STATE's network.

2.18.1.4 Where processes for any Commingling requested pursuant to this Agreement (including, by way of example, for existing services sought to be converted to a Commingled Arrangement) are not already in place, AT&T-13STATE and CLEC will develop and implement processes, subject to any associated rates, terms and conditions. The Parties will comply with any applicable Change Management guidelines.

2.18.1.5 Any commingling obligation is limited solely to commingling of one or more facilities or services that CLEC has obtained at wholesale from AT&T-13STATE with 251(c)(3) UNEs.

2.18.2 Except as provided in Section 2 and, further, subject to the other provisions of this Agreement, AT&T-13STATE shall permit CLEC to Commingle a 251(c)(3) UNE or a combination of 251(c)(3) UNEs with facilities or services obtained at wholesale from AT&T-13STATE to the extent required by FCC rules and orders.

2.18.3 Upon request, and subject to this Section 2, AT&T-13STATE shall perform the functions necessary to Commingle a 251(c)(3) UNE or a combination of 251(c)(3) UNEs with one or more facilities or services that CLEC has obtained at wholesale from AT&T-13STATE (as well as requests where CLEC also wants AT&T-13STATE to complete the actual Commingling).

2.18.3.1 Reserved for future use.

2.18.3.1.1 Reserved for future use.

2.18.3.1.2 Reserved for future use.

2.18.3.2 Section 2.18.3(i) shall only begin to apply thirty (30) days after notice by AT&T-13STATE to CLEC. Thereafter, AT&T-13STATE may invoke Section 2.18.3(i) with respect to any request for Commingling.

2.18.4 In accordance with and subject to the provisions of this Section 2.18, any request by CLEC for AT&T-13STATE to perform the functions necessary to Commingle (as well as requests where CLEC also wants AT&T-13STATE to complete the actual Commingling), shall be made by CLEC in accordance with this Agreement.

2.18.4.1 AT&T-13STATE is developing a list of Commingled Arrangements that will be available for ordering, which list will be made available in the CLEC Handbook and posted on "CLEC On-line." Once that list is included in the CLEC Handbook or posted, whichever is earlier, CLEC will be able to submit orders for any Commingled Arrangement on that list. The list may be modified, from time to time.

2.18.4.2 Any CLEC request for a Commingled Arrangement not found on the then-existing list of orderable Commingled Arrangements must be submitted via the bona fide request (BFR) process. In any such BFR, CLEC must designate among other things the 251(c)(3) UNE(s), combination of 251(c)(3) UNEs, and the facilities or services that CLEC has obtained at wholesale from AT&T-13STATE sought to be Commingled and the needed location(s), the order in which such 251(c)(3) UNEs, such combinations of 251(c)(3) UNEs, and such facilities and services are to be Commingled, and how each connection (*e.g.*, cross-connected) is to be made between them.

2.18.4.3 In addition to any other applicable charges, CLEC shall be charged a reasonable fee for any Commingling work done by AT&T-13STATE under this Section 2.18 (including performing the actual Commingling). Such fee shall be calculated using the Time and Material charges as reflected in the State-specific Appendix Pricing. AT&T-13STATE's Preliminary Analysis to the BFR shall include an estimate of such fee for the specified Commingling. With respect to a BFR in which CLEC requests AT&T-13STATE to perform work not required by this Section 2.18.4, CLEC shall be charged a market-based rate for any such work.

2.18.5 AT&T-13STATE shall not be required to, and shall not, provide "ratcheting" as a result of Commingling or a Commingled Arrangement. As a general matter, "ratcheting" is a pricing mechanism that involves billing a single circuit at multiple rates to develop a single, blended rate. AT&T-13STATE shall charge the rates for 251(c)(3) UNEs (or 251(c)(3) UNE combinations) Commingled with facilities or services obtained at wholesale (including for example special access services) on an element-by-element basis, and such facilities and services on a facility-by-facility, service-by-service basis.

2.18.6 Nothing in this Agreement shall impose any obligation on AT&T-13STATE to allow or otherwise permit Commingling, a Commingled Arrangement, or to perform the functions necessary to Commingle, or to allow or otherwise permit CLEC to Commingle or to make a Commingled Arrangement, beyond those obligations imposed by the Act, as determined by 251(c)(3) and effective FCC rules and associated 251(c)(3) and effective FCC and judicial orders. The preceding includes without limitation that AT&T-13STATE shall not be obligated to Commingle network elements that do not constitute 251(c)(3) UNEs, or where 251(c)(3) UNEs are not requested for permissible purposes. If CLEC does not meet the applicable eligibility criteria or, for any reason, stops meeting the eligibility criteria for a particular 251(c)(3) UNE involved or to be involved in a Commingled Arrangement, CLEC shall not request such Commingled Arrangement or continue using such Commingled Arrangement.

2.18.7 In the event that Commingling involves AT&T-13STATE performing the functions necessary to combine 251(c)(3) UNEs (e.g., make a new combination of 251(c)(3) UNEs), and including making the actual 251(c)(3) UNE combination, then Section 2.16 shall govern with respect to that 251(c)(3) UNE combining aspect of that particular Commingling and/or Commingled Arrangement.

2.18.8 Subject to this 2.18, AT&T-13STATE shall not deny access to a 251(c)(3) UNE or a combination of 251(c)(3) UNEs on the grounds that one or more of the 251(c)(3) UNEs is connected to, attached to, linked to, or combined with, a facility or service obtained at wholesale from AT&T-13STATE.

2.18.9 Commingling in its entirety (including its definition, the ability of CLEC to Commingle, AT&T-13STATE's obligation to perform the functions necessary to Commingle, and Commingled Arrangements) shall not apply to or otherwise include, involve or encompass AT&T-13STATE offerings pursuant to 47 U.S.C. § 271 that are not 251(c)(3) UNEs under 47 U.S.C. § 251(c)(3).

2.19 Mandatory Eligibility Criteria for Access to Certain 251(c)(3) UNEs

2.19.1 Except as provided below in this Section 2.19 or elsewhere in the Agreement and subject to this Section and Section 2.16, Conversion of Wholesale Services to UNEs, of this Appendix, AT&T-13STATE shall provide access to UNEs and combinations of UNEs without regard to whether the CLEC seeks access to the UNEs to establish a new circuit or to convert an existing circuit from a service to UNEs.

2.19.1.1 "Enhanced Extended Link" or "EEL" means a UNE combination consisting of an unbundled loop(s) and Unbundled Dedicated Transport, together with any facilities, equipment, or functions necessary to combine those UNEs (including, for example, with or without multiplexing capabilities). An EEL that consists of a combination of voice grade to DS0 level UNE local loops combined with a UNE DS1 or DS3 Dedicated Transport (a "Low-

Capacity EEL") shall not be required to satisfy the Eligibility Requirements set out in Section 2.19.2 below. An DS1 or higher EEL is required to terminate in a collocation arrangement that meets the requirements of Section 2.19.3 of this Appendix (*e.g.*, the end of the Unbundled Dedicated Transport that is opposite the end connected to the UNE local loop, must be accessed by CLEC at such a CLEC collocation arrangement via a cross-connect).

2.19.1.1.1 Intentionally Left Blank

2.19.1.1.2 Intentionally Left Blank

2.19.2 AT&T-13STATE is not obligated, and shall not, provide access to (1) an unbundled DS1 loop in combination, or Commingled, with a dedicated DS1 transport facility or service or a dedicated DS3 or higher transport facility or service, or an unbundled DS3 loop combination, or Commingled, with a dedicated DS3 or higher transport facility or service, or (2) an unbundled dedicated DS1 transport facility in combination, or Commingled, with an unbundled DS1 loop or a DS1 channel termination service, or to an unbundled dedicated DS3 transport facility in combination or Commingled with an unbundled DS1 loop or a DS1 channel termination service, or to an unbundled DS3 loop or a DS3 or higher channel termination service (collectively, the "Included Arrangements"), unless CLEC certifies that all of the following conditions are met with respect to the arrangement being sought:

2.19.2.1CLEC (directly and not via an Affiliate) has received state certification to provide local voice service in the area being served or, in the absence of a state certification requirement, has complied with registration, tariffing, filing fee, or other regulatory requirements applicable to the provision of local voice service in that area.

2.19.2.2 The following criteria must be are satisfied for each Included Arrangement, including without limitation each DS1 circuit, each DS3 circuit, each DS1 EEL and each DS1 equivalent circuit on a DS3 EEL:

2.19.2.2.1 Each circuit to be provided to each customer will be assigned a local telephone number (NPA-NXX-XXXX), prior to the provision of service over that circuit and

2.19.2.2.2 each DS1 equivalent circuit on a DS3 EEL arrangement, must have its own Local Telephone Number assignment, so that each fully utilized DS3 must have at least 28 Local voice Telephone Numbers assigned to it; and In addition, each

2.19.2.2.3 Each circuit to be provided to each customer will have 911 or E911 capability prior to the provision of service over that circuit;

2.19.2.2.4 Collocation: Each circuit to be provided to each customer will terminate in a collocation arrangement that meets the requirements of Section 2.19.3 of this Appendix 251(c)(3) UNE; and

2.19.2.2.5 Each circuit to be provided to each customer will be served by an interconnection trunk that meets the requirements of Section 2.19.4 of this Attachment; and

2.19.2.2.6 For each 24 DS1 EELs or the other facilities having equivalent capacity, CLEC will have at least one active DS1 local service interconnection trunk that meets the requirements of Section 2.19.4 of this Appendix; and

2.19.2.2.7 Each circuit to be provided to each customer will be served by a switch capable of switching local voice traffic.

2.19.3 A collocation arrangement meets the requirements of Section 2.19 of this Attachment if it is:

2.19.3.1 Established pursuant to Section 251(c)(6) of the Act and located at AT&T-13STATE' premises within the same LATA as the customer's premises, when AT&T-13STATE is not the collocator; or

2.19.3.2 Located at a third party's premises within the same LATA as the customer's premises, when AT&T-13STATE is the collocator.

2.19.4 An interconnection trunk meets the requirements of Sections 2.19.2.2.5 and 2.19.2.2.6 of this Attachment if CLEC will transmit the calling party's Local Telephone Number in connection with calls exchanged over the trunk and the trunk is located in the same LATA as the customer premises served by the Included Arrangement.

2.19.5 For a new circuit to which Section 2.19.2 applies, CLEC may initiate the ordering process if CLEC certifies that it will not begin to provide any service over that circuit until a Local Telephone Number is assigned and 911/E911 capability is provided, as required by Section 2.19.2.2.1 and Section 2.19.2.2.3, respectively. In such case, CLEC shall satisfy Section 2.19.2.2.1 and/or Section 2.19.2.2.3 if it assigns the required Local Telephone Number(s), and implements 911/E911 capability, within 30 days after AT&T -13STATE provisions such new circuit. CLEC must provide AT&T-13STATE with sufficient proof that such assignment and/or implementation has occurred by the end of such 30th day.

2.19.5.1 Existing circuits, including conversions or migrations are governed by Section 2.19.2.

2.19.6 CLEC hereby agrees that by submitting an order to AT&T-13STATE for an Included Arrangement (whether new, as a result of a requested conversion, or otherwise), CLEC is certifying that it meets and will continue to meet the requirements of Section 2.18 as to such Included Arrangement(s) on a circuit-by-circuit/service-by-service/Included Arrangement-by-Included Arrangement basis. Such certification-by-order shall have the same weight and effect as a separate certification. and certification-by-order shall not diminish or otherwise affect CLEC's obligation to meet and to continue to comply with the criteria or certification requirements set forth in this Section 2.19.

2.19.6.1 If the information previously provided in a certification is inaccurate (or ceases to be accurate), CLEC shall update such certification promptly with AT&T-13STATE.

2.19.7 In addition to any other audit rights provided for in this Agreement and those allowed by law, AT&T-13STATE may obtain and pay for an independent auditor to audit, on an annual basis applied on a state-by-state basis, for compliance with this Section 2.19. For purposes of calculating and applying an "annual basis", it means a consecutive 12-month period, beginning upon AT&T-13STATE written notice that an audit will be performed for that state, subject to Section 2.15.7.4 of this Section.

2.19.7.1 Intentionally Left Blank

2.19.7.2 Unless otherwise agreed by the Parties (including at the time of the audit), the independent auditor shall perform its evaluation in accordance with the standards established by the American Institute for Certified Public Accountants (AICPA), which will require the auditor to perform an "examination engagement" and issue an opinion that includes the auditor's determination regarding CLEC's compliance with the qualifying service eligibility criteria. The independent auditor's report will conclude whether CLEC complied in all material respects with this Section 2.19.

2.19.7.3 Consistent with standard auditing practices, such audits require compliance testing designed by the independent auditor, which typically include an examination of a sample selected in accordance with the independent auditor's judgment.

2.19.7.4 Should the independent auditor's report conclude that CLEC failed to comply in all material respects with Section 2.19, CLEC must true-up any difference in payments paid to AT&T-13STATE and the rates and charges CLEC would have owed AT&T-13STATE beginning from the date that the non-compliant circuit was established as a UNE/UNE combination, in whole or in part (notwithstanding any other provision hereof. CLEC must convert the UNE or UNE combination, or Commingled Arrangement, to an equivalent or substantially similar wholesale service, or group of wholesale services, (and AT&T-13STATE may initiate and affect such a conversion on its own without any further consent by CLEC), and CLEC shall timely make the correct payments on a going-forward basis, and all applicable remedies for failure to make such payments shall be available to AT&T-13STATE. In no event shall rates set under Section 252(d)(1) of the Act apply for the use of any UNE for any period in which CLEC does not meet the conditions set forth in this Section 2.19 for that UNE, arrangement, or circuit, as the case may be. Also, the "annual basis" calculation and application shall be immediately reset, *e.g*., AT&T-13STATE shall not have to wait the remaining part of the consecutive 12-month period before it is permitted to audit again in that State.

2.19.7.4.1 To the extent that the independent auditor's report concludes that CLEC failed to comply in all material respects with this Section 2.19*,* CLEC shall must reimburse AT&T-13STATE for the actual cost of the independent auditor and for AT&T-13STATE's costs in the same manner and using the same methodology and rates that AT&T-13STATE is required to pay CLEC's costs under Section 2.19.7.4.2.

2.19.7.4.2 To the extent the independent auditor's report concludes that CLEC complied in all material respects with this Section 2.19, , AT&T-13STATE *must* reimburse CLEC for its reasonable staff time and other reasonable costs associated with in responding to the audit (e.g., collecting data in response to the auditor's inquiries, meeting for interviews, etc).

2.19.7.5 CLEC will maintain the appropriate documentation to support its eligibility certifications, including without limitation call detail records, local telephone number assignment documentation, and switch assignment documentation.

2.19.8 Without affecting the application or interpretation of any other provisions regarding waiver, estoppel, laches, or similar concepts in other situations, CLEC shall fully comply with this Section 2.19 in all cases and, further, the failure of AT&T-13STATE to require such compliance, including if AT&T-13STATE provides an EEL(s) or a Commingled circuit that does not meet any eligibility criteria including those in this Section 2.19, shall not act as a waiver of any part of this Section, and estoppel, laches, or other similar concepts shall not act to affect any rights or requirements hereunder.

2.20 Where processes for any 251(c)(3) UNE requested pursuant to this Agreement, whether alone or in conjunction with any other UNE(s) or service(s), are not already in place, AT&T-13STATE will develop and implement processes, subject to any associated rates, terms and conditions. The Parties will comply with any applicable Change Management guidelines.

2.21 AT&T-13STATE will combine 251(c)(3) UNEs, combine 251(c)(3) UNE(s) with network elements possessed by CLEC, and/or Commingle only as set forth in this Appendix UNE.

2.22 The Parties intend that this Appendix 251(c)(3) UNEs contains the sole and exclusive terms and conditions by which CLEC will obtain 251(c)(3) UNEs (whether on a stand alone basis, in combination arrangements as

defined in this Appendix 251(c)(3) UNEs, or pursuant to Commingling arrangements as defined in this Appendix 251(c)(3) UNEs) from AT&T-13STATE, except as may be specifically permitted by this Appendix 251(c)(3) UNEs.

3. ACCESS TO 251(C)(3) UNE CONNECTION METHODS

3.1 Subject to Section 2 of this Appendix 251(c)(3) UNEs, AT&T-13STATE shall provide Access to 251(c)(3) UNE Connection Methods under the following terms and conditions.

3.2 This Section describes the connection methods under which AT&T-13STATE agrees to provide CLECs with access to 251(c)(3) UNEs Local Loops, and 251(c)(3) UNE Dedicated Transport and the conditions under which AT&T-13STATE makes these methods available. These methods provide CLEC access to multiple AT&T-13STATE 251(c)(3) UNEs that the CLEC may then combine. The methods listed below provide CLEC with access to 251(c)(3) UNEs without compromising the security, integrity, and reliability of the public switched network, as well as to minimize potential service disruptions.

3.2.1 Subject to availability of space and equipment, CLEC may use the methods listed below to access and combine 251(c)(3) UNE Local Loops, and 251(c)(3) UNE Dedicated Transport within a requested AT&T-13STATE Central Office and between AT&T wire centers or switches.

3.2.1.1 (Method 1)

AT&T-13STATE will extend AT&T-13STATE 251(c)(3) UNEs requiring cross connection to the CLEC's Physical or Virtual Collocation Point of Termination (POT) when the CLEC is Physically Collocated, in a caged or shared cage arrangement or Virtually Collocated, within the same Central Office where the 251(c)(3) UNEs which are to be combined are located. For Collocation terms and conditions refer to the Physical and Virtual Collocation Appendices.

3.2.1.2 (Method 2)

AT&T-13STATE will extend AT&T-13STATE 251(c)(3) UNEs that require cross connection to the CLEC's 251(c)(3) UNE frame located in the common room space, other than the Collocation common area, within the same Central Office where the 251(c)(3) UNEs which are to be combined are located.

3.2.1.3 (Method 3)

AT&T-13STATE will extend AT&T-13STATE 251(c)(3) UNEs to the CLEC's 251(c)(3) UNE frame that is located outside the AT&T-13STATE Central Office where the 251(c)(3) UNEs are to be combined in a closure such as a cabinet provided by AT&T-13STATE on AT&T-13STATE property.

3.3 The following terms and conditions apply to Methods 2 and 3 when AT&T-13STATE provides access to 251(c)(3) UNEs pursuant to Sections 3.2.1. 2 and 3.2.1.3:

3.3.1 The CLEC may cancel the request at any time, but will pay AT&T-13STATE's reasonable and demonstrable costs for modifying AT&T-13STATE's Central Office up to the date of cancellation.

3.3.2 CLEC shall be responsible for initial testing and trouble sectionalization of facilities containing CLEC installed cross connects.

3.3.3 CLEC shall refer trouble sectionalized in the AT&T-13STATE 251(c)(3) UNE to AT&T-13STATE.

3.3.4 Prior to AT&T-13STATE providing access to 251(c)(3) UNEs under this Appendix, CLEC and AT&T-13STATE shall provide each other with a point of contact for overall coordination.

3.3.5 CLEC shall provide all tools and materials required to place and remove the cross connects necessary to combine and disconnect 251(c)(3) UNEs when CLEC combines or disconnects 251(c)(3) UNEs.

3.3.6 CLEC shall designate each 251(c)(3) UNE being ordered from AT&T-13STATE. CLEC shall provide an interface to receive assignment information from AT&T-13STATE regarding location of the affected 251(c)(3) UNEs. This interface may be manual or mechanized.

3.3.7 AT&T-13STATE will provide CLEC with contact numbers as necessary to resolve assignment conflicts encountered. All contact with AT&T-13STATE shall be referred to such contact numbers.

3.3.8 Certain construction and preparation activities may be required to modify a building or prepare the premises for access to 251(c)(3) UNEs.

3.3.8.1 Where applicable, costs for modifying a building or preparing the premises for access to AT&T-13STATE 251(c)(3) UNEs will be made on an individual case basis (ICB).

3.3.8.2 AT&T-13STATE will contract for and perform the construction and preparation activities using same or consistent practices that are used by AT&T-13STATE for other construction and preparation work performed in the building.

3.3.9 Cross connects designated by AT&T-13STATE for use by the CLEC shall not be used by AT&T-13STATE for any other purpose.

4. RESERVED FOR FUTURE USE

5. INTENTIONALLY LEFT BLANK

6. BONA FIDE REQUEST

6.1 Subject to Section 2, AT&T-13STATE shall process BFR requests under the following terms and conditions in this subsection.

6.2 The Bona Fide Request process described in Item I of this Section 6 applies to each Bona Fide Request submitted in the AT&T-10STATE and AT&T NEVADA Territory. The Bona Fide Request process described in Item II of this Section 6 shall apply to each Bona Fide Request submitted in the AT&T CONNECTICUT Territory and the Bona Fide Request Process described in Item III of this Section shall apply to each Bona Fide Request submitted in the AT&T CALIFORNIA Territory. If CLEC submits the same Request in more than one Territory that requires such Request to be processed under more than one Item in this Section 6 (e.g., in Territories that have different processes), separate BFRs shall be required. For purposes of this Appendix, a "Business Day" means Monday through Friday, excluding Holidays observed by AT&T-13STATE.

6.3 Item I

AT&T-10STATE, AT&T NEVADA Bona Fide Request Process

6.3.1 A Bona Fide Request ("BFR") is the process by which CLEC may request AT&T-10STATE, AT&T NEVADA to provide CLEC access to an additional or new, undefined 251(c)(3) UNE, 251(c)(3) UNE Combination and/or 251(c)(3) Commingling requests that constitute or involve a 251(c)(3) UNE required to be provided by AT&T-10STATE, AT&T NEVADA but that is not available under this Agreement at the time of CLEC's request.

6.3.2 The BFR process set forth herein does not apply to those services requested pursuant to Report & Order and Notice of Proposed Rulemaking 91-141 (rel. Oct. 19, 1992) paragraph 259 and n. 603 and subsequent rulings.

6.3.3 All BFRs must be submitted with a BFR Application Form in accordance with the specifications and processes set forth in the respective sections of the CLEC Handbook. Included with the Application CLEC shall provide a technical description of each requested 251(c)(3) UNE, drawings when applicable, the location(s) where needed, the date required, and the projected quantity to be ordered with a 3 year forecast.

6.3.4 CLEC is responsible for all costs incurred by AT&T-10STATE, AT&T NEVADA to review, analyze and process a BFR. When submitting a BFR Application Form, CLEC has two options to compensate AT&T-10STATE, AT&T NEVADA for its costs incurred to complete the Preliminary Analysis of the BFR:

6.3.4.1 Include with its BFR Application Form a $2,000 deposit to cover AT&T-10STATE, AT&T NEVADA's preliminary evaluation costs, in which case AT&T-10STATE, AT&T NEVADA may not charge CLEC in excess of $2,000 to complete the Preliminary Analysis; or

6.3.4.2 Not make the $2,000 deposit, in which case CLEC shall be responsible for all preliminary evaluation costs incurred by AT&T-10STATE, AT&T NEVADA to complete the preliminary Analysis (regardless of whether such costs are greater or less than $2,000).

6.3.5 If CLEC submits a $ 2,000 deposit with its BFR, and AT&T-10STATE, AT&T NEVADA is not able to process the Request, determines that the Request does not qualify for BFR treatment, then AT&T-10STATE, AT&T NEVADA will return the $2,000 deposit to CLEC. Similarly, if the costs incurred to complete the Preliminary Analysis are less than $2,000, the balance of the deposit will, at the option of CLEC, either be refunded or credited toward additional developmental costs authorized by CLEC.

6.3.6 Upon written notice, CLEC may cancel a BFR at any time, but will pay AT&T-10STATE, AT&T NEVADA its reasonable and demonstrable costs of processing and/or implementing the BFR up to and including the date AT&T-10STATE, AT&T NEVADA received notice of cancellation. If cancellation occurs prior to completion of the preliminary evaluation, and a $2,000 deposit has been made by CLEC, and the reasonable and demonstrable costs are less than $2,000, the remaining balance of the deposit will be, at the option of the CLEC, either returned to CLEC or credited toward additional developmental costs authorized by CLEC.

6.3.7 AT&T-10STATE, AT&T NEVADA will promptly consider and analyze each BFR it receives. Within ten (10) Business Days of its receipt AT&T-10STATE, AT&T NEVADA will acknowledge receipt of the BFR and in such acknowledgement advise CLEC of the need for any further information needed to process the Request. CLEC acknowledges that the time intervals set forth in this Appendix begins once AT&T-10STATE, AT&T NEVADA has received a complete and accurate BFR Application Form and, if applicable, $2,000 deposit.

6.3.8 Except under extraordinary circumstances, within thirty (30) calendar days of its receipt of a complete and accurate BFR AT&T-10STATE, AT&T NEVADA will provide to CLEC a preliminary analysis of such Request (the "Preliminary Analysis"). The Preliminary Analysis will (i) indicate that AT&T-10STATE, AT&T NEVADA will offer the Request to CLEC or (ii) advise CLEC that AT&T-10STATE, AT&T NEVADA will not offer the Request. If AT&T-10STATE, AT&T NEVADA indicates it will not offer the Request, AT&T-10STATE, AT&T NEVADA will provide a detailed explanation for the denial. Possible explanations may be, but are not limited to: (i) access to the Request is not technically feasible, (ii) that the Request is not for a 251(c)(3) UNE, or is otherwise not required to be provided by AT&T-10STATE, AT&T NEVADA under the Act and/or, (iii) that the BFR is not the correct process for the request.

6.3.9 If the Preliminary Analysis indicates that AT&T-10STATE, AT&T NEVADA will offer the Request, CLEC may, at its discretion provide written authorization for AT&T-10STATE, AT&T NEVADA to develop the Request and prepare a "BFR Quote". The BFR Quote shall, as applicable, include (i) the first date of availability, (ii) installation intervals, (iii) applicable rates (recurring, nonrecurring and other), (iv) BFR development and processing costs and (v) terms and conditions by which the Request shall be made available. CLEC's written authorization to develop the BFR Quote must be received by AT&T-10STATE, AT&T NEVADA within thirty (30) calendar days of CLEC's receipt of the Preliminary Analysis. If no authorization to proceed is received within such thirty (30) calendar day period, the BFR will be deemed canceled and CLEC will pay to AT&T-10STATE, AT&T NEVADA all demonstrable costs as set forth above. Any request by CLEC for AT&T-10STATE, AT&T NEVADA to proceed with a Request received after the thirty (30) calendar day window will require CLEC to submit a new BFR.

6.3.10 As soon as feasible, but not more than ninety (90) calendar days after its receipt of authorization to develop the BFR Quote, AT&T-10STATE, AT&T NEVADA shall provide to CLEC a BFR Quote.

6.3.11 Within thirty (30) calendar days of its receipt of the BFR Quote, CLEC must either (i) confirm its order pursuant to the BFR Quote (ii) cancel its BFR and reimburse AT&T-10STATE, AT&T NEVADA for its costs incurred up to the date of cancellation, or (iii) if it believes the BFR Quote is inconsistent with the requirements of the Act and/or this Appendix, exercise its rights under the Dispute Resolution Process set forth in the General Terms and Conditions of this Agreement. If AT&T-10STATE, AT&T NEVADA does not receive notice of any of the foregoing within such thirty (30) calendar day period, the BFR shall be deemed canceled. CLEC shall be responsible to reimburse AT&T-10STATE, AT&T NEVADA for its costs incurred up to the date of cancellation (whether affirmatively canceled or deemed canceled by CLEC).

6.3.12 Unless CLEC agrees otherwise, all rates and costs quoted or invoiced herein shall be consistent with the pricing principles of the Act, applicable FCC rules or applicable Commission rules.

6.3.13 If a Party believes that the other Party is not requesting, negotiating or processing a BFR in good faith and/or as required by the Act, or if a Party disputes a determination, or price or cost quote, such Party may seek relief pursuant to the Dispute Resolution Process set forth in the General Terms and Conditions section of this Agreement.

6.4* Item II

AT&T CONNECTICUT Bona Fide Request Process

6.4.1 The Bona Fide Request provisions set forth in 6.3 Item I shall apply to BFRs submitted to AT&T CONNECTICUT, with the following exceptions:

6.4.2 Section 6.3.1 is amended to add the following: A CLEC may submit a BFR to request new 251(c)(3) UNEs, provided the request is not covered by one of the following conditions:

6.4.2.1 The 251(c)(3) UNEs requested have not previously been identified or defined by the Department of Public Utility Control (DPUC), the Federal Communications Commission, the CLEC's approved interconnection agreement, or in the listings of combinations in Docket No. 98-02-01, DPUC Investigation into Rebundling of Telephone Company Network Elements, August 17, 1998.

6.4.2.2 The 251(c)(3) UNEs requested are not currently deployed by an incumbent local exchange carrier in another jurisdiction or deemed acceptable for deployment by another state Commission or an industry standards body.

6.4.2.3 The 251(c)(3) UNEs requested are not included in a Telco tariffed offering as an existing capability or functional equivalent.

6.4.2.4 If the request is covered by one of the conditions listed above, AT&T CONNECTICUT will make these items generally available.

6.4.3 Sections 6.3.3 and 6.3.4 are amended as follows: No charges apply for AT&T CONNECTICUT to prepare the Preliminary Analysis.

6.4.4 Section 6.3.6 is amended as follows: Cancellation charges will not apply if the written notice of cancellation is received by AT&T CONNECTICUT after AT&T CONNECTICUT submits its Preliminary Analysis to CLEC but before CLEC's request for the BFR Quote. Cancellation charges will apply after CLEC submits its request for AT&T CONNECTICUT to provide a BFR Quote, but before the BFR Quote is provided to CLEC. CLEC shall be liable for reimbursement of all actual costs in connection with developing the BFR Quote incurred up to the time AT&T CONNECTICUT receives the written notice of cancellation from CLEC. However, if AT&T CONNECTICUT receives notification from CLEC for cancellation of the BFR after receipt by CLEC of the BFR Quote, the

* Section 6.4 is available only in the State of Connecticut. Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS, Paragraph 2.10.1.

cancellation charges shall not exceed the lesser of the actual costs incurred by AT&T CONNECTICUT or the estimate in the BFR Quote plus twenty percent (20%).

6.4.5 Section 6.3.7 is amended as follows: AT&T CONNECTICUT will promptly consider and analyze each BFR it receives. Within ten (10) Business Days of its receipt, AT&T CONNECTICUT will acknowledge receipt of the BFR and in such acknowledgement advise CLEC of the need for any further information needed to process the Request. CLEC acknowledges that the time intervals set forth in this Appendix begin once AT&T CONNECTICUT has received a complete and accurate BFR Application Form.

6.4.6 AT&T CONNECTICUT will apply standard tariffed Processing Fees (BFR development costs) according to the Connecticut Access Service Tariff 4.11.

6.4.7 For AT&T CONNECTICUT, under the Dispute Resolution Process (DRP), either Party may petition the Department for relief pursuant to its own processes and the Uniform Administrative Procedures Act regarding the issues raised during the BFR process. Upon request, a designated member of the Department staff may confer with both Parties orally or in person concerning the substance of the Parties' dispute, and may make such recommendations as he or she shall deem appropriate for consideration by both Parties to resolve expeditiously the issues in dispute. Any such participation by Department staff in such mediation shall not be construed in any subsequent proceeding as establishing precedent or any Formal position of the Department on the matter in dispute.

6.5 Item III

AT&T CALIFORNIA Bona Fide Request Process

6.5.1 The Bona Fide Request provisions set forth in 6.3 Item I shall apply to BFRs submitted to AT&T CALIFORNIA, with the following exceptions:

6.5.2 Section 6.3.1 is amended as follows: A Bona Fide Request ("BFR") is the process by which CLEC may request AT&T CALIFORNIA to provide CLEC access to an additional or new, undefined 251(c)(3) UNE.

6 5.3 Interconnection arrangement, or other (a "Request"), that is required to be provided by AT&T CALIFORNIA under the Act but is not available under this Agreement or defined in a generic appendix at the time of CLEC's request.

6.5.4 Section 6.3.3 is amended as follows: All BFRs must be submitted with a BFR/Interconnection or Network Element Application Form in accordance with the specifications and processes set forth in the sections of the Handbook.

6.5.5 Section 6.3.8 is amended as follows: Except under extraordinary circumstances, within thirty (30) calendar days of its receipt of a complete and accurate BFR, AT&T CALIFORNIA will provide to CLEC a Preliminary Analysis of such Request. The Preliminary Analysis will confirm that AT&T CALIFORNIA will offer the request. The Preliminary Analysis provided by AT&T CALIFORNIA will include cost categories (material, labor and other) and high level costs for the request. AT&T CALIFORNIA will attempt to provide a "yes" response earlier than thirty (30) calendar days if possible. CLEC acknowledges that an earlier "yes" response will not include high level costs. The costs will be sent by the 30th calendar day. When wholesale construction is required, costs will be provided within an additional twenty-four (24) calendar days (i.e., by the 54th calendar day).

6.5.6 If the BFR is denied, AT&T CALIFORNIA will notify CLEC within fifteen (15) calendar days. The reason for denial will accompany the notification. Reasons for denial may include, but are not limited to: 1) not technically feasible, 2) the BFR is not the appropriate process for the Request and there is a referral to the appropriate process, and/or 3) the Request does not qualify as a new 251(c)(3) UNE, interconnection or other arrangement required by law.

* Section 6.5 is available only in the State of California. Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS, Paragraph 2.10.1.

6.5.7 If AT&T CALIFORNIA refers CLEC to an alternate process, the details of the provision of the alternate process will accompany the notification. The details may include an application form for the alternate process and other documentation required for CLEC to submit the application for the alternate process.

7. NETWORK INTERFACE DEVICE

7.1 Subject to Section 2 of this Appendix 251(c)(3) UNE, AT&T-13STATE shall provide 251(c)(3) UNE Network Interface Device under the following terms and conditions in this subsection.

7.2 The 251(c)(3) UNE Network Interface Device (NID) is defined as any means of interconnection of End User premises wiring to AT&T-13STATE's distribution loop facilities, such as a cross connect device used for that purpose. Fundamentally, the 251(c)(3) UNE NID establishes the final (and official) network demarcation point between the loop and the End User's inside wire. Maintenance and control of the End User's inside wiring (on the End User's side of the 251(c)(3) UNE NID) is under the control of the End User. Conflicts between telephone service providers for access to the End User's inside wire must be resolved by the End User. Pursuant to applicable FCC rules, AT&T-13STATE offers nondiscriminatory access to the 251(c)(3) UNE NID on an unbundled basis to CLEC for the provision of a Telecommunications Service. CLEC access to the 251(c)(3) UNE NID is offered as specified below (AT&T-12STATE) or by tariff (AT&T CONNECTICUT).

7.3 AT&T-12STATE will permit CLEC to connect its local loop facilities to End Users' premises wiring through AT&T-12STATE's 251(c)(3) UNE NID, or at any other technically feasible point.

7.4 CLEC may connect to the End User's premises wiring through the AT&T-12STATE 251(c)(3) UNE NID, as is, or at any other technically feasible point. Any repairs, upgrade and rearrangements to the 251(c)(3) UNE NID required by CLEC will be performed by AT&T-12STATE based on Time and Material charges. AT&T-12STATE, at the request of CLEC, will disconnect the AT&T-12STATE local loop from the 251(c)(3) UNE NID, at charges reflected in the state specific Appendix Pricing.

7.5 With respect to multiple dwelling units or multiple-unit business premises, CLEC will connect directly with the End User's premises wire, or may connect with the End User's premises wire via AT&T-12STATE's 251(c)(3) UNE NID where necessary.

7.6 The AT&T-12STATE 251(c)(3) UNE NIDs that CLEC uses under this Appendix will be existing 251(c)(3) UNE NIDs installed by AT&T-12STATE to serve its End Users.

7.7 CLEC shall not attach to or disconnect AT&T-12STATE's ground. CLEC shall not cut or disconnect AT&T-12STATE's loop from the 251(c)(3) UNE NID and/or its protector. CLEC shall not cut any other leads in the 251(c)(3) UNE NID.

7.8 CLEC, who has constructed its own NID at a premises and needs only to make contact with AT&T-12STATE's 251(c)(3) UNE NID, can disconnect the End User's wiring from AT&T-12STATE's 251(c)(3) UNE NID and reconnect it to the CLEC's NID.

7.9 If CLEC requests any additional type of access to the 251(c)(3) UNE NID not specifically referenced above, AT&T-12STATE will consider the requested type of 251(c)(3) UNE NID to be facilitated via the Bona Fide Request (BFR) Process.

8. 251(C)(3) UNE LOCAL LOOP

8.1 Subject to the other terms and conditions of this Appendix, AT&T-13STATE shall provide 251(c)(3) UNE Local Loop under the following terms and conditions in this subsection.

8.2 A 251(c)(3) UNE Local Loop is a transmission facility between a distribution frame (or its equivalent) in an AT&T-13STATE Central Office and the loop demarcation point at an End User premises. AT&T-13STATE will make available the 251(c)(3) UNE Local Loops set forth herein below between a distribution frame (or its equivalent) in an AT&T-13STATE Central Office and the loop demarcation point at an End User premises. The Parties acknowledge and agree that AT&T-13STATE shall not be obligated to provision any of the 251(c)(3) UNE Local Loops provided for herein to cellular sites or to any other location that does not

constitute an End User premises. Where applicable, the 251(c)(3) UNE Local Loop includes all wire within multiple dwelling and tenant buildings and campuses that provides access to End User premises wiring, provided such wire is owned and controlled by AT&T-13STATE. The 251(c)(3) UNE Local Loop includes all features, functions and capabilities of the transmission facility, including attached electronics (except those electronics used for the provision of advanced services, such as Digital Subscriber Line Access Multiplexers), and CLEC requested line conditioning (subject to applicable charges in Appendix Pricing). The 251(c)(3) UNE Local Loop includes, but is not limited to copper loops (two-wire and four-wire analog voice-grade copper loops, digital copper loops [*e.g.*, DS0s and integrated services digital network lines]), as well as two-wire and four-wire copper loops conditioned, at CLEC request and subject to charges, to transmit the digital signals needed to provide digital subscriber line services). 251(c)(3) UNE DS1 Digital Loops (where they have not been Declassified and subject to caps set forth in Section 8.3.4.4.1) and 251(c)(3) UNE DS3 Digital Loops (where they have not been Declassified and subject to caps set forth in Section 8.3.5.4.1), where such loops are deployed and available in AT&T-13STATE wire centers. CLEC agrees to operate each 251(c)(3) UNE Local Loop type within applicable technical standards and parameters.

8.2.1 When a 251(c)(3) UNE Local Loop is ordered to a high voltage area, the Parties understand and agree that the 251(c)(3) UNE Local Loop will require a High Voltage Protective Equipment (HVPE) (e.g., a positron), to ensure the safety and integrity of the network, the Parties' employees and/or representatives, and the CLEC's End User. Therefore, any request by CLEC for a 251(c)(3) UNE Local Loop to a high voltage area will be submitted by CLEC to AT&T-13STATE via the BFR process set forth in Section 6 "Bona Fide Request," and CLEC shall be required to pay AT&T-13STATE for any HVPE that is provisioned by AT&T-13STATE to CLEC in connection with the CLEC's 251(c)(3) UNE Local Loop order to the high voltage area. In the alternative, CLEC can provide its own HVPE on its customer's side of the demarcation point provided the HVPE meets AT&T-13STATE's or other appropriate industry standards.

8.3 The following types of 251(c)(3) UNE Local Loop will be provided at the rates, terms, and conditions set forth in this Appendix (AT&T-12STATE) or by tariff (AT&T CONNECTICUT) and in the state specific Appendix Pricing (AT&T-12STATE) or by tariff (AT&T CONNECTICUT):

8.3.1 2-Wire Analog 251(c)(3) UNE Local Loop

8.3.1.1 A 2-Wire analog loop is a transmission facility which supports analog voice frequency, voice band services with loop start signaling within the frequency spectrum of approximately 300 Hz and 3000 Hz.

8.3.1.2 If CLEC requests one or more 251(c)(3) UNE Local Loops serviced by Integrated Digital Loop Carrier (IDLC) AT&T-12STATE will, where available, move the requested 251(c)(3) UNE Local Loop(s) to a spare, existing all-copper or universal digital loop carrier 251(c)(3) UNE Local Loop at no additional charge to CLEC. If, however, no spare 251(c)(3) UNE Local Loop is available, as defined above, AT&T-12STATE will within two (2) business days of CLEC's request, notify CLEC of the lack of available facilities.

8.3.2 4-Wire Analog 251(c)(3) UNE Local Loop

8.3.2.1 A 4-Wire analog loop is a transmission facility that provides a non-signaling voice band frequency spectrum of approximately 300 Hz to 3000 Hz. The 4-Wire analog loop provides separate transmit and receive paths.

8.3.3 2-Wire Digital 251(c)(3) UNE Local Loop

8.3.3.1 A 2-Wire 160 Kbps digital loop is a transmission facility which supports Basic Rate ISDN (BRI) digital exchange services. The 2-Wire digital loop 160 Kbps supports usable bandwidth up to 160 Kbps, including overhead.

8.3.4 DS1 Digital Loop

8.3.4.1 A DS1 Digital Loop (DS1) is a transmission facility that will support DS1 service including Primary Rate ISDN (PRI). The DS1 Digital Loop supports usable bandwidth up to 1.544 Mbps.

8.3.4.2 DS1 251(c)(3) UNE Digital Loops will be offered and/or provided only where such Loops have not been Declassified.

8.3.4.3 The procedures set forth in Section 8.4, below will apply in the event DS1 Digital Loops (DS1) are or have been Declassified.

8.3.4.4 DS1 Loop "Caps"

8.3.4.4.1 AT&T 13-STATE is not obligated to provide to CLEC more than ten (10) DS1 251(c)(3) UNE loops per requesting carrier to any single building in which DS1 Loops have not been otherwise Declassified; accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering unbundled DS1 Loops once CLEC has already obtained ten DS1 251(c)(3) UNE Loops at the same building. If, notwithstanding this Section, CLEC submits such an order, at AT&T-13STATE's option it may accept the order, but convert any requested DS1 251(c)(3) UNE Loop(s) in excess of the cap to Special Access, and applicable Special Access charges will apply to CLEC for such DS1 Loop(s) as of the date of provisioning.

8.3.5 DS3 Digital Loop

8.3.5.1 The DS3 loop provides a digital, 45 Mbps transmission facility from the AT&T-13STATE Central Office to the end user premises.

8.3.5.2 DS3 251(c)(3) UNE loops will be offered and/or provided only where such Loops have not been Declassified.

8.3.5.3 The procedures set forth in Section 8.4, below will apply in the event DS3 Digital Loops are or have been Declassified.

8.3.5.4 DS3 Loop "Caps"

8.3.5.4.1 AT&T-13STATE is not obligated to provide to CLEC more than one (1) DS3 Loop per requesting carrier to any single building in which DS3 Loops have not been otherwise Declassified; accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering unbundled DS3 Loops once CLEC has already obtained one DS3 251(c)(3) UNE loop to the same building. If, notwithstanding this Section, CLEC submits such an order, at AT&T-13STATE's option it may accept the order, but convert any DS3 251(c)(3) UNE Local Loop(s) in excess of the cap to Special Access, and applicable Special Access charges will apply to CLEC for such DS3 Loop(s) as of the date of provisioning.

8.4 Declassification Procedure

8.4.1 DS1. Subject to the cap described in Section 8.3.4.4.1, AT&T-13STATE shall provide CLEC with access to a DS1 251(c)(3) UNE Digital Loop, where available, to any building *not* served by a wire center with 60,000 or more business lines and four or more (4) fiber-based collocators. Once a wire center exceeds these thresholds, no future DS1Digital Loop unbundling will be required in that wire center, or any buildings served by that wire center, and DS1 Digital Loops in that wire center, or any buildings served by that wire center, shall be Declassified and no longer available as 251(c)(3) UNEs under this Agreement. Accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering DS1 251(c)(3) UNE Digital Loops in such wire center(s), or any buildings served by such wire center(s).

8.4.2 DS3. Subject to the cap described in Section 8.3.5.4.1, AT&T-13STATE shall provide CLEC with access to a DS3 251(c)(3) UNE Digital Loop, where available, to any building *not* served by a wire center with at least 38,000 business lines and at least four (4) fiber-based collocators. Once a wire center exceeds these thresholds, no future DS3 Digital Loop unbundling will be required in that wire center, or any buildings served by that wire center, and DS3 Digital Loops in that wire center, or any buildings served by that wire center, shall be Declassified, and no longer available as 251(c)(3) UNEs under this Agreement. Accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering DS3 251(c)(3) UNE Digital Loops in such wire center(s), or any buildings served by such wire center(s).

8.4.3 Effect on Embedded Base. Upon Declassification of DS1 Digital Loops or DS3 Digital Loops already purchased by CLEC as 251(c)(3) UNEs under this Agreement, AT&T-13STATE will provide written notice to CLEC of such Declassification, and proceed in accordance with Section 2.5 "Notice and Transition Procedure."

8.4.3.1 Products provided by AT&T-13STATE in conjunction with such Loops (e.g. Cross-Connects) shall also be subject to re-pricing under this Section and Section 2.5 "Notice and Transition Procedure" where such Loops are Declassified.

8.4.4 Reserved for future use

8.5 Routine Network Modifications – 251(c)(3) UNE Local Loops

8.5.1 AT&T-13STATE shall make routine network modifications to 251(c)(3) UNE Local Loop facilities used by requesting telecommunications carriers where the requested 251(c)(3) UNE Local Loop facility has already been constructed. AT&T-13STATE shall perform routine network modifications to 251(c)(3) UNE Local Loop facilities in a nondiscriminatory fashion, without regard to whether the 251(c)(3) UNE Local Loop facility being accessed was constructed on behalf, or in accordance with the specifications, of any carrier.

8.5.2 A routine network modification is an activity that AT&T-13STATE regularly undertakes for its own retail customers where there are no additional charges or minimum term commitments. Routine network modifications include rearranging or splicing of existing cable; adding an equipment case; adding a doubler or repeater; adding a smart jack; installing a repeater shelf; adding a line card; deploying a new multiplexer or reconfiguring an existing multiplexer; and attaching electronic and other equipment that the incumbent LEC ordinarily attaches to activate such loop for its own retail customers, under the same conditions and in the same manner that AT&T-13STATE does for its own retail customers. Routine network modifications may entail activities such as accessing manholes, deploying bucket trucks to reach aerial cable, and installing equipment casings. AT&T-13STATE will place drops in the same manner as it does for its own customers.

8.5.3 Routine network modifications do not include constructing a new 251(c)(3) UNE loop, installing new cable; securing permits, rights-of-way; constructing and/or placing new manholes or conduits; installing new terminals; removing or reconfiguring packetized transmission facility; or the provision

of electronics for the purpose of lighting dark fiber (i.e., optronics). AT&T-13STATE is not obligated to perform those activities for a requesting telecommunications carrier.

8.5.4 AT&T-13STATE shall determine whether and how to perform routine network modifications using the same network or outside plant engineering principles that would be applied in providing service to AT&T-13STATE's retail customers.

8.5.5 This Agreement does not require AT&T-13STATE to deploy time division multiplexing-based features, functions and capabilities with any copper or fiber packetized transmission facility to the extent AT&T-13STATE has not already done so; remove or reconfigure packet switching equipment or equipment used to provision a packetized transmission path; reconfigure a copper or fiber packetized transmission facility to provide time division multiplexing-based features, functions and capabilities; to deploy TDM voice grade transmission capacity into new or existing networks that never had TDM capability; nor does this Agreement prohibit AT&T-13STATE from upgrading a customer from a TDM-based service to a packet switched or packet transmission service, or removing copper loops or subloops from the network, provided AT&T-13STATE complies with the copper loop or copper subloop retirement rules in 47 C.F.R. 51.319(a)(3)(iii).

8.5.6 Notwithstanding anything to the contrary herein, AT&T-13STATE's obligations with respect to routine network modifications apply only where the loop transmission facilities are subject to unbundling and, as to access to the TDM capabilities of AT&T-13STATE's hybrid loops, only with respect to any existing capabilities of AT&T-13STATE's hybrid loops. AT&T-13STATE has no obligation to perform routine network modifications in connection with FTTH loops or FTTC loops.

8.5.7 AT&T-12STATE shall provide routine network modifications at the rates, terms and conditions set out in this Appendix (AT&T-12STATE), and in the state specific Appendix Pricing (AT&T-12STATE) or by tariff, as such tariff may be modified from time to time (AT&T CONNECTICUT). A rate for any routine network modification shown as "ICB" in Appendix Pricing or the applicable tariff indicates that the Parties have not negotiated, and/or that the State Commission has not reviewed and approved, a specific rate for that routine network modification. The ICB rate shall be determined on an individual case basis and shall reflect an engineering estimate of the actual costs of time and materials required to perform the routine network modification; provided, however, that the ICB rate shall not include any costs already recovered through existing, applicable recurring and non-recurring charges. The resulting ICB rates shall continue to apply to such routine network modifications unless and until the Parties negotiate specific rates for such routine network modifications or specific rates are otherwise established for such routine network modifications. However, CLEC shall not be financially responsible for a routine network modification charge not approved specifically by the CLEC.

8.6 251(c)(3) UNE DS1 and DS3 Loops may not be employed in combination with transport facilities to replace Special Access services or facilities, except consistently with the other terms and conditions of this Agreement, including but not limited to, Section 2.16 of this Appendix.

9. 251(C)(3) UNE SUBLOOPS

9.1 Subject to the other terms and conditions of this Appendix, AT&T-12STATE shall provide 251(c)(3) UNE Subloops under the following terms and conditions in this subsection.

9.2 AT&T-12STATE will provide 251(c)(3) UNE Subloops as set forth in this Appendix. Other than as specifically set out elsewhere in this Agreement, AT&T CONNECTICUT does not offer 251(c)(3) UNE Subloops under this Agreement. Rather, 251(c)(3) UNE Subloops are available as described in Section 18 of the Connecticut Service Tariff.

9.2.1 A 251(c)(3) UNE Subloop is a smaller included segment of AT&T-12STATE's local loop plant, i.e., a portion of the loop from some technically accessible terminal beyond AT&T-12STATE's central

office and the network demarcation point, including that portion of the loop, if any, which AT&T-12STATE's owns and controls inside the End User premises.

9.3 Definitions pertaining to the 251(c)(3) UNE Subloop

9 3.1 Accessible terminals contain cables and their respective wire pairs that terminate on screw posts or through other comparable arrangement within the terminal. This allows technicians to affix cross connects between binding posts of terminals collocated at the same point. Terminals differ from splice cases, which are inaccessible because the case must be breached to reach the wires within.

9.3.2 "Dead Count" refers to those binding posts which have cable spliced to them but which cable is not currently terminated to any terminal to provide service.

9.3.3 "Demarcation Point" is defined as the point on the loop where the ILEC's control of the wire ceases and the subscriber's control (or on the case of some multiunit premises, the landlord's control) of the wire begins.

9.3.4 "Digital 251(c)(3) UNE Subloop" may be deployed on non-loaded copper cable pairs, channels of a digital loop carrier system, channels of a fiber optic transport system or other technologies suitable for the purpose of providing 160 Kbps and 1.544 Mbps 251(c)(3) UNE Subloop transport.

9 3.5 "Distribution Cable" is defined as the cable from the SAI/FDI to the terminals from which an end user can be connected to the ILEC's network.

9.3.6 "MTE" for the purpose of Term To NID 251(c)(3) UNE Subloop. "MTE" is a Multi Tenant Environment for buildings with exterior or interior mounted terminals.

9.3.7 "Network Terminating Wire (NTW)" is the service wire that connects the ILEC's distribution cable to the NID at the demarcation point in multi-tenant units.

9.3.8 "SAI/FDI-to-Term 251(c)(3) UNE Subloop" is that portion of the loop from the SAI/FDI to an accessible terminal.

9 3.9 "SAI/FDI-to-NID 251(c)(3) UNE Subloop" is that portion of the loop from the SAI/FDI to the Network Interface Device (NID), which is located on an end user's premise.

9.3.10 "SPOI" is defined as a Single Point of Interconnection. At the request of CLEC, and subject to charges, AT&T-12STATE will construct a SPOI only to those multiunit premises where AT&T-12STATE has distribution facilities to the premises and AT&T-12STATE either owns, controls, or leases the inside wire, if any, at such premises. If AT&T-12STATE has no facilities which it owns, controls or leases at a multiunit premise through which it serves, or can serve, End Users at such premise, it is not obligated to construct a SPOI. AT&T-12STATE's obligation to build a SPOI for multiunit premises only arises when CLEC indicates that it will place an order for a 251(c)(3) UNE Subloop via a SPOI.

9.3.11 "SAI/FDI" is defined as the point in the ILEC's network where feeder cable is cross connected to the distribution cable. "SAI" is Serving Area Interface. "FDI" is Feeder Distribution Interface. The terms are interchangeable.

9.3.12 "Term-to-NID 251(c)(3) UNE Subloop" is that portion of the loop from an accessible terminal to the NID, which is located at an end user's premise. Term-to-NID 251(c)(3) UNE Subloop includes use of the Network Terminating Wire (NTW).

9.4 AT&T-12STATE will offer the following 251(c)(3) UNE Subloop types:

9.4.1 2-Wire Analog 251(c)(3) UNE Subloop provides a 2-wire (one twisted pair cable or equivalent) capable of transporting analog signals in the frequency range of approximately 300 to 3000 hertz (voiceband).

9.4.2 4-Wire Analog 251(c)(3) UNE Subloop provides a 4-wire (two twisted pair cables or equivalent, with separate transmit and receive paths) capable of transporting analog signals in the frequency range of approximately 300 to 3000 hertz (voiceband).

9.4.3 251(c)(3) UNE xDSL Subloop is as defined in the Line Sharing, Line Splitting and xDSL Appendix and will be available to CLEC in the AT&T-12STATE states in those instances where CLEC has an approved and effective Line Sharing, Line Splitting and xDSL Appendix as a part of this Agreement. In addition to the provisions set forth in the Line Sharing, Line Splitting and xDSL Appendix, the 251(c)(3) UNE xDSL Subloop is subject to the 251(c)(3) UNE subloop terms and conditions set forth in this Appendix, the collocation provisions set forth elsewhere in this Agreement and the rates set forth in the Appendix Pricing. If there is any conflict between the provisions set forth in the Line Sharing, Line Splitting and xDSL Appendix as to the 251(c)(3) UNE xDSL Subloop and the 251(c)(3) UNE subloop provisions set forth in this Appendix, the 251(c)(3) UNE subloop provisions set forth in this Appendix shall control.

9.4.4 Reserved for future use.

9.5 Left Blank Intentionally.

9.6 251(c)(3) UNE Subloops are provided "as is" unless CLEC requests loop conditioning on 251(c)(3) UNE xDSL Subloops for the purpose of offering advanced services. 251(c)(3) UNE xDSL Subloop conditioning will be provided at the rates, terms, and conditions set out in the state specific Appendix Pricing.

9.7 If a Term to NID 251(c)(3) UNE Subloop has been disconnected and thus an end-user is no longer receiving service via that 251(c)(3) UNE Subloop, and such 251(c)(3) UNE Subloop has been determined to be a non-defective pair, then that 251(c)(3) UNE Subloop would be considered an existing spare portion of the loop, based on a first come first served basis.

9.8 Copper 251(c)(3) UNE Subloops

9.8.1 Access to terminals for copper 251(c)(3) UNE Subloops is defined to include:

- any technically feasible point near the End User premises accessible by a cross-connect (such as the pole or pedestal, the NID, or the minimum point of entry (MPOE) to the End User premises),
- the Feeder Distribution Interface (FDI) or Serving Area Interface (SAI), where the "feeder" leading back to the central office and the "distribution" plant branching out to the subscribers meet,
- the Terminal (underground or aerial).

9.9 CLEC may request access to the following copper 251(c)(3) UNE Subloop segments:

FROM:	TO:
1. Serving Area Interface or Feeder Distribution Interface	Terminal
2. Serving Area Interface or Feeder Distribution Interface	Network Interface Device
3. Terminal	Network Interface Device
4. NID	Stand Alone
5. SPOI (Single Point of Interface)	Terminal
6. SPOI (Single Point of Interface)	Network Interface Device

9.10 Provisioning

9.10.1 Connecting Facility Arrangement (CFA) assignments must be in-place prior to ordering and assigning specific 251(c)(3) UNE Subloop circuit(s).

9.10.2 Spare 251(c)(3) UNE Subloop(s) will be assigned to CLEC only when an LSR/ASR is processed. LSR/ASRs will be processed on a "first come first serve" basis.

9.11 Maintenance

9.11.1 The Parties acknowledge that by separating switching, and distribution plant, the ability to perform mechanized testing and monitoring of the 251(c)(3) UNE Subloop from the AT&T-12STATE switch/testing equipment will be lost.

9 11.2 CLEC shall isolate trouble to the AT&T-12STATE 251(c)(3) UNE Subloop portion of the CLEC's service before reporting trouble to AT&T-12STATE.

9.11.3 AT&T-12STATE shall charge the CLEC a Maintenance of Service Charge (MSC) when CLEC dispatches AT&T-12STATE on a trouble report and the fault is determined to be in the CLEC's portion of the loop. Such charges may be found in the individual state pricing appendices or tariffs.

9.11.4 Once all 251(c)(3) UNE Subloop access arrangements (SAAs) have been completed and balance of payment due AT&T-12STATE is received, the CLEC may place a LSR for Subloops at this location. Prices at which AT&T-12STATE agrees to provide CLEC with 251(c)(3) UNE Subloops are contained in the state specific Appendix Pricing.

9.11.5 In the event of Catastrophic Damage to the RT, SAI/FDI, Terminal, SPOI, or NID where CLEC has a SAA, AT&T-12STATE repair forces will restore service in a non-discriminatory manner which will allow the greatest number of all End Users to be restored in the least amount of time. Should the CLEC cabling require replacement, AT&T-12STATE will provide prompt notification to CLEC for CLEC to provide the replacement cable to be terminated as necessary.

9.12 251(c)(3) UNE Subloop Access Arrangements

9.12.1 Prior to ordering 251(c)(3) UNE Subloop facilities, CLEC will establish Collocation using the appropriate Collocation process as set forth in the appropriate Collocation Appendix, or will establish a 251(c)(3) UNE Subloop Access Arrangement, where necessary, utilizing the Special Construction Arrangement (SCA), either of which are necessary to interconnect to the AT&T-12STATE 251(c)(3) UNE Subloop network.

9.12.2 The space available for collocating or obtaining various 251(c)(3) UNE Subloop Access Arrangements will vary depending on the existing plant at a particular location. The CLEC will initiate an SCA by submitting a 251(c)(3) UNE Subloop Access Arrangement Application.

9 12.3 Upon receipt of a complete and correct application, AT&T-12STATE will provide to CLEC within thirty (30) days a written estimate for the actual construction, labor, materials, and related provisioning costs incurred to fulfill the SCA on a Time and Materials basis. When CLEC submits a request to provide a written estimate for 251(c)(3) UNE Subloop access, appropriate rates for the engineering and other associated costs performed will be charged.

9.12.4 The assignment of 251(c)(3) UNE Subloop facilities will incorporate reasonable practices used to administer outside plant loop facilities. For example, where SAI/FDI interfaces are currently administered in 25 pair cable complements, this will continue to be the practice in assigning and administering 251(c)(3) UNE Subloop facilities.

9.12.5 Subloop inquiries do not serve to reserve 251(c)(3) UNE Subloops.

9.12.6 Several options exist for Collocation or 251(c)(3) UNE Subloop Access Arrangements at technically feasible points. Sound engineering judgment will be utilized to ensure network security and integrity. Each situation will be analyzed on a case-by-case basis.

9.12.7 If AT&T-12State does not have the appropriate rights of way for the placement of structure necessary for the SAA, CLEC will be responsible for obtaining rights of way from owners of property prior to submitting a request for a SCA.

9.12.8 Prior to submitting the 251(c)(3) UNE Subloop Access Arrangement Application for SCA, the CLEC should have the "Collocation" and "Poles, Conduit, and Row" appendices in the Agreement to provide the guidelines for both CLEC and ILEC to successfully implement 251(c)(3) UNE Subloops, should collocation, access to poles/conduits or rights of way be required.

9.12.9 Except as set forth below in this 9.12.9, construction of the 251(c)(3) UNE Subloop Access Arrangement shall be completed within ninety (90) days of CLEC submitting to AT&T-12STATE written approval and payment of not less than 50% of the total estimated construction costs and related provisioning costs after an estimate has been accepted by the carrier and before construction begins, with the balance payable upon completion. AT&T-12STATE will not begin any

construction under the SCA until the CLEC has provided proof that it has obtained necessary rights of way as defined in Section 9.12.7. In the event CLEC disputes the estimate for an SAA in accordance with the dispute resolution procedures set forth in this Agreement, AT&T-12STATE will proceed with construction of the SAA upon receipt from CLEC of notice of the dispute and not less than fifty percent (50%) of the total estimated costs, with the balance payable by CLEC upon completion of the SAA. Such payments may be subject to any "true-up", if applicable, upon resolution of the dispute in accordance with the Dispute Resolution procedures.

9.12.10 Upon completion of the construction activity, the CLEC will be allowed to test the installation with a AT&T-12STATE technician. If the CLEC desires test access to the SAA, the CLEC should place its own test point in its cable prior to cable entry into AT&T-12STATE's interconnection point.

9.12.11 A non-binding CLEC forecast shall be required as a part of the request for SAA, identifying the 251(c)(3) UNE Subloops required for line-shared and non line-shared arrangements to each subtending SAI. This will allow AT&T-12STATE to properly engineer access to each SAI and to ensure AT&T-12STATE does not provide more available terminations than the CLEC expects to use.

9.12.12 In order to maximize the availability of terminations for all CLECs, the CLEC shall provide CFA for their 251(c)(3) UNE Subloop pairs utilizing the same 25-pair binder group. The CLEC would begin utilizing the second 25-pair binder group once the first 25-pair binder group reached its capacity.

9.12.13 Unused CLEC terminations (in normal splicing increments such as 25-pair at a SAI/FDI) which remain unused for a period of one year after the completion of construction shall be subject to removal at CLEC expense.

9.12.14 In the event a CLEC elects to discontinue use of an existing SAA, or abandons such arrangement, CLEC shall pay AT&T-12STATE for removal of their facilities from the SAA.

9 .13 251(c)(3) UNE Subloop Access Arrangement (SAA) Access Points

9.13.1 SAI/FDI, ECS, SPOI, or Terminal

9.13.1.1 CLEC cable to be terminated in a AT&T-12STATE SAI/FDI, or Terminal, shall consist of 22 or 24-guage copper twisted pair cable bonded and grounded to the power company Multi Grounded Neutral (MGN). Cable may be filled if buried or buried to aerial riser cable. CLEC's Aerial cables should be aircore.

9.13.1.2 The CLEC may elect to place their cable to within 3 feet of the SAA site and coil up an amount of cable, defined by the engineer in the design phase, that AT&T-12STATE will terminate on available binding posts in the SAI/FDI or Terminal.

9.13.1.3 The CLEC may "stub" up a cable at a prearranged meet point, defined during the engineering site visit, and AT&T-12STATE will stub out a cable from the SAI/FDI or Terminal, which AT&T-12STATE will splice to the CLEC cable at the meet point.

9.13.1.4 Dead counts will be offered as long as they have not been placed for expansion purposes planned within the 12-month period beginning on the date of the inquiry LSR.

9.14 Relocation of Existing ILEC/CLEC Facilities involved in a SAA at a RT/ECS, SAI/FDI, SPOI, Terminal or NID

9 14.1 AT&T-12STATE shall notify CLEC of pending relocation as soon as AT&T-12STATE receives such notice.

9 14.2 CLEC shall notify AT&T-12STATE of its intentions to remain, or not, in the SAA by way of a new 251(c)(3) UNE Subloop Access Arrangement Application.

9 14.3 If the relocation is requested by CLEC, AT&T-12STATE shall then provide the CLEC an estimate to terminate their facilities as part of the relocation of the site including the applicable SAA. This process may require a site visit with the CLEC and AT&T-12STATE engineer. CLEC shall not be liable for any costs associated with a relocation initiated by AT&T-12STATE.

9.14.4 CLEC shall notify AT&T-12STATE of acceptance or rejection of the new SCA within 10 business days of its receipt of AT&T-12STATE's estimate.

9.14.5 Upon acceptance of the AT&T-12STATE estimate, CLEC shall pay at least 50% of the relocation costs at the same time as they notify AT&T-12STATE of their acceptance of estimate costs.

9.14.6 Should CLEC decide not to continue the SAA, CLEC will notify AT&T-12STATE as to the date that AT&T-12STATE may remove CLEC's facilities from that SAA. CLEC will pay AT&T-12STATE for all costs associated with the removal of the CLEC's SAA.

9.14.7 In the event that CLEC does not respond to AT&T-12STATE in time to have their facilities relocated, AT&T-12STATE shall move CLEC facilities and submit a bill for payment to the CLEC for the costs associated with the relocation. Should CLEC elect not pay this bill, then CLEC facilities will be removed from the site upon 30 days notice to the CLEC.

9.15 Establishment of Intermediary Box for CLEC Access to Term to NID MTE 251(c)(3) UNE Subloop Segment

9.15.1 As an alternative to the establishment of a 251(c)(3) UNE Subloop Access Arrangement in those instances where CLEC wishes to access/lease AT&T-12STATE Term to NID 251(c)(3) UNE Subloop segments in order to serve its End Users at MTEs in AT&T-12STATE ("Term to NID MTE 251(c)(3) UNE Subloop Segments"), CLEC may place, own and manage, for its own use, an intermediary box, which would provide CLEC with access to a Term to NID MTE 251(c)(3) UNE Subloop Segment cross-connect leased from AT&T-12STATE within the intermediary box (in order to obtain access to AT&T-12STATE Term to NID MTE 251(c)(3) UNE Subloop Segments). In the event CLEC wishes to access AT&T-12STATE Term to NID MTE 251(c)(3) UNE Subloop Segments via the establishment of an intermediary box, the following rates, terms and conditions shall apply:

9.15.1.1 CLEC would manage the process for placing its own intermediary box, including, without limitation, coordination with the property owner and/or management. CLEC may, at its discretion, choose to retain ownership in whole or to share ownership of the intermediary box with other CLECs. CLEC will provide sufficient wire and physical protection for the wire from its intermediate box to AT&T-12STATE's terminal.

9.15.1.2 The intermediary box shall contain blocks that meet AT&T-12STATE's published industry standards for the placement of services and facilities and should be labeled with CLEC's ACNA to enable the AT&T-12STATE technician the ability to run jumper/cross connect from AT&T-12STATE terminal to the intermediary box.

9.15.1.3 CLEC agrees that the AT&T-12STATE technician shall run the jumper/cross-connect from AT&T-12STATE's serving terminal to CLEC's intermediary box, in order for CLEC to access AT&T-12STATE Term to NID MTE 251(c)(3) UNE Subloop Segments in AT&T-12STATE. For security and safety, AT&T will incase the cross connect in conduit, a protective covered common path, between the AT&T terminal and the CLEC's intermediary box.

9.15.1.4 CLEC must have in place Connecting Facility Arrangement (CFA) assignments prior to ordering and assigning specific Term to NID MTE 251(c)(3) UNE Subloop Segments from AT&T-12STATE.

9.15.1.5 Following CLEC's provisioning, placement, and completion of Connecting Facility Arrangement Assignments ("CFA") data submission to AT&T-12STATE associated with the intermediary box, CLEC would place orders and schedule activities related to access to the Term to NID MTE 251(c)(3) UNE Subloop Segment including, without limitation: transferring the End User's service from AT&T-12STATE to CLEC, providing AT&T-12STATE with CFA prior to ordering and the assigning of a specific Term to NID MTE 251(c)(3) UNE Subloop Segment(s).

9.15.1.6 The ordering procedures for the Term to NID MTE 251(c)(3) UNE Subloop Segment will be the same as those that apply to 251(c)(3) UNE Subloop today and shall be submitted to AT&T-12STATE by CLEC via a Local Service Request ("LSR").

9.15.1.7 AT&T-12STATE will upon receipt of the LSR from CLEC for a Term to NID MTE 251(c)(3) UNE Subloop Segment, process the order and place the jumper/cross connect to the CFA provided by the CLEC on the LSR, from the AT&T-12STATE terminal to the CLEC intermediary box. AT&T-12STATE must have access to the intermediary box for completion of the order.

9.15.2 In connection with the MTE intermediary box for CLEC access to Term to NID MTE 251(c)(3) UNE Subloop Segments in AT&T-12STATE only, CLEC may elect to lease from AT&T-12STATE Term to NID MTE 251(c)(3) UNE Subloop Segments which do not include traditional testing and the associated labor, at the recurring and non-recurring rates set forth in Appendix Pricing for the "Term to NID MTE 251(c)(3) UNE Subloop Segment." In the event CLEC wishes to lease the Term to NID MTE 251(c)(3) UNE Subloop Segment from AT&T-12STATE in lieu of AT&T-12STATE's standard Term to NID 251(c)(3) UNE Subloop segment addressed in this 9.15.2, CLEC understands and agrees no performance measures and/or remedies shall apply to the Term to NID MTE 251(c)(3) UNE Subloop Segment as a result of the elimination of associated testing and reduction in functionality associated with the Term to NID MTE 251(c)(3) UNE Subloop Segment.

9.16 Establishment of Term to NID MTE 251(c)(3) UNE Subloop Segment When no Intermediary Box is installed

9.16.1 In those instances where CLEC elects not to install an intermediary box or to have AT&T-12STATE install an intermediary box pursuant to the SAA process outlined herein above, the CLEC may still lease from AT&T-12STATE Term to NID MTE 251(c)(3) UNE Subloop Segments which do not include traditional testing and the associated labor, at the recurring and non-recurring rates set forth in Appendix Pricing for the "Term to NID MTE 251(c)(3) UNE Subloop Segment". In the event CLEC wishes to lease the Term to NID MTE 251(c)(3) UNE Subloop Segment from AT&T-12STATE in lieu of AT&T-12STATE's standard Term to NID 251(c)(3) UNE Subloop segment addressed in Section 9.15.2 above, CLEC understands and agrees no performance measures and/or remedies shall apply to the Term to NID MTE 251(c)(3) UNE Subloop Segment as a result of the elimination of associated testing and reduction in functionality associated with the Term to NID MTE 251(c)(3) UNE Subloop Segment. In such cases, AT&T-12STATE will provide CLEC with access to the Term To NID MTE 251(c)(3) UNE Subloop via a cross connect. The AT&T technician will tag appropriately and will leave up to two feet of exposed wire at AT&T-12STATE's terminal. The cross connect would then be terminated by the CLEC technician in the CLEC terminal, at a time of CLEC's own choosing. For security and safety, AT&T will incase the cross connect in conduit, a protective covered common path, between the AT&T terminal and the CLEC's terminal.

9.16.2 If CLEC elects this option to obtain access to the Term To NID 251(c)(3) UNE Subloop in an MTE Environment, neither the AT&T-12STATE SAA process nor the intermediary box option would be required. Because the CLEC would have full responsibility for terminating the AT&T-12STATE cross- connect, AT&T-12STATE could not require any CFA information from CLEC.

10. ENGINEERING CONTROLLED SPLICE (ECS)

10.1 Subject to the other terms and conditions of this Appendix, AT&T-12STATE shall provide to Engineering controlled Splice under the following terms and conditions in this subsection.

10.2 AT&T-12STATE will also make available an Engineering Controlled Splice (ECS), which will be owned by AT&T-12STATE, for CLECs to gain access to 251(c)(3) UNE Subloops at or near remote terminals.

10.3 The ECS shall be made available for 251(c)(3) UNE Subloop Access Arrangements (SAA) utilizing the Special Construction Arrangement (SCA).

10.3.1 CLEC requesting such a SCA shall pay all of the actual construction, labor, materials and related provisioning costs incurred to fulfill its SCA on a Time and Materials basis, provided that AT&T-12STATE will construct any 251(c)(3) UNE Subloop Access Arrangement requested by a Telecommunications Carrier in a cost-effective and efficient manner. If AT&T-12STATE elects to incur additional costs for its own operating efficiencies and that are not necessary to satisfy an SCA in a cost-effective and efficient manner, CLEC will not be liable for such extra costs.

10.3.2 CLEC shall be liable only for costs associated with cable pairs that it orders to be presented at an engineering controlled splice (regardless of whether the requesting carrier actually utilizes all such pairs), even if AT&T-12STATE places more pairs at the splice.

10.3.3 Intentionally Left Blank

10.3.4 If more than one requesting Telecommunications Carrier obtains space in expanded remote terminals or adjacent structures and obtains an SAA with the new copper interface point at the ECS, the initial Telecommunications Carrier which incurred the costs of construction of the engineering controlled splice and/or additional copper/fiber shall be reimbursed those costs in equal proportion to the space or lines used by the requesting carriers.

10.3.5 AT&T-12STATE may require a separate SCA for each remote terminal site.

10.3.6 Except as set forth below in this Section 10.3.6, written acceptance and at least 50% of payment for the SCA must be submitted at least ninety (90) days before access to the copper 251(c)(3) UNE Subloop is to be provisioned by AT&T-12STATE. AT&T-12STATE will not begin any construction of the ECS until the CLEC has provided proof that it has obtained the necessary rights of way as defined in Section 9.12.7. In the event CLEC disputes the estimate for the ECS in accordance with the dispute resolution procedures set forth in this Agreement, AT&T-12STATE will proceed with construction of the ECS upon receipt from CLEC of notice of the dispute and not less than fifty percent (50%) of the total estimated costs, with the balance payable by CLEC upon completion of the ECS. Such payments may be subject to any "true-up", if applicable, upon resolution of the dispute in accordance with the Dispute Resolution procedures.

10.4 CLECs will have two (2) options for implementing the ECS: a "Dedicated Facility Option" (DFO) and a "Cross-connected Facility Option" (CFO).

10.4.1 Dedicated Facility Option (DFO)

10.4.1.1 CLEC may request AT&T-12STATE splice the existing cabling between the ECS and the SAI to the CLEC's SAA facility. This facility will be "dedicated" to the CLEC for subsequent 251(c)(3) UNE Subloop orders.

10.4.1.2 CLEC must designate the quantity of 251(c)(3) UNE Subloops they desire to access via this spliced, dedicated facility, specified by subtending SAI.

10.4.1.3 CLECs will compensate AT&T-12STATE for each of the dedicated 251(c)(3) UNE Subloop facilities, based on recurring 251(c)(3) UNE Subloop charges, for the quantity of 251(c)(3) UNE Subloops dedicated to the CLEC between the ECS and the SAI.

10.4.2 Cross-connected Facility Option (CFO)

10.4.2.1 CLEC may request AT&T-12STATE build an ECS cross-connect junction on which to terminate CLEC's SAA facility.

10.4.2.2 The SCA associated with this option will include the charges associated with constructing the cross-connect device, including the termination of AT&T-12STATE cabling between the ECS and the RT and/or SAI, and the inventorying of that AT&T-12STATE cabling.

10.4.2.3 CLEC must designate the quantity of 251(c)(3) UNE Subloops they desire to access via this cross-connectable, dedicated facility, specified by subtending SAI.

10.4.2.4 CLECs will compensate AT&T-12STATE for the charges incurred by AT&T-12STATE derived from the CLEC's request for the SCA.

10.5 The introduction of an ECS creates the following additional copper 251(c)(3) UNE Subloop segments:

	FROM:	TO:
1.	RT	Serving Area Interface or Feeder Distribution Interface

2. RT Terminal
3. RT NID

11. RESERVED

12. RESERVED

13. DS1 AND DS3 DEDICATED TRANSPORT

13.1 Subject to the other terms and conditions of this Appendix, AT&T-12STATE shall provide 251(c)(3) UNE DS1/DS3 Dedicated Transport under the following terms and conditions.

13.2 For purposes of this Agreement, the following definitions apply:

13.2.1 "Dedicated Transport" is defined as AT&T-12STATE interoffice transmission facilities between wire centers or switches owned by AT&T-13STATE, or between wire centers or switches owned by AT&T-13STATE and switches owned by requesting telecommunications carriers, dedicated to a particular customer or carrier. Dedicated Transport does not include transmission facilities between the AT&T-12STATE network and the CLEC network or the location of CLEC equipment.

13.2.2 A "route" is defined as a transmission path between one of AT&T-12STATE's wire centers or switches and another of AT&T-12STATE's wire centers or switches. A route between two points (e.g., wire center of switch "A" and wire center or switch "Z") may pass through one or more intermediate wire centers or switches (e.g. wire center or switch "X"). Transmission paths between identical end points (e.g., wire center or switch "A" and wire center or switch "Z") are the same "route," irrespective of whether they pass through the same intermediate wire centers or switches, if any.

13.3 AT&T-12STATE will be responsible for the engineering, provisioning, maintenance of the underlying equipment and facilities that are used to provide 251(c)(3) UNE Dedicated Transport.

13.3.1 Subject to the caps set forth in Sections 13.3.5 and 13.3.6, 251(c)(3) UNE DS1/DS3 Dedicated Transport: 251(c)(3) UNE DS1/DS3 Dedicated Transport will be provided only where such facilities exist at the time of CLEC request, and only over routes that are not or have not been Declassified.

13. 3.2 Other than as specifically set forth elsewhere in this Agreement, AT&T CONNECTICUT does not offer 251(c)(3) UNE DS1/DS3 Dedicated Transport under this Agreement. Rather, 251(c)(3) UNE DS1/DS3 Dedicated Transport is available as described in Section 18 of the Connecticut Access Service Tariff.

13.3.3 AT&T-12STATE will provide 251(c)(3) UNE DS1/DS3 Dedicated Transport to a requesting CLEC only at the following speeds: DS1 (1.544 Mbps) and DS3 (44.736 Mbps).

13.3.4 251(c)(3) UNE DS1/DS3 Dedicated Transport includes, as follows:

13.3.4.1 Intentionally Left Blank

13.3.4.2 Multiplexing – an option ordered in conjunction with 251(c)(3) UNE DS1 or DS3 dedicated transport which converts a circuit from higher to lower bandwidth, or from digital to voice grade. Multiplexing is only available when ordered at the same time as 251(c)(3) UNE DS1 or DS3 Dedicated Transport.

13.3.4.3 Other Optional features are outlined in Appendix Pricing.

13.3.5 DS3 Transport "Caps"

13.3.5.1 AT&T 13-STATE is not obligated to provide to CLEC more than twelve(12) DS3 251(c)(3) UNE Dedicated Transport circuits on each route on which DS3 Dedicated Transport has not been otherwise Declassified; accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering unbundled DS3 Dedicated Transport once CLEC has

already obtained twelve DS3 251(c)(3) UNE Dedicated Transport circuits on the same route. If, notwithstanding this Section, CLEC submits such an order, at AT&T-13STATE's option it may accept the order, but convert any requested DS3 251(c)(3) UNE Dedicated Transport in excess of the cap to Special Access, and applicable Special Access charges will apply to CLEC for such DS3 Dedicated Transport circuits as of the date of provisioning.

13.3.6 DS1 Transport "Caps"

13.3.6.1 AT&T 13-STATE is not obligated to provide to CLEC more than ten (10) DS1 251(c)(3) UNE Dedicated Transport circuits on each route on which DS1 Dedicated Transport has not been otherwise Declassified; accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering unbundled DS1 Dedicated Transport once CLEC has already obtained ten DS1 251(c)(3) UNE Dedicated Transport circuits on the same route. If, notwithstanding this Section, CLEC submits such an order, at AT&T-13STATE's option it may accept the order, but convert any requested DS1 251(c)(3) UNE Dedicated Transport in excess of the cap to Special Access, and applicable Special Access charges will apply to CLEC for such DS1 Dedicated Transport circuits as of the date of provisioning.

13.4 Diversity

13.4.1 When requested by CLEC, and subject to all applicable terms, conditions, and applicable charges, and only where such interoffice facilities exist at the time of CLEC request, Physical diversity shall be provided for 251(c)(3) UNE DS1 or DS3 Dedicated Transport. Physical diversity means that two circuits are provisioned in such a way that no single failure of facilities or equipment will cause a failure on both circuits.

13.4.2 AT&T-12STATE shall provide the Physical separation between intra-office and inter-office transmission paths when technically and economically feasible. Physical diversity requested by the CLEC shall be subject to additional charges. When additional costs are incurred by AT&T-12STATE for CLEC specific diversity, AT&T-12STATE will advise CLEC of the applicable additional charges. AT&T-12STATE will not process the request for diversity until CLEC accepts such charges. Any applicable performance measures will be abated from the time diversity is requested until CLEC accepts the additional charges.

13.5 Declassification Procedure

13.5.1 Wire Center "Tiers" -- For purposes of this Section 13.5 (and Section 14 related to Dark Fiber), wire centers are classified into three "tiers," as follows:

(i) Tier 1 Wire Centers are those ILEC wire centers that contain at least four fiber-based collocators, at least 38,000 business lines, or both. Tier 1 Wire Centers also are those ILEC tandem switching locations that have no line-side switching facilities, but nevertheless serve as a point of traffic aggregation accessible by CLECs. Once a wire center is determined to be a Tier 1 Wire Center, that wire center is not subject to later reclassification as a Tier 2 or Tier 3 Wire Center.

(ii) Tier 2 Wire Centers are those ILEC wire centers that are not Tier 1 Wire Centers, but contain at least 3 fiber-based collocators, at least 24,000 business lines, or both. Once a wire center is determined to be a Tier 2 Wire Center, that Wire Center is not subject to later reclassification as a Tier 3 Wire Center.

(iii) Tier 3 Wire Centers are those ILEC wire centers that do not meet the criteria for Tier 1 or Tier 2 Wire Centers.

13.5.2 DS1 Transport Declassification

13.5.2.1 Subject to the cap described in Section 13.3.6, AT&T-13STATE shall provide CLEC with access to 251(c)(3) UNE DS1 Dedicated Transport on routes, except routes where both wire centers defining the route are Tier 1 Wire Centers. As such AT&T-13STATE must provide 251(c)(3) UNE DS1 Dedicated Transport under this Agreement only if a wire center at either end of a requested route is not a Tier 1 Wire Center, or if neither is a Tier 1 Wire Center. DS1 Dedicated Transport circuits on routes between Tier 1 Wire Centers are Declassified and no longer available as 251(c)(3) UNEs under this Agreement. Accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering DS1 251(c)(3) UNE Dedicated Transport on such route(s).

13.5.3 DS3 Transport Declassification

13.5.3.1 Subject to the cap described in Section 13.3.5, AT&T-13STATE shall provide CLEC with access to 251(c)(3) UNE DS3 Dedicated Transport, except on routes where both wire centers defining the route are either Tier 1 or Tier 2 Wire Centers. As such AT&T-13STATE must provide 251(c)(3) UNE DS3 Dedicated Transport under this Agreement only if a wire center on either end of the requested route is a Tier 3 Wire Center. If both wire centers defining a requested route are either Tier 1 or Tier 2 Wire Centers, then DS3 Dedicated Transport circuits on such routes are Declassified and no longer available as 251(c)(3) UNEs under this Agreement. Accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering DS3 251(c)(3) UNE Dedicated Transport on such route(s).

13.5.4 Effect on Embedded Base. Upon Declassification of DS1 Dedicated Transport or DS3 Dedicated Transport already purchased by CLEC as 251(c)(3) UNEs under this Agreement, AT&T-13STATE will provide written notice to CLEC of such Declassification, and proceed in accordance with Section 2.5 "Notice and Transition Procedure."

13.5.5 Products provided by AT&T-13STATE in conjunction with 251(c)(3) UNE DS1 or DS3 Dedicated Transport (e.g. Cross-Connects) shall also be subject to re-pricing under this Section and Section 2.5 "Notice and Transition Procedure" where such Transport is Declassified.

13.6 Reserved for future use.

13.7 Routine Network Modifications – 251(c)(3) UNE DS1 or DS3 Dedicated Transport

13.7.1 AT&T-13STATE shall make routine network modifications to 251(c)(3) UNE DS1 or DS3 Dedicated Transport facilities used by requesting telecommunications carriers where the requested 251(c)(3) UNE DS1 or DS3 Dedicated Transport facilities have already been constructed. AT&T-13STATE shall perform routine network modifications to 251(c)(3) UNE DS1 or DS3 Dedicated Transport facilities in a nondiscriminatory fashion, without regard to whether the 251(c)(3) UNE DS1 or DS3 Dedicated Transport facility being accessed was constructed on behalf, or in accordance with the specifications, of any carrier.

13.7.2 A routine network modification is an activity that AT&T-13STATE regularly undertakes for its own customers. Routine network modifications include rearranging or splicing of cable; adding an equipment case; adding a doubler or repeater; adding a smart jack; installing a repeater shelf; adding a line card; deploying a new multiplexer or reconfiguring an existing multiplexer. Routine network modifications may entail activities such as accessing manholes, deploying bucket trucks to reach aerial cable, and installing equipment casings. Routine network modifications do not include

the installation of new aerial or buried cable for a requesting telecommunications carrier, and AT&T-13STATE is not obligated to perform those activities for a requesting telecommunications carrier.

13.7.3 AT&T-13STATE shall determine whether and how to perform routine network modifications using the same network or outside plant engineering principles that would be applied in providing service to AT&T-13STATE's retail customers.

13.7.4 Notwithstanding anything to the contrary herein, AT&T-13STATE's obligations with respect to routine network modifications apply only where the dedicated transport transmission facilities are subject to unbundling.

13.7.5 AT&T-12STATE shall provide routine network modifications at the rates, terms and conditions set out in this Appendix (AT&T-12STATE), and in the state specific Appendix Pricing (AT&T-12STATE) or by tariff (AT&T-CONNECTICUT). A rate for any routine network modification shown as "ICB" in Appendix Pricing or the applicable tariff indicates that the Parties have not negotiated, and/or that the State Commission has not reviewed and approved, a specific rate for that routine network modification. The ICB rate shall be determined on an individual case basis and shall reflect an engineering estimate of the actual costs of time and materials required to perform the routine network modification; provided, however, that the ICB rate shall not include any costs already recovered through existing, applicable recurring and non-recurring charges. The resulting ICB rates shall continue to apply to such routine network modifications unless and until the Parties negotiate specific rates for such routine network modifications or specific rates are otherwise established for such routine network modifications.

14. DARK FIBER DEDICATED TRANSPORT

14.1 Subject to the other terms and conditions of this Appendix, AT&T-12STATE shall provide 251(c)(3) UNE Dedicated Transport Dark Fiber under the following terms and conditions in this subsection. AT&T-13STATE is not required to provide Loop Dark Fiber on an unbundled basis. (For definitional purposes only, Loop Dark fiber is fiber within an existing fiber optic cable that has not yet been activated through optronics to render it capable of carrying communications service.)

14.2 In AT&T-12STATE, 251(c)(3) UNE Dedicated Transport Dark Fiber is deployed, unlit optical fiber within AT&T-12STATE's network. 251(c)(3) UNE Transport Dark Fiber consists of unactivated optical interoffice transmission facilities. Other than as specifically set out elsewhere in this Agreement, AT&T CONNECTICUT does not offer dedicated transport dark fiber under this Agreement; rather, 251(c)(3) UNE Dedicated Transport Dark Fiber is available to CLECs as described in Section 18.2.1N of the Connecticut Service Tariff.

14.3 251(c)(3) UNE Dedicated Transport Dark Fiber

14.3.1 At 251(c)(3) UNE Dedicated Transport Dark Fiber segments in routes that have not been Declassified, AT&T-12STATE will provide a 251(c)(3) UNE Dedicated Transport Dark Fiber segment that is considered "spare" as defined in Sections 14.6 and 14.7 below. 251(c)(3) UNE Dedicated Transport Dark Fiber is defined as AT&T-12STATE dark fiber interoffice transmission facilities dedicated to a particular CLEC that are within AT&T-12STATE's network, connecting AT&T-12STATE switches or wire centers within a LATA. AT&T-12STATE is not obligated to provide CLEC with unbundled access to Dedicated Transport that does not connect a pair of AT&T-12STATE wire centersAT&T-12STATE will offer 251(c)(3) UNE Dedicated Transport Dark Fiber to CLEC when CLEC has collocation space in each AT&T-12STATE CO where the requested dark fiber(s) terminate.

14.4 A "route" is defined as a transmission path between one of AT&T-12STATE's wire centers or switches and another of AT&T-12STATE's wire centers or switches. A route between two points (e.g., wire center of switch "A" and wire center or switch "Z") may pass through one or more intermediate wire centers or switches (e.g. wire center or switch "X"). Transmission paths between identical end points (e.g., wire center

or switch "A" and wire center or switch "Z") are the same "route," irrespective of whether they pass through the same intermediate wire centers or switches, if any.

14.5 Spare Fiber Inventory Availability and Condition

14.5.1 All available spare 251(c)(3) UNE Dedicated Transport Dark Fiber will be provided as is. No conditioning will be offered. Spare 251(c)(3) UNE Dedicated Transport Dark Fiber is fiber that can be spliced in all segments, point to point but not assigned, and spare 251(c)(3) UNE Dedicated Transport Dark Fiber does not include maintenance spares, fibers set aside and documented for AT&T-12STATE's forecasted growth, defective fibers, or fibers subscribed to by other Telecommunications Carriers. CLEC will not obtain any more than 25% of the spare 251(c)(3) UNE Dedicated Transport Dark Fiber contained in the requested segment during any two-year period.

14.6 Determining Spare Fibers

14.6.1 AT&T-12STATE will inventory 251(c)(3) UNE Dedicated Transport Dark Fiber. Spare 251(c)(3) UNE Dedicated Transport Dark Fiber and does not include the following:

14.6.1.1 Maintenance spares. Maintenance spares shall be kept in inventory like a working fiber. Spare maintenance fibers are assigned as follows:

14.6.1.1.1 Cables with 24 fibers and less: two maintenance spare fibers

14.6.1.1.2 Cables with 36 and 48 fibers: four maintenance spare fibers

14.6.1.1.3 Cables with 72 and 96 fibers: eight maintenance spare fibers

14.6.1.1.4 Cables with 144 fibers: twelve maintenance spare fibers

14.6.1.1.5 Cables with 216 fibers: 18 maintenance spares

14.6.1.1.6 Cables with 288 fibers: 24 maintenance spares

14.6.1.1.7 Cables with 432 fibers: 36 maintenance spares

14.6.1.1.8 Cables with 864 fibers: 72 maintenance spares.

14.6.1.2 Defective fibers. Defective fibers, if any, will be deducted from the total number of spare 251(c)(3) UNE Dedicated Transport Dark Fiber that would otherwise be available.

14.6.1.3 AT&T-12STATE growth fibers. Fibers documented as reserved by AT&T-12STATE for utilization for growth within the 12 month–period following the carrier's request.

14.6.2 The appropriate AT&T-12STATE engineering organization will maintain records on each fiber optic cable for which CLECs request 251(c)(3) UNE Dedicated Transport Dark Fiber.

14.7 Quantities and Time Frames for ordering 251(c)(3) UNE Dedicated Transport Dark Fiber

14.7.1 The minimum number of 251(c)(3) UNE Dedicated Transport Dark Fiber that CLEC can order is one, and 251(c)(3) UNE Dedicated Transport Dark Fiber strands must be ordered on a strand-by-strand basis. The maximum number of 251(c)(3) UNE Dedicated Transport Dark Fiber that CLEC can order is no greater than 25% of the spare 251(c)(3) UNE Dedicated Transport Dark Fiber in the segment requested. Should spare 251(c)(3) UNE Dedicated Transport Dark Fiber fall below 8 strands in a given location, AT&T-12STATE will provide no more than a quantity of 2 strands. (See definition of spare set forth in Sections 14.6.)

14.7.2 If CLEC wishes to request 251(c)(3) UNE Dedicated Transport Dark Fiber, it must submit a dark fiber facility inquiry, providing CLEC's specific point to point (A to Z) dark fiber requirements. When CLEC submits a dark fiber facility inquiry appropriate rates for the inquiry will be charged as outlined in state specific Appendix Pricing.

14.7.2.1 If spare 251(c)(3) UNE Dedicated Transport Dark Fiber is available, as determined under this Agreement, AT&T-12STATE will notify CLEC and CLEC may place an Access Service Request (ASR) for the 251(c)(3) UNE Dedicated Transport Dark Fiber.

14.7.3 251(c)(3) UNE Dedicated Transport Dark Fiber will be assigned to CLEC only when an ASR is processed. ASRs will be processed on a first-come-first-served basis. Inquiry facility checks do not

serve to reserve 251(c)(3) UNE Dedicated Transport Dark Fiber. When CLEC submits the ASR, the ASR will be processed and the 251(c)(3) UNE Dedicated Transport Dark Fiber will be assigned. The charges which will be established as set forth in Appendix Pricing will be applied.

14.8 Right of Revocation of Access to 251(c)(3) UNE Dedicated Transport Dark Fiber

14.8.1 Right of revocation of access to 251(c)(3) UNE Dedicated Transport Dark Fiber is distinguishable from Declassification as defined in Section 2.1 of this Appendix. For clarification purposes, AT&T-12STATE's right of revocation of access under Section 14.9 applies even when the affected 251(c)(3) UNE Dedicated Transport Dark Fiber remain 251(c)(3) UNE(s) subject to unbundling obligations under Section 251(c)(3) of the Act, in which case CLEC's rights to the affected network element may be revoked as provided in this Section 14.8.

14.8.2 Should CLEC not utilize the fiber strand(s) subscribed to within the 12-month period following the date AT&T-12STATE provided the fiber(s), AT&T-12STATE may revoke CLEC's access to the 251(c)(3) UNE Dedicated Transport Dark Fiber and recover those fiber facilities and return them to AT&T-12STATE inventory.

14.8.3 AT&T-12STATE may reclaim from the CLEC the right to use 251(c)(3) UNE Dedicated Transport Dark Fiber, whether or not the 251(c)(3) UNE Dedicated Transport Dark Fiber is being utilized by CLEC, upon twelve (12) months written notice to the CLEC. If the reclaimed 251(c)(3) UNE Dedicated Transport Dark Fiber is not otherwise Declassified during the notice period, AT&T-12STATE will provide an alternative facility for the CLEC with the same bandwidth the CLEC was using prior to reclaiming the facility. AT&T-12STATE must also demonstrate to the CLEC that the 251(c)(3) UNE Dedicated Transport Dark Fiber will be needed to meet AT&T-12STATE's bandwidth requirements within the 12 months following the revocation.

14.9 Access Methods specific to 251(c)(3) UNE Dedicated Transport Dark Fiber

14.9.1 The demarcation point for 251(c)(3) UNE Dedicated Transport Dark Fiber at Central Offices and End User premises will be in an AT&T-12STATE approved splitter shelf. This arrangement allows for non-intrusive testing.

14.9.2 At CO's, 251(c)(3) UNE Dedicated Transport Dark Fiber terminates on a fiber distribution frame, or equivalent in the CO. CLEC access is provided via collocation.

14.10 Installation and Maintenance for 251(c)(3) UNE Dedicated Transport Dark Fiber

14.10.1 AT&T-12STATE will install demarcations and place the fiber jumpers from the fiber optic terminals to the demarcation point. CLEC will run its fiber jumpers from the demarcation point (1x2, 90-10 optical splitter) to the CLEC or End User equipment.

14.11 Dark Fiber Transport Declassification

14.11.1 AT&T-13STATE shall provide CLEC with access to 251(c)(3) UNE Dedicated Transport Dark Fiber, except on routes where both wire centers defining the route are either Tier 1 or Tier 2 Wire Centers. As such AT&T-13STATE must provide 251(c)(3) UNE Dedicated Transport Dark Fiber under this Agreement only if a wire center on either end of the requested route is a Tier 3 Wire Center. If both wire centers defining a requested route are either Tier 1 or Tier 2 Wire Centers, then Dedicated Transport Dark Fiber circuits on such routes are Declassified and no longer available as 251(c)(3) UNEs under this Agreement. Accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering 251(c)(3) UNE Dedicated Transport Dark Fiber on such route(s).

14.11.2 Effect on Embedded Base. Upon Declassification of Dedicated Transport Dark Fiber already purchased by CLEC as 251(c)(3) UNEs under this Agreement, AT&T-13STATE will provide written notice to CLEC of such Declassification, and proceed in accordance with Section 2.6 "Notice and Transition Procedure," and at the end of the 30-day notice period under that Section, provision of

the affected dedicated transport dark fiber to CLEC will be terminated without further obligation of AT&T-12STATE.

14.11.3 Products provided by AT&T-12STATE in conjunction with 251(c)(3) UNE Dedicated Transport Dark Fiber , if any, shall also be subject to termination under this Section 14.11 where such fiber is Declassified.

14.11.4 Reserved for future use.

14.12 Routine Network Modifications – 251(c)(3) UNE Dedicated Transport Dark Fiber

14.12.1 AT&T-12STATE shall make routine network modifications to 251(c)(3) UNE Dedicated Transport Dark Fiber used by requesting Telecommunications Carriers for the provision of Telecommunication Services where the requested 251(c)(3) UNE Dedicated Transport Dark Fiber have already been constructed. AT&T-12STATE shall perform routine network modifications to 251(c)(3) UNE Dedicated Transport Dark Fiber in a nondiscriminatory fashion, without regard to whether the 251(c)(3) UNE Dedicated Transport Dark Fiber being accessed was constructed on behalf, or in accordance with the specifications, of any Telecommunications Carrier.

14.12.2 A routine network modification is an activity that AT&T-12STATE regularly undertakes for its own customers. Routine network modifications do not include the installation of fiber for a requesting Telecommunications Carrier, nor do routine network modifications include the provision of electronics for the purpose of lighting dark fiber (i.e., optronics), and AT&T-12STATE is not obligated to perform those activities for a requesting Telecommunications Carrier.

14.12.3 AT&T-13STATE shall determine whether and how to perform routine network modifications using the same network or outside plant engineering principles that would be applied in providing service to AT&T-13STATE's retail customers.

14.12.4 Notwithstanding anything to the contrary herein, AT&T-13STATE's obligations with respect to routine network modifications apply only where the dark fiber transport transmission facilities are subject to unbundling.

14.12.5 AT&T-12STATE shall provide routine network modifications at the rates, terms and conditions set out in this Appendix (AT&T-12STATE), and in the state specific Appendix Pricing (AT&T-12STATE) or by tariff (AT&T-CONNECTICUT). A rate for any routine network modification shown as "ICB" in Appendix Pricing or the applicable tariff indicates that the Parties have not negotiated, and/or that the State Commission has not reviewed and approved, a specific rate for that routine network modification. The ICB rate shall be determined on an individual case basis and shall reflect an engineering estimate of the actual costs of time and materials required to perform the routine network modification; provided, however, that the ICB rate shall not include any costs already recovered through existing, applicable recurring and non-recurring charges. The resulting ICB rates shall continue to apply to such routine network modifications unless and until the Parties negotiate specific rates for such routine network modifications or specific rates are otherwise established for such routine network modifications.

15. RESERVED

16. 911 or E911 DATABASES

16.1 Access to the AT&T-13STATE 911 or E911 call related databases will be provided as described in the 251(c)(3) 911 and E911 Appendix.

17. OPERATIONS SUPPORT SYSTEMS FUNCTIONS

17.1 Operations Support Systems Functions consist of pre-ordering, ordering, provisioning, maintenance and repair, and billing functions supported by AT&T-13STATE's databases and information. AT&T-13STATE will provide CLEC access to its Operations Support Systems Functions as outlined in Appendix OSS.

18. CROSS CONNECTS

18.1 AT&T-13STATE shall provide Cross Connects under the following terms and conditions in this subsection. AT&T-13STATE shall only be obligated to provide Cross Connects under this Appendix for purposes of permitting CLEC to connect AT&T-13STATE 251(c)(3) UNE(s) to other 251(c)(3) UNE(s) or to CLEC's own facilities.

18.2 The cross connect is the media between the AT&T-7STATE 251(c)(3) UNE and a CLEC designated point of access as described in various sections of this Appendix, or the media between a AT&T-7STATE 251(c)(3) UNE and a Collocation area for the purpose of permitting the CLEC to connect the AT&T-7STATE 251(c)(3) UNE to other 251(c)(3) UNEs or to the CLEC's own facilities. Where AT&T-7STATE has otherwise committed to connect one 251(c)(3) UNE to another 251(c)(3) UNE on behalf of CLEC, or to leave connected one 251(c)(3) UNE to another 251(c)(3) UNE on behalf of CLEC the cross connect is the media between one AT&T-7STATE 251(c)(3) UNE and another AT&T-7STATE 251(c)(3) UNE. Nothing in this section is a commitment to connect or leave connected any two or more 251(c)(3) UNEs.

18.3 AT&T-7STATE will provide cross connects at the rates, terms, and conditions set forth in Appendix Pricing. Pricing for AT&T MIDWEST REGION 5-STATE is provided as set forth in Appendix Pricing. For all other cross-connect pricing for AT&T CONNECTICUT refer to the applicable state tariff.

18.4 The applicable 251(c)(3) UNE Loop cross connects to point of access for the purpose of CLEC combining a AT&T-13STATE 251(c)(3) UNE Loop with another AT&T-13STATE 251(c)(3) UNE are as follows:

18.4.1 2-Wire Analog Loop to 251(c)(3) UNE Connection Methods point of access

18 4.2 4 -Wire Analog Loop to 251(c)(3) UNE Connection Methods point of access

18.4.3 2 -Wire Digital Loop to 251(c)(3) UNE Connection Methods point of access

18.5 Intentionally Left Blank

18.6 The applicable Loop cross connects for the purpose of CLEC connecting a AT&T SOUTHWEST REGION 5-STATE and AT&T NEVADA 251(c)(3) UNE Loop to a CLEC's Collocated facilities are as follows:

18.6.1 2-Wire Analog Loop to Collocation

18.6.2 2-Wire Analog Loop to Collocation (without testing)

18.6.3 4-Wire Analog Loop to Collocation

18.6.4 4-Wire Analog Loop to Collocation (without testing)

18.6.5 2-Wire Digital Loop to Collocation

18.6.6 2-Wire Digital Loop to Collocation (without testing)

18.6.7 4-Wire Digital Loop to Collocation

18.6.8 4-Wire Digital loop to Collocation (without testing)

18.6.9 2-wire DSL Shielded Cross Connect to Collocation

18.6.10 4-wire DSL Shielded Cross Connect to Collocation

18.6.11 2-Wire DSL non-shielded Cross Connect to Collocation

18.6.12 4-Wire DSL non-shielded Cross Connect to Collocation

18.7 The applicable dedicated transport cross connects for the purpose of CLEC connecting an AT&T SOUTHWEST REGION 5-STATE and AT&T NEVADA *d*edicated transport UNE to a CLEC's Collocated facilities are as follows:

18.7.1 DS-1 to Collocation

18.7.2 DS-3 to Collocation

18.8 Intentionally Left Blank

18.9 The applicable cross connects for the purpose of a CLEC connecting a AT&T CALIFORNIA 251(c)(3) UNE Loop, or 251(c)(3) UNE DS1 or DS3 Dedicated Transport to a CLEC's Collocated facility are as follows:

18.9.1 Voice Grade/ISDN EISCC

18.9.2 DS-0 EISCC

18.9.3 DS-1 EISCC

18.9.4 DS-3 EISCC

18.9.5 DSL Shielded Cross Connect to Collocation

18.10 The applicable cross connects for AT&T MIDWEST REGION 5-STATE 251(c)(3) UNE Loop is as follows:

18.10.1 2-Wire Analog

18.10.2 4-Wire Analog

18.10.3 DS-1

18.10.4 DS-3

18.10.5 DS-3 Loop to Collocation

18.10.6 2-Wire Digital

18.10.3 LT1

18.10.4 LT3

18.11 The applicable cross connects for AT&T MIDWEST REGION 5-STATE 251(c)(3) UNE Dedicated Transport are as follows:

18.11.1 DS-1

18.11.2 DS-3

18.12 The applicable 251(c)(3) UNE Loop cross connects to the Adjacent Location Method of Accessing UNEs for the purpose of a CLEC combining a AT&T CALIFORNIA 251(c)(3) UNE Loop with a CLEC's own facilities are as follows:

18.12.1 2-Wire Analog Loop to Adjacent Location Method point of access

18.12.2 4 -Wire Analog Loop to Adjacent Location Method point of access

18.12.3 2 -Wire Digital Loop to Adjacent Location Method point of access

18.12.4 DSL shielded Cross Connect to Adjacent Location point of access

19. PROVISIONING/MAINTENANCE OF 251(C)(3) UNES

19.1 Provisioning of 251(c)(3) UNEs under this Agreement shall be over such routes, technologies, and facilities as AT&T-13STATE may elect at its own discretion. AT&T-13STATE will provide access to 251(c)(3) UNEs where technically feasible. Where facilities and equipment are not available, AT&T-13STATE shall not be required to provide 251(c)(3) UNEs. However, CLEC may request and, to the extent required by law, AT&T-13STATE may agree to provide 251(c)(3) UNEs, through the Bona Fide Request (BFR) process.

19.2 Subject to the terms herein, AT&T-13STATE is responsible only for the installation, operation and maintenance of the 251(c)(3) UNEs it provides. AT&T-13STATE is not otherwise responsible for the Telecommunications Services provided by CLEC through the use of those 251(c)(3) UNEs.

19.3 Where 251(c)(3) UNEs provided to CLEC are dedicated to a single End User, if such 251(c)(3) UNEs are for any reason disconnected they shall be made available to AT&T-13STATE for future provisioning needs, unless such 251(c)(3) UNE is disconnected in error. The CLEC agrees to relinquish control of any such 251(c)(3) UNE concurrent with the disconnection of a CLEC's End User's service.

19.4 CLEC shall make available at mutually agreeable times the 251(c)(3) UNEs provided pursuant to this Appendix in order to permit AT&T-13STATE to test and make adjustments appropriate for maintaining the 251(c)(3) UNEs in satisfactory operating condition. No credit will be allowed for any interruptions involved during such testing and adjustments.

19.5 CLEC's use of any AT&T-13STATE 251(c)(3) UNE, or of its own equipment or facilities in conjunction with any AT&T-13STATE 251(c)(3) UNE, will not materially interfere with or impair service over any facilities of AT&T-13STATE, its affiliated companies or its connecting and concurring carriers involved in its services, cause damage to their plant, impair the privacy of any communications carried over their facilities or create hazards to the employees of any of them or the public. Upon reasonable written notice and opportunity to cure, AT&T-13STATE may discontinue or refuse service if CLEC violates this provision, provided that such termination of service will be limited to CLEC's use of the 251(c)(3) UNE(s) causing the violation.

19.6 When a AT&T-13STATE provided tariffed or resold service is replaced by CLEC's facility-based service using any AT&T-13STATE provided 251(c)(3) UNE(s), CLEC shall issue appropriate service requests, to both disconnect the existing service and order 251(c)(3) UNEs. These requests will be processed by AT&T-13STATE, and CLEC will be charged the applicable UNE service order charge(s), in addition to the recurring and nonrecurring charges for each individual 251(c)(3) UNE and cross connect ordered. Similarly, when an End User is served by one CLEC using AT&T-13STATE provided 251(c)(3) UNEs is converted to a different CLEC's service which also uses any AT&T-13STATE provided 251(c)(3) UNE, the requesting CLEC shall issue appropriate service requests to both disconnect the existing service and connect new service to the requesting CLEC's End User. These requests will be processed by AT&T-13STATE and the CLEC will be charged the applicable service order charge(s), in addition to the recurring and nonrecurring charges for each individual 251(c)(3) UNE and cross connect ordered.

19.7 CLEC shall connect equipment and facilities that are compatible with the AT&T-13STATE 251(c)(3) UNEs, and shall use 251(c)(3) UNEs in accordance with the applicable regulatory standards and requirements referenced in this Agreement.

19.8 CLEC shall not combine or use 251(c)(3) UNEs in a manner that will undermine the ability of other Telecommunications Carriers to obtain access to 251(c)(3) unbundled network elements or to Interconnect with AT&T-13STATE's network.

19.8.1 AT&T-13STATE shall charge the CLEC a Maintenance of Service Charge (MSC) when CLEC reports a suspected failure of a 251(c)(3) UNE and AT&T-13STATE dispatches personnel to the End User's premises or an AT&T-13STATE Central Office and trouble was not caused by AT&T-13STATE's facilities or equipment. Time and materials will include all technicians dispatched, including technicians dispatched to other locations for purposes of testing.

19.9 CLEC shall pay Time and Material charges when AT&T-13STATE dispatches personnel and the trouble is in equipment or communications systems provided by AT&T-13STATE or in detariffed CPE provided by AT&T-13STATE, unless covered under a separate maintenance agreement. If, however, the trouble is found to be an AT&T-13STATE network related problem, CLEC will not be charged for AT&T-13STATE's resolution of the trouble.

19.10 CLEC shall pay Maintenance of Service charges when the trouble clearance did not otherwise require dispatch, but dispatch was requested for repair verification or cooperative testing, and the circuit did not exceed maintenance limits.

19.11 If CLEC issues a trouble report allowing AT&T-13STATE access to End User's premises and AT&T-13STATE personnel are dispatched but denied access to the premises, then Time and Material charges will apply for the period of time that AT&T-13STATE personnel are dispatched. Subsequently, if AT&T-13STATE personnel are allowed access to the premises, these charges will still apply.

19.12 Time and Material charges apply on a first and additional basis for each half-hour or fraction thereof. If more than one technician is dispatched in conjunction with the same trouble report, the total time for all technicians dispatched will be aggregated prior to the distribution of time between the "First Half Hour or Fraction Thereof" and "Each Additional Half Hour or Fraction Thereof" rate categories. Basic Time is work-related efforts of AT&T-13STATE performed during normally scheduled working hours on a normally scheduled workday. Overtime is work-related efforts of AT&T-13STATE performed on a normally scheduled workday, but outside of normally scheduled working hours. Premium Time is work related efforts of AT&T-13STATE performed other than on a normally scheduled workday.

19.12.1 If CLEC requests or approves an AT&T-13STATE technician to perform services in excess of or not otherwise contemplated by the nonrecurring charges herein, CLEC will pay Time and Material charges for any additional work to perform such services, including requests for installation or other work outside of normally scheduled working hours.

19.13 Maintenance of Elements

19.13.1 If trouble occurs with 251(c)(3) UNEs provided by AT&T-13STATE, CLEC will first determine whether the trouble is in CLEC's own equipment and/or facilities or those of the End User. If CLEC determines the trouble is in AT&T-13STATE's equipment and/or facilities, CLEC will issue a trouble report to AT&T-13STATE.

19.13.2 CLEC shall pay Time and Material charges (maintenance of service charges/additional labor charges) when CLEC reports a suspected failure of a 251(c)(3) UNE and AT&T-13STATE dispatches personnel to the End User's premises or an AT&T-13STATE Central Office and trouble was not caused by AT&T-13STATE's facilities or equipment. Time and Material charges will include all technicians dispatched, including technicians dispatched to other locations for purposes of testing.

20. RESERVED

APPENDIX WHITE PAGES

TABLE OF CONTENTS

1. INTRODUCTION 3
2. SERVICE PROVIDED 4
3. USE OF SUBSCRIBER LISTING INFORMATION 6
4. PRICING 7
5. LIABILITY 7
6. BREACH OF CONTRACT 7

APPENDIX WHITE PAGES
(WHITE PAGES DIRECTORY)

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions that shall apply to switched-based CLECs or CLECs leasing 251(c)(3) unbundled switched ports for End User Listings in White Page directories provided by the applicable AT&T Inc. (AT&T) owned Incumbent Local Exchange Carrier (ILEC) and CLEC.

1.2 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, L.P. 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.

1.3 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.

1.4 AT&T-4STATE - As used herein, AT&T-4STATE means Southwestern Bell Telephone, L.P. 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.

1.5 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.

1.6 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.

1.7 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.

1.8 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.

1.9 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.

1.10 AT&T ARKANSAS - As used herein, AT&T ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Arkansas, the applicable AT&T-owned ILEC doing business in Arkansas.

1.11 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.

1.12 AT&T CONNECTICUT - As used herein, AT&T CONNECTICUT means The Southern New England Telephone Company d/b/a AT&T Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.13 AT&T KANSAS - As used herein, AT&T KANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Kansas, the applicable AT&T-owned ILEC doing business in Kansas.

1.14 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.

1.15 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.

1.16 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 doing business in Michigan.

1.17 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.

1.18 AT&T MISSOURI - As used herein, AT&T MISSOURI means Southwestern Bell Telephone, L.P. d/b/a AT&T Missouri, the applicable AT&T-owned ILEC doing business in Missouri.

1.19 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.

1.20 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.

1.21 AT&T OKLAHOMA - As used herein, AT&T OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a AT&T Oklahoma, the applicable AT&T-owned ILEC doing business in Oklahoma.

1.22 AT&T SOUTHWEST REGION 5-STATE - As used herein, AT&T SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone, L.P. 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.

1.23 AT&T TEXAS – As used herein, AT&T TEXAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Texas, the applicable AT&T-owned ILEC doing business in Texas.

1.24 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. SERVICE PROVIDED

2.1 AT&T-13STATE publishes alphabetical White Pages directories for its geographic local service areas. CLEC provides local exchange telephone service in the same area(s) and CLEC wishes to include listing information for its End Users in the appropriate AT&T-13STATE White Pages directories.

2.2 CLEC also desires distribution to its End Users of the White Pages directories that include listings of CLEC's End Users.

2.3 AT&T-13STATE will make available to CLEC, for CLEC End Users, non discriminatory access to White Pages directory listings, as described in Section 2 of this Attachment.

2.4 Subject to AT&T-13STATE's practices, as well as the rules and regulations applicable to the provision of White Pages directories, AT&T-13STATE will include in appropriate White Pages directories the primary alphabetical listings of all CLEC End Users located within the local directory scope. The rules, regulations and AT&T-13STATE practices are subject to change from time to time. When CLEC provides its subscriber listing information to AT&T-13STATE listings database, CLEC will receive for its End User, one primary listing in AT&T-13STATE White Pages directory and a listing in AT&T-13STATE's directory assistance database.

2.4.1 Where a CLEC End User requires foreign, enhanced or other listings in addition to the primary listing to appear in the White Pages directory, AT&T-13STATE will assess CLEC a monthly charge for

such listings at AT&T-13STATE tariff rates. An additional monthly charge at AT&T-13STATE's tariff rate applies when CLEC wishes to list an End User in AT&T-13STATE's Directory Assistance database but does not wish to have its End User listed in AT&T-13STATE's White Pages directory. In addition, CLEC may elect to have its End User unlisted and the listing not published in AT&T-13STATE's White Pages directory for a monthly charge at AT&T-13STATE's tariff rate for those non-published, non-listed services.

2.4.1.1 In AT&T SOUTHWEST REGION 5-STATE switch-based CLECs are billed at the retail tariff rate for a twelve (12) month period at the time the directory is published for additional, foreign, and enhanced listings, as well as Non-Published service. CLECs will be notified via Accessible Letter should the billing process change.

2.5 CLEC shall furnish to AT&T-13STATE, in a form acceptable to both Parties, subscriber listing information pertaining to CLEC End Users located within the local directory scope, along with such additional information as AT&T-13STATE may require to prepare and print the alphabetical listings of said directory.

2.6 CLEC will provide accurate subscriber listing information of its subscribers to AT&T-13STATE via a mechanical or manual feed of the directory listing information to AT&T-13STATE's Directory Listing database. CLEC agrees to submit all listing information via a mechanized process within six (6) months of the effective date of this Appendix, or upon CLEC reaching a volume of two hundred listing updates per day, whichever comes first.. CLECs' subscriber listings will be interfiled (interspersed) in the directory among AT&T-13STATE's subscriber listing information. CLEC shall furnish to AT&T-13STATE, in a form acceptable to both Parties, subscriber listing information pertaining to CLEC End Users located within the local directory scope, along with such additional information as AT&T-13STATE may require to prepare and print the alphabetical listings of said directory. See CLEC Online web site for methods, procedures, and ordering information. CLEC will submit listing information within three (3) Business Days of installation, disconnection or other change in service (including change of non-listed or non-published status) affecting the Directory Assistance database or the directory listing of a CLEC End User . CLEC must submit all listing information intended for publication by the directory close date.

2.6.1 Upon CLEC request, sixty (60) calendar days prior to the directory close date for a particular directory, AT&T-8STATE shall make available to CLEC, via the applicable electronic listing verification tool, its subscriber listings as such listings are to appear in the directory. CLEC shall review this listing information and shall submit to AT&T-8STATE any necessary additions, deletions or modifications at least thirty (30) calendar days prior to the directory close date.

2.6.2 Upon CLEC request, sixty (60) calendar days prior to the directory close date for particular directory, AT&T MIDWEST REGION 5-STATE shall make available to CLEC forty-five (45) calendar days prior to directory close date for that directory, either electronically or manually, at CLEC's election, its subscriber listings as such listings are to appear in the directory. CLEC shall review this listing information and shall submit to AT&T MIDWEST REGION 5-STATE any necessary additions, deletions or modifications prior to the directory close date.

2.7 Directories

2.7.1 In AT&T-8STATE, each CLEC subscriber will receive one copy per primary End User listing, as provided by CLEC, of AT&T-8STATE's White Pages directory in the same manner and at the same time that they are delivered to AT&T-8STATE's subscribers during the annual delivery of newly published directories.

2.7.1.1 AT&T-7STATE has no obligation to provide any additional White Page directories above the directories provided to CLEC End Users after each annual distribution of newly published White Pages.

2.7.1.2 AT&T CONNECTICUT White Page directories will be provided in accordance to state and/or local regulations and orders governing White Page directory distribution.

2.7.2 AT&T MIDWEST REGION 5-STATE shall direct its directory publishing affiliate to offer delivery of newly published White Pages directories to CLECs' End Users pursuant to terms and conditions agreed to by the publishing affiliate and CLEC.

2.7.3 AT&T-13STATE shall not be required to deliver a directory to a CLEC End User until new White Page directories are published for that End User's location.

2.7.4 CLEC may arrange for additional directory distribution and other services with AT&T-13STATE's directory publishing affiliate pursuant to terms and conditions agreed to by the publishing affiliate and CLEC.

2.8 AT&T-8STATE will provide CLEC with 1/8th page in each directory (where the CLEC has or plans to have local telephone exchange customers) for the CLEC to include CLEC specific-information (i.e., business office, residence office, repair bureau, etc.) in the White Pages directory on an "index-type" informational page. No advertising will be permitted on such informational page. This page will also include specific information pertaining to other CLECs. At its option, no less than sixty (60) days prior to the directory close date, CLEC shall provide AT&T-8STATE with its logo and information in the form of a camera-ready copy, sized at 1/8th of a page. The content of CLEC's camera-ready copy shall be subject to AT&T-8STATE approval. In those directories in which AT&T-8STATE includes Spanish Customer Guide Pages, this informational page will also be provided in Spanish at CLEC's request, subject to the guidelines set forth above.

2.8.1 AT&T MIDWEST REGION 5-STATE shall direct its directory publishing affiliate to offer CLEC the opportunity to include in the "Information Pages", or comparable section of its White Pages directories (covering the territory where CLEC is certified to provide local service), information provided by CLEC for CLEC's installation, repair, customer service and local sales office information and, where required by regulatory bodies, payment address. Such information shall appear in the same manner as such information appears for AT&T MIDWEST REGION 5-STATE and other LECs. AT&T MIDWEST REGION 5-STATE's directory publishing will include such CLEC information in the "Information Pages" pursuant to terms and conditions agreed to by the publishing affiliate and CLEC and will administer the charges, if any, for the inclusion of such information, which will be calculated on the same basis as the charges, if any, charged to AT&T MIDWEST REGION 5-STATE.

2.9 At its request, CLEC may purchase one (1) one-sided "Informational Page" in the informational section of the White Pages directory covering a geographic area, pursuant to Section 2.1 of this Appendix, where CLEC provides local Telecommunications Exchange Service. Such page shall be no different in style, size, color and format than AT&T SOUTHWEST REGION 5-STATE "Informational Pages". Sixty (60) calendar days prior to the directory close date, the CLEC shall provide to AT&T SOUTHWEST REGION 5-STATE the "Informational Page" in the form of camera-ready copy.

3. USE OF SUBSCRIBER LISTING INFORMATION

3.1 AT&T-13STATE agrees to serve as the single point of contact for all independent and Third Party directory publishers who seek to include CLEC's subscriber listing information in an area directory, and to handle the CLEC's subscriber listing information in the same manner as AT&T-13STATE's subscriber listing information. In exchange for AT&T-13STATE serving as the single point of contact and handling all subscriber listing information equally, CLEC authorizes AT&T-13STATE to include and use the CLEC subscriber listing information provided to AT&T-13STATE pursuant to this Appendix in AT&T-13STATE's White Pages directory, AT&T-13STATE's directory assistance databases, and to provide CLEC subscriber listing information to directory publishers. Included in this authorization is release of CLEC listings to requesting competing carriers as required by Section 271(c)(2)(B)(vii)(II) and Section 251(b)(3) and any applicable state regulations and orders. Also included in this authorization is AT&T-13STATE's use of CLEC's subscriber listing information in AT&T-13STATE's directory assistance, directory assistance related products and services, and directory publishing products and services.

3.2 AT&T-13STATE further agrees not to charge CLEC for serving as the single point of contact with independent and Third Party directory publishers, no matter what number or type of requests are fielded. In exchange for the handling of CLEC Name 's subscriber list information to directory publishers, CLEC agrees that it will receive no compensation for AT&T-13STATE's receipt of the subscriber list information or for the subsequent release of this information to directory publishers. Such CLEC subscriber list information shall be intermingled with AT&T-13STATE's subscriber list information and the subscriber list information of other companies that have authorized a similar release of their subscriber list information by AT&T-13STATE.

4. PRICING

4.1 AT&T-7STATE will deliver one copy per primary End User listing of AT&T-7STATE White Pages, as described in Section 2.7 above, at no charge. AT&T-7STATE has no obligation to warehouse White Pages directories for CLEC or provide White Pages directories to CLEC's End Users subsequent to the annual distribution of newly published directories.

4.1.1 The rates, if any, for AT&T CONNECTICUT White Pages directories will be in accordance to any applicable tariffs, state and/or local regulations or orders governing the rates for White Pages directories.

4.1.2 AT&T MIDWEST REGION 5-STATE - The rates, if any, for AT&T MIDWEST REGION 5-STATE White Page directories will be in accordance with a separate directory services agreement with AT&T MIDWEST REGION 5-STATE's directory publishing affiliate.

5. LIABILITY

5.1 CLEC hereby releases AT&T-13STATE from any and all liability for damages due to errors or omissions in CLEC's subscriber listing information as provided to AT&T-13STATE under this Appendix, and/or CLEC's subscriber listing information as it appears in the White Pages directory, including, but not limited to, special, indirect, consequential, punitive or incidental damages.

5.2 CLEC shall indemnify, protect, save harmless and defend AT&T-13STATE (and/or AT&T-13STATE's officers, employees, agents, assigns and representatives) from and against any and all losses, liability, damages and expense arising out of any demand, claim, suit or judgment by a Third Party in any way related to any error or omission in CLEC's subscriber listing information, including any error or omission related to non-published or non-listed subscriber listing information. CLEC shall so indemnify regardless of whether the demand, claim or suit by the Third Party is brought jointly against CLEC and AT&T-13STATE, and/or against AT&T-13STATE alone. However, if such demand, claim or suit specifically alleges that an error or omission appears in CLEC's subscriber listing information in the White Pages directory, AT&T-13STATE may, at its option, assume and undertake its own defense, or assist in the defense of the CLEC, in which event the CLEC shall reimburse AT&T-13STATE for reasonable attorney's fees and other expenses incurred by AT&T-13STATE in handling and defending such demand, claim and/or suit.

5.3 CLEC further agrees to pay all reasonable costs incurred by AT&T-13STATE and/or its affiliates as a result of CLEC not complying with the terms of this Appendix.

5.4 This Appendix shall not establish, be interpreted as establishing, or be used by either Party to establish or to represent their relationship as any form of agency, partnership or joint venture. Neither Party shall have any authority to bind the other nor to act as an agent for the other unless written authority, separate from this Appendix, is provided. Nothing in the Appendix shall be construed as providing for the sharing of profits or losses arising out of the efforts of either or both of the Parties. Nothing herein shall be construed as making either Party responsible or liable for the obligations and undertakings of the other Party.

6. BREACH OF CONTRACT

6.1 If either Party is found to have materially breached this Appendix, the non-breaching Party may terminate the Appendix by providing written notice to the breaching Party, whereupon this Appendix shall be null and

void with respect to any issue of AT&T-13STATE's White Pages directory published sixty (60) or more calendar days after the date of receipt of such written notice.

APPENDIX CH

TABLE OF CONTENTS

1. INTRODUCTION 3
2. CLEARINGHOUSE DESCRIPTION 4
3. QUALIFYING MESSAGE CRITERIA 4
4. RESPONSIBILITIES OF THE PARTIES 5
5. PROCESSING CHARGE 5
6. BILLING CHARGE 5
7. SETTLEMENT REPORT 5
8. RETROACTIVE AND LOST MESSAGES 6
9. LIMITATION OF LIABILITY 6
10. DISCLAIMER OF WARRANTIES 6

APPENDIX CLEARINGHOUSE (CH)

1. INTRODUCTION

1.1 This Appendix sets forth the rates, terms, and conditions, which are made available for CLECs by AT&T-12STATE to participate in the Clearinghouse (CH).

1.2 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, L.P. 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.

1.3 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.

1.4 AT&T-4STATE - As used herein, AT&T-4STATE means Southwestern Bell Telephone, L.P. 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.

1.5 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.

1.6 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.

1.7 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.

1.8 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.

1.9 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.

1.10 AT&T ARKANSAS - As used herein, AT&T ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Arkansas, the applicable AT&T-owned ILEC doing business in Arkansas.

1.11 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.

1.12 AT&T CONNECTICUT - As used herein, AT&T CONNECTICUT means The Southern New England Telephone Company d/b/a AT&T Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.13 AT&T KANSAS - As used herein, AT&T KANSAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Kansas, the applicable AT&T-owned ILEC doing business in Kansas.

1.14 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.

1.15 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.

1.16 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 doing business in Michigan.

1.17 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.

1.18 AT&T MISSOURI - As used herein, AT&T MISSOURI means Southwestern Bell Telephone, L.P. d/b/a AT&T Missouri, the applicable AT&T-owned ILEC doing business in Missouri.

1.19 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.

1.20 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.

1.21 AT&T OKLAHOMA - As used herein, AT&T OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a AT&T Oklahoma, the applicable AT&T-owned ILEC doing business in Oklahoma.

1.22 AT&T SOUTHWEST REGION 5-STATE - As used herein, AT&T SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone, L.P. 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.

1.23 AT&T TEXAS – As used herein, AT&T TEXAS means Southwestern Bell Telephone, L.P. d/b/a AT&T Texas, the applicable AT&T-owned ILEC doing business in Texas.

1.24 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.

1.25 In AT&T MIDWEST REGION 5-STATE, the exchange of certain alternately billed intrastate intraLATA message toll call records and the reporting of appropriate settlement revenues owed by and among participating LECs, CLECs, and AT&T MIDWEST REGION 5-STATE is facilitated via the existing LEC Settlement process in each state.

1.26 In AT&T-2STATE, the exchange of certain alternately billed intrastate intraLATA message toll call records and the reporting of appropriate settlement revenues owed by and among participating LECs, CLECs and AT&T-2STATE is facilitated via the Message Exchange Appendix.

1.27 The exchange of certain alternately billed intrastate intraLATA message toll call records and the reporting of appropriate settlement revenues owed by and among participating LECs, CLECs and AT&T CONNECTICUT, is technically infeasible in AT&T CONNECTICUT.

2. CLEARINGHOUSE DESCRIPTION

2.1 AT&T SOUTHWEST REGION 5-STATE operates a CH for the purpose of facilitating the exchange of certain alternatively billed intrastate intraLATA message toll call records and the reporting of settlement revenues owed by and among participating LECs and CLECs, including AT&T SOUTHWEST REGION 5-STATE and CLEC.

3. QUALIFYING MESSAGE CRITERIA

3.1 The only toll call messages that qualify for submission to AT&T SOUTHWEST REGION 5-STATE for CH processing are: (a) intrastate intraLATA sent collect (including calling card, collect and third number) messages which are originated in one LEC or CLEC exchange, exclusively carried by a LEC or CLEC over

LEC or CLEC facilities and billed to a customer located in a second LEC's or CLEC exchange within the same state; or (b) intrastate intraLATA sent collect (but limited to calling card and third number) messages originated in one of AT&T SOUTHWEST REGION 5-STATE's operating areas (located in parts of Texas, Arkansas, Kansas, Missouri or Oklahoma), exclusively carried by a LEC or CLEC over LEC or CLEC facilities, and billed to a customer located in a second LEC's or CLEC exchange and not in the originating State.

4. RESPONSIBILITIES OF THE PARTIES

4.1 CLEC agrees that it will provide AT&T SOUTHWEST REGION 5-STATE with billing records for CH processing that are in an industry standard format acceptable to AT&T SOUTHWEST REGION 5-STATE and at a minimum will display the telephone number of the end user to whom the call is to be billed, and data about the call sufficient for a carrier to comply with all applicable state regulatory requirements. For purposes of this Attachment, these records ("CH Records") will detail intraLATA toll calls which were originated by use of the single digit access code (i.e., 0+ and 0-) in one LEC or CLEC exchange but are to be billed to an end user in a second LEC's or CLEC exchange. Such records are referred to as category ninety-two (92) records for CH processing purposes. The term "CH Record" will mean the call detail attributed to a single completed toll message.

4.2 CLEC agrees that all CH Records it generates will display indicators denoting whether category ninety-two (92) Records should be forwarded to AT&T SOUTHWEST REGION 5-STATE's CH. CLEC will retain its originating records for ninety (90) days such that the category ninety-two (92) Records can be retransmitted to AT&T SOUTHWEST REGION 5-STATE for CH processing, if needed.

4.3 AT&T SOUTHWEST REGION 5-STATE will provide and maintain such systems as it believes are required to furnish the CH service described herein. AT&T SOUTHWEST REGION 5-STATE, in its capacity as operator of the CH, agrees to retain all CH Records processed through the CH for two (2) years.

4.4 CLEC will timely furnish to AT&T SOUTHWEST REGION 5-STATE all CH Records required by AT&T SOUTHWEST REGION 5-STATE to provide the CH service in accordance with the Technical Exhibit Settlement Procedures (TESP) dated DD/MM/YEAR, or as otherwise mutually agreed upon by the Parties. AT&T SOUTHWEST REGION 5-STATE will provide the CH service in accordance with the TESP, and such modifications as are subsequently agreed upon.

4.5 Presently, in operating the CH, AT&T SOUTHWEST REGION 5-STATE relies upon NXX codes to identify messages for transmission to participating billing companies. To the extent any subprocesses are required to settle CH messages due to the use of ported numbers, such subprocessing will be the responsibility of the porting entity.

5. PROCESSING CHARGE

5.1 CLEC agrees to pay AT&T SOUTHWEST REGION 5-STATE a processing charge in consideration of AT&T SOUTHWEST REGION 5-STATE's performance of CH services. This charge is located in Appendix Pricing under “Other” listed as CH Processing Charge.

6. BILLING CHARGE

6.1 CLEC agrees to pay a per message charge to the LEC or CLEC responsible for billing the message, including AT&T SOUTHWEST REGION 5-STATE, when AT&T SOUTHWEST REGION 5-STATE bills the message. This charge is located in Appendix Pricing under “Other” listed as Billing Charge.

7. SETTLEMENT REPORT

7.1 AT&T SOUTHWEST REGION 5-STATE will issue monthly reports containing the results of the processing of CH Records to each participating LEC and CLEC. These reports list the: (a) amounts owed by CLEC for billing messages originated by others; (b) amounts due to CLEC for CLEC originated messages billed by others; (c) applicable billing charges; and (d) processing charges.

8. RETROACTIVE AND LOST MESSAGES

8.1 The Parties agree that processing of retroactive messages through the CH is acceptable, if such messages utilize the industry standard format for call records, pursuant to Section III of this Attachment. The Parties agree that lost messages are the complete responsibility of the originating LEC or CLEC. If messages are lost by any Party, and cannot be recreated or retransmitted, the originating LEC or CLEC will estimate messages, minutes, and associated revenues based on the best available data. No estimate will be made for messages, which are more than two years old at the time the estimate is made. The estimates will be off-line calculations (i.e., not part of the routine CH processing) and will be included as a supplement to the monthly settlement report.

9. LIMITATION OF LIABILITY

9.1 By agreeing to operate the CH, AT&T SOUTHWEST REGION 5-STATE assumes no liability for any LEC's or CLEC's receipt of appropriate revenues due to it from any other entity. CLEC agrees that AT&T SOUTHWEST REGION 5-STATE will not be liable to it for damages (including, but not limited to, lost profits and exemplary damages) which may be owed to it as a result of any inaccurate or insufficient information resulting from any entity's, other than AT&T SOUTHWEST REGION 5-STATE's actions, omissions, mistakes, or negligence and upon which AT&T SOUTHWEST REGION 5-STATE may have relied in preparing settlement reports or performing any other act under this Attachment.

9.2 CLEC agrees to indemnify and hold AT&T SOUTHWEST REGION 5-STATE harmless against and with respect to any and all third party claims, demands, liabilities or court actions arising from any of its actions, omissions, mistakes or negligence occurring during the course of AT&T SOUTHWEST REGION 5-STATE's performance of CH processing pursuant to this Attachment.

9.3 AT&T SOUTHWEST REGION 5-STATE will not be liable for any losses or damages arising out of errors, interruptions, defects, failures, or malfunction of the CH services provided pursuant to this Attachment, including those arising from associated equipment and data processing systems, except such losses or damages caused by the sole negligence of AT&T SOUTHWEST REGION 5-STATE. Any losses or damage for which AT&T SOUTHWEST REGION 5-STATE is held liable under this Attachment will in no event exceed the amount of processing charges incurred by CLEC for the CH services provided and paid to AT&T SOUTHWEST REGION 5-STATE and/or the LEC or CLEC responsible for billing the message hereunder during the period beginning at the of the error, interruption, defect, failure or malfunction, through the time service is restored.

10. DISCLAIMER OF WARRANTIES

10.1 AT&T SOUTHWEST REGION 5-STATE makes no representations or warranties, express or implied, including but not limited to any warranty as to merchantability or fitness for intended or particular purpose with respect to services provided hereunder. Additionally, AT&T SOUTHWEST REGION 5-STATE assumes no responsibility with regard to the correctness of the data supplied by CLEC when this data is accessed and used by a third party.

XDSL AND LINE SPLITTING APPENDIX TO INTERCONNECTION AGREEMENT

xDSL Loops and xDSL Subloops and Line Splitting: AT&T-12STATE will make available xDSL loops and xDSL subloops for the provision of xDSL-based services, and xDSL loops for purposes of line splitting, in accordance with the FCC's *Triennial Review Order* and associated lawful and effective implementing rules, 47 C.F.R. §51.319(a)(1)(i)-(iv) and (b)(1), as such rules may be modified from time to time.

1.0 General:

1.1 Deployment of xDSL Technologies: AT&T-12STATE will provide xDSL loops and xDSL subloops for CLEC to deploy xDSL technologies presumed acceptable for deployment or non-standard xDSL technologies as defined in this Agreement and as provided for under the applicable lawful and effective FCC rules, 47 C.F.R. §51.230, as such rule may be modified from time to time.

1.2 AT&T-12STATE will not guarantee that an xDSL loop or xDSL subloop ordered by CLEC will perform as desired by CLEC for xDSL-based services, but will guarantee that loops will be provisioned to meet basic metallic loop parameters, including continuity and pair balance. CLEC shall designate on its LSR, at CLEC's sole option, what loop conditioning AT&T-12STATE is to perform in provisioning the order.

2.0 Loop Makeup Information and Ordering: AT&T-12STATE will provide CLEC with nondiscriminatory access to its loop makeup information set forth originally in AT&T-12STATE's Advanced Service OSS Plan of Record via: (i) a mechanized loop qualification for real-time access to data available electronically in AT&T-12STATE's databases; or (ii) manual loop qualification for information not available electronically (which will carry an interval of 3-5 business days or the interval provided to AT&T-12STATE's advanced services affiliate). CLEC will be given nondiscriminatory access to the same loop makeup information that AT&T-12STATE is providing to any other CLEC, AT&T-12STATE's retail operations and/or its advanced services affiliate. AT&T-12STATE's uniform GUI and application to application OSS interfaces allow CLEC, AT&T-12STATE's retail operations and/or its advanced services affiliate, to have real time electronic access as a preordering function to the loop makeup information.

3.0 Provisioning Intervals: AT&T-12STATE's provisioning intervals per order per end-user location shall be the intervals set forth below or the associated interval applicable to AT&T-12STATE's advanced services affiliate, whichever is less.

3.1 Where no conditioning or outside plant rearrangements necessary:

3.1.1 xDSL Loops (i.e., 2-wire xDSL Loop, 4-wire xDSL Loop and IDSL Loop – collectively xDSL Loops): five (5) business days. xDSL Subloops shall have the same provisioning interval as the xDSL Loops following completion of the Subloop Access Arrangement (SAA).

3.1.2 With conditioning or outside plant rearrangements - xDSL Loops: ten (10) business days. xDSL Subloops shall have the same provisioning interval following completion of the SAA.

4.0 Loop Conditioning:

4.1 AT&T-12STATE will condition xDSL loops and xDSL subloops in accordance with the lawful and effective requirements of 47 C.F.R. §51.319(a)(1)(iii); provided, however: (i) If load coils, repeaters or Excessive Bridged Tap are present on a loop less than 12,000 feet in actual loop length, conditioning to remove these elements will be performed without request and at no charge to CLEC; (ii) if the loop qualification indicates conditioning is available on a loop that is 12,000 feet in actual loop length or greater, CLEC may request that no conditioning be performed or that AT&T-12STATE perform some or

all of the available loop conditioning to remove Excessive Bridged Tap, load coils and/or repeaters at the rates set forth in Appendix Pricing.

4.2 Removal of All or Non-Excessive Bridged Tap ("RABT"):

4.2.1 CLEC may request RABT conditioning via a trouble ticket after its service order for the xDSL Loop or xDSL Subloop has been completed; provided, however, CLEC shall assist in trouble isolation for RABT-related initial trouble tickets by obtaining and providing to AT&T-12STATE interferer information on the loop at the time of opening the trouble ticket. CLEC should utilize its testing equipment to determine the following: the number and location of load coil(s), repeater(s) and bridged tap(s), including the length of individual sections. If an RABT trouble ticket is opened, and it is later determined by AT&T-12STATE that the requested conditioning is not available because no such bridged tap was on the loop, the trouble ticket will be closed as a 'No Trouble Found' (NTF) and CLEC shall pay the Maintenance of Service charges referenced in Section 7.2 below.

4.2.2 CLEC may open an RABT trouble ticket via one of the following two methods: (i) by calling the LOC and opening a manual ticket with its specific RABT conditioning request; or (ii) by opening an electronic bonding ticket and in such case, shall identify its specific RABT conditioning request in the remarks field. If the specific RABT conditioning request is not documented on the CLEC trouble ticket, the trouble ticket will be returned to CLEC for specific information. Upon CLEC's request, the LOC will also investigate and address any AT&T-12STATE non-conditioning related reasons for any No Sync situation, or ensure CLEC's RABT request is appropriate by verifying the subject bridged tap is located on the loop, but AT&T-12STATE does not guarantee the synchronization of any loop. AT&T-12STATE In either case, when Excessive Bridged Tap is present on the loop, CLEC may request the removal of All Bridged Tap; and when Excessive Bridged Tap is not present on the loop, the removal of Non-Excessive Bridged Tap. If and when All Bridged Tap has been removed, any future trouble tickets concerning bridged tap will require a vendor meet with the AT&T-12STATE LOC. AT&T-12STATE LOC will notify CLEC as soon as the trouble is closed, whether conditioning has been performed or not. In those instances where AT&T-12STATE removes All or Non-Excessive Bridged Tap upon receipt of an RABT trouble ticket from CLEC under the provisions set forth herein, CLEC shall pay the applicable RABT conditioning charges set forth in Appendix Pricing for such conditioning work.

4.2.3 A trouble ticket opened by CLEC for RABT conditioning will be assigned a zero plus five (0+ 5) business day interval or in parity with the repair intervals AT&T-12STATE provides to its advanced services affiliate. When AT&T-12STATE determines it is not possible to perform RABT e.g., in those situations in which (i) municipalities will not grant rights of way to certain areas; or (ii) there are other issues associated with access to the subject facilities; or (iii) events, actions or circumstances exist or arise that are outside the sole control of AT&T-12STATE, AT&T-12STATE has no obligation to perform such conditioning.

4.2.4 To the extent that CLEC would like the option to request that a loop be conditioned by AT&T-12STATE to remove any device other than Excessive Bridged Taps, load coils and/or repeaters, or Non-excessive or All Bridged Tap, to make a loop xDSL capable, the Parties shall first meet to negotiate rates, terms and conditions for any such conditioning. In the event the loop over which the end-user is being provided xDSL-based service should require conditioning during non-working hours, the due date may be adjusted consistent with the end-user's release of the voice grade circuit and the Maintenance of Service charges referenced in Section 7.2 below shall apply for the time devoted by AT&T-12STATE to perform the requested conditioning during non-working hours, in addition to the loop conditioning rates set forth in Appendix Pricing for the actual loop conditioning work performed.

4.3 Maintenance, Repair and Testing: AT&T-12STATE shall provide Maintenance Repair and Testing in accordance with the lawful and effective requirements of 47 C.F.R. §51.319(a)(1)(iv).

4.3.1 Maintenance Scope: AT&T-12STATE's maintenance shall be as follows: (i) for loops 12,000 feet or less: AT&T-12STATE maintenance shall be limited to assuring loop continuity and balance and verification that the loop was (or is) conditioned as described in Section 4.1 above; (ii) for loops greater than 12,000 feet for which CLEC elected that AT&T-12STATE not perform any conditioning, AT&T-12STATE maintenance shall be limited to assuring loop continuity and balance. For loops greater than 12,000 for which CLEC requested that AT&T-12STATE perform some or all of the available conditioning, AT&T-12STATE will verify continuity, the completion of all requested conditioning and will repair at no charge to CLEC any gross defects which would be unacceptable for POTS and which do not result from the loop's modified design. AT&T-12STATE will resolve CLEC-referred trouble tickets in parity with the repair intervals AT&T-12STATE provides its advanced services affiliate.

4.3.2 CLEC Submitted Trouble Ticket: If CLEC submits a trouble ticket to AT&T-12STATE and the problem is determined by AT&T-12STATE to be in CLEC's network, data equipment or splitter, CLEC shall pay AT&T-12STATE, following AT&T-12STATE closing the trouble ticket, the Maintenance of Service charges referenced in Section 7.2 below. In any such case, when CLEC resolves the trouble condition in its network, data equipment or splitter, CLEC will contact AT&T-12STATE to advise that the trouble has been resolved.

4.3.3 Line and Station Transfer ("LST"): For a loop currently in service where trouble ticket resolution has identified that Excessive Bridged Tap(s), load coil(s) and/or repeater(s) are on the loop and transferring to a new loop is a solution identified by AT&T-12STATE to resolve a trouble, AT&T-12STATE, at its sole option, may perform an LST to resolve the identified trouble. In the event that a request for conditioning is received from the CLEC on a loop currently in service and AT&T-12STATE determines that an LST can be performed, the AT&T-12STATE LOC will contact CLEC to inform it of the decision to perform an LST in lieu of CLEC's requested conditioning. In such case, the charge for the LST set forth in Appendix Pricing shall apply in lieu of any loop conditioning charges which would have applied had the requested conditioning been performed. If, however, the LST does not resolve the reported trouble and the trouble is determined to be an AT&T-12STATE network-related problem, then CLEC will not be charged the LST rate or for AT&T-12STATE's resolution of the trouble. If, however, the trouble is found not to be an AT&T-12STATE network-related problem, then CLEC shall pay the Maintenance of Service charges referenced in Section 7.2 below, in addition to the applicable LST charge.

5.0 Spectrum Management: The Parties shall comply with the FCC's lawful and effective spectrum management rules, 47 C.F.R. §51.231-233, as such rules may be modified from time to time. CLEC will advise AT&T-12STATE on the ordering form of the Power Spectral Density ("PSD") mask approved or proposed by T1.E1 that reflects the service performance parameters of the technology that CLEC intends to provision, and CLEC will notify AT&T-12STATE if and when a change in PSD mask is made. AT&T-12STATE shall use such PSD information solely for inventory and spectrum management purposes and in all cases, will manage the spectrum and differing xDSL services in a competitively neutral manner consistent with all relevant industry standards. AT&T-12STATE shall not deny CLEC a loop based upon spectrum management issues in the absence of FCC or Commission approval. In the event that the FCC or the industry establishes long-term standards, practices and policies relating to spectrum compatibility and management that differ from those referenced in this Agreement, the Parties shall comply with such standards, practices and policies and will establish a mutually agreeable transition plan and timeframe for implementation; provided, however, if AT&T-12STATE and/or CLEC is providing xDSL technologies for which there was previously no standard, then that Party must begin the process of bringing its deployed xDSL technology(ies) and equipment into compliance with such standards at its own expense within thirty (30) days after general availability.

6.0 Splitters: CLEC shall own and have sole responsibility to forecast, purchase, install, inventory, provision and maintain splitters for purposes of line splitting hereunder and shall collocate such splitters in accordance with the collocation provisions set forth elsewhere in this Agreement or as set forth in the applicable Commission-ordered tariff, as applicable, and consistent with AT&T-12STATE's standard collocation practices and procedures. With respect to any CLEC physical collocation arrangement in which a CLEC splitter is located, CLEC will have test access to the line side of its splitter (assuming CLEC has provisioned splitter cards that provide test port capabilities). CLEC-owned splitters shall be provisioned using standard AT&T-12STATE configuration cabling and wiring in AT&T-12STATE locations and shall adhere to established industry and national standards. CLEC's Connecting Block layouts will reflect standard recognizable arrangements that work in conjunction with AT&T-12STATE's OSS.

7.0 Pricing/Rates:

7.1 The rates applicable to xDSL Loops and xDSL Subloops and the associated charges including without limitation, the applicable service order charges and charges for mechanized and manual loop qualification, loop conditioning, cross-connects and LSTs are set forth in Appendix Pricing.

7.2 In those instances specified herein, or in the event that AT&T-12STATE agrees to perform any additional work on CLEC's behalf that is not explicitly addressed in this Appendix, CLEC shall pay Maintenance of Service charges on a time and material basis, in 30-minute increments, for the AT&T-12STATE technician time involved in performing such work, pursuant to Section 13.4.4 of the FCC No. 73 tariffs, as such tariffs may be modified from time to time. If requested by the CLEC, Overtime and Premium time charges will apply as provided for in such FCC tariffs for any work or tests requested by CLEC and performed by AT&T-12STATE are performed outside of standard business hours.

8.0 Definitions Applicable to this Appendix:

8.1 "All Bridged Tap" means both "Excessive" and "Non-excessive" Bridged Tap.

8.2 "Commission" means the applicable state agency(ies) with regulatory authority over telecommunications in each AT&T-12STATE state.

8.3 "Excessive Bridged Tap" as used herein shall refer to bridged tap in excess of 2,500 feet in total length.

8.4 "Non-excessive Bridged Tap" as used herein shall refer to bridged tap less than 2,500 feet in total length.

8.5 "AT&T-12STATE" as used herein means the applicable AT&T-owned ILEC doing business in California, Nevada, Arkansas, Missouri, Oklahoma, Texas, Kansas, Michigan, Wisconsin, Ohio, Illinois and Indiana.

8.6 "Splitter" as used herein shall refer to the device that divides the data and voice signals concurrently moving across the loop. The Splitter may be directly integrated into the DSLAM equipment or may be externally mounted in CLEC's collocation arrangement.

APPENDIX OUT OF EXCHANGE TRAFFIC

TABLE OF CONTENTS

1. DEFINITIONS 3
2. INTRODUCTION 3
3. NETWORK MANAGEMENT 4
4. NETWORK CONNECTIONS FOR OUT OF EXCHANGE TRAFFIC 5
5. SECTION 251 (b)(5) LOCAL CALLS TRAFFIC COMPENSATION 6
6. TRANSIT TRAFFIC COMPENSATION 6
7. INTRASTATE INTRALATA INTERCOMPANY TRAFFIC 6
8. MEET-POINT-BILLING (MPB) and SWITCHED ACCESS TRAFFIC COMPENSATION 6
9. INTERLATA LOCAL TRAFFIC 6

APPENDIX OUT OF EXCHANGE TRAFFIC

1. DEFINITIONS

1.1 This Appendix sets forth the terms and conditions necessary for the exchange of Out of Exchange Traffic (as defined in Section 1.4) and InterLATA Traffic exchanged pursuant to an FCC approved or court ordered InterLATA boundary waiver.

1.2 AT&T Inc. (AT&T-13STATE) 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, L.P. 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. 3 For purposes of this Appendix only, "Out of Exchange LEC (OE-LEC)" means TelCove Operations, Inc., operating within AT&T-13STATE's incumbent local exchange area and also providing telecommunications services utilizing NPA-NXXs identified to reside in a Third Party Incumbent LEC's local exchange area.

1.4 For purposes of this Appendix only, "Out of Exchange Traffic" is defined as ISP-Bound Traffic Section 251(b)(5) Traffic, ISP-Bound Traffic, FX, intraLATA traffic and/or InterLATA Section 251(b)(5) Traffic exchanged pursuant to an FCC approved or court ordered InterLATA boundary waiver that:

(i) Originates from an OE-LEC end user located in another ILEC's incumbent local exchange area and terminates to an AT&T-13STATE end user located in an AT&T-13STATE local exchange area or;

(ii) Originates from an AT&T-13STATE end user located in an AT&T-13STATE local exchange area and terminates to an OE-LEC end user located in another ILEC's incumbent local exchange area.

2. INTRODUCTION

2.1 For purposes of this Appendix, OE-LEC intends to operate and/or provide telecommunications services outside of AT&T-13STATE incumbent local exchange areas and desires to interconnect OE-LEC's network with AT&T-13STATE's network(s).

2.2 For purposes of this Appendix, OE-LEC agrees to interconnect with AT&T-13STATE pursuant to Section 251(a) of the Act.

2.3 Other appendices in this Agreement set forth the terms and conditions pursuant to which AT&T-13STATE agrees to provide CLEC with access to 251(c)(3) unbundled network elements (251(c)(3) 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 in AT&T-13STATE's incumbent local exchange areas for the provision of CLEC's Telecommunications Services. The Parties acknowledge and agree that AT&T-13STATE is only obligated to make available 251(c)(3) UNEs and access to 251(c)(3) 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-13STATE's incumbent local exchange areas. AT&T-13STATE has no obligation to provide such 251(c)(3) UNEs, Collocation, Interconnection and/or 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

251(c)(3) UNEs or to provide access to 251(c)(3) 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-13STATE's incumbent local exchange areas. Therefore, the Parties understand and agree that the rates, terms and conditions set forth in AT&T-13STATE'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 251(c)(3) 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 apply only to the Parties and be available to CLEC for provisioning telecommunication services within an AT&T-13STATE incumbent local exchange area(s) in the State in which CLEC's current Interconnection Agreement with AT&T-13STATE has been approved by the relevant state Commission and is in effect.

3. NETWORK MANAGEMENT

3.1 For all out of exchange traffic originated on a Party's network each Party shall provide CPN as defined in 47 C.F.R. § 64.1600(c) ("CPN") in accordance with the provisions set forth in Intercarrier Compensation Appendix of this Agreement.

3.2 The Parties will work cooperatively to implement this Appendix. 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.

3.3 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.

3.4 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.

3.5 Where the capability exists, either Party may implement originating or terminating traffic reroutes to temporarily relieve network congestion due to facility failures or abnormal calling patterns. Reroutes shall not be used to circumvent normal trunk servicing. Such alternative routing shall be used only when mutually agreed to by the Parties. Any reroute of traffic will not change the jurisdictional nature of the call for compensation purposes.

3.6 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.

3.7 The Parties agree that, unless otherwise mutually negotiated, the quality of such network connections shall be equal to that of the existing facilities that are jointly provided by each Party.

3.8 Joint planning and forecasting responsibilities shall be governed by the underlying agreement.

4. NETWORK CONNECTIONS FOR OUT OF EXCHANGE TRAFFIC

4.1 OE-LEC represents that it operates as a CLEC within AT&T-13STATE exchange areas and has a Point of Interconnection ("POI") located within AT&T-13STATE in accordance with Appendix NIM of this Agreement for the purpose of providing telephone exchange service in such AT&T-13STATE exchange areas. Based upon the foregoing, the Parties agree that AT&T-13STATE's originating traffic will be delivered to OE-LEC's existing POI arrangements in the LATA where the traffic originates in accordance with the POI requirements set forth in Appendix NIM of this Agreement. AT&T-13STATE will accept OE-LEC's Out of Exchange Traffic at its tandem switch or other AT&T-13STATE switch where the Parties have established interconnection over local interconnection trunk groups that currently exist or may exist in the future between the Parties to or from OE-LEC's out of exchange areas to or from and AT&T-13STATE.'s end offices. When such Out of Exchange Traffic is Section 251(b)(5) Calls and ISP-bound traffic that is exchanged between the end users of OE-LEC and AT&T-13STATE, the Parties agree to establish a Direct Final ("DF") end office trunk group when traffic levels exceed two DS1 (48 DS0s) to or from an AT&T-13STATE End Office. When such Out of Exchange Traffic is Transit Traffic as defined in the underlying Agreement, OE-LEC agrees to establish a Direct End Office Trunk group ("DEOT") to any third party carrier's end office when traffic levels exceed two DS1s (48 DS0s) to or from that end office.

4.2 Intentionally Left Blank

4.3 Transport facilities for 911, mass calling, OS/DA and Meet Point trunking are the responsibility of OE-LEC from OE-LEC to the serving tandem or platform that provides each such service type.

4.4 The Parties shall route originating Out of Exchange traffic as defined in the LERG.

4.5 If AT&T-13STATE is not the serving tandem as reflected in the LERG, the OE-LEC shall route Out of Exchange Traffic that is rated as Section 251(b)(5) Local Traffic over the appropriate trunk group destined for a serving AT&T-13STATE End Office using one of the following four methods: i. directly to an existing POI with AT&T-13STATE in the same LATA as the serving AT&T-13STATE End Office, if AT&T-13STATE has a tandem in the same LATA and the serving AT&T-13STATE End Office has an existing trunk group to that AT&T-13STATE tandem; ii. to a newly established POI on AT&T-13STATE's network in the same LATA as the serving AT&T-13STATE End Office; such a POI may be located at either the serving AT&T-13STATE End Office, or at an AT&T-13STATE tandem in the same LATA as the serving AT&T-13STATE End Office, if a trunk group is present between the AT&T-13STATE End Office and the AT&T-13STATE Tandem; iii. through a Third Party Incumbent LEC's or Third Party Telecommunications Carrier's tandem via a transit traffic arrangement with the tandem owner for the tandem serving the serving AT&T-13STATE End Office for Section 251(b)(5) Local Traffic, provided that (a) Out of Exchange LEC and AT&T-13STATE have an agreement with the Third Party Incumbent LEC or Third Party Telecommunications Carrier for the exchange of such traffic, including Section 251(b)(5) Local Traffic; (b) the Third Party Incumbent LEC or Third Party Telecommunications Carrier has given written consent to the OE-LEC for the exchange of such traffic prior to the exchange of such traffic; and (c) the originating carrier agrees to provide all appropriate records to AT&T 13-STATE, at no charge and to the extent necessary, sufficient to allow AT&T-13STATE to bill the originating carrier appropriate intercarrier compensation, as more fully set forth in Appendix Reciprocal Compensation; or iv. directly to the serving AT&T-13STATE End Office.

4.5.1 When Out of Exchange Traffic to the serving AT&T-13STATE End Office requires forty-eight (48) or more trunks, CLEC shall establish a direct trunk group between itself and the serving AT&T-13STATE End Office. CLEC will monitor the Out of Exchange Traffic between itself and the serving AT&T-13STATE End Office and initiate a direct trunk group to the serving AT&T-13STATE End Office when this threshold is met. Furthermore, CLEC will, where technically feasible, pass CPN to AT&T-13STATE for all Out of Exchange Traffic.

4.6 Except as otherwise provided in this Appendix, for OE-LEC originated/AT&T-13STATE terminated traffic or AT&T-13STATE originated/ OE-LEC terminated traffic, if any such traffic is improperly routed by one Party over any trunk groups to other party and/or not routed in accordance with this Appendix, the Parties will work cooperatively to correct the problem.

4.7 Neither Party shall compensate any Third Party local exchange carrier and/or Telecommunications Carrier for any traffic that is inappropriately routed to that Party (as reflected in the LERG). Any compensation due either party for such misrouted traffic shall be paid by the originating carrier. Each Party shall provide notice to the other Party pursuant to the Notices provisions of this Agreement that such misrouting has occurred.

4.8 Neither Party shall deliver traffic destined to terminate at the other Party's End Office via a Third Party ILEC's End Office or Tandem.

4.9 Connection of a trunk group from OE-LEC to AT&T-13STATE's tandem(s) will provide OE-LEC accessibility to End Offices, IXCs, LECs, WSPs and NXXs which subtend that tandem(s). Connection of a trunk group from one Party to the other Party's End Office(s) will provide the connecting Party accessibility only to the NXXs served by that individual End Office(s) to which the connecting Party interconnects. Direct End Office Trunk groups that connect the Parties End Office(s) shall provide the Parties accessibility only to the NXXs that are served by that End Office(s).

4.10 AT&T-13STATE will open OE-LEC NPA-NXX codes, rated to or identified to reside in non-AT&T-13STATE exchange areas, in AT&T-13STATE Tandems and End Offices in accordance with the terms and conditions of the underlying agreement.

5. SECTION 251(b)(5) COMPENSATION

5.1 The compensation arrangement for Section 251(b)(5) exchanged between the Parties shall be as set forth in Appendix Intercarrier Compensation.

6. TRANSIT TRAFFIC COMPENSATION

6.1 The terms and conditions for Transit Traffic exchanged between the Parties shall be as set forth in the underlying Agreement.

6.2 In AT&T SOUTHWEST REGION 5-STATE the transiting rate is outlined in Appendix Pricing as Transiting-Out of Region.

6.3 In the AT&T MIDWEST REGION 5-STATE, AT&T CALIFORNIA and AT&T NEVADA the transiting rate is outlined in Appendix Pricing as Transiting Service.

7. INTRASTATE INTRALATA INTERCOMPANY TRAFFIC

7.1 The compensation arrangement for Intrastate IntraLATA Traffic exchanged between the Parties shall be as set forth in Appendix InterCarrier Compensation.

8. MEET-POINT-BILLING (MPB) and SWITCHED ACCESS TRAFFIC COMPENSATION

8.1 Intercarrier compensation for Switched Access Traffic shall be on a MPB basis as described in Appendix InterCarrier Compensation.

9. INTERLATA SECTION 251(b)(5) TRAFFIC

9.1 AT&T-13STATE will exchange AT&T-13STATE InterLATA Section 251(b)(5) that is covered by an FCC approved or court ordered InterLATA boundary waiver. AT&T-13STATE will exchange such traffic using two-way DF trunk groups (i) via a facility to OE-LEC's POI in the originating LATA, or (ii) via a facility meet point arrangement at or near the exchange area boundary ("EAB"), or (iii) via a mutually agreed to meet point facility within the AT&T-13STATE exchange area covered under such InterLATA

waiver. If the exchange where the traffic is terminating is not an AT&T-13STATE exchange AT&T-13STATE shall exchange such traffic using a two-way DF trunk group (i) via a facility to OE-LEC's POI within the originating LATA or (ii) via a mutually agreed to facility meet point arrangement at or near the EAB. AT&T-13STATE will not provision or be responsible for facilities located outside of AT&T-13STATE exchange areas.

9.2 The Parties agree that the associated traffic from each AT&T-13STATE End Office will not alternate route.

9.3 OE-LEC must provide AT&T-13STATE a separate ACTL and Local Routing Number (LRN) specific to each InterLATA local calling arrangement covered by an FCC approved or court ordered InterLATA boundary waiver.

9.4 Except as otherwise provided in this Appendix, for OE-LEC originated/AT&T-13STATE terminated traffic or AT&T-13STATE originated/ OE-LEC terminated traffic, if any such traffic is improperly routed by one Party over any trunk groups to other party and/or not routed in accordance with this Appendix, the Parties will work cooperatively to correct the problem.

9.5 Neither Party shall compensate any Third Party local exchange carrier and/or Telecommunications Carrier for any traffic that is inappropriately routed to that Party (as reflected in the LERG). Any compensation due either party for such misrouted traffic shall be paid by the originating carrier. Each Party shall provide notice to the other Party pursuant to the Notices provisions of this Agreement that such misrouting has occurred.

9.6 AT&T-13STATE will open OE-LEC NPA-NXX codes, rated to or identified to reside in non-AT&T-13STATE exchange areas, in AT&T-13STATE Tandems and End Office(s) in accordance with the terms and conditions of the underlying agreement.

9.7 The compensation arrangement for InterLATA Section 251(b)(5) Traffic shall be governed by the compensation terms and conditions for Section 251(b)(5) Calls in the underlying agreement.

APPENDIX NON-INTERCOMPANY SETTLEMENT (NICS)

TABLE OF CONTENTS

1. INTRODUCTION……..3
2. DEFINITIONS…… 3
3. NON-INTERCOMPANY SETTLEMENT (NICS) DESCRIPTION…… 4
4. RESPONSIBILITIES OF THE PARTIES…… 4
5. BASIS OF COMPENSATION…… 4
6. TERM OF AGREEMENT…… 5

APPENDIX NON-INTERCOMPANY SETTLEMENT (NICS)

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions under which AT&T MIDWEST REGION 5-STATE will perform the revenue settlement of intrastate/intraLATA local/toll alternately billed calls between AT&T MIDWEST REGION 5-STATE and the CLEC via the Centralized Message Distribution System (CMDS) NICS reports when AT&T MIDWEST REGION 5-STATE is not the CMDS Host for the CLEC.

1.3 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, Southwestern Bell Telephone, L.P. 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.

1.4 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.

1.5 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.

1.6 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 doing business in Michigan.

1.6 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.

1.7 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.

1.8 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 "Centralized Message Distribution System" (CMDS) – means the industry-wide data collection system located in St. Louis, Missouri which handles the daily exchange of toll message details between LECs that are Direct Participants of the systems.

2.2 "Direct Participants" (DP) -- the 24 pre-divestiture Bell Operating Companies that interface directly with CMDS. Following is a list of the Direct Participants:

2.3.1 New England Telephone Company
2.3.2 New York Telephone Company
2.3.3 Bell Atlantic, NJ
2.3.4 Bell Atlantic, PA
2.3.5 Bell Atlantic, DE
2.3.6 Bell Atlantic, DC
2.3.7 Bell Atlantic MD
2.3.8 Bell Atlantic VA
2.3.9 Bell Atlantic WV

2.3.10 Southern Bell Telephone Company
2.3.11 South Central Bell Telephone Company
2.3.12 The Ohio bell Telephone Company d/b/a AT&T Ohio
2.3.13 Michigan Bell Telephone Company d/b/a AT&T Michigan
2.3.14 Indiana Bell Telephone Company Incorporated d/b/a AT&T Indiana
2.3.15 Illinois Bell Telephone Company d/b/a AT&T Illinois
2.3.16 Wisconsin Bell Telephone Company d/b/a AT&T Wisconsin
2.3.17 Northwestern Bell Telephone Company
2.3.18 Southwestern Bell Telephone, L.P. d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas
2.3.19 Mountain Bell Telephone Company
2.3.20 Pacific Bell Telephone Company d/b/a AT&T California
2.3.21 Nevada Bell Telephone Company d/b/a AT&T Nevada
2.3.22 The Southern New England Telephone Company
2.3.23 Cincinnati Bell Telephone Company

2.3 "Exchange Message Interface" (EMI) -the format used for the exchange of telecommunications message information. EMI format is contained in the Alliance for Telecommunications Industry Solutions (ATIS) document that defines industry guidelines for exchange message records.

2.4 "Local Exchange Carriers" (LECs) or "Exchange Carriers" (ECs) - facilities-based providers of local telecommunication services.

2.5 "Non-Intercompany Settlement" (NICS) is a revenue exchange process for messages which originate from CLEC and bill to AT&T MIDWEST REGION 5-STATE and messages which originate from AT&T MIDWEST REGION 5-STATE and bill to CLEC. NICS messages must originate and bill within the same AT&T MIDWEST REGION 5-STATE Company.

3. NON-INTERCOMPANY SETTLEMENT (NICS) DESCRIPTION

3.1 Non-Intercompany Settlement (NICS) shall apply only to alternately billed messages (calling card, third number billed and collect calls) originated by AT&T MIDWEST REGION 5-STATE and billed by the CLEC [when the CLEC is using its own end office switch], or messages for calls originated by the CLEC and billed by AT&T MIDWEST REGION 5-STATE within the same AT&T MIDWEST REGION 5-STATE State (i.e., messages for intrastate/intraLATA traffic only). For example, an alternately billed call originating within AT&T ILLINOIS territory and billed to a CLEC within AT&T ILLINOIS would be covered by this section; a call originating within AT&T MICHIGAN but billing outside of AT&T MICHIGAN would not be NICS.

3.2 NICS does not extend to 900 or 976 calls or to other pay per call services.

3.3 The Telcordia Technologies NICS report is the source for revenue to be settled between AT&T MIDWEST REGION 5-STATE and CLEC. NICS settlement will be incorporated into the CLEC's monthly invoice.

3.4 This agreement does not cover calls originating and billing within a state outside of AT&T MIDWEST REGION 5-STATE. For such traffic, CLEC should obtain NICS-type agreements with the LECs in that state.

4. RESPONSIBILITIES OF THE PARTIES

4.1 Each Party is responsible for submitting the appropriate EMI billable record (as defined in the Telcordia Technologies NICS System Specifications document) to Telcordia CMDS for inclusion in the NICS report when an alternately billed call originates from its end user.

5. BASIS OF COMPENSATION

5.1 CLEC agrees to pay a $.05 per message charge to AT&T MIDWEST REGION 5-STATE for all qualifying messages billed by AT&T MIDWEST REGION 5-STATE.

5.2 AT&T MIDWEST REGION 5-STATE agrees to pay the same $.05 a per message charge to CLEC for all qualifying messages billed by CLEC.

5.3 Net payment shall be due within thirty (30) days of the date of the invoice. Net payment is the amount due to AT&T MIDWEST REGION 5-STATE or CLEC based on netting the amount due AT&T MIDWEST REGION 5-STATE and the amount due CLEC from the Telcordia Technologies NICS report. A late payment charge of one and one half percent (1 1/2%) per month, or the highest amount allowed by law, whichever is greater, shall apply to past due amounts.

6. TERM OF AGREEMENT

6.1 Unless sooner terminated as herein provided, this Agreement will continue in force for a period of one (1) year from the effective date hereof and thereafter until terminated by sixty (60) days prior notice in writing form either party to the other. Provided however, this Attachment shall not continue in force and effect beyond the term of the ICA as specified in the General Terms and Conditions.

Transit Traffic Service Appendix

1.0 Introduction

1.1 This Transit Traffic Service Appendix ("Appendix") sets forth the rates, terms and conditions of AT&T-13STATE's Transit Traffic Service as a Transit Service Provider. AT&T-13STATE's Transit Traffic Service is provided to other Telecommunications Carriers for Telecommunications traffic that does not originate with (or terminate to) the Transit Service Provider's end user. Transit Traffic Service allows TelCove Operations, Inc. ("CARRIER") to exchange traffic with a Third Party Terminating Carrier to which it is not directly interconnected.

1.2 This Appendix incorporates the provisions of a transiting arrangement as it relates to AT&T-13STATE's provision of Transit Traffic Service as a Transit Service Provider to interconnected Competitive Local Exchange Carriers (CLECs) or to interconnected Out of Exchange Local Exchange Carriers (OE LECs) (*i.e.*, carriers that interconnect with AT&T-13STATE's network but operate and/or provide Telecommunications Services outside of AT&T-13STATE's incumbent local exchange area).

2.0 Definitions

2.1 "800 IntraLATA Toll Traffic" is defined as traffic that originates from CARRIER's end user that utilizes a dialing sequence that invokes toll-free, 800-like, service processing, that terminates to an end user served by a Third Party Terminating Carrier, whereby the Third Party Terminating Carrier is both the Section 251(b)(5) Traffic Provider and the IntraLATA toll provider (not sent through an IXC or an intermediary). "800 IntraLATA Toll Traffic" includes but is not limited to calls placed to 800, 877, 888, ("8YY") NPA Service Access Codes (SAC).

2.2 "Central Office Switch" means a switch, including, but not limited to an End Office Switch and a Tandem Switch.

2.3 "Calling Party Number" or "CPN" is as defined in 47 C.F.R. § 64.1600(c) ("CPN").

2.4 "Connecticut Transit Traffic Service" means all Section 251(b)(5) Traffic, ISP-Bound Traffic, IntraLATA Toll Traffic and/or 800 IntraLATA Toll Traffic delivered via the Transit Traffic Service whereby AT&T CONNECTICUT will compensate the terminating carrier for applicable Transit Traffic, carrying out the terms and conditions herein.

2.5 "End Office" or "End Office Switch" is an AT&T-13STATE switch that directly terminates traffic to and receives traffic from end users of local Exchange Services.

2.6 "Exchange Service" means Telephone Exchange Service as defined in the Act.

2.7 "ISP-Bound Traffic" is defined as traffic exchanged between CARRIER's end user and an Internet Service Provider (ISP) served by a Third Party Terminating Carrier that:

(i) originates from CARRIER's end users and terminates to an ISP served by a Third Party Terminating Carrier in the same AT&T-13STATE exchange area; or

(ii) originates from CARRIER's end-users and terminates to an ISP served by a Third Party Terminating Carrier within different AT&T-13STATE Exchanges or within an AT&T-13STATE exchange and an independent ILEC exchange, that share a common mandatory local calling area, as defined in AT&T-13STATE's tariff, (*e.g.*, mandatory Extended Area Service (EAS), mandatory Extended Local Calling Service (ELCS), or other like types of mandatory expanded local calling scopes).

2.8 "IntraLATA Toll Traffic" is defined as traffic exchanged between CARRIER's end users and the end users of a Third Party Terminating Carrier which subtends an AT&T-13STATE Tandem, whereby the Transit Traffic originates in one mandatory local calling area and terminates in a different mandatory local calling area but where both mandatory local calling areas are within the same LATA. Such IntraLATA Toll Traffic must terminate to a Third Party Terminating Carrier's end user, whereby the Third Party Terminating Carrier is both the Section 251(b)(5) Traffic Provider and the IntraLATA toll provider (not sent through an IXC or an intermediary). For purposes of this Appendix, traffic between CARRIER's end users that subscribe to one-way or two-way Optional Extended Area Service (Optional EAS) and the end user of a Third Party Terminating Carrier that is within the AT&T-13STATE local or mandatory exchanges that are covered by an Optional EAS Plan will be treated as IntraLATA Toll Traffic.

2.9 "Local Tandem" refers to any Local Only, Local/IntraLATA, or Local/Access Tandem Switch serving a particular local calling area.

2.10 "Local/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 other central office switches for Section 251(b)(5)/IntraLATA Toll Traffic and IXC-carried traffic.

2.11 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 other central office switches for Section 251(b)(5)/IntraLATA Toll Traffic.

2.12 "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 central office switches for Section 251(b)(5) and ISP Bound Traffic.

2.13 "Loss" or "Losses" means any and all losses, costs (including court costs), claims, damages (including fines, penalties, or civil judgments and settlements), injuries, liabilities and expenses (including attorneys' fees).

2.14 "Section 251(b)(5)/IntraLATA Traffic" shall mean for purposes of this Agreement, (i) Section 251(b)(5) Toll Traffic, (ii) ISP-Bound Traffic, (iii) IntraLATA Toll Traffic originating from an end user obtaining local dialtone from CARRIER where CARRIER 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.

For Section 251(b)(5) Traffic exchanged between CARRIER's end users and the end users of a CMRS provider that terminates the call, such traffic shall originate and terminate within the same Major Trading Area (MTA) as defined in 47 CFR§ 24.202(a).

2.15 "Tandem" or "Tandem Switch" is an AT&T-13STATE switch used to connect Trunks between and among other Central Office Switches.

2.16 "Third Party Originating Carrier" means a Telecommunications Carrier (*e.g.*, Competitive Local Exchange Carrier (CLEC), Incumbent Local Exchange Carrier (ILEC), Commercial Mobile Radio Service (CMRS) provider or Out-of Exchange Local Exchange Carrier (OELEC)) that originates Transit Traffic that transits AT&T-13STATE's network and is delivered to CARRIER.

2.17 "Third Party Terminating Carrier" means a Telecommunications Carrier to which traffic is terminated when CARRIER uses AT&T-13STATE's Transit Traffic Service (*e.g.*, Competitive Local Exchange Carrier (CLEC), Incumbent Local Exchange Carrier (ILEC), Commercial Mobile Radio Service (CMRS) provider or Out-of Exchange Local Exchange Carrier (OELEC)).

2.18 "Transit Service Provider" means AT&T-13STATE when providing its Transit Traffic Service.

2.19 "Transit Traffic" means all Section 251(b)(5) Traffic, ISP-Bound. Traffic, IntraLATA Toll Traffic, CMRS provider-bound traffic and/or 800 IntraLATA Toll Traffic delivered via the Transit Traffic Service.

2.20 "Transit Traffic Service" is an optional non 251/252 switching and intermediate transport service provided by AT&T-13STATE to CARRIER where CARRIER is directly interconnected with an AT&T-13STATE Tandem. AT&T 13-STATE neither originates nor terminates Transit Traffic on its network, but acts only as an intermediary. For the purposes of this Appendix, Transit Traffic Service is a service that is limited to Section 251(b)(5) Traffic, CMRS provider-bound traffic, ISP-Bound Traffic, IntraLATA InterMTA Traffic, and 800 IntraLATA Toll Traffic destined to the end users of a Third Party Terminating Carrier and is routed utilizing an AT&T-13STATE Tandem Switch where an AT&T-13STATE end user is neither the originating nor the terminating party.

2.21 "Trunk" or "Trunk Group" means the switch port interface(s) and the communication path created to connect CARRIER's network with AT&T-13STATE's network for the purpose of interconnection pursuant to the Act.

3.0 Responsibilities of the Parties

3.1 AT&T-13STATE will provide CARRIER with AT&T-13STATE's Transit Traffic Service to all Third Party Terminating Carriers with whom AT&T-13STATE is interconnected, but only in the LATA, or outside of the LATA to the extent a LATA boundary waiver exists

3.2 A Transit Traffic Service rate applies to all Transit Traffic that originates on CARRIER's network. The Transit Traffic Service rate is only applicable when calls do not originate with (or terminate to) an AT&T-13STATE end user.

3.3 The Transit Traffic Service rate applies to all minutes of use ("MOUs") when CARRIER sends Transit Traffic to a Third Party Terminating Carrier's network. CARRIER agrees to compensate AT&T-13STATE for the Transit Traffic Service provided at the rate set forth in the attached Transit Traffic Service Appendix Pricing, as applicable.

3.4 Each Party to this Agreement will be responsible for the accuracy and quality of its data submitted to the other Party.

Connecticut Transit Traffic Service

3.5 AT&T CONNECTICUT will make its Connecticut Transit Traffic Service available to CARRIER for the purpose of completing CARRIER Transit Traffic calls as defined in Sections 2.19 through 2.20 above, and upon the terms and conditions set forth herein. In doing so, AT&T CONNECTICUT will compensate the terminating carrier for applicable Transit Traffic as defined in Section 2.19 above.

3.5.1 In AT&T CONNECTICUT, the Connecticut Transit Traffic Service Rate applies when CARRIER sends Local and IntraLATA Toll traffic to a Third Party Terminating Carrier network through AT&T CONNECTICUT's Tandem. CARRIER is responsible for payment of the Connecticut Transit Traffic Service Rate. The Connecticut Transit Traffic Service Rate is only applicable when calls do not terminate to an AT&T CONNECTICUT end user. The Connecticut Transit Traffic Service Rate is specified in Transit Traffic Service Appendix Pricing.

3.5.2 As part of AT&T CONNECTICUT's Connecticut Transit Traffic Service, AT&T CONNECTICUT will be solely responsible for compensating the Third Party Terminating Carrier for CARRIER's Transit Traffic that is terminated on a Third Party Terminating Carrier's network.

3.5.2.1 CARRIER shall bill AT&T CONNECTICUT for terminating Transit Traffic originated by other LECs or CLECs in accordance with the provisions of this Appendix applicable to AT&T CONNECTICUT originated Transit Traffic.

3.5.3 CARRIER shall issue ASRs for dedicated one-way Connecticut Transit Traffic Service trunk groups in AT&T CONNECTICUT.

3.5.3.1 One-way Trunk Groups for Transit Traffic Service in AT&T CONNECTICUT, (Connecticut Transit Traffic trunk groups) can be established between CARRIER's switch and an AT&T CONNECTICUT's Tandem. CARRIER is financially responsible for the transport facility cost. These Trunk Groups will utilize Signaling System 7 (SS7) signaling protocol.

3.6 The rates that AT&T-12STATE shall charge CARRIER for the Transit Traffic Service is outlined in Section 6.0, below and attached Transit Traffic Service Appendix Pricing.

Carrier Originating

3.7 CARRIER has the sole obligation to enter into traffic compensation arrangements with Third Party Terminating Carriers prior to delivering traffic to AT&T-12STATE for transiting to such Third Party Terminating Carriers. In no event will AT&T-12STATE have any liability to CARRIER or any Third Party if CARRIER fails to enter into such traffic compensation arrangements. In the event CARRIER originates traffic that transits AT&T-12STATE's network to reach a Third Party Terminating Carrier with whom CARRIER does not have a traffic compensation arrangement, then CARRIER will indemnify, defend and hold harmless AT&T-12STATE against any and all Losses including, without limitation, charges levied by such Third Party Terminating Carrier. The Third Party Terminating Carrier and AT&T-12STATE will bill their respective charges directly to CARRIER. AT&T-12STATE will not be

required to function as a billing intermediary, *e.g*. clearinghouse. Under no circumstances will AT&T-12STATE be required to pay any termination charges to the Third Party Terminating Carrier.

3.8 In the event CARRIER originates Transit Traffic destined for a Third Party Terminating Carrier with which CARRIER does not have a traffic compensation arrangement and a regulatory agency or court orders AT&T-12STATE to pay such Third Party Telecommunications Carrier termination charges for the Transit Traffic AT&T-12STATE has delivered, CARRIER will indemnify AT&T-12STATE for any charges, costs, expenses or other liability related to such order, including but not limited to termination charges, interest, and any billing and collection costs. In the event of any such proceeding, AT&T-12STATE agrees to allow CARRIER to participate as a party.

3.9 CARRIER will be responsible for sending the Calling Party Number (CPN) for calls delivered to the network of AT&T-13STATE. Carrier shall not strip, alter, modify, add, delete, change, or incorrectly assign or re-assign any CPN. If AT&T-13STATE identifies improper, incorrect, or fraudulent use of local exchange services or identifies stripped, altered, modified, added, deleted, changed, and/or incorrectly assigned CPN, CARRIER agrees to cooperate to investigate and take corrective action. If CARRIER is passing CPN but AT&T-13STATE is not properly receiving information, CARRIER will work cooperatively to correct the problem. If the CPN is not received from the CARRIER, AT&T-13STATE can not forward the CPN and CARRIER will indemnify, defend and hold harmless AT&T-13STATE from any and all Losses arising out of the failure of any traffic transiting AT&T-13STATE's network to have CPN.

3.10 CARRIER, as a Telecommunications Carrier originating traffic, has the sole responsibility of providing appropriate information to identify transiting traffic to Third Party Terminating Carriers. AT&T-12STATE may provide billing information to Third Party Terminating Carriers to assist with the identification of traffic.

Carrier Terminating

3.11 CARRIER shall not charge AT&T-12STATE when AT&T-12STATE provides Transit Traffic Service as the Transit Traffic Provider for calls terminated to CARRIER.

3.12 When AT&T-13STATE, operating as a Transit Service Provider, routes Transit Traffic to CARRIER from a Third Party Originating Carrier, AT&T-13STATE agrees to pass the originating CPN information to CARRIER as provided by the Third Party Originating Carrier.

3.13 The Third Party Originating Carrier is responsible for sending the CPN for calls originating on its network and passed to the network of CARRIER from AT&T-13STATE serving as the Transit Traffic Provider. Where AT&T-13STATE is providing a Transit Traffic Service, AT&T-13STATE will pass the Calling Party Number (CPN), if it is received from a Third Party Originating Carrier. If the CPN is not received from the Third Party Originating Carrier, AT&T-13STATE can not forward the CPN; therefore, CARRIER will indemnify, defend and hold harmless AT&T-13STATE from any Losses according to Section 3.7 above. If AT&T-13STATE or CARRIER identifies stripped, altered, modified, added, deleted, changed, and/or incorrectly assigned CPN from Third Party Originating Carrier, CARRIER agrees to cooperate to work with Third Party Originating Carrier to investigate and take corrective action. If Third Party Originating Carrier is passing CPN but AT&T-13STATE or CARRIER is not properly receiving information, CARRIER will work cooperatively to correct the problem.

3.14 CARRIER agrees to seek terminating compensation directly from the Third Party Originating Carrier. AT&T-12STATE, as the Transit Service Provider will not be obligated to pay for Transit Traffic as the default originator.

4.0 Transit Traffic Routing

4.1 Where AT&T-12STATE has a Local Tandem Switch separate from an Access Tandem Switch in the local exchange area, CARRIER's originated Section 251(b)(5) Traffic and ISP-Bound Traffic utilizing AT&T-12STATE's Transit Traffic Service will be routed via AT&T-12STATE's Local Tandem Switches, but not at or through any AT&T-12STATE Access Tandem Switches.

4.2 Where AT&T-12STATE has a Local/IntraLATA Tandem Switch or Local/Access Tandem Switch in the local exchange area, CARRIER originated Section 251(b)(5) Traffic or ISP-Bound Traffic utilizing AT&T-12STATE's Transit Traffic Service will be routed via the appropriate AT&T-12STATE Local/IntraLATA Tandem Switch or Local /Access Tandem Switch.

4.3 Where AT&T-12STATE has a Local Tandem Switch separate from an Access Tandem Switch in the local exchange area, CARRIER originated IntraLATA Toll Traffic or 800 IntraLATA Toll Traffic utilizing AT&T-12STATE's Transit Traffic Service will be routed via AT&T-12STATE's Access Tandem Switches, but not at or through any AT&T-12STATE Local Tandem Switches.

4.4 Where AT&T-12STATE has a combined Local/IntraLATA Tandem Switch or Local/Access Tandem Switch in the local exchange area, CARRIER originated IntraLATA Toll Traffic or 800 IntraLATA Toll Traffic utilizing AT&T-12STATE's Transit Traffic Service will be routed via the appropriate AT&T-12STATE Local/IntraLATA Tandem Switch or Local/Access Tandem Switch.

4.5 Upon written notification from AT&T-13STATE of misrouting of Transit Traffic by CARRIER as identified above, CARRIER will take appropriate action and correct such misrouting within a reasonably practical period of time no longer then 60 days after receipt of notification of such misrouting.

4.6 Facilities and trunking pursuant to CARRIER's Interconnection Trunking Requirements (Appendix ITR) to the interconnection agreement, or as otherwise mutually agreed in writing, will be utilized for the routing of Transit Traffic.

5.0 Direct Trunking Requirements

5.1 When Transit Traffic from CARRIER through the AT&T-13STATE Tandem to another Local Exchange Carrier, CLEC or wireless carrier requires forty-eight (48) or more trunks, upon AT&T-13STATE written request, CARRIER shall establish a direct trunk group or alternate transit arrangement between itself and the other Local Exchange Carrier, CLEC or wireless carrier within sixty (60) calendar days. CARRIER shall route Transit Traffic via AT&T-13STATE's Tandem switches, and not at or through any AT&T 13-STATE End Offices. Once this trunk group has been established, CARRIER agrees to cease routing Transit Traffic through the AT&T-13STATE Tandem to the Third Party Terminating Carrier, unless the parties mutually agree otherwise.

6.0 Transit Traffic Rate Application

6.1 The Transit Traffic Services rate applies to all Minutes of Use ("MOUs") when CARRIER sends Transit Traffic to a Third Party Terminating Carrier's network through AT&T-12STATE's tandem switch where an AT&T-12STATE end user is neither the originating nor the terminating party. CARRIER agrees to compensate AT&T-12STATE operating as a Transit Service Provider at the applicable rates and terms set forth in Transit Traffic Service Appendix Pricing.

6.1.1 Pursuant to the Missouri Public Service Commission Order in Case No. TO-99-483, the Transit Traffic rate element shall not apply to MCA Traffic (i.e., no transiting charges shall be assessed for MCA Traffic) for AT&T MISSOURI.

6.2 In AT&T CONNECTICUT, the Connecticut Transit Traffic Service Rate applies when CARRIER sends Transit Traffic to a Third Party Terminating Carrier network through AT&T CONNECTICUT's Tandem. CARRIER is responsible for payment of the Connecticut Transit Traffic Service Rate. The Connecticut Transit Traffic Service Rate is only applicable when calls do not terminate to an AT&T CONNECTICUT end user. The Connecticut Transit Traffic Service Rate is specified in Transit Traffic Service Appendix Pricing, attached hereto.

TRANSIT TRAFFIC SERVICE APPENDIX PRICING – MICHIGAN

Michigan

1.0 Transit rates will be determined on a monthly basis depending on the monthly volume of Transit Traffic originated by CARRIER utilizing AT&T MICHIGAN's Transit Traffic Service. Monthly volumes will be determined on a statewide minute of use basis.

1.1 When CARRIER's Transit Traffic is 20,000,000 minutes of use or less in a single month, the rate for all Transit Traffic originated by CARRIER for that month will be:

Tandem Switching -	$.004985 per minute of use
Tandem Termination -	$.000156 per minute of use
Tandem Facility – per mile	$.000036 per minute of use

1.2 When CARRIER's Transit Traffic is greater than 20,000,000 minutes of use in a single month, the rate for all Transit Traffic originated by CARRIER for that month will be:

Tandem Switching -	$.006481 per minute of use
Tandem Termination -	$.000203 per minute of use
Tandem Facility – per mile	$.000047 per minute of use

2.0 In the event that AT&T MICHIGAN cannot mechanically bill on a monthly basis the appropriate rate based on the Transit Traffic volumes originated by CARRIER in Sections 1.1 through 1.2 above, AT&T MICHIGAN will bill on a monthly basis the transit rates listed in 1.1 above and will true up amounts, if any, on a quarterly basis based on actual Transit Traffic minutes per month for each month of the prior quarter.

APPENDIX-PRICING
(MICHIGAN)

TABLE OF CONTENTS

1. INTRODUCTION 3
2. RECURRING CHARGES 6
3. NON-RECURRING CHARGES 7
4. BILLING 7

APPENDIX PRICING
(MICHIGAN)

1. INTRODUCTION

1.1 This Appendix sets forth the pricing terms and conditions only for the applicable AT&T Inc. (AT&T) owned Incumbent Local Exchange Carrier (ILEC) identified in 1.3 below. The rate table included in this Appendix is divided into the following five categories: Unbundled Network Elements (UNEs), Resale, Other (Resale), Other and Reciprocal Compensation. These categories 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, including but not limited to the term "Lawful UNE," as that term is defined and used in this Agreement.

1.2 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, Southwestern Bell Telephone, L.P. 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.

1.3 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 doing business in Michigan.

1.4 Replacement of Non-Interim Rates

Certain of the non-interim rates, prices and charges set forth in this Agreement may have been established by the Commission ("Commission-established Non-Interim Rate(s)"). All rates included in this Agreement that are not specifically excluded from treatment under this Section 1.4, or that are not marked as interim or as "TBD" (To Be Determined) shall be considered Commission-established Non-Interim Rates. If, during the Term of this Agreement the Commission or the FCC modifies a Commission-established Rate(s) in an order or docket that is established by the Commission or FCC to be generally applicable to the Interconnection, Unbundled Network Elements, Collocation, functions, facilities, Resale discounts, or products or services ("Products or Services") available under this Agreement (i.e. *not* an order or docket relating only to a specific complaint or interconnection agreement arbitration), either Party may provide written notice ("Rate Change Notice") to the other Party, ***after the effective date of such order***, that it wishes for the modified Commission-established Non-Interim Rate(s), ("Modified Rate(s)") to replace and supersede the Commission-established Non-Interim Rate(s) already set forth in this Agreement. Following such Rate Change Notice by either Party, and without the need for any formal amendment or further Commission action, the CLEC's billing tables will be updated to reflect (and CLEC will be charged) the Modified Rate(s), pursuant to timeframes as specifically set forth in Sections 1.4.1 and 1.4.3, below, and the Modified Rate(s) will be deemed effective between the Parties as provided in Sections 1.4.1 and 1.4.3, below. Nonetheless, the Parties shall negotiate a conforming amendment which shall reflect that the Commission-established Non-Interim Rate(s) were replaced by the Modified Rate(s), and shall submit such Amendment to the state commission for approval. In addition, as soon as is reasonably practicable after such Rate Change Notice, each Party shall issue to the other Party any adjustments that are necessary to reflect that the Modified Rate(s) became effective between the Parties as provided below:

1.4.1 If the Rate Change Notice is issued by a Party within ninety (90) days after the effective date of any such order, the Modified Rate(s) will be deemed effective between the Parties as of the effective date of the order, and AT&T MICHIGAN will issue any adjustments that are appropriate (e.g., billing of additional charges, billing credit adjustments) to retroactively true-up the Modified Rate(s) with the Commission-established Non-Interim Rate(s) for the period after the effective date of the order, in accordance herewith.

1.4.2 In the event that neither Party issues a Rate Change Notice to the other Party with respect to an order, the Commission-established Non-Interim Rate(s) set forth in the Agreement shall continue to apply, notwithstanding the issuance of that order.

1.4.3 In the event that a Party issues a Rate Change Notice under this Section 1.4, but not within ninety (90) days after the effective date of the order, then the Modified Rate(s) will be deemed effective between the Parties as of the date the amendment incorporating such Modified Rate(s) into the Agreement is effective between the Parties (following the date the amendment is approved or is deemed to have been approved by the state commission), and shall apply, upon the amendment effective date, on a prospective basis only. Further, the Party shall be foreclosed from replacing or otherwise superseding the Commission-established Non-Interim Rate(s) with the Modified Rate(s) for any period prior to the effective date of such amendment.

1.4.4 In the event the terms and conditions of this Section 1.4 was not part of an approved and effective agreement between the Parties at the time the order became effective, either Party may still give a Rate Change Notice, and the Modified Rate(s) shall be effective as of the date the Parties' Agreement (the Agreement containing this Section 1.4) becomes effective (following the date the Agreement is approved or deemed to have been approved by the Commission) and shall apply, beginning on the Agreement's effective date, on a prospective basis only. Further, the Party shall be foreclosed from replacing or otherwise superseding the Commission-established Non-Interim Rate(s) with the Modified Rate(s) for any period prior to the effective date of the Agreement containing this Section 1.4.

1.5 The Parties understand and agree that on May 9, 2003, the Public Utilities Act of Illinois was amended to add Sections 13-408 and 13-409, 220 ILCS 5/13-408 and 13-409, and enacted into law ("Illinois Law"). The Illinois Law establishes a specific method for setting certain UNE rates in Illinois, mandates that the Illinois Commerce Commission ("ICC") apply the method and determine the rates ("ICC Rates"), and expressly deems all interconnection agreements to be amended to contain the ICC Rates immediately upon the ICC's announcement of such adjusted rates, without further action. The Parties understand and agree that the rates in the attached Pricing Schedule are based upon AT&T Illinois' obligations under FCC rules and regulations, and applicable ICC orders as they existed prior to the ICC's promulgation of rates, terms and conditions pursuant to the Illinois Law. The Parties understand and agree that the ICC Rates shall automatically apply to this Agreement, and shall replace and supersede any corresponding rates currently contained in this Agreement (for the state of Illinois only) as of the effective date of any such ICC order(s) upon the written request of either Party ("Written Notice"). As soon as practical following the Written Notice, AT&T Illinois shall begin billing CLEC the ICC Rates; provided, however, the Parties acknowledge and agree that no later than sixty (60) days from the Written Notice, the Parties will execute a conforming Amendment to this Agreement so that the Agreement accurately reflects the ICC Rates, and AT&T Illinois will issue any adjustments, as needed (e.g., billing of additional charges, billing credit adjustments), to reflect that the ICC Rates became effective between the Parties as of the effective date of the applicable ICC order(s) and to retroactively true-up the ICC Rates with the corresponding rates currently contained in this Agreement (for the state of Illinois only) for the period after the effective date of the applicable ICC order(s), in accordance herewith.

1.6 Replacement of Interim Rates

Certain of the rates, prices and charges set forth in this Agreement may be denoted as interim rates ("Current Interim Rates"). Upon the effective date of a Commission Order establishing non-interim rates for any rates, prices, charges, Products or Services specifically identified herein as interim, either Party may, within ninety (90) days ***after the effective date of such Commission order***, provide written notice ("Replacement Rate Notice") to the other Party that it wishes to obtain the non-interim Commission-established rate(s) ("Replacement Rates") to replace and supersede the Current Interim Rate counterpart(s) in this Agreement. Following such Replacement Rate Notice, and without the need for any formal amendment or further Commission action, AT&T MICHIGAN will update CLEC's billing tables to replace the Current Interim Rates with their Replacement Rate(s) counterpart(s), as specified in the

Replacement Rate Notice. Nonetheless, the Parties shall negotiate a conforming amendment to reflect such Replacement Rates and shall submit such amendment to the Commission for approval.

1.6.1 If the Replacement Rate Notice is given within 90 days after the effective date of such order, then the Replacement Rate(s) shall apply as of the effective date of the order and AT&T MICHIGAN will issue any adjustments that are appropriate (e.g., billing of additional charges, billing credit adjustments) to retroactively true-up the Replacement Rates with the Current Interim Rates for the period after the effective date of this Agreement, in accordance herewith.

1.6.2 In the event that neither Party issues a Rate Notice to the other Party with respect to an order, the Current Interim Rate(s) set forth in the Agreement shall continue to apply, notwithstanding the issuance of that order.

1.6.3 In the event that a Party issues a Rate Notice under this Section 1.6, but not within ninety (90) days after the effective date of the order, then the Replacement Rate(s) will be deemed effective between the Parties as of the date the amendment incorporating such Replacement Rate(s) into the Agreement is effective between the Parties (following the date the amendment is approved or is deemed to have been approved by the Commission), and shall apply, upon the amendment effective date, on a prospective basis only. Further, the Party shall be foreclosed from replacing or otherwise superseding the Current Interim Rate(s) with the Replacement Rate(s) for any period prior to the effective date of such amendment.

1.6.4 In the event the terms and conditions of this Section 1.6 was not part of an approved and effective agreement between the Parties at the time the order became effective, either Party may still give a Replacement Rate Notice, and the Replacement Rate(s) shall be effective as of the date the Parties' Agreement (the Agreement containing this Section 1.6) becomes effective (following the date the Agreement is approved or deemed to have been approved by the Commission) and shall apply, beginning on the Agreement's effective date, on a prospective basis only. Further, the Party shall be foreclosed from replacing or otherwise superseding the Current Interim Rate(s) with the Replacement Rate(s) for any period prior to the effective date of the Agreement containing this Section 1.6.

1.7 Notice to Adopting CLECs

Notwithstanding anything to the contrary in this Appendix and Agreement, in the event that any other telecommunications carrier should adopt provisions in the Agreement pursuant to Section 252(i) of the Act ("Adopting CLEC"), the Adopting CLEC would only be entitled to the non-interim and/or interim rates set forth in this Agreement as of the date that the MFN'd Agreement provisions become effective between AT&T MICHIGAN and the Adopting CLEC (i.e., following the date the Commission approves or is deemed to have approved the Adopting CLEC's Section 252(i) adoption ("MFN Effective Date")) and on a prospective basis only. Nothing in this Agreement shall entitle an Adopting CLEC to any retroactive application of any rates under this Agreement to any date prior to the MFN Effective Date and any Adopting CLEC is foreclosed from making any such claim hereunder.

1.8 The following defines the zones found in this Appendix Pricing:

For Loops:

Rate Zone:	Total Access Lines:
Zone A	See: Tariff 20, Part 4, Section 2, Sheets 7-34
Zone B	See: Tariff 20, Part 4, Section 2, Sheets 7-34
Zone C	See: Tariff 20, Part 4, Section 2, Sheets 7-34

1.9 AT&T MICHIGAN's obligation to provide Interconnection, Lawful Unbundled Network Elements, Collocation, Resale discounts, functions, facilities, products or services ("Products or Services") under this Agreement does not extend to Products or Services for which rates, terms and conditions are not contained in this Agreement. Accordingly, to the extent a CLEC orders a Product or Service for which there are not rates, terms and conditions contained in this Agreement, AT&T MICHIGAN may reject the order. In the

event such an order is rejected, and the Product or Service is appropriate for BFR treatment under the BFR provisions set forth in Appendix Lawful UNEs of this Agreement, the CLEC may submit a BFR, which will be evaluated pursuant to such BFR provisions. Alternatively, if the Product or Service is available in a state commission approved Agreement in the state in which the CLEC is seeking to order the Product or Service, the CLEC may: (i) seek to adopt pursuant to Section 252(i) of the Act the rates, terms and conditions for such Product or Service (including any legitimately related terms) from a state commission approved Agreement in that state in which such Product or Service is available; or (ii) seek to amend this Agreement to incorporate rates, terms and conditions for the Product or Service into this Agreement, to the extent such Product or Service is still available at the time of the request. In the event that CLEC orders, and AT&T MICHIGAN provisions, a Product or Service to CLEC for which there are not rates, terms and conditions in this Agreement, then CLEC understands and agrees that one of the following will occur:

1.9.1 CLEC shall pay for the Product or Service provisioned to CLEC at the rates set forth in AT&T MICHIGAN's applicable intrastate tariff(s) for the Product or Service or, to the extent there are no tariff rates, terms or conditions available for the Product or Service in the applicable state, then CLEC shall pay for the Product or Service at AT&T MICHIGAN's current generic contract rate for the Product or Service set forth in AT&T MICHIGAN's applicable state-specific generic pricing schedule as published on AT&T MICHIGAN's CLEC website; or

1.9.2 CLEC will be billed and shall pay for the product or service as provided in Section 1.9.1, above, and AT&T MICHIGAN may, without further obligation, reject future orders and further provisioning of the product or service until such time as applicable rates, terms and conditions are incorporated into this Agreement as set forth in this Section 1.9.

1.9.3 AT&T MICHIGAN's provisioning of orders for such Products or Services is expressly subject to this Section 1.9 and in no way constitutes a waiver of AT&T MICHIGAN's right to charge and collect payment for such Products and/or Services.

1.10 Establishment of "TBD" Rates

1.10.1 When a rate, price or charge in this Agreement is noted as "To Be Determined" or "TBD" or is blank, the Parties understand and agree that when a rate, price or charge is established by AT&T MICHIGAN for that Product or Service and incorporated into AT&T MICHIGAN's current state-specific generic pricing schedule as published on AT&T MICHIGAN's CLEC website, that rate(s) ("Established Rate") shall automatically apply to the Product or Service provided under this Agreement back to the effective date of this Agreement as to any orders CLEC submitted and AT&T MICHIGAN provisioned for that Product or Service without the need for any additional modification(s) to this Agreement or further Commission action. AT&T MICHIGAN shall provide written notice to CLEC of the application of the rate, price or charge that has been established, and the CLEC's billing tables will be updated to reflect (and CLEC will be charged) the Established Rate, and the Established Rate will be deemed effective between the Parties as of the effective date of the Agreement. The Parties shall negotiate a conforming amendment which shall reflect the Established Rate to ensure that the Agreement accurately reflects the specific Established Rate(s) that apply to such Product or Service pursuant to this Section 1.10, and shall submit such Amendment to the state commission for approval. In addition, as soon as is reasonably practicable after such Established Rate begins to apply, AT&T MICHIGAN shall bill CLEC to reflect the application of the Established Rate retroactively to the effective date of the Agreement between the Parties.

1.10.2 AT&T MICHIGAN's provisioning of such orders for such Products or Services is expressly subject to this Section 1.10 and in no way constitutes a waiver of AT&T MICHIGAN's right to charge and collect payment for such Products and/or Services.

2. RECURRING CHARGES

2.1 Unless otherwise identified in the Pricing Tables, where rates are shown as monthly, a month will be defined as a 30 day calendar month. The minimum term for each monthly rated Unbundled Network Element (UNE), Resale, Other (Resale), Other and Reciprocal Compensation elements will be one (1)

month. After the initial month, billing will be on the basis of whole or fractional months used. The minimum term for non-monthly rated UNEs, if applicable, will be specified in the rate table included in this Appendix. A longer minimum service period may apply for Lawful UNEs provided under the BFR process, as set forth in the Lawful UNEs Appendix of this Agreement.

2.2 For purposes of reciprocal compensation only, measurement of minutes of use over Local Interconnection Trunk Groups shall be in actual conversation seconds. The total conversation seconds over each individual Local Interconnection Trunk Group will be totaled for the entire monthly bill and then rounded to the next whole minute.

2.2 Where rates are distance sensitive, the mileage will be calculated on the airline distance involved between the locations. To determine the rate to be billed AT&T MICHIGAN will first compute the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association, Inc. Tariff FCC No 4. When the calculation results in a fraction of a mile, AT&T MICHIGAN will round up to the next whole mile before determining the mileage and applying rates.

3. NON-RECURRING CHARGES

3.1 Where rates consist of usage sensitive charges or per occurrence charges, such rates are classified as "non-recurring charges".

3.2 Nonrecurring Charges may be applicable for all five (5) categories of rates.

3.3 Consistent with FCC Rule 51.307(d), there may be non-recurring charges for each Lawful UNE.

3.4 For Resale, when a CLEC converts an End User currently receiving non-complex service from the AT&T MICHIGAN network, without any changes to AT&T MICHIGAN's network, the normal service order charges and/or nonrecurring charges associated with said additions and/or changes will apply.

3.5 CLEC shall pay a non-recurring charge when a CLEC adds a signaling point code. The rates and charges for signaling point code(s) are identified in the applicable access tariffs. This charge also applies to point code information provided by CLEC allowing others to use CLEC's SS7 signaling network.

3.6 CLEC shall pay a service order processing/administration charge for each service order submitted by CLEC to AT&T MICHIGAN to process a request for installation, disconnection, rearrangement, changes to or record orders for Lawful UNEs and Resale.

3.7 Some items, which must be individually charged (e.g., extraordinary charges, CLEC Changes and etc.), are billed as nonrecurring charges.

3.8 Time and Material charges (a.k.a. additional labor charges) are defined in the Pricing Tables.

4. BILLING

4.1 For information regarding billing, non-payment, disconnects and dispute resolution, see the General Terms and Conditions of this Agreement.

Line	MICHIGAN - Generic Pricing Schedule /1/	USOC	AT&T RECURRING Monthly	AT&T NON-RECURRING Initial	AT&T NON-RECURRING Additional
	NETWORK ELEMENTS				
	Loops				
	Loops				
1	2-Wire Analog - Rural (Zone C)	U2HC1-C5	$ 14.20	See NRC prices below	
2	2-Wire Analog - Suburban (Zone B)	U2HB1-B3	$ 10.77	See NRC prices below	
3	2-Wire Analog - Metro (ZoneA)	U2HAA	$ 9.13	See NRC prices below	
4	Conditioning for dB Loss				
5	2-Wire Analog - Ground Start, Analog DID/Reverse Battery - Rural (Zone C)	U2WC1-C5	$ 14.47	See NRC prices below	
6	2-Wire Analog - Ground Start, Analog DID/Reverse Battery - Suburban (Zone B)	U2WB1-B3	$ 11.05	See NRC prices below	
7	2-Wire Analog - Ground Start, Analog DID/Reverse Battery - Metro (ZoneA)	U2WAA	$ 9.26	See NRC prices below	
8	2-Wire Analog - Ground Start, PBX - Rural (Zone C)	U2JC1-C5	$ 14.47	See NRC prices below	
9	2-Wire Analog - Ground Start, PBX - Suburban (Zone B)	U2JB1-B3	$ 11.05	See NRC prices below	
10	2-Wire Analog - Ground Start, PBX - Metro (Zone A)	U2JAA	$ 9.26	See NRC prices below	
11	2-Wire Analog - COPTS Coin - Rural (Zone C)	U2CC1-C5	$ 14.72	See NRC prices below	
12	2-Wire Analog - COPTS Coin - Suburban (Zone B)	U2CB1-B3	$ 11.32	See NRC prices below	
13	2-Wire Analog - COPTS Coin - Metro (Zone A)	U2CAA	$ 9.45	See NRC prices below	
14	2-Wire Analog - EKL - Rural (Zone C)	U2KC1-C5	$ 15.88	See NRC prices below	
15	2-Wire Analog - EKL - Suburban (Zone B)	U2KB1-B3	$ 12.57	See NRC prices below	
16	2-Wire Analog - EKL - Metro (ZoneA)	U2KAA	$ 10.35	See NRC prices below	
17	4-Wire Analog - Rural (Zone C)	U4HC1-C5	$ 33.16	See NRC prices below	
18	4-Wire Analog - Suburban (Zone B)	U4HB1-B3	$ 26.66	See NRC prices below	
19	4-Wire Analog - Metro (Zone A)	U4HAA	$ 21.83	See NRC prices below	
20	2-Wire Digital - Rural (Zone C)	U2QC1-C5	$ 19.93	See NRC prices below	
21	2-Wire Digital - Suburban (Zone B)	U2QB1-B3	$ 16.22	See NRC prices below	
22	2-Wire Digital - Metro (Zone A)	U2QAA	$ 12.66	See NRC prices below	
23	DS1 Loop - Rural (Zone C)	4U1C1-C5	$ 51.71	See NRC prices below	
24	DS1 Loop - Suburban (Zone B)	4U1B1-B3	$ 44.01	See NRC prices below	
25	DS1 Loop - Metro (Zone A)	4U1AA	$ 40.65	See NRC prices below	
26	DS3 Loop - Rural (Zone C)	U4D3C	$ 479.37	See NRC prices below	
27	DS3 Loop - Suburban (Zone B)	U4D3B	$ 379.38	See NRC prices below	
28	DS3 Loop - Metro (Zone A)	U4D3A	$ 321.94	See NRC prices below	
29					
30					
31	**DSL Capable Loops**				
32	2-Wire xDSL Loop				
33	PSD #1 - 2-Wire xDSL Loop Access Area C- Rural	2SLA3	$ 17.02	TBD	N/A
34	PSD #1 - 2-Wire xDSL Loop Access Area B- Suburban	2SLA2	$ 11.42	TBD	N/A
35	PSD #1 - 2-Wire xDSL Loop Access Area A- Metro	2SLA1	$ 9.51	TBD	N/A
36					
37	PSD #2 - 2-Wire xDSL Loop Access Area C- Rural	2SLC3	$ 17.02	TBD	N/A
38	PSD #2 - 2-Wire xDSL Loop Access Area B- Suburban	2SLC2	$ 11.42	TBD	N/A
39	PSD #2 - 2-Wire xDSL Loop Access Area A- Metro	2SLC1	$ 9.51	TBD	N/A
40					
41	PSD #3 - 2-Wire xDSL Loop Access Area C- Rural	2SLB3	$ 17.02	See NRC prices below	
42	PSD #3 - 2-Wire xDSL Loop Access Area B- Suburban	2SLB2	$ 11.42	See NRC prices below	
43	PSD #3 - 2-Wire xDSL Loop Access Area A- Metro	2SLB1	$ 9.51	See NRC prices below	
44					
45	PSD #4 - 2-Wire xDSL Loop Access Area C- Rural	2SLD3	$ 17.02	TBD	N/A
46	PSD #4 - 2-Wire xDSL Loop Access Area B- Suburban	2SLD2	$ 11.42	TBD	N/A
47	PSD #4 - 2-Wire xDSL Loop Access Area A- Metro	2SLD1	$ 9.51	TBD	N/A
48					
49	PSD #5 - 2-Wire xDSL Loop Access Area C- Rural	UWRA3	$ 17.02	See NRC prices below	
50	PSD #5 - 2-Wire xDSL Loop Access Area B- Suburban	UWRA2	$ 11.42	See NRC prices below	
51	PSD #5 - 2-Wire xDSL Loop Access Area A- Metro	UWRA1	$ 9.51	See NRC prices below	
52					
53	PSD #7 - 2-Wire xDSL Loop Access Area C- Rural	2SLF3	$ 17.02	TBD	N/A
54	PSD #7 - 2-Wire xDSL Loop Access Area B- Suburban	2SLF2	$ 11.42	TBD	N/A
55	PSD #7 - 2-Wire xDSL Loop Access Area A- Metro	2SLF1	$ 9.51	TBD	N/A
56	4-Wire xDSL Loop				
57	PSD #3 - 4-Wire xDSL Loop Access Area C- Rural	4SL13	$ 32.35	See NRC prices below	
58	PSD #3 - 4-Wire xDSL Loop Access Area B- Suburban	4SL12	$ 20.96	See NRC prices below	
59	PSD #3 - 4-Wire xDSL Loop Access Area A- Metro	4SL11	$ 17.51	See NRC prices below	
60	**IDSL Capable Loop**				
61	IDSL Loop Access Area C - Rural	UY5FC	$ 19.93	See NRC prices below	
62	IDSL Loop Access Area B - Suburban	UY5FB	$ 16.22	See NRC prices below	
63	IDSL Loop Access Area A - Metro	UY5FA	$ 12.66	See NRC prices below	
64					
65	**Loop Non-Recurring Charges**				
66	Service Order- Initial /1/ /2/ /5/ /7/ /8/	SEPUP	N/A	$ 3.62	N/A
67	Service Order- Disconnect	NR9OE	N/A	$ 1.77	N/A
68	Service Order- Subsequent	REAH9	N/A	$ 3.46	N/A
69	Loop Connection /1/ /2/ /5/ /7/ /8/	SEPUC	N/A	$ 20.43	N/A
70	Loop Disconnect	NR9OG	N/A	$ 6.71	N/A
71	Loop - Record Work Only	NR9UP	N/A	$ 2.13	N/A
72	Loop Connection - Add/Change	REAH5	N/A	$ 20.43	N/A
73	**DS0 - Service Non-Recurring**				
74	Administration Charge, per order - Install /1/ /2/ /5/ /7/ /8/	NR9OH	N/A	$0.00	N/A
75	Design and CO Connection Charge, per circuit - Install /1/ /2/ /5/ /7/ /8/	NR9OK	N/A	$ 74.94	N/A
76	Carrier Connection Charge per Termination - Install /1/ /2/ /5/ /7/ /8/	NR9ON	N/A	$ 239.23	N/A
77	Administration Charge, per order - Disconnect	NR9OJ	N/A	$0.00	N/A
78	Design and CO Connection Charge, per circuit - Disconnect	NR9OM	N/A	$ 56.56	N/A
79	Carrier Connection Charge per Termination - Disconnect	NR9OQ	N/A	$ 82.32	N/A
80	Cancellation or Change Service Charge-Analog Loop, per last critical date reached				
81	Design Layout Report Date /7/	NR95O	N/A	$ -	N/A
82	Records Issue Date /7/	NR95P	N/A	$ -	N/A

TBD - To be determined
NRO - Nonrecurring only
ICB - Individual Case Basis
NA - Not Applicable

	MICHIGAN - Generic Pricing Schedule /1/				AT&T RECURRING		AT&T NON-RECURRING	
Line				USOC	Monthly		Initial	Additional
83			Designed, Verified, and Assigned Date /7/	NR95Q	N/A		$ 7.76	N/A
84			Plant Test Date /7/	NR95R	N/A		$ 52.27	N/A
85		Cancellation or Change Service Charge-DS0 Loop, per last critical date reached						
86			Design Layout Report Date /7/	NR95S	N/A		$0.00	N/A
87			Records Issue Date /7/	NR95T	N/A		$0.00	N/A
88			Designed, Verified, and Assigned Date /7/	NR95U	N/A		$0.00	N/A
89			Plant Test Date /7/	NR95V	N/A		$0.00	N/A
90		Due Date Change Charge, per Order, per Occasion						
91			Analog Loop /7/	NR955	N/A		$ 3.62	N/A
92			DS0 Loop /7/	NR956	N/A		$ 0.26	N/A
93		**DS1 - Service Non-Recurring Charges**						
94		Administration Charge, per order - Install /1/ /2/ /5/ /7/ /8/		NR9OR			$ 3.54	
95		Provisioning Charge, per circuit, Install		PENDING			$ 63.95	
96		Administration Charge, per order - Disconnect		NR9OT			$ 2.13	
97		Provisioning Charge, per circuit, Disconnect		PENDING			$ 41.42	
98		Cancellation or Change Service Charge-DS0 Loop, per last critical date reached		PENDING			$ 2.38	
99			Digital DS1 Loops - Design Layout Report Date	NR95W			$ 15.04	
100			Digital DS1 Loops - Record Issue Date	NR95X			$ 15.04	
101			Digital DS1 Loops - Designed, Verified & Assigned Date	NR95Y			$ 45.33	
102			Digital DS1 Loops - Plant Test Date	NR95Z			$ 65.75	
103		**DS3 - Service Non-Recurring Charges**						
104		Administration Charge, per order - Install /1/ /2/ /5/ /7/ /8/		NR9OY			$ 3.54	
105		Provisioning Charge, per circuit, Install		PENDING			$ 91.29	
106		Administration Charge, per order - Disconnect		NR9OZ			$ 2.13	
107		Provisioning Charge, per circuit, Disconnect		PENDING			$ 31.48	
108		Cancellation or Change Service Charge-DS0 Loop, per last critical date reached		PENDING			$ 2.38	
109			Digital DS3 Loops - Design Layout Report Date	NR951			$ 16.05	
110			Digital DS3 Loops - Record Issue Date	NR952			$ 16.05	
111			Digital DS3 Loops - Designed, Verified & Assigned Date	NR953			$ 43.27	
112			Ditigal DS3 Loops - Plant Test Date	NR954			$ 66.14	
113								
114	**Service Coordination Fee, per central office /4/**			UFE	$ 5.39		N/A	N/A
115								
116		**LST**						
117		Line & Station Transfer(LST) performed on CODSLAM Loop		URCLD	N/A		$ 151.21	
118		Line & Station Transfer(LST) performed on Sub Loop		URCLB	N/A		$ 133.44	
119								
120	**Loop Qualification Process**							
121		Loop Qualification Process - Mechanized		NR98U	N/A		$0.00	N/A
122		Loop Qualification Process - Manual		NRBXU	N/A		$0.00	N/A
123								
124	**DSL Conditioning**							
125		**DSL Conditioning Options - >12KFT and < 17.5KFT**						
126			Removal of Repeater Options	NRBXV	N/A		$0.00	N/A
127			Removal Bridged Tap Option	NRBXW	N/A		$0.00	N/A
128			Removal of Load Coil	NRBXZ	N/A		$0.00	N/A
129		**DSL Conditioning Options - >17.5KFT in addition to the rates for > 12KFT and < 17.5KFT**						
130			Removal of Repeater Options	NRBNL	N/A		$0.00	N/A
131			Removal Bridged Tap Option	NRBNK	N/A		$0.00	N/A
132			Removal of Load Coil	NRBNJ	N/A		$0.00	N/A
133	**Remove All or NON-Excessive Bridged Tap (RABT) - MMP**							
134		Removal of non - excessive bridged tap DSL Loops > 0kft and < 17.5 Kft		NRMRJ			$ 552.22	
135		Removal of All bridged tap DSL Loops > 12 Kft to 17.5 Kft		NRMRP			$ 936.67	
136		Removal of non - excessive bridged tap DSL Loops > 17.5 Kft DSL Loops -						
137		per element incremental		NRMRS			$ 552.22	
138		Removal of All bridged tap DSL Loops > 17.5 Kft -per element incremental		NRMRM			$ 552.22	
139								
140	**SUB-LOOPS**							
141		ECS to SAI sub-loop						
142			2 Wire Analog - area A	PENDING	$ 1.10		See NRC prices below	
143			2 Wire Analog - area B	PENDING	$ 1.04		See NRC prices below	
144			2 Wire Analog - area C	PENDING	$ 1.10		See NRC prices below	
145			4 Wire Analog - area A	PENDING	$ 2.11		See NRC prices below	
146			4 Wire Analog - area B	PENDING	$ 2.00		See NRC prices below	
147			4 Wire Analog - area C	PENDING	$ 2.11		See NRC prices below	
148			2 Wire DSL - area A	PENDING	$ 1.07		See NRC prices below	
149			2 Wire DSL - area B	PENDING	$ 0.99		See NRC prices below	
150			2 Wire DSL - area C	PENDING	$ 1.04		See NRC prices below	
151			4 Wire DSL - area A	PENDING	$ 2.12		See NRC prices below	
152			4 Wire DSL - area B	PENDING	$ 1.96		See NRC prices below	
153			4 Wire DSL - area C	PENDING	$ 2.05		See NRC prices below	
154		ECS to Terminal sub-loop						
155			2 Wire Analog - area A	PENDING	$ 3.50		See NRC prices below	
156			2 Wire Analog - area B	PENDING	$ 4.14		See NRC prices below	
157			2 Wire Analog - area C	PENDING	$ 7.17		See NRC prices below	
158			4 Wire Analog - area A	PENDING	$ 6.33		See NRC prices below	
159			4 Wire Analog - area B	PENDING	$ 7.50		See NRC prices below	
160			4 Wire Analog - area C	PENDING	$ 13.39		See NRC prices below	
161			2 Wire DSL - area A	PENDING	$ 3.55		See NRC prices below	
162			2 Wire DSL - area B	PENDING	$ 4.21		See NRC prices below	
163			2 Wire DSL - area C	PENDING	$ 6.96		See NRC prices below	
164			4 Wire DSL - area A	PENDING	$ 6.82		See NRC prices below	
165			4 Wire DSL - area B	PENDING	$ 8.06		See NRC prices below	
166			4 Wire DSL - area C	PENDING	$ 13.69		See NRC prices below	
167		ECS to NID sub-loop						
168			2 Wire Analog - area A	PENDING	$ 5.17		See NRC prices below	
169			2 Wire Analog - area B	PENDING	$ 5.95		See NRC prices below	

TBD - To be determined
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NA - Not Applicable

	MICHIGAN - Generic Pricing Schedule /1/				AT&T RECURRING		AT&T NON-RECURRING	
Line				USOC	Monthly		Initial	Additional
170			2 Wire Analog - area C	PENDING	$ 9.21		See NRC prices below	
171			4 Wire Analog - area A	PENDING	$ 7.97		See NRC prices below	
172			4 Wire Analog - area B	PENDING	$ 9.12		See NRC prices below	
173			4 Wire Analog - area C	PENDING	$ 15.47		See NRC prices below	
174			2 Wire DSL - area A	PENDING	$ 5.27		See NRC prices below	
175			2 Wire DSL - area B	PENDING	$ 6.07		See NRC prices below	
176			2 Wire DSL - area C	PENDING	$ 8.95		See NRC prices below	
177			4 Wire DSL - area A	PENDING	$ 8.65		See NRC prices below	
178			4 Wire DSL - area B	PENDING	$ 9.86		See NRC prices below	
179			4 Wire DSL - area C	PENDING	$ 15.84		See NRC prices below	
180		SAI to Terminal sub-loop						
181			2 Wire Analog - area A	PENDING	$ 2.90		See NRC prices below	
182			2 Wire Analog - area B	PENDING	$ 3.55		See NRC prices below	
183			2 Wire Analog - area C	PENDING	$ 6.55		See NRC prices below	
184			4 Wire Analog - area A	PENDING	$ 5.17		See NRC prices below	
185			4 Wire Analog - area B	PENDING	$ 6.36		See NRC prices below	
186			4 Wire Analog - area C	PENDING	$ 12.19		See NRC prices below	
187			2 Wire DSL - area A	PENDING	$ 2.95		See NRC prices below	
188			2 Wire DSL - area B	PENDING	$ 3.61		See NRC prices below	
189			2 Wire DSL - area C	PENDING	$ 6.34		See NRC prices below	
190			4 Wire DSL - area A	PENDING	$ 5.66		See NRC prices below	
191			4 Wire DSL - area B	PENDING	$ 6.92		See NRC prices below	
192			4 Wire DSL - area C	PENDING	$ 12.49		See NRC prices below	
193		SAI to NID sub-loop						
194			2 Wire Analog - area A	PENDING	$ 4.57		See NRC prices below	
195			2 Wire Analog - area B	PENDING	$ 5.35		See NRC prices below	
196			2 Wire Analog - area C	PENDING	$ 8.59		See NRC prices below	
197			4 Wire Analog - area A	PENDING	$ 6.81		See NRC prices below	
198			4 Wire Analog - area B	PENDING	$ 7.98		See NRC prices below	
199			4 Wire Analog - area C	PENDING	$ 14.27		See NRC prices below	
200			2 Wire DSL - area A	PENDING	$ 4.67		See NRC prices below	
201			2 Wire DSL - area B	PENDING	$ 5.48		See NRC prices below	
202			2 Wire DSL - area C	PENDING	$ 8.33		See NRC prices below	
203			4 Wire DSL - area A	PENDING	$ 7.49		See NRC prices below	
204			4 Wire DSL - area B	PENDING	$ 8.72		See NRC prices below	
205			4 Wire DSL - area C	PENDING	$ 14.64		See NRC prices below	
206		Terminal to NID sub-loop						
207			2 Wire Analog - area A	PENDING	$ 2.13		See NRC prices below	
208			2 Wire Analog - area B	PENDING	$ 2.28		See NRC prices below	
209			2 Wire Analog - area C	PENDING	$ 2.56		See NRC prices below	
210			4 Wire Analog - area A	PENDING	$ 2.13		See NRC prices below	
211			4 Wire Analog - area B	PENDING	$ 2.07		See NRC prices below	
212			4 Wire Analog - area C	PENDING	$ 2.69		See NRC prices below	
213			2 Wire DSL - area A	PENDING	$ 2.20		See NRC prices below	
214			2 Wire DSL - area B	PENDING	$ 2.36		See NRC prices below	
215			2 Wire DSL - area C	PENDING	$ 2.50		See NRC prices below	
216			4 Wire DSL - area A	PENDING	$ 2.37		See NRC prices below	
217			4 Wire DSL - area B	PENDING	$ 2.29		See NRC prices below	
218			4 Wire DSL - area C	PENDING	$ 2.78		See NRC prices below	
219		NID sub-loop element						
220			2 Wire Analog - area A	PENDING	$ 0.16		See NRC prices below	
221			2 Wire Analog - area B	PENDING	$ 0.15		See NRC prices below	
222			2 Wire Analog - area C	PENDING	$ 0.15		See NRC prices below	
223			4 Wire Analog - area A	PENDING	$ 0.33		See NRC prices below	
224			4 Wire Analog - area B	PENDING	$ 0.31		See NRC prices below	
225			4 Wire Analog - area C	PENDING	$ 0.32		See NRC prices below	
226			2 Wire DSL - area A	PENDING	$ 0.16		See NRC prices below	
227			2 Wire DSL - area B	PENDING	$ 0.15		See NRC prices below	
228			2 Wire DSL - area C	PENDING	$ 0.15		See NRC prices below	
229			4 Wire DSL - area A	PENDING	$ 0.33		See NRC prices below	
230			4 Wire DSL - area B	PENDING	$ 0.31		See NRC prices below	
231			4 Wire DSL - area C	PENDING	$ 0.32		See NRC prices below	
232			2 Wire ISDN Compatible - area A	PENDING	$ 0.16		See NRC prices below	
233			2 Wire ISDN Compatible - area B	PENDING	$ 0.15		See NRC prices below	
234			2 Wire ISDN Compatible - area C	PENDING	$ 0.15		See NRC prices below	
235			4Wire DS1 Compatible - area A	PENDING	TBD		See NRC prices below	
236			4Wire DS1 Compatible - area B	PENDING	TBD		See NRC prices below	
237			4Wire DS1 Compatible - area C	PENDING	TBD		See NRC prices below	
238								
239	**Sub-Loop Non-Recurring Charges**							
240	**Analog Sub-Loop**							
241		**Service Ordering Charges**						
242			Installation, per occasion per location	PENDING	NA		$ 3.62	NA
243			Disconnect, per occasion per location	PENDING	NA		$ 2.13	NA
244			Subsequent, per occasion	PENDING	NA		$ 3.02	NA
245			Record Work, per occasion	PENDING	NA		$ 1.86	NA
246			Add or Change, per occasion	PENDING	NA		$ 3.54	NA
247		Sub-Loop Connection Charge, per termination		PENDING	NA		$ 17.82	NA
248		Sub-Loop Disconnection Charge, per termination		PENDING	NA		$ 5.85	NA
249		**Sub Loop Provisioning Connect**						
250			2-Wire Analog	PENDING			$ 20.20	NA
251			4-Wire Analog	PENDING			$ 20.20	NA
252			2-Wire DSL	PENDING			$ 20.20	NA
253			4-Wire DSL	PENDING			$ 20.20	NA
254			2-Wire ISDL	PENDING			$ 20.20	NA
255			4-Wire DS1	PENDING			$ 146.76	NA

TBD - To be determined
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NA - Not Applicable

	MICHIGAN - Generic Pricing Schedule /1/				AT&T RECURRING		AT&T NON-RECURRING	
Line				USOC	Monthly		Initial	Additional
256		**Sub Loop Provisioning Disconnect**						
257			2-Wire Analog	PENDING			$ 6.71	NA
258			4-Wire Analog	PENDING			$ 6.71	NA
259			2-Wire DSL	PENDING			$ 6.71	NA
260			4-Wire DSL	PENDING			$ 6.71	NA
261			2-Wire ISDL	PENDING			$ 6.71	NA
262			4-Wire DS1	PENDING			$ 52.02	NA
263		**Sub Loop Conditioning**						
264			For Sub Loop Facilities > 12Kft. And < 17.5Kft.					
265			Remove Load Coils	PENDING			$0.00	NA
266			Remove Bridged Tap	PENDING			$0.00	NA
267			Remove Repeater	PENDING			$0.00	NA
268			For Sub Loop Facilities > 17.5Kft. In addition to the rates for >12Kft. < 17Kft.					
269			Remove Load Coils	PENDING			$0.00	NA
270			Remove Bridged Tap	PENDING			$0.00	NA
271			Remove Repeater	PENDING			$0.00	NA
272								
273	**Cross Connects**							
274		2-Wire /4/		CXCT2	$ 0.13		NA	NA
275		4-Wire		CXCT4	$ 0.27		NA	NA
276		DS1/LT1		CXCDX	$ 16.46		NA	NA
277		DS3/LT3		CXCEX	NA		NA	NA
278		DS3 C.O. Cross-Connect to Collocation		CXCBX	$ 27.86		NA	NA
279								
280	**DS1**	**Interoffice Mileage Per Point of Termination**						
281		Zone 1		CZ4X1	$ 12.39			
282		Zone 2		CZ4X2	$ 12.28			
283		Zone 3		CZ4X3	$ 13.17			
284		Interzone		CZ4X4	$ 13.36			
285	**DS1**	**Interoffice Milage Per Mile**						
286		Zone 1		1YZX1	$ 0.69			
287		Zone 2		1YZX2	$ 0.77			
288		Zone 3		1YZX3	$ 0.50			
289		Interzone		1YZX4	$ 0.20			
290	**DS1**	**Clear Channel Capability - Per DS1 Circuit Arranged**						
291		All Zones Connect		CLYX1-X3			$ 75.28	
292		All Zones Disconnect		Pending			$ 6.65	
293								
294	**DS1**	**Interoffice NRC (Connect + Disconnect)**						
295		Connect Zone 1		Pending			$ 57.80	
296		Connect Zone 2		Pending			$ 57.80	
297		Connect Zone 3		Pending			$ 57.80	
298		Disconnect Zone 1		Pending			$ 22.70	
299		Disconnect Zone 2		Pending			$ 22.70	
300		Disconnect Zone 3		Pending			$ 22.70	
301								
302	DS1	Installation and Rearrangement - Admin.Charge,Connect, Per Order		ORCMX			$ 3.14	
303		Installation and Rearrangement - Admin.Charge,Disconnect, Per Order		NRBCL			$ 2.13	
304								
305	**DS3**	**Interoffice Milage Termination - Per Point of Termination**						
306		Zone 1		CZ4W1	$ 129.82			
307		Zone 2		CZ4W2	$ 114.98			
308		Zone 3		CZ4W3	$ 110.02			
309		Interzone		CZ4W4	$ 121.50			
310	**DS3**	**Interoffice Mileage - Per Mile**						
311		Zone 1		1YZB1	$ 6.20			
312		Zone 2		1YZB2	$ 3.84			
313		Zone 3		1YZB3	$ 9.52			
314		Interzone		1YZB4	$ 3.73			
315								
316	**DS3**	**Interoffice NRC (Connect + Disconnect)**						
317		Connect Zone 1		Pending			$ 74.59	
318		Connect Zone 2		Pending			$ 74.59	
319		Connect Zone 3		Pending			$ 74.59	
320		Disconnect Zone 1		Pending			$ 22.70	
321		Disconnect Zone 2		Pending			$ 22.70	
322		Disconnect Zone 3		Pending			$ 22.70	
323								
324	DS3	Installation and Rearrangement - Admin.Charge,Connect, Per Order		ORCMX			$ 3.14	
325		Installation and Rearrangement - Admin.Charge,Disconnect, Per Order		NRBCL			$ 2.13	
326								
327	**Multiplexing**							
328		DS1 to Voice Grade All Zones, Per Arrangement		QMVX1-X3	$ 280.24		NA	NA
329		DS3 to DS1 All Zones, Per Arrangement		QM3X1-X3	$ 414.55		NA	NA
330								
331	**Dedicated Transport Cross Connects**							
332		DS1		CXCDX	$ 0.54		NA	NA
333		DS3		CXCEX	$ 16.46		NA	NA
334	**Cancellation or Change Service Charge, per Last Critical Date Reached**							
335		DS1						
336			Service Order Portion to be applied to each critical date below	Pending			$ 2.07	
337			Designe Lay Out Report Date	NR95W			$ 21.09	
338			Records Issue Date	NR95X			$ 21.09	
339			Designed Verified and Assigned Date	NR95Y			$ 31.63	
340			Plant Test Date	NR95Z			$ 59.16	
341		DS3	Service Order Portion to be applied to each critical date below	Pending	NA		$ 2.07	NA
342			Designe Lay Out Report Date	NR95S	NA		$ 20.38	NA

TBD - To be determined
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Line	MICHIGAN - Generic Pricing Schedule /1/	USOC	AT&T RECURRING Monthly		AT&T NON-RECURRING Initial	Additional
343	Records Issue Date	NR95T	NA		$ 20.97	NA
344	Designed Verified and Assigned Date	NR95U	NA		$ 53.61	NA
345	Plant Test Date	NR95V	NA		$ 76.53	NA
346						
347	**Due Date Change Charge Per Order or Occasion**					
348	DS1	Pending			$ 0.43	
349	DS3	Pending			$ 0.43	
350						
351	**Dark Fiber**					
352	Dark Fiber Interoffice					
353	Dark Fiber Interoffice Termination (Per Termination per Fiber)	ULYCX	$ 25.34		NA	NA
354	Dark Fiber Interoffice Mileage (Per Fiber per Foot)	ULNCF	$ 0.002196		NA	NA
355	Dark Fiber Interoffice Cross Connect (Per Termination per Fiber)	UKCJX	$ 2.11		NA	NA
356	Inquiry (Per Request)					
357	Dark Fiber Interoffice Transport - NRC	NR9D6	NA		$ 338.03	NA
358	Interoffice inquiry (Service Order) Charge, per request				$ 2.33	
359	FIRM ORDER (Per Fiber Strand)					
360	Installation					
361	Administrative per Order	NRB51	NA		$ 14.35	NA
362	Dark Fiber Interofcfice Transport - NRC	NRB54	NA		$ 466.62	NA
363	Disconnect					
364	Administrative per Order	NR9H2	NA		$ 14.12	NA
365	Dark Fiber Interoffice Transport - NRC	NR9H5	NA		$ 137.30	NA
366						
367	**Routine Modifications**					
368	Routine Modifications of Existing Facilities Charge	N3RUE	NA		ICB	NA
369						
370	**LNP**					
371	Local Number Portability /9/	NSR	$0.00		N/A	
372	Maintenance of Service Charge	VRP	NA		$ 71.00	
373						
374	***OTHER***					
375	**Directory Assistance**					
376	**Directory Assistance**					
377	Directory Assistance, per call	OPEN	$ 0.40		NA	NA
378	National Directory Assistance (NDA), per call	OPEN	$ 0.65		NA	
379	National Directory Assistance (RDA), per call	OPEN	$ 0.65		NA	
380	Business Category Search (BCS) where applicable, per call	OPEN	$ 0.65		NA	
381	Directory Assistance Call Completion (DACC), per call	OPEN	$ 0.15		NA	
382						
383	**OS/DA Automated Call Greeting and References/Rates**				NA	
384	Branding - Other - Initial/Subsequent Load, per switch, per OCN	OPEN			$1,800.00	$1,800.00
385	Branding and Reference/Rate Look Up, per OS/DA call	OPEN	$ 0.03			NA
386	Branding - Facility Based - Initial/Subsequent Load					
387	- Branding, per trunk group	OPEN			$800.00	$800.00
388	Rate Reference - Initial Load, per state, per OCN	OPEN			$5,000.00	
389	Rate Reference - Subsequent Load, per state, per OCN	OPEN			NA	$1,500.00
390						
391	**Operator Services**					
392	Fully Automoated Call Processing, per call	OPEN	$0.15		NA	NA
393	Operator Assisted Call Processing - All Types (Including Busy Line Verify (BLV)	OPEN				
394	and Busy Line Verification/Interrupt {BLVI}) per work second	OPEN	$0.03		NA	NA
395						
396	**DA Listing Liscense**					
397	Option #1 Full File (all states inclusive) Non-Billable Release (no query charges)					
398	- per listing for initial load	OPEN	NA		$ 0.040	NA
399	- per listing for subsequent updates	OPEN	NA		$ 0.060	NA
400	Option #2 Full File (all states inclusive) Billable Release					
401	- per listing for initial load	OPEN	NA		$ 0.020	NA
402	- per listing for subsequent updates	OPEN	NA		$ 0.030	NA
403	- per usage/query	OPEN	NA		$ 0.020	NA
404	Option #3 Pick & Choose (by state) Non-billable Release (no query charges)					
405	- per listing for initial load	OPEN	NA		$ 0.050	NA
406	- per listing for subsequent updates	OPEN	NA		$ 0.060	NA
407	Option #4 Pick & Choose (by state) Billable Release					
408	- per listing for initial load	OPEN	NA		$ 0.020	NA
409	- per listing for subsequent updates	OPEN	NA		$ 0.030	NA
410	- per usage/query	OPEN	NA		$ 0.020	NA
411						
412	**Operator Services**					
413	Fully Automated Call Processing, per occurrence	OPEN	$ 0.017312		NA	NA
414	Operator Assisted Call Processing, per work second	OPEN	$ 0.276712		NA	NA
415	Branding - Other - Initial/Subsequent Load	OPEN			1,098.67	143.75
416	- per call	OPEN	$ 0.003090			
417	Branding - Facility Based - Initial/Subsequent Load					
418	- Branding, per trunk group	OPEN	NA		$ 800.00	NA
419	Rate Reference - Initial Load	OPEN	NA		$ 2,200.00	NA
420	Rate Reference - Subsequent Rater Load or Reference Load	OPEN	NA		$ 1,000.00	NA
421						
422	**Ancillary Message Compensation (per message)**	OPEN	0.03		N/A	N/A
423						
424	**Structure Access - Poles & Ducts**		Annually			
425	Poles ($/attachment/yr.)* ##	OPEN	$ 1.57			
426	Per Foot Conduit Occupancy Fees ##	OPEN				
427	Full Duct ($/ft/yr.)	OPEN	$ 0.76			
428	Half Duct ($/ft/yr)	OPEN	$ 0.38			
429	Application fee	OPEN			$ 200.00	

TBD - To be determined
NRO - Nonrecurring only
ICB - Individual Case Basis
NA - Not Applicable

Line	MICHIGAN - Generic Pricing Schedule /1/	USOC	AT&T RECURRING Monthly		AT&T NON-RECURRING Initial	Additional
430	Unauthorized Attachment Fee				$ 500.00	Per Pole
431	Unauthorized Occupancy Fee				$ 50.00	Per Conduit Foot
432						
433	*For (1) each one foot of usable space, or fraction thereof, occupied and (2) each					
434	additional one foot of space, or fraction thereof, rendered unusable by the attachment's presence.					
435						
436	## Note: All pole and conduit license fees are for a period of one year from January 1 thru					
437						
438	**Emenrgency Number Service Access**					
439	911 Selective Router Interconnection					
440	-Each DSO installed					
441	-Analog Channel Interface	EVG9X	$ 19.81			$ 496.18
442	ANI/ALI/SR and Database Management					
443	- Per 100 records, rounded up to nearest 100	9S89X	$ 3.93			$0.00
444	911 Selective Router Switch Administration					
445	-Per Selective Router					
446						
447	**INTERCARRIER COMPENSATION**					
448	**End Office Local Termination**					
449	Set up charge, per call	USAGE	$ 0.000622			
450	Duration charge, per MOU	USAGE	$ 0.000521			
451	**Tandem Switching**					
452	Set up charge, per call	USAGE	$ 0.000322			
453	Duration charge, per MOU	USAGE	$ 0.000337			
454	**Tandem Transport Termination**					
455	Set up charge, per call	USAGE	$ 0.000077			
456	Duration charge, per MOU	USAGE	$ 0.000081			
457	**Tandem Transport Facility Mileage, per MOU per mile**	USAGE	$ 0.000001			
458						
459	***Rate for Presumed ISP-bound Traffic as per FCC 01-131***		0.0007			
460	***RESALE***		***RESALE DISCOUNTS***			
461	**BUSINESS**		RECURRING		NON-RECURRING	
462	**LOCAL EXCHANGE SERVICE**					
463	Business 1 Party	RESALE	16.62%		16.62%	
464	Business - Measured	RESALE	16.62%		16.62%	
465	Customer Operated Pay Telephone (COPT)	RESALE	16.62%		16.62%	
466						
467	**EXPANDED LOCAL CALLING**					
468	Interzone	RESALE	16.62%		16.62%	
469						
470	**VERTICAL SERVICES**					
471	Anonymous Call Rejection	RESALE	16.62%		16.62%	
472	Repeat Dialing (Auto Redial)	RESALE	16.62%		16.62%	
473	Repeat Dialing-Per Use (Auto Redial - Usage Sensitive)	RESALE	16.62%		16.62%	
474	Call Blocker	RESALE	16.62%		16.62%	
475	Call Forwarding	RESALE	16.62%		16.62%	
476	Call Forwarding - Busy Line	RESALE	16.62%		16.62%	
477	Call Forwarding - Busy Line/Don't Answer	RESALE	16.62%		16.62%	
478	Call Forwarding - Don't Answer	RESALE	16.62%		16.62%	
479	Automatic CallBack (Call Return)	RESALE	16.62%		16.62%	
480	Automatic CallBack-Per Use (Call Return - Usage Sensitive)	RESALE	16.62%		16.62%	
481	Call Trace	RESALE	16.62%		16.62%	
482	Call Waiting	RESALE	16.62%		16.62%	
483	Caller ID With Name (Calling Name)	RESALE	16.62%		16.62%	
484	Caller ID (Calling Number)	RESALE	16.62%		16.62%	
485	MultiRing Service -1 (Personalized Ring -1 Dependent Number)	RESALE	16.62%		16.62%	
486	MultiRing Service -2 (Personalized Ring - 2 Dependent Numbers)	RESALE	16.62%		16.62%	
487	Remote Access to Call Forwarding (Grandfathered)	RESALE	0%		0%	
488	Selective Call Forwarding	RESALE	0%		0%	
489	Multi-Path Call Forwarding (Simultaneous Call Forwarding)	RESALE	16.62%		16.62%	
490	Remote Call Forwarding-Per Feature	RESALE	16.62%		16.62%	
491	RCF, Interstate, Interexchange	RESALE	16.62%		16.62%	
492	RCF, Intrastate	RESALE	16.62%		16.62%	
493	RCF, Interstate, International	RESALE	16.62%		16.62%	
494	RCF, Intrastate, Interexchange	RESALE	16.62%		16.62%	
495	RCF to 800	RESALE	16.62%		16.62%	
496	RCF Additional	RESALE	16.62%		16.62%	
497	Speed Calling 8	RESALE	16.62%		16.62%	
498	Speed Calling 30	RESALE	16.62%		16.62%	
499	Three Way Calling	RESALE	16.62%		16.62%	
500	Call Screening	RESALE	16.62%		16.62%	
501	Busy Line Transfer	RESALE	16.62%		16.62%	
502	Alternate Answer	RESALE	16.62%		16.62%	
503	Message Waiting - Tone	RESALE	16.62%		16.62%	
504	Easy Call	RESALE	16.62%		16.62%	
505	Prime Number Service	RESALE	16.62%		16.62%	
506	AT&T Michigan Privacy Manager	RESALE	16.62%		16.62%	
507	Name and Number Delivery Service	RESALE	16.62%		16.62%	
508						
509	**DID**					
510	DID	RESALE	16.62%		16.62%	
511						
512	**TRUNKS**					
513	Trunk	RESALE	16.62%		16.62%	
514						
515	**AIN**					
516	Area Wide Networking	RESALE	16.62%		16.62%	

TBD - To be determined
NRO - Nonrecurring only
ICB - Individual Case Basis
NA - Not Applicable

Line	MICHIGAN - Generic Pricing Schedule /1/	USOC	AT&T RECURRING Monthly	AT&T NON-RECURRING Initial	Additional
517	AT&T Michigan Switch Alternate Routing (ANSAR)	RESALE	16.62%	16.62%	
518	AT&T Michigan Customer Location Alternate Routing (ACLAR)	RESALE	16.62%	16.62%	
519					
520	**OTHER**				
521	Grandfathered Services	RESALE	0.00%	0.00%	
522	Promotions (Greater than 90 days)	RESALE	16.62%	16.62%	
523	TouchTone (Business)	RESALE	16.62%	16.62%	
524	TouchTone (Trunk)	RESALE	16.62%	16.62%	
525	900/976 Call Blocking (900/976 Call Restriction)	RESALE	0%	0%	
526	976 (976 Information Delivery Service)	RESALE	0%	0%	
527	Access Services (See Access Tariff)	RESALE	0%	0%	
528	Additional Directory Listings	RESALE	16.62%	16.62%	
529	Carrier Disconnect Service (Company Initiated Suspension Service)	RESALE	0%	0%	
530	Connection Services	RESALE	16.62%	16.62%	
531	Premise Services/Line Backer (Maintenance of Service Charges)	RESALE	0%	0%	
532	Shared Tenant Service	RESALE	0%	0%	
533					
534	**Data Services**				
535	Gigabit Ethernet Metropolitan Area Network (GigaMAN)	RESALE	16.62%	16.62%	
536	PBX Trunks	RESALE	16.62%	16.62%	
537	Mulit-Service Optical Network (MON)	RESALE	16.62%	16.62%	
538	OCn-PTP	RESALE	16.62%	16.62%	
539	ADTS-E	RESALE	16.62%	16.62%	
540	DS0	RESALE	16.62%	16.62%	
541	DS1	RESALE	16.62%	16.62%	
542	DS3	RESALE	16.62%	16.62%	
543					
544	**ISDN**				
545	ISDN	RESALE	16.62%	16.62%	
546					
547	**DIRECTORY ASSISTANCE SERVICES**				
548	Directory Assistance Services	RESALE	16.62%	20.29%	
549	Local Operator Assistance Service	RESALE	16.62%	16.62%	
550					
551	National Directory Assistance (NDA), per call	OPEN	$0.65	NA	
552	National Directory Assistance (RDA), per call	OPEN	$0.65	NA	
553	Business Category Search (BCS) where applicable, per call	OPEN	$0.65	NA	
554	Directory Assistance Call Completion (DACC), per call	OPEN	$0.15	NA	
555					
556	Branding - Other - Initial/Subsequent Load, per switch, per OCN	OPEN		$1,800.00	$1,800.00
557	Branding and Reference/Rate Look Up, per OS/DA call	OPEN	$ 0.03		NA
558	Rate Reference - Initial Load, per state, per OCN	OPEN		$5,000.00	
559	Rate Reference - Subsequent Load, per state, per OCN	OPEN		NA	$1,500.00
560					
561	**TOLL**				
562	TOLL	RESALE	16.62%	16.62%	
563					
564	**OPTIONAL TOLL CALLING PLANS**				
565	Optional Toll Calling Plans	RESALE	16.62%	16.62%	
566					
567	**CENTREX (PLEXAR)**				
568	AT&T Michigan Centrex Service ACS	RESALE	16.62%	16.62%	
569	AT&T Michigan Centrex Network Manager	RESALE	0%	0%	
570					
571	**PRIVATE LINE**				
572	Analog Private Lines	RESALE	16.62%	16.62%	
573	Private Line Channel Services	RESALE	16.62%	16.62%	
574					
575	**RESIDENCE**	***RESALE DISCOUNTS***			
576	LOCAL EXCHANGE SERVICE		RECURRING	NON-RECURRING	
577	Life Line	RESALE	0%	0%	
578	Residence 1 Party	RESALE	16.62%	16.62%	
579	Residence Measured	RESALE	16.62%	16.62%	
580					
581	**EXPANDED LOCAL CALLING**				
582	Interzone	RESALE	16.62%	16.62%	
583					
584	**VERTICAL SERVICES**				
585	Anonymous Call Rejection	RESALE	16.62%	16.62%	
586	Repeat Dialing (Auto Redial)	RESALE	16.62%	16.62%	
587	Repeat Dialing -Per Use (Auto Redial - Usage Sensitive)	RESALE	16.62%	16.62%	
588	Call Blocker	RESALE	16.62%	16.62%	
589	Call Forwarding	RESALE	16.62%	16.62%	
590	Call Forwarding - Busy Line	RESALE	16.62%	16.62%	
591	Call Forwarding - Busy Line/Don't Answer	RESALE	16.62%	16.62%	
592	Call Forwarding - Don't Answer	RESALE	16.62%	16.62%	
593	Automatic Call-Back (Call Return)	RESALE	16.62%	16.62%	
594	Automatic Call-Back Per Use (Call Return - Usage Sensitive)	RESALE	16.62%	16.62%	
595	Call Trace	RESALE	16.62%	16.62%	
596	Call Waiting	RESALE	16.62%	16.62%	
597	Caller ID with Name (Calling Name)	RESALE	16.62%	16.62%	
598	Caller ID (Calling Number)	RESALE	16.62%	16.62%	
599	Multi-Ring Service - 1 (Personalized Ring- 1 dependent number)	RESALE	16.62%	16.62%	
600	Multi-Ring Service - 2 (Personalized Ring - 2 dependent numbers - 1st dependent nu	RESALE	16.62%	16.62%	
601	Priority Call	RESALE	16.62%	16.62%	
602	Remote Access to Call Forwarding (GF)	RESALE	0%	0%	
603	RCF, Interstate, Interexchange	RESALE	16.62%	16.62%	

TBD - To be determined
NRO - Nonrecurring only
ICB - Individual Case Basis
NA - Not Applicable

	MICHIGAN - Generic Pricing Schedule /1/		AT&T RECURRING		AT&T NON-RECURRING	
Line		USOC	Monthly		Initial	Additional
604	RCF, Intrastate	RESALE	16.62%		16.62%	
605	RCF, Interstate, International	RESALE	16.62%		16.62%	
606	RCF, Intrastate, Interexchange	RESALE	16.62%		16.62%	
607	RCF to 800	RESALE	16.62%		16.62%	
608	RCF Additional	RESALE	16.62%		16.62%	
609	Selective Call Forwarding	RESALE	16.62%		16.62%	
610	Speed Calling 8	RESALE	16.62%		16.62%	
611	Three Way Calling	RESALE	16.62%		16.62%	
612	Call Screening	RESALE	16.62%		16.62%	
613	Busy Line Transfer	RESALE	16.62%		16.62%	
614	Alternate Answer	RESALE	16.62%		16.62%	
615	Message Waiting - Tone	RESALE	16.62%		16.62%	
616	Easy Call	RESALE	16.62%		16.62%	
617	AT&T Michigan Privacy Manager	RESALE	16.62%		16.62%	
618	Name and Number Delivery Service	RESALE	16.62%		16.62%	
619						
620	**ISDN**					
621	ISDN	RESALE	16.62%		16.62%	
622						
623	**OTHER**					
624	Grandfathered Services	RESALE	0%		0%	
625	Promotions (Greater than 90 Days)	RESALE	16.62%		16.62%	
626	TouchTone	RESALE	16.62%		16.62%	
627	Home Services Packages	RESALE	16.62%		16.62%	
628	900/976 Call Blocking (900/976 Call Restriction)	RESALE	0%		0%	
629	976 (976 Information Delivery Service)	RESALE	0%		0%	
630	Access Services (See Access Tariff)	RESALE	0%		0%	
631	Additional Directory Listings	RESALE	16.62%		16.62%	
632	Carrier Disconnect Service (Company Initiated Suspension Service)	RESALE	0%		0%	
633	Connection Services	RESALE	16.62%		16.62%	
634	Premise Services/Line Backer (Maintenance of Service Charges)	RESALE	0%		0%	
635	Shared Tenant Service	RESALE	0%		0%	
636	Restoral of Service Charge	RESALE			Tariff 20 Part 22 Section 2	
637						
638	**TOLL**					
639	Toll	RESALE	16.62%		16.62%	
640						
641	**Electronic Billing Information Data (daily usage)**	RESALE	$0.00			
642	per message					
643						
644	**Line Connection Charge**					
645	Residence	RESALE			Tariff 20 Part 22 Section 2	
646	Business	RESALE			Tariff 20 Part 22 Section 2	
647	**Service Order/Service Request Charge**					
648	Residence	RESALE			Tariff 20 Part 22 Section 2	
649	Business	RESALE			Tariff 20 Part 22 Section 2	
650	**Non-Electronic (Manual) Service Order Charge**					
651	Residence	RESALE			Tariff 20 Part 22 Section 2	
652	Business	RESALE			Tariff 20 Part 22 Section 2	
653						
654	**Notes**					
655						
656	**/2/ Does not apply to pre-existing UNE-P Currently Combined Installations.**					
657	**/3/ Only applies to pre-existing UNE-P Migrations.**					
658	**/4/ Applies only once per UNE-P Combination.**					
659	**/5/ Does not apply to Special Access to UNE conversions.**					
660	**/6/ Does not apply to new UNE-P installations.**					
661	**/7/ Does not apply to new EEL installations.**					
662	**/8/ Does not apply to pre-existing UNE-P Migrations.**					
663	**/9/ Pursuant to FCC Tariff #2, Section 4 effective from June 1, 2004 and shall cease billing effective October 1, 2004.**					
664	*** The Parties acknowledge and agree that the rates set forth are interim and subject to true-up pending state established rates.**					
665						

TBD - To be determined
NRO - Nonrecurring only
ICB - Individual Case Basis
NA - Not Applicable

APPENDIX
PERFORMANCE MEASUREMENTS

TABLE OF CONTENTS

1. INTRODUCTION 3

2. RESULTS OF COLLABORATIVE PROCESS 3

APPENDIX PERFORMANCE MEASUREMENTS

1. INTRODUCTION

1.1 AT&T Inc. (AT&T) means the holding company which 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, Southwestern Bell Telephone, L.P. d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma, AT&T Texas and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin.

1.2 As used herein, AT&T-MI means the applicable above listed ILEC doing business in Michigan.

1.3 As used herein, Collaborative Process shall mean the OSS and performance measurement collaborative process established pursuant to Michigan Public Service Commission ("MPSC") Case number U11830.

1.4 As used herein, Remedy Plan shall mean the performance measurement remedy plan approved by the MPSC in Case number U11830.

1.5 As used herein, Service Bureau Provider means a company which has been engaged by CLEC to act as its agent for purposes of accessing AT&T-LEC's OSS application-to-application interfaces.

1.6 The performance measurements contained herein, notwithstanding any provisions in any other appendix in this Agreement, are not intended to create, modify or otherwise affect parties' rights and obligations with respect to OSS access. The existence of any particular performance measure, or the language describing that measure, is not evidence that CLEC is entitled to any particular manner of access, nor is it evidence that AT&T-MI is limited to providing any particular manner of access. The parties' rights and obligations to such access are defined elsewhere, including the relevant laws, FCC and PUC decisions/regulations, tariffs, and within this interconnection agreement.

1.7 In addition to the exclusions described in the performance measures and Remedy Plan developed within the Collaborative Process, and unless otherwise ordered by the MPSC, AT&T-MI shall not be obligated to pay liquidated damages or assessments for noncompliance with a performance measurement to the extent that such noncompliance was the result of delays or other problems resulting from actions of a Service Bureau Provider acting as CLEC's agent for connection to AT&T-LEC's OSS, including Service Bureau Provider provided processes, services, systems or connectivity.

2. RESULTS OF COLLABORATIVE PROCESS

2.1 The parties agree that the performance measurements, Remedy Plan and Business Rules developed under the Collaborative Process, shall be incorporated, when finalized, into this Agreement by reference. The parties agree to accept and abide by the Remedy Plan and Schedule, and the state-specific Business Rules, including, without limitation, any AT&T-MI obligation to pay remedies pursuant to the Remedy Plan and Schedule which will be posted on AT&T's Internet website. AT&T-MI agrees to post the Business Rules on AT&T's Internet website in accordance with the final resolutions achieved in the Collaborative Process.

2.2 The parties agree that performance measurements, Remedy Plan and Business Rules may be revised through the Collaborative Process, and the parties agree to incorporate such changes that are voluntarily agreed to by all parties to the Collaborative Process when finalized and on a going forward basis. In the event a party disputes the adoption of a proposed revision from the Collaborative Process, the party seeking such adoption may raise the issue with the state Commission for resolution. Until a final state Commission order resolving the issue is effective, the parties agree to abide by the performance measures, Remedy Plan and Business Rules adopted in the Collaborative Process. Each party reserves its rights, notwithstanding anything to the contrary, to seek appropriate legal and/or equitable review and relief from

such state Commission order, and compliance with and implementation of any such order shall not represent voluntary agreement to pay liquidated damages nor a voluntary or negotiated agreement under Section 252 of the Act or otherwise, and does not in any way constitute a waiver by such party of its position with respect to such order, or of any rights and remedies it may have to seek review of such order or otherwise contest the applicability of the performance measures and remedy plan.

2.3 Any payment by AT&T-MI pursuant to the Remedy Plan may be by either direct payment (such as a check) or by bill credit. If CLEC selects the direct payment option, CLEC shall submit the attached form. If CLEC does not submit the attached form, any payment shall be by bill credit.

AT&T – Michigan Performance Measurements Appendix
CLEC Identification and Liquidated Damages Information Form

A complete and accurate CLEC Identification and Liquidated Damages Information Form is required to be submitted before any liquidated damages may be processed for the CLEC, in accordance with the AT&T – Michigan Performance Measurement Appendix. Please refer to the Appendix and the AT&T CLEC website for more information on Performance Measurements and the Performance Remedy Plan. Submission of this form neither proves nor guarantees that performance remedies are due to the CLEC.

Activity

☐ New ☐ Change

Identifying Information

CLEC Legal Name			
Name in which the CLEC does business			
Federal Tax ID			
ACNA Code		SPID Code (LNP Only)	
Liquidated Damages for (Company Name)			
Name (if different)			

CLEC Information (Please provide the following payment information)

Check one of the following options:

☐ Bill Credit ☐ Check

Complete the additional payment information below for Check only:

Payee Name	
Street Address (mail to)	
City / State / Zip Code	
Contact Name	
Contact Phone	

Fax or mail the completed form to the following location:

Fax – (314) 957-2595
Mail: Long Distance Compliance, 13075 Manchester Road, Des Peres, Mo. 63131

Implementation of liquidated damages calculations will begin in accordance with CLEC's Performance Measurement Appendix. The person signing this form represents and warrants that the information provided on this form is complete and accurate and that he/she is authorized by the CLEC identified on the form to provide such information. If Electronic Funds Transfer (EFT) is desired instead of a check, contact your AT&T Account Manager to obtain the additional forms.

Signed by: _____ Date: _____

Print Name: _____

Title: _____

AMENDMENT TO
INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996
BETWEEN
MICHIGAN BELL TELEPHONE COMPANY d/b/a AT&T MICHIGAN
AND
TELCOVE OPERATIONS, INC.

The Interconnection Agreement dated August 17, 2006 by and between Michigan Bell Telephone Company d/b/a AT&T Michigan ("AT&T")[1] and TelCove Operations, Inc. ("TelCove") ("Agreement") effective in the state of Michigan is hereby amended as follows:

1. Section 5 of the General Terms and Conditions is amended by adding the following section:

   5.2.1 Notwithstanding anything to the contrary in this Section 5, the original expiration date of this Agreement, as modified by this Amendment, will be extended for a period of three (3) years from April 30, 2009 until April 30, 2012 (the "Extended Expiration Date"). The Agreement shall expire on the Extended Expiration Date; provided, however, that during the period from the effective date of this Amendment until the Extended Expiration Date, the Agreement may be terminated earlier either by written notice from TelCove, by AT&T pursuant to the Agreement's early termination provisions, by mutual agreement of the parties, or upon the effective date of a written and signed superseding agreement between the parties.

2. The Parties acknowledge and agree that AT&T Michigan shall permit the extension of this Agreement, subject to amendment to reflect future changes of law as and when they may arise.

3. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.

4. In entering into this Amendment, neither Party waives, and each Party expressly reserves, any rights, remedies or arguments it may have at law or under the intervening law or regulatory change provisions in the underlying Agreement (including intervening law rights asserted by either Party via written notice predating this Amendment) with respect to any orders, decisions, legislation or proceedings and any remands thereof, which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further review.

5. This Amendment shall be filed with and is subject to approval by the Michigan Public Service Commission and shall become effective ten (10) days following approval by such Commission.

[1] Michigan Bell Telephone Company (previously referred to as "Michigan Bell" or "SBC Michigan") now operates under the name "AT&T Michigan" pursuant to an assumed name filing with the State of Michigan.

TelCove Operations, Inc.

By: Jamie Moyer

Name: Jamie Moyer
(Print or Type)

Title: Senior Director, Interconnection Services
(Print or Type)

Date: 6-4-08

Michigan Bell Telephone Company d/b/a AT&T Michigan by AT&T Operations, Inc., its authorized agent

By: Eddie A. Reed, Jr.

Name: Eddie A. Reed, Jr.
(Print or Type)

Title: Director-Interconnection Agreements

Date: 6-13-08

AT&T Wholesale Amendment

Contract Number: 20206

AMENDMENT

BETWEEN

MICHIGAN BELL TELEPHONE COMPANY d/b/a AT&T MICHIGAN

AND

TLECOVE OPERATIONS, LLC

Signature: eSigned - Gary Black, Jr.

Name: eSigned - Gary Black, Jr.
(Print or Type)

Title: VP Carrier Relations
(Print or Type)

Date: 03 Mar 2015

TelCove Operations, LLC

Signature: eSigned - Kristen E. Shore

Name: eSigned - Kristen E. Shore
(Print or Type)

Title: Executive Director-Regulatory
(Print or Type)

Date: 04 Mar 2015

Michigan Bell Telephone Company d/b/a AT&T Michigan by AT&T Services, Inc., its authorized agent

State	Resale OCN	CLEC OCN
MICHIGAN	3075	3074

Description	ACNA Code(s)
ACNA(s)	HTJ

AMENDMENT TO
INTERCONNECTION AGREEMENT
BETWEEN
MICHIGAN BELL TELEPHONE COMPANY d/b/a AT&T MICHIGAN
AND
TELCOVE OPERATIONS, LLC

This Amendment modifies the Interconnection Agreement by and between Michigan Bell Telephone Company d/b/a AT&T MICHIGAN ("AT&T MICHIGAN") and TelCove Operations, LLC (f/k/a TelCove Operations, Inc.) ("TelCove" or "CLEC"). AT&T MICHIGAN and TelCove Operations, LLC are hereinafter referred to collectively as the "Parties" and individually as a "Party". This Amendment applies in AT&T's service territory in the State of Michigan.

WITNESSETH:

WHEREAS, AT&T MICHIGAN and TelCove Operations, Inc. ("TelCove Operations") are Parties to an Interconnection Agreement under Sections 251 and 252 of the Communications Act of 1934, as amended (the "Act"), dated August 17, 2006 (the "Agreement"); and,

NOW, THEREFORE, in consideration of the promises and mutual agreements set forth herein, the Parties agree to amend the Agreement as follows:

1. This Amendment is composed of the foregoing recital, the terms and conditions contained herein, and Pricing Sheet(s) attached hereto as Exhibit 1, all of which are hereby incorporated in this Amendment by this reference and constitute a part of this Amendment.
2. The Agreement is hereby amended to reflect the name change from "TelCove Operations, Inc." to "TelCove Operations, LLC".
3. AT&T MICHIGAN shall reflect that name change from "TelCove Operations, Inc." to "TelCove Operations, LLC" only for the main billing account (header card) for each of the accounts previously billed to TelCove Operations. AT&T MICHIGAN shall not be obligated, whether under this Amendment or otherwise, to make any other changes to AT&T MICHIGAN's records with respect to those accounts, including to the services and items provided and/or billed thereunder or under the Agreement. Without limiting the foregoing, TelCove affirms, represents, and warrants that the ACNA and OCN for those accounts shall not change from that previously used by TelCove Operations with AT&T MICHIGAN for those accounts and the services and items provided and/or billed thereunder or under the Agreement.
4. Once this Amendment is effective, TelCove shall operate with AT&T MICHIGAN under the "TelCove Operations, LLC" name for those accounts. Such operation shall include, by way of example only, submitting orders under TelCove, and labeling (including re-labeling) equipment and facilities with TelCove. Any change in Carrier's name including a change in the "d/b/a", or due to assignment or transfer of this Agreement wherein only Carrier's name is changing, and no Carrier Company Code(s) (ACNA/CIC/OCN) are changing, constitutes a Carrier Name Change under this Section. For any Carrier Name Change, Carrier is responsible for providing proof of compliance with industry standards related to any Company Code(s), including notification of the name change to the appropriate issuing authority of those Company Code(s) as required. Carrier must submit the appropriate service request to AT&T-21STATE to update Carrier's name on all applicable billing accounts (BANs), and Carrier is responsible for all applicable processing/administration and nonrecurring charges for each service request. Should Carrier desire to change its name on individual circuits and/or End User records, Carrier must submit the appropriate service request(s) to AT&T-21STATE to update Carrier's name on individual circuits and/or End User records, and Carrier is responsible for all applicable processing/administration and nonrecurring charges for each of those service request(s).

5. The Parties agree to amend Appendix NIM (Network Interconnection Methods) of the Agreement to add the following Section 3.5:

3.5 Entrance Facilities

3.5.1 Entrance Facilities are transmission facilities (typically wires or cables) that connect TelCove's network with AT&T MICHIGAN's network. Specifically, Entrance Facilities connect TelCove's network from TelCove's Switch or Point of Presence ("POP") within the LATA to the AT&T MICHIGAN Serving Wire Center of such Switch or POP.

3.5.2 TelCove may purchase "existing" Entrance Facilities at the rates set forth in the Pricing Sheet(s) attached hereto as Exhibit 1, when used only for interconnection within the meaning of Section 251(c)(2) of the Act and 47 C.F.R. § 51.5, which for avoidance of doubt includes interconnection for the exchange of Optional EAS Traffic. Additionally, the Parties agree that Entrance Facilities may be used for the transmission and routing of transit traffic. An Entrance Facility is "existing" if the facility is present in AT&T MICHIGAN's network when TelCove submits an Access Service Request ("ASR") requesting the Entrance Facility and no special construction is required. The Parties do not agree whether Entrance Facilities used in part in compliance with the foregoing and in part for other purposes ("Mixed Use Facilities") qualify, in whole or in part, for the rates set forth in the Pricing Sheet(s) attached hereto as Exhibit 1. Such Mixed Use Facilities will not be provided pursuant to this Agreement as amended, but may be provided pursuant to the applicable AT&T Michigan tariff and/or Federal tariff.

3.5.3 TelCove may not use Entrance Facilities obtained pursuant to this Agreement for any other purpose, including without limitation (i) as unbundled network elements under Section 251(c)(3) of the Act, (ii) for backhauling traffic (e.g., to provide a final link in the dedicated transmission path between TelCove's customer and TelCove's switch, or to carry traffic to and from its own end users) or (iii) 911, Operator Services and Directory Assistance, and Meet Point Trunk Groups. The Parties do not agree whether the services in (iii) above qualify in whole or in part for the rates set forth in the Pricing Sheet(s),. Subject to Section 7 below, the services will not be provided pursuant to this Agreement as amended, but may be provided pursuant to the applicable AT&T Michigan tariff.

3.5.4 If AT&T MICHIGAN determines that TelCove is sending traffic over an Entrance Facility other than as set forth in Section 3.5.2, AT&T MICHIGAN shall notify TelCove of such non-compliance, and TelCove shall cure such non-compliance within 45 days of such notice. If TelCove does not cure such non-compliance within 45 days, notwithstanding other terms of the Agreement, AT&T MICHIGAN reserves its rights to convert non-compliant facilities to the equivalent month-to-month switched access rates and back bill the difference between such rates and the Entrance Facility rates to the date of such notice.

6. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.

7. 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 ("Change of Law") that were the basis or rationale for any rate(s), terms(s) and/or condition (s) of this Amendment, which are preserved by this Amendment, and/or otherwise affects the rights or obligations of either Party that are addressed by this Amendment, either Party may require modification consistent with the action of the Change of Law Event by providing a written request to negotiate an amendment.

8. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.

9. This Amendment shall be filed with and is subject to approval by the Michigan Public Service Commission and shall become effective ten (10) days following approval by such Commission.

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2	MI	Entrance Facilities used for Local Interconnection	DS1 Entrance Facilities Zone 1	UZ1	UEYB1	1	$ 32.36	NA	NA	
2	MI	Entrance Facilities used for Local Interconnection	DS1 Entrance Facilities Zone 2	UZ1	UEYB2	2	$ 31.44	NA	NA	
2	MI	Entrance Facilities used for Local Interconnection	DS1 Entrance Facilities Zone 3	UZ1	UEYB3	3	$ 29.05	NA	NA	
2	MI	Entrance Facilities used for Local Interconnection	DS3 Entrance Facilities Zone 1	UZ3	UEYC1	1	$ 201.73	NA	NA	
2	MI	Entrance Facilities used for Local Interconnection	DS3 Entrance Facilities Zone 2	UZ3	UEYC2	2	$ 255.60	NA	NA	
2	MI	Entrance Facilities used for Local Interconnection	DS3 Entrance Facilities Zone 3	UZ3	UEYC3	3	$ 263.92	NA	NA	
2	MI	Interoffice Mileage to establish Local Interconnection at Non-Serving Wirecenter office	DS1 Interoffice Transport - Interoffice Mileage Termination - Per Point of Termination - Zone 1	UZ1	CZ4X1	1	$ 12.39	NA	NA	Per Point of Termination
2	MI	Interoffice Mileage to establish Local Interconnection at Non-Serving Wirecenter office	DS1 Interoffice Transport - Interoffice Mileage Termination - Per Point of Termination - Zone 2	UZ1	CZ4X2	2	$ 12.28	NA	NA	Per Point of Termination
2	MI	Interoffice Mileage to establish Local Interconnection at Non-Serving Wirecenter office	DS1 Interoffice Transport - Interoffice Mileage Termination - Per Point of Termination - Zone 3	UZ1	CZ4X3	3	$ 13.17	NA	NA	Per Point of Termination
2	MI	Interoffice Mileage to establish Local Interconnection at Non-Serving Wirecenter office	DS1 Interoffice Transport - Interoffice Mileage Termination - Per Point of Termination - Interzone	UZ1	CZ4XZ	I	$ 13.36	NA	NA	Per Point of Termination
2	MI	Interoffice Mileage to establish Local Interconnection at Non-Serving Wirecenter office	DS1 Interoffice Transport - Interoffice Mileage - Per Mile - Zone 1	UZ1	1YZX1	1	$ 0.69	NA	NA	Per Mile
2	MI	Interoffice Mileage to establish Local Interconnection at Non-Serving Wirecenter office	DS1 Interoffice Transport - Interoffice Mileage - Per Mile - Zone 2	UZ1	1YZX2	2	$ 0.77	NA	NA	Per Mile
2	MI	Interoffice Mileage to establish Local Interconnection at Non-Serving Wirecenter office	DS1 Interoffice Transport - Interoffice Mileage - Per Mile - Zone 3	UZ1	1YZX3	3	$ 0.50	NA	NA	Per Mile
2	MI	Interoffice Mileage to establish Local Interconnection at Non-Serving Wirecenter office	DS1 Interoffice Transport - Interoffice Mileage - Per Mile - InterZone	UZ1	1YZXZ	I	$ 0.20	NA	NA	Per Mile
2	MI	Interoffice Mileage to establish Local Interconnection at Non-Serving Wirecenter office	DS3 Interoffice Transport - Interoffice Mileage Termination - Per Point of Termination - Zone 1	UZ3	CZ4X1	1	$ 129.82	NA	NA	Per Point of Termination
2	MI	Interoffice Mileage to establish Local Interconnection at Non-Serving Wirecenter office	DS3 Interoffice Transport - Interoffice Mileage Termination - Per Point of Termination - Zone 2	UZ3	CZ4X2	2	$ 114.98	NA	NA	Per Point of Termination
2	MI	Interoffice Mileage to establish Local Interconnection at Non-Serving Wirecenter office	DS3 Interoffice Transport - Interoffice Mileage Termination - Per Point of Termination - Zone 3	UZ3	CZ4X3	3	$ 110.02	NA	NA	Per Point of Termination
2	MI	Interoffice Mileage to establish Local Interconnection at Non-Serving Wirecenter office	DS3 Interoffice Transport - Interoffice Mileage Termination - Per Point of Termination - Interzone	UZ3	CZ4WZ	I	$ 121.50	NA	NA	Per Point of Termination
2	MI	Interoffice Mileage to establish Local Interconnection at Non-Serving Wirecenter office	DS3 Interoffice Transport - Interoffice Mileage - Per Mile - Zone 1	UZ3	1YZX1	1	$ 6.20	NA	NA	Per Mile

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2	MI	Interoffice Mileage to establish Local Interconnection at Non-Serving Wirecenter office	DS3 Interoffice Transport - Interoffice Mileage - Per Mile - Zone 2	UZ3	1YZX2	2	$ 3.84	NA	NA	Per Mile
2	MI	Interoffice Mileage to establish Local Interconnection at Non-Serving Wirecenter office	DS3 Interoffice Transport - Interoffice Mileage - Per Mile - Zone 3	UZ3	1YZX3	3	$ 9.52	NA	NA	Per Mile
2	MI	Interoffice Mileage to establish Local Interconnection at Non-Serving Wirecenter office	DS3 Interoffice Transport - Interoffice Mileage - Per Mile - InterZone	UZ3	1YZBZ	I	$ 3.73	NA	NA	Per Mile
2	MI	Multiplexing	DS3 to DS1 - Zone 1	UZ3	QM3X1		$ 414.55	NA	NA	
2	MI	Multiplexing	DS3 to DS1 - Zone 2	UZ3	QM3X2		$ 414.55	NA	NA	
2	MI	Multiplexing	DS3 to DS1 - Zone 3	UZ3	QM3X3		$ 414.55	NA	NA	

AT&T Wholesale Amendment

AMENDMENT

BETWEEN

MICHIGAN BELL TELEPHONE COMPANY D/B/A AT&T MICHIGAN, THE OHIO BELL TELEPHONE COMPANY D/B/A AT&T OHIO

AND

TELCOVE OPERATIONS, LLC

Signature: eSigned - Gary Black Jr.

Name: eSigned - Gary Black Jr.
(Print or Type)

Title: VP - Carrier Relations
(Print or Type)

Date: 22 Dec 2016

TelCove Operations, LLC

Signature: eSigned - William Bockelman

Name: eSigned - William Bockelman
(Print or Type)

Title: DIR-INTERCONNECTION AGREEMENTS
(Print or Type)

Date: 23 Dec 2016

Michigan Bell Telephone Company d/b/a AT&T MICHIGAN, The Ohio Bell Telephone Company d/b/a AT&T OHIO by AT&T Services, Inc., its authorized agent

State	Resale OCN	CLEC OCN
MICHIGAN	3075	3074
OHIO	4962	4963

Description	ACNA Code(s)
ACNA(s)	HTJ

AMENDMENT TO THE AGREEMENT BETWEEN TELCOVE OPERATIONS, LLC AND MICHIGAN BELL TELEPHONE COMPANY D/B/A AT&T MICHIGAN, THE OHIO BELL TELEPHONE COMPANY D/B/A AT&T OHIO

This amendment ("Amendment") amends the Interconnection Agreements by and between Michigan Bell Telephone Company d/b/a AT&T MICHIGAN, The Ohio Bell Telephone Company d/b/a AT&T OHIO ("AT&T") and TelCove Operations, LLC ("CLEC"). AT&T and CLEC are hereinafter referred to collectively as the "Parties" and individually as a "Party."

WHEREAS, Michigan Bell Telephone Company d/b/a AT&T MICHIGAN and CLEC are Parties to an Interconnection Agreement under Sections 251 and 252 of the Communications Act of 1934, as amended (the "Act"), dated August 17, 2006 and as subsequently amended ("Agreement"); and

WHEREAS, The Ohio Bell Telephone Company d/b/a AT&T OHIO and CLEC are Parties to an Interconnection Agreement under Sections 251 and 252 of the Communications Act of 1934, as amended (the "Act"), dated February 24, 2006 and as subsequently amended ("Agreement"); and

WHEREAS, the Parties desire to amend the Agreements to implement the *Lifeline and Link Up Reform and Modernization et al*., WC Docket No. 11-42 et al., Second Report and Order, FCC 15-71, Released June 22, 2015 ("FCC Lifeline Order"); and

WHEREAS, the Parties desire to amend the Agreements to implement to the *Connect America Fund et al.,* WC Docket No. 10-90 et al, Report and Order issued by the Federal Communications Commission ("FCC") on November 18, 2011 (FCC 11-161), and as amended by the FCC on December 23, 2011 (FCC 11-189) ("FCC ICC Reform Order"), and

WHEREAS, the Parties desire to amend the Agreements to implement the *Petition of USTelecom for Forbearance Pursuant to* 47 U.S.C. § 160(c) from Enforcement of Obsolete ILEC Legacy Regulations That Inhibit Deployment of Next-Generation Networks, WC Docket No. 14-192, Released December 28, 2015 ("FCC US Telecom Forbearance Order"), and

WHEREAS, AT&T MICHIGAN AND OHIO, members of the CLEC community and representatives of the state Commission staffs for Illinois, Indiana, Michigan, Ohio and Wisconsin recently participated in a collaborative to determine whether to modify the current Commission approved and ordered Performance Measures and Remedies Plan (the "Plan") for the States of Illinois, Indiana, Michigan, Ohio and Wisconsin ("Collaborative Review"), and

WHEREAS, that Collaborative Review resulted in agreement by the Parties to extend the term of the Plan, without changes; and

WHEREAS, the Parties desire to modify certain provisions related to Customer Information Services pursuant to WC Docket No. 16-13, approved March 15, 2016.

NOW, THEREFORE, in consideration of the promises and mutual agreements set forth herein, the Parties agree to amend the Agreement as follows:

1. The Amendment is composed of the foregoing recitals, the terms and conditions, contained within, Exhibit A - Customer Information Services, and Exhibit B - Pricing Sheet, all of which are hereby incorporated within this Amendment by this reference and constitute a part of this Amendment.

2. Lifeline and Link Up Services

   2.1. Delete the rates, terms and conditions related to Lifeline and Link Up service offerings from the Agreement. Lifeline and Link Up service will no longer be available under the Agreement beginning 180 days after Federal Register publication of the Office of Management and Budget's (OMB) approval.

3. Intercarrier Compensation

3.1. The Parties hereby implement the intercarrier compensation rates reflected in the Pricing Sheet attached hereto as Exhibit B, for the termination of all Section 251(b)(5) Traffic exchanged between the Parties in the applicable state(s). The intercarrier compensation rates included in Exhibit B hereby supersede the existing rate elements included in the Agreement for purposes of reciprocal compensation.

4. Customer Information Services (CIS)

4.1. With the exception of 4.3 herein, delete all rates, terms and conditions pertaining to Customer Information Services, including but not limited to services related to Operator Services (OS), Directory Assistance (DA), Directory Assistance Listings (DAL), Inward Assistance Operator Services (INW) and White Pages (e.g., Busy Line Verification (BLV), Busy Line Verification/Interrupt (BLV/I), etc.) from the Agreement.

4.2. Add Attachment 06 - Operator Services and Directory Assistance (OS/DA), attached hereto as Exhibit A; and the Operator Services and Directory Assistance (OS/DA) rates reflected in the Pricing Sheet, attached hereto as Exhibit B, to the Agreement.

4.3. Add the following provisions to the Attachment or Appendix for Resale

CIS.1 For Resale service, AT&T will provide Customer Information Services to CLEC's End Users where technically feasible and/or available to AT&T retail End Users. Dialing, response, and sound quality will be provided in parity to AT&T retail End Users.

CIS.2 CLEC is solely responsible for the payment of all charges for all services furnished under this Attachment, including but not limited to calls originated or accepted at CLEC's location and its End Users' service locations.

CIS.3 Interexchange carrier traffic (e.g., sent-paid, information services and alternate operator services messages) received by AT&T for billing to Resale End User accounts will be returned as unbillable and will not be passed to CLEC for billing. An unbillable code will be returned with those messages to the carrier indicating that the messages were generated by a Resale account and will not be billed by AT&T.

CIS.4 AT&T shall not be responsible for the manner in which utilization of Resale Services or the associated charges are allocated to End Users or others by CLEC. Applicable rates and charges for services provided to CLEC under this Attachment will be billed directly to CLEC and shall be the responsibility of CLEC.

CIS.5 Charges billed to CLEC for all services provided under this Attachment shall be paid by CLEC regardless of CLEC's ability or inability to collect from its End Users for such services.

CIS.6 If CLEC does not wish to be responsible for payment of charges for calling card, collect, or third number billed calls (Alternately Billed Traffic or "ABT") or toll and information services (for example, 900 calls), CLEC must order the appropriate available blocking for lines provided under this Attachment and pay any applicable charges. It is the responsibility of CLEC to order the appropriate toll restriction or blocking on lines resold to End Users. CLEC acknowledges that blocking is not available for certain types of calls, including without limitation 800, 888, 411 and Directory Assistance Express Call Completion. Depending on the origination point, for example, calls originating from correctional facilities, some calls may bypass blocking systems. CLEC acknowledges all such limitations and accepts all responsibility for any charges associated with calls for which blocking is not available and any charges associated with calls that bypass blocking systems.

5. Midwest Region Performance Measures and Remedies Plan (applicable in the states of Illinois, Indiana, Michigan, Ohio and Wisconsin):

5.1. The term of the Plan shall be extended for two (2) years ending December 31, 2018.

5.2. For Midwest Region Performance Measures and Remedies Plan only, the Amendment shall be implemented as of January 1, 2017 or the date it is fully executed, whichever is later. For example, if a

CLEC signs and returns the Amendment on January 15, 2017, remedies are effective with February 2017 performance data which will be reported in March 2017 with remedies due being payable in April 2017.

6. The Parties agree to add the following language as Section 49 to the General Terms and Conditions of the Agreement.

49. Joint and Several Liability

49.1 In the event that CLEC consists of two (2) or more separate entities as set forth in this Agreement and/or any Amendments hereto, or any third party places orders under this Agreement using CLEC's company codes or identifiers, all such entities shall be jointly and severally liable for CLEC's obligations under this Agreement.

7. The Parties agree to replace Section 17 from the Agreement with the following language:

17. Notices

17.1 Notices given by CLEC to AT&T 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 pursuant to at least one of the following methods:

17.1.1 delivered by electronic mail (email).

17.1.2 delivered by facsimile.

17.2 Notices given by AT&T to the CLEC 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 pursuant to at least one of the following methods:

17.2.1 delivered by electronic mail (email) provided CLEC has provided such information in Section 17.4 below.

17.2.2 delivered by facsimile provided CLEC has provided such information in Section 17.4 below.

17.3 Notices will be deemed given as of the earliest of:

17.3.1 the date of actual receipt.

17.3.2 notice by email shall be effective on the date it is officially recorded as delivered by delivery receipt and in the absence of such record of delivery, it shall be presumed to have been delivered on the date sent.

17.3.3 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.

17.4 Notices will be addressed to the Parties as follows:

NOTICE CONTACT	CLEC CONTACT
NAME/TITLE	ATTN: General Counsel - Regulatory
STREET ADDRESS	1025 Eldorado Blvd
CITY, STATE, ZIP CODE	Broomfield, CO 80021
PHONE NUMBER*	(720) 888-4537
FACSIMILE NUMBER	(720) 567-2209
EMAIL ADDRESS	michael.mooney@level3.com

Copy to:

NOTICE CONTACT	CLEC CONTACT
NAME/TITLE	Gary Black, Jr.

	VP-Carrier Relations
STREET ADDRESS	1025 Eldorado Blvd.
CITY, STATE, ZIP CODE	Broomfield, CO 80021
PHONE NUMBER*	(720) 888-3059
FACSIMILE NUMBER	N/A
EMAIL ADDRESS	Gary.Black@Level3.com

	AT&T CONTACT
NAME/TITLE	Contract Management ATTN: Notices Manager
FACSIMILE NUMBER	(214) 712-5792
EMAIL ADDRESS	The current email address as provided on AT&T's CLEC Online website

*Informational only and not to be considered as an official notice vehicle under this Section.

17.5 Either Party may unilaterally change its designated contact name, address, email address, and/or facsimile number for the receipt of Notices by giving written Notice to the other Party in compliance with this Section 17. Unless explicitly stated otherwise, any change to the designated contact name, address, email address, and/or facsimile number will replace such information currently on file. Any Notice to change the designated contact name, address, email address, and/or facsimile number for the receipt of Notices shall be deemed effective ten (10) calendar days following receipt by the other Party.

17.6 In addition, CLEC agrees that it is responsible for providing AT&T with CLEC's OCN and ACNA numbers for the states in which CLEC is authorized to do business and in which CLEC is requesting that this Agreement apply. In the event that CLEC wants to change and/or add to the OCN and/or ACNA information in the CLEC Profile, CLEC shall send written notice to AT&T to be received at least thirty (30) days prior to the change and/or addition in accordance with this Section 17. notice provision; CLEC shall also update its CLEC Profile through the applicable form and/or web-based interface.

17.6.1 CLEC may not order services under a new account and/or subsequent state certification, established in accordance with this Section until thirty (30) days after all information specified in this Section is received from CLEC.

17.6.2 CLEC may be able to place orders for certain services in AT&T without having properly updated the CLEC Profile; however, at any time during the term of this Agreement without additional notice AT&T may at its discretion eliminate such functionality. At such time, if CLEC has not properly updated its CLEC Profile, ordering capabilities will cease, and CLEC will not be able to place orders until thirty (30) days after CLEC has properly updated its CLEC Profile.

17.7 AT&T communicates official information to CLECs via its Accessible Letter, or other applicable, notification processes. These processes involve electronic transmission and/or posting to the AT&T CLEC Online website, inclusive of a variety of subjects including declaration of a force majeure, changes on business processes and policies, and other product/service related notices not requiring an amendment to this Agreement.

8. This Amendment shall be deemed to revise the terms and conditions of the Agreement only to the extent necessary to give effect to the purpose of this Amendment, which is to extend the term of the Plan. In the event of a conflict between the terms and conditions of this Amendment and the terms and conditions of the Agreement, this Amendment shall govern, *provided, however,* that the fact that a term or condition appears in this Amendment but not in the Agreement, or in the Agreement but not in this Amendment, shall not be interpreted as, or deemed grounds for finding, a conflict.

9. In entering into this Amendment, neither Party waives, and each Party expressly reserves, any rights, remedies or arguments it may have at law or under the intervening law or regulatory change provisions in the underlying

Agreement (including intervening law rights asserted by either Party via written notice predating this Amendment) with respect to any orders, decisions, legislation or proceedings and any remands thereof, which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further review.

10. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.

11. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.

12. Signatures by all Parties to this Amendment are required to effectuate this Amendment. This Amendment may be executed in counterparts. Each counterpart shall be considered an original and such counterparts shall together constitute one and the same instrument.

13. For Michigan: This Amendment shall be filed with and is subject to approval by the applicable state Commission and shall become effective ten (10) days following approval by such Commission. For Ohio: Based on the Public Utilities Commission of Ohio Rules, the Amendment is effective upon filing and is deemed approved by operation of law on the 91st day after filing.

EXHIBIT A
ATTACHMENT 06 – OPERATOR SERVICES AND DIRECTORY ASSISTANCE
(f/k/a CUSTOMER INFORMATION SERVICES)

TABLE OF CONTENTS

Section		Page Number
1.0	Introduction	3
2.0	Definitions	3
3.0	Operator Services (OS) / Directory Assistance (DA)	4
4.0	LISTINGS	7
5.0	General Conditions for Operator Services (OS), Directory Assistance (DA)	9
6.0	Termination – Entire Attachment 06 – Operator Assistance and Directory Assistance Services	9

1.0 INTRODUCTION

1.1 This Attachment sets forth the rates, terms and conditions under which AT&T-21STATE shall provide Operator Services/Directory Assistance (OS/DA) and Listings.

1.2 OS/DA:

1.2.1 This Attachment sets forth the rates, terms and conditions under which the Parties shall jointly carry out OS/DA on a wholesale basis for CLEC End Users residing in AT&T-21STATE's local Exchange territory, regardless of whether CLEC is serving its End Users via:

1.2.1.1 CLEC's own physical Switches; or

1.2.1.2 Resale of AT&T-21STATE Retail OS/DA service.

1.2.2 CLEC shall be the retail OS/DA provider to its End Users, and AT&T-21STATE shall be the wholesale provider of OS/DA operations to CLEC. AT&T-21STATE shall answer CLEC's End User OS/DA calls on CLEC's behalf, as follows:

1.2.2.1 When the End User dials 0- or 0+ the telephone number, AT&T-21STATE shall provide the Operator Services described in Section 3.4 below. CLEC may set its own retail OS/DA rates, and CLEC therefore acknowledges its responsibility to obtain (a) End User agreement to the OS/DA retail rates (e.g., by tariff or contract), and (b) any necessary regulatory approvals for its OS/DA retail rates.

1.2.2.2 In response to CLEC End User inquiries about OS/DA rates, where available and technically feasible, AT&T-21STATE operators shall quote CLEC retail OS/DA rates, provided by CLEC (see Section 3.6 below). If further inquiries are made about rates, billing and/or other "business office" questions, AT&T-21STATE's OS/DA operators shall direct the calling party's inquiries to a CLEC-provided contact number (also see Section 3.6 below).

1.2.3 CLEC shall pay the applicable OS/DA rates found in the Pricing Sheet based upon CLEC's status as a Facilities-Based CLEC or a reseller. Provided however, CLEC may serve both as a reseller and as a facilities-based provider and CLEC may convert its facilities-based End Users to Resale service, or vice versa, as described below in Section 3.6.7 below.

1.2.3.1 CLEC acknowledges and understands that wholesale OS/DA rates differ between Resale and facilities-based service, and that both types of OS/DA wholesale rates are listed in the Pricing Sheet.

1.2.3.2 Billing and payment details, including the assessment of late payment charges for unpaid balances, are governed by the General Terms and Conditions in this Agreement.

1.3 Listings:

1.3.1 This Attachment sets forth terms and conditions that apply to Resale and Facility-Based CLECs for subscriber listing information provided by AT&T-21STATE.

2.0 DEFINITIONS

2.1 "Consolidated Reference Rater (CRR)" provides reference information (business office and repair numbers) and rate quotes for CLEC End Users.

2.2 "Facilities-Based CLEC" means a CLEC that provides service through its own switch or a Third Party provider's switch.

2.3 "General Assistance" means a service in which the End User dialing - 0 asks the OS operator for assistance. The operator will respond in accordance with OS methods and practices that are in effect at the time the End User makes an OS call where available and technically feasible.

2.4 "Listings" means information identifying the listed names of subscribers of carriers and subscribers' telephone numbers, addresses or primary advertising classification or any combination, and that carrier or affiliate has published, caused to be published or accepted for publication in any directory format.

2.5 "Services" means Operator Services/Directory Assistance (OS/DA) and Listings.

2.6 "Toll Center Code" means the three digit access tandem code ("ATC") that uniquely identifies a tandem switch in the Local Exchange Routing Guide (LERG) designated as providing access to operator services functions.

3.0 OPERATOR SERVICES (OS) / DIRECTORY ASSISTANCE (DA)

3.1 Dialing Parity:

3.1.1 AT&T-21STATE will provide OS/DA to CLEC's End Users with no unreasonable dialing delays and at dialing parity with AT&T-21STATE retail OS/DA services.

3.2 Response Parity:

3.2.1 Where available and technically feasible, CLEC's End Users shall be answered by AT&T-21STATE's OS and DA platforms with the same priority and using the same methods as for AT&T-21STATE's End Users.

3.2.2 Any technical difficulties in reaching the AT&T-21STATE OS/DA platform (e.g., cable cuts in the OS/DA trunks, unusual OS/DA call volumes, etc.) will be experienced at parity with AT&T-21STATE End Users served via that same AT&T-21STATE End Office Switch.

3.3 Requirements to Physically Interconnect:

3.3.1 This section describes the physical interconnection and trunking requirements for a Facilities-Based CLEC to interconnect with AT&T-21STATE's OS/DA switches.

3.3.2 The demarcation point for OS/DA traffic between the Parties' networks need not coincide with the point of interconnection for the physical interconnection of all other inter-carrier voice traffic, but at a minimum must be in the Local Access and Transport Area (LATA) in which the CLEC's OS/DA traffic originates.

3.3.2.1 Because CLEC's switch may serve End Users in more than one LATA, the Parties agree that CLEC's OS/DA traffic originates from the physical location of the End User dialing 0, 411, or 555-1212 and not the physical location of CLEC's switch.

3.3.2.2 To the extent CLEC is serving via circuit-switched wireless technology, the physical location of the End User dialing 0, 411, or 555-1212 shall be deemed the End User's physical billing address, regardless of whether the End User may be roaming at the time of placing the OS/DA call.

3.3.3 The Parties will establish an OS/DA demarcation point at the AT&T-21STATE's OS/DA switch. By mutual agreement, an alternative OS/DA demarcation point may be determined based on the following factors:

3.3.3.1 The size and type of facilities needed to carry CLEC's switch-based OS/DA traffic;

3.3.3.2 Whether CLEC wishes to interconnect for OS or DA, or both;

3.3.3.3 Whether CLEC or CLEC's Affiliate is collocated in an AT&T-21STATE local tandem office and wishes to use the collocation as the OS/DA demarcation point; and

3.3.3.4 Whether CLEC or CLEC's Affiliate already has existing OS/DA facilities in place to the AT&T-21STATE's OS/DA platforms.

3.3.4 CLEC shall be financially responsible for the transport facilities to the AT&T-21STATE's switch(es). CLEC may self-provision these OS/DA facilities, lease them from Third Parties, or lease them from AT&T-21STATE's intrastate Special Access Tariff. CLEC shall remain financially responsible for the transport facilities to the AT&T-21STATE's switch(es) and/or any one-way trunk groups from its designated operator assistance and directory assistance (or OA/DA) switch to the AT&T-21STATE operator assistance switch until CLEC initiates and successfully disconnects such transport facilities and/or trunk groups.

3.3.5 General OS/DA Trunking Requirements:

3.3.5.1 CLEC will initiate an Access Service Request (ASR) for all OS/DA trunk groups from its switch to the appropriate AT&T-21STATE OS/DA switches as a segregated one-way trunk group utilizing Multi-Frequency (MF) signaling. Unless technically infeasible, AT&T-21STATE will provision all such one-way trunk groups in the same manner and at the same intervals as for all other interconnection trunks between the Parties.

3.3.5.2 CLEC will employ Exchange Access Operator Services Signaling (EAOSS) from the AT&T-21STATE End Offices to the AT&T-21STATE OS/DA switches that are equipped to accept 10-Digit Signaling for Automatic Number Identification (ANI).

3.3.5.3 Where EAOSS is not available, Modified Operator Services Signaling (MOSS) will be utilized, and a segregated one-way trunk group with MF signaling will be established from CLEC to each AT&T-21STATE OS/DA switch for each served Numbering Plan Area (NPA) in the LATA.

3.3.6 Specific OS/DA Trunk Groups and Their Requirements

3.3.6.1 Operator Service Trunks:

3.3.6.1.1 CLEC shall establish a one-way trunk group from CLEC's switch to the AT&T-21STATE OS switch serving OS End Users in that LATA. An OS only trunk group will be designated with the appropriate OS traffic use code and modifier. If the trunk group transports combined OS/DA/DACC over the same trunk group, then the group will be designated with a different traffic use code and modifier for combined services. CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group.

3.3.6.2 DA/DA Call Completion (DACC) Trunks:

3.3.6.2.1 Where permitted, CLEC shall establish a one-way trunk group from CLEC's switch to the AT&T-21STATE DA switch serving DA End Users in that LATA. If the trunk group transports DA/DACC only, but not OS, then the trunk group will be designated with the appropriate DA traffic use code and modifier.

3.3.6.2.2 In AT&T-12STATE, if OS/DA/DACC is transported together on a combined trunk group, then the group will be designated with a different appropriate traffic use code and modifier from that used for a DA/DACC only trunk group. CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group.

3.3.6.2.3 In AT&T SOUTHEAST REGION 9-STATE, if OS/DA/DACC is transported together on a combined trunk group, then the group will be designated with an appropriate traffic use code and modifier. CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group.

3.4 Operator Services Call Processing and Rates:

3.4.1 AT&T-21STATE will assess its OS charges based upon whether the CLEC End User is receiving (a) manual OS (i.e., provided via an operator), or (b) automated OS (i.e., an OS switch equipment voice recognition feature, functioning either fully or partially without operators where available and technically feasible). The Pricing Sheet contains the full set of OS recurring and nonrecurring rates.

3.4.2 AT&T-21STATE will provide OS to CLEC End Users where available and technically feasible to AT&T-21STATE End Users served in accordance with OS methods and practices in effect at the time the CLEC End User makes an OS call.

3.5 Directory Assistance Call Processing and Rates:

3.5.1 AT&T-21STATE DA charges are assessed on a flat rate per call, regardless of call duration. The Pricing Sheet contains the recurring and nonrecurring rates.

3.5.2 AT&T-21STATE will provide DA Services to CLEC End Users where available and technically feasible to AT&T-21STATE End Users served in accordance with DA Services methods and practices that are in effect

at the time CLEC End User makes a DA call. AT&T-21STATE will provide the following DA services to a CLEC End User:

3.5.2.1 Local Directory Assistance - Consists of providing published name and telephone number.

3.5.2.2 Directory Assistance Call Completion (DACC) - A service in which a local or an intraLATA call to the requested number is completed.

3.5.2.3 National Directory Assistance (NDA) - A service whereby callers may request published name and telephone number outside their LATA or local calling area for any listed telephone number in the United States.

3.5.2.4 Reverse Directory Assistance (RDA) - Consists of providing listed local and national name and address information associated with a telephone number.

3.5.2.5 Business Category Search (BCS) - A service whereby callers may request business telephone number listings for a specified category of business, when the name of the business is not known. Telephone numbers may be requested for local and national businesses.

3.6 OS/DA Non-recurring Charges for Loading Automated Call Greeting (i.e., Brand Announcement), Rates and Reference Information:

3.6.1 CLEC End Users will hear silence upon connecting with the OS/DA switch. As an alternative to silence, CLEC may custom brand for which custom brand charges will apply.

3.6.1.1 CLEC will provide announcement phrase information, via Operator Services Translations Questionnaire (OSTQ), to AT&T-21STATE in conformity with the format, length, and other requirements specified for all CLECs on the AT&T CLEC Online website.

3.6.1.2 AT&T-21STATE will then perform all of the loading and testing of the announcement for each applicable OS/DA switch prior to live traffic. CLEC may also change its pre-recorded announcement at any time by providing a new announcement phrase in the same manner. CLEC will be responsible for paying subsequent loading and testing charges.

3.6.1.3 CLEC understands that End Users may not perceive silent announcements as ordinary mechanical handling of OS/DA calls.

3.6.1.4 CLEC agrees that if it does not brand the call, CLEC shall indemnify and hold AT&T-21STATE harmless from any regulatory violation, consumer complaint, or other sanction for failing to identify the OS/DA provider to the dialing End User.

3.6.2 AT&T-21STATE will be responsible for loading the CLEC provided recording into all applicable OS and/or DA switches prior to live traffic, testing the announcement for sound quality at parity with that provided to AT&T-21STATE End Users. CLEC will be responsible for paying the initial recording announcement loading charges, and thereafter, the per-call charge as well as any subsequent loading charges if new recordings or silent announcements are provided as specified above.

3.6.3 Branding load charges are assessed per loaded recording, per OCN, per switch. For example, a CLEC Reseller may choose to brand under a different name than its facilities-based operations, and therefore two separate recordings could be loaded into each switch, each incurring the branding or silent load charge. These charges are mandatory, nonrecurring, and are found in the Pricing Sheet.

3.6.4 Where Consolidated Reference Rater (“CRR”) is available and technically feasible, the applicable CLEC-charged retail OS/DA rates and a CLEC-provided contact number (e.g., reference to a CLEC business office or repair center) are loaded into the system utilized by the OS operator.

3.6.5 Where CRR is available and technically feasible, AT&T-21STATE will be responsible for loading the CLEC-provided OS/DA retail rates and the CLEC provided contact number(s) into the OS/DA switches. CLEC will be responsible for paying the initial reference and rate loading charges.

3.6.6 CRR load charges are assessed per loaded set of rates/references, where CRR is available and technically feasible, per OCN, per state. For example, a CLEC reseller may choose to rate differently than its Facilities-Based CLEC operations, or may change its rates/references during the life of the contract, and therefore separate sets of rates/references could be loaded for each OCN, per state, with each loading incurring the rate/reference charge. These charges are mandatory, nonrecurring and are found in the Pricing Sheet.

3.6.7 Converting End Users from prior branded service to CLEC or silent-branded service, or between Resale and facilities-based service:

3.6.7.1 To the extent that CLEC has already established the branding/silent announcement recording in AT&T-21STATE OS/DA switches for both Resale and facilities-based service, then no non-recurring charges apply to the conversion of End Users from prior Resale OS/DA wholesale service to facilities-based OS/DA wholesale service, or vice versa.

3.6.7.2 To the extent that CLEC has not established the branding announcement recording in AT&T-21STATE OS/DA switches for Resale and/or facilities-based service, then non-recurring charges apply to set up the OS/DA call for the new type of service, as is described in Section 3.6 above, and at the rates set forth in the Pricing Sheet.

4.0 LISTINGS

4.1 General Provisions:

4.1.1 Subject to state requirements and AT&T-21STATE's practices, as well as the rules and regulations applicable to the provision of listings, AT&T-21STATE will make available to CLEC, for CLEC End Users, non-discriminatory access to listings in the same manner as AT&T-21STATE makes listings available to AT&T-21STATE retail End Users.

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4.2 Responsibilities of the Parties:

4.2.1 Subject to AT&T-21STATE's practices, as well as the rules and regulations applicable to the provision of white page directories, AT&T-21STATE will include in appropriate white pages directories the primary alphabetical listings of CLEC End Users located within the AT&T-21STATE ILEC Territory. When CLEC provides its subscriber listing information to AT&T-21STATE listings database, CLEC will receive for its End User, one primary listing in AT&T-21STATE white pages directory and a listing in AT&T-21STATE's DA database at no charge, other than applicable service order charges as set forth in the Pricing Sheet.

4.2.1.1 Except in the case of a Local Service Request (LSR) submitted solely to port a number from AT&T SOUTHEAST REGION 9-STATE, if such listing is requested on the initial LSR associated with the request for services, a single manual service order charge or electronic service order charge, as appropriate, will apply to both the request for service and the request for the directory listing. Where a subsequent LSR is placed solely to request a directory listing, or is placed to port a number and request a directory listing, separate service order charges as set forth in AT&T-21STATE's tariffs shall apply, as well as the manual service order charge or the electronic service order charge, as appropriate.

4.2.1.2 Listing Information Confidentiality:

4.2.1.2.1 AT&T-21STATE will afford CLEC's directory listing information the same level of confidentiality that AT&T-21STATE affords its own directory listing information.

4.2.1.3 Unlisted/Non-Published End Users:

4.2.1.3.1 CLEC will provide to AT&T-21STATE the names, addresses and telephone numbers of all CLEC End Users who wish to be omitted from directories. Non-listed/Non-Published listings will be subject to the rates as set forth in AT&T-21STATE's tariffs and/or service guidebooks. AT&T-21STATE does not provide a resale discount for any listings.

4.2.1.4 Additional Listings:

4.2.1.4.1 Where a CLEC End User requires listings in addition to the primary listing to appear in the white pages directory, AT&T-21STATE will offer such listings at rates as set forth in AT&T-21STATE's tariffs and/or service guidebooks. AT&T-21STATE does not provide a resale discount for any listings. CLEC shall furnish to AT&T-21STATE subscriber listing information pertaining to CLEC End Users located within the AT&T-21STATE ILEC Territory, along with such additional information as AT&T-21STATE may be required to include in the alphabetical listings of said directory. CLEC shall refer to the AT&T CLEC Online website for methods, procedures and ordering information.

4.2.2 CLEC will provide accurate subscriber listing information of its subscribers to AT&T-21STATE via a mechanized feed of the directory listing information to AT&T-21STATE's Directory Listing database. CLEC agrees to submit all listing information via a mechanized process within six (6) months of the Effective Date of this Agreement, or upon CLEC reaching a volume of two hundred (200) listing updates per day, whichever comes first. CLEC's subscriber listings will be interfiled (interspersed) in the directory among AT&T-21STATE's subscriber listing information. CLEC will submit listing information within one (1) business day of installation, disconnection or other change in service (including change of non-listed or non-published status) affecting the DA database or the directory listing of a CLEC End User. CLEC must submit all listing information intended for publication by the directory close (a/k/a last listing activity) date.

4.2.3 White Page Directories:

4.2.3.1 Subject to state requirements and AT&T-21STATE's practices, as well as the rules and regulations applicable to the provision of white page directories, each CLEC subscriber may receive one copy per primary End User listing, as provided by CLEC, of the appropriate AT&T-21STATE white pages directory in the same manner, format and at the same time that they are delivered to AT&T-21STATE's retail End Users.

4.2.4 Use of Subscriber Listing Information:

4.2.4.1 Subject to AT&T-21STATE's practices, as well as the rules and regulations applicable to the provision of white page directories, AT&T-21STATE agrees to serve as the single point of contact for all independent and Third Party directory publishers who seek to include CLEC's subscriber (i.e., End User) listing information in an area directory, and to handle the CLEC's subscriber listing information in the same manner as AT&T-21STATE's subscriber listing information. In exchange for AT&T-21STATE serving as the single point of contact and handling all subscriber listing information equally, CLEC authorizes AT&T-21STATE to include and use the CLEC subscriber listing information provided to AT&T-21STATE DA databases, and to provide CLEC subscriber listing information to directory publishers. Included in this authorization is release of CLEC listings to requesting competing carriers as required by Section 271(c)(2)(B)(vii)(II) and Section 251(b)(3) and any applicable state regulations and orders. Also included in this authorization is AT&T-21STATE's use of CLEC's subscriber listing information in AT&T-21STATE's DA, DA related products and services, and directory products and services.

4.2.4.2 AT&T-21STATE further agrees not to charge CLEC for serving as the single point of contact with independent and Third Party directory publishers, no matter what number or type of requests are fielded. In exchange for the handling of CLEC's subscriber list information to directory publishers, CLEC agrees that it will receive no compensation for AT&T-21STATE's receipt of the subscriber list information or for the subsequent release of this information to directory publishers. Such CLEC subscriber list information shall be interfiled (interspersed) with AT&T-21STATE's subscriber list information and the subscriber list information of other companies that have authorized a similar release of their subscriber list information by AT&T-21STATE.

4.2.5 Upon identification and notice of non-compliance by AT&T-21STATE, CLEC agrees to pay all direct costs incurred by AT&T-21STATE as a result of CLEC not complying with the terms of this Attachment and in accordance with the Limitations of Liability section in the General Terms and Conditions Attachment of this Agreement.

4.2.6 This Attachment shall not establish, be interpreted as establishing, or be used by either Party to establish or to represent their relationship as any form of agency, partnership or joint venture.

4.2.7 Breach of Contract:

4.2.7.1 If either Party is found to have materially breached the Listings terms of this Attachment, the non-breaching Party may terminate the Listings terms of this Attachment by providing written Notice to the breaching Party, whereupon this Attachment shall be null and void with respect to any issue of white pages directory published sixty (60) or more calendar days after the date of receipt of such written Notice. CLEC further agrees to pay all costs incurred by AT&T-21STATE and/or its Affiliates and vendor as a result of such CLEC breach.

4.2.8 General Conditions for Listings:

4.2.8.1 Notwithstanding the foregoing, AT&T-21STATE reserves the right to suspend, modify or terminate, without penalty, any Listings Service offerings that are provided under this Attachment on ninety (90) days' written notice in the form of an Accessible Letter.

4.2.8.2 CLEC shall be solely responsible for any and all legal or regulatory requirements for the modification or discontinuance of Listings products and/or services to CLEC End Users under this Section.

5.0 GENERAL CONDITIONS FOR OPERATOR SERVICES (OS), DIRECTORY ASSISTANCE (DA)

5.1 Notwithstanding the foregoing, AT&T-21STATE reserves the right to suspend, modify or terminate, without penalty, any OS and/or DA feature of Service(s) offerings that are provided under this Attachment on one hundred eighty (180) days' written notice in the form of an Accessible Letter.

5.2 Termination:

5.2.1 If the CLEC terminates OS and/or DA service prior to the expiration of the term of this Agreement, CLEC shall pay AT&T-21STATE, within thirty (30) calendar days of the issuance of any bills by AT&T-21STATE, all amounts due for actual services provided under this Attachment, plus estimated monthly charges for the remainder of the term. Estimated charges will be based on an average of the actual monthly amounts billed by AT&T-21STATE pursuant to this Attachment prior to its termination. The rates applicable for determining the amount(s) under the terms outlined in this Section are those specified in the Pricing Sheet.

5.3 CLEC shall be solely responsible for any and all legal or regulatory requirements for the modification or discontinuance of OS and/or DA products/services to CLEC End Users under this Attachment.

6.0 TERMINATION – ENTIRE ATTACHMENT 06 – OPERATOR ASSISTANCE AND DIRECTORY ASSISTANCE SERVICES

6.1 The Parties reserve the right to suspend or terminate, without penalty, this Attachment in its entirety on one hundred eighty (180) days' written notice. The Attachment will be coterminous with the ICA or will continue until the Party desiring to terminate this Attachment provides one hundred eighty (180) days' written Notice to the other Party of the date the Attachment will terminate ("Termination Date"), whichever date is earlier.

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	MI	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective Through 6/30/17)	OHU	USG14		0.0007			MOU
2MR-AT	MI	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective 7/01/17)	OHU	USG14		$0.00			MOU
6	MI	DIRECTORY ASSISTANCE SERVICES	Directory Assistance, per call	XPU	OPEN		$ 0.40	NA	NA	per call
6	MI	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (NDA), per call	XPU	OPEN		$ 0.65	NA		per call
6	MI	DIRECTORY ASSISTANCE SERVICES	National Directory Assistance (RDA), per call	XPU	OPEN		$ 0.65	NA		per call
6	MI	DIRECTORY ASSISTANCE SERVICES	Business Category Search (BCS) where applicable, per call	XPU	OPEN		$ 0.65	NA		per call
6	MI	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC), per call	XPU	OPEN		$ 0.15	NA		per call
6	MI	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding - Other - Initial/Subsequent Load, per switch, per OCN					$ 1,800.00	$ 1,800.00	per switch, per OCN
6	MI	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding and Reference/Rate Look Up, per call	XPU	OPEN		$ 0.03		NA	per OS/DA call
6	MI	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding - Initial / Subsequent Load - per trunk group					$800.00	$800.00	per trunk group
6	MI	OPERATOR SERVICES/DIRECTORY ASSISTANCE RATE/REFERENCES	Directory Assistance Rate Reference - Initial Load, per state, per OCN					$ 5,000.00		per state, per OCN
6	MI	OPERATOR SERVICES/DIRECTORY ASSISTANCE RATE/REFERENCES	Directory Assistance Rate Reference - Subsequent Load, per state, per OCN					NA	$ 1,500.00	per state, per OCN
6	MI	OPERATOR CALL PROCESSING	Operator Services Fully Automated Call Processing, per call	XPU	OPEN		$ 0.15	NA	NA	per call
6	MI	OPERATOR CALL PROCESSING	Operator Assisted Call Processing -- All Types, per work second	XPU	OPEN		$ 0.03	NA	NA	per work second
6	MI	DIRECTORY LISTING PRODUCT	DA Listings - per listing for initial load					$ 0.040	NA	per listing
6	MI	DIRECTORY LISTING PRODUCT	DA Listings - per listing for subsequent updates				$ 0.060	NA	NA	per listing
6	MI	DIRECTORY LISTING PRODUCT	White Page Directory Listings				$0.00	$0.00	$0.00	initial listing is no charge
6	MI	DIRECTORY LISTING PRODUCT	Non Published/Non List Directory Listings							See Tariffs and / or Service Guidebook
6	MI	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				16.62%	N/A	N/A	Flat Rate Discount for Resale
6	MI	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				16.62%	N/A	N/A	Flat Rate Discount for Resale

Attachment	State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone	Monthly Recurring Charge (MRC)	Non-Recurring Charge (NRC) First	Non-Recurring Charge (NRC) Additional	Per Unit
2MR-AT	OH	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective Through 6/30/17)	OHU	USG15		0.0007			MOU
2MR-AT	OH	LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)	Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective 7/01/17)	OHU	USG15		$0.00			MOU
6	OH	DIRECTORY ASSISTANCE SERVICES	Directory Assistance, per call	XPU	OPEN		$ 0.40	NA		per call
6	OH	DIRECTORY ASSISTANCE SERVICES	Directory Assistance National Directory Assistance (NDA), per call	XPU	OPEN		$ 0.65	NA		per call
6	OH	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Reverse Directory Assistance (RDA), per call	XPU	OPEN		$ 0.65	NA		per call
6	OH	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Business Category Search (BCS) where applicable, per call	XPU	OPEN		$ 0.65	NA		per call
6	OH	DIRECTORY ASSISTANCE SERVICES	Directory Assistance Call Completion (DACC), per call	XPU	OPEN		$ 0.15	NA		per call
6	OH	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding - Other - Initial/Subsequent Load, per switch per OCN				NA	$ 1,800.00	$ 1,800.00	per switch, per OCN
6	OH	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding and Reference/Rate Look Up, per OS/DA call	XPU	OPEN		$ 0.03	NA		per OS/DA call
6	OH	OPERATOR SERVICES/DIRECTORY ASSISTANCE RATE/REFERENCES	Rate Reference - Initial Load, per state, per OCN				NA	$ 5,000.00		per state, per OCN
6	OH	OPERATOR SERVICES/DIRECTORY ASSISTANCE RATE/REFERENCES	Rate Reference - Subsequent Load, per state, per OCN				NA	NA	$ 1,500.00	per state, per OCN
6	OH	OPERATOR CALL PROCESSING	Operator Services Fully Automated Call Processing, per call	XPU	OPEN		$ 0.15	NA		per call
6	OH	OPERATOR CALL PROCESSING	Operator Assisted Call Processing - All Types, per work second	XPU	OPEN		$ 0.03	NA		per work second
6	OH	DIRECTORY LISTING PRODUCT	DA Listings - per listing for initial load				NA	$ 0.040		per listing
6	OH	DIRECTORY LISTING PRODUCT	DA Listings - per listing for subsequent updates				$ 0.060			per listing
6	OH	OPERATOR SERVICES/DIRECTORY ASSISTANCE AUTOMATED CALL GREETING	Branding - Initial / Subsequent Load - per trunk group					$800.00	$800.00	per trunk group
6	OH	DIRECTORY LISTING PRODUCT	White Page Directory Listings				$0.00	$0.00	$0.00	initial listing is no charge
6	OH	DIRECTORY LISTING PRODUCT	Non Published /Non List / Additional Directory Listings							See Tariffs and / or Service Guidebook
6	OH	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Directory Assistance Services				20.29%	N/A	N/A	Flat Rate Discount for Resale
6	OH	OTHER RESALE - DIRECTORY ASSISTANCE/OPERATOR SERVICES	Local Operator Assistance Service				20.29%	N/A	N/A	Flat Rate Discount for Resale

AT&T Wholesale Amendment

AMENDMENT

BETWEEN

MICHIGAN BELL TELEPHONE COMPANY D/B/A AT&T MICHIGAN, THE OHIO BELL TELEPHONE COMPANY D/B/A AT&T OHIO

AND

TELCOVE OPERATIONS, LLC

Signature: eSigned - Gary Black, Jr.

Name: eSigned - Gary Black, Jr.
(Print or Type)

Title: VP-Carrier Relations
(Print or Type)

Date: 18 Sep 2018

TelCove Operations, LLC

Signature: eSigned - William Bockelman

Name: eSigned - William Bockelman
(Print or Type)

Title: DIR-INTERCONNECTION AGREEMENTS
(Print or Type)

Date: 24 Sep 2018

Michigan Bell Telephone Company d/b/a AT&T MICHIGAN, The Ohio Bell Telephone Company d/b/a AT&T OHIO by AT&T Services, Inc., its authorized agent

State	Resale OCN	CLEC OCN
MICHIGAN	3075	3074
OHIO	4962	4963

Description	ACNA Code(s)
ACNA(s)	HTJ

AMENDMENT TO
INTERCONNECTION AGREEMENT
BY AND BETWEEN
MICHIGAN BELL TELEPHONE COMPANY D/B/A AT&T MICHIGAN, THE OHIO BELL TELEPHONE COMPANY D/B/A AT&T OHIO
AND
TELCOVE OPERATIONS, LLC

This Amendment (the "Amendment") amends the Agreements by and between AT&T and CLEC as shown in the attached Exhibit A.

WITNESSETH:

WHEREAS, AT&T and CLEC are Parties to the Agreements as shown in the attached Exhibit A.

WHEREAS, AT&T, members of the CLEC community and representatives of the state Commission staffs for Illinois, Indiana, Michigan, Ohio and Wisconsin recently participated in a collaborative to determine whether to modify the current Commission approved and ordered Performance Measures and Remedies Plan (the "Plan") for the States of Illinois, Indiana, Michigan, Ohio and Wisconsin ("Collaborative Review"); and

WHEREAS, that Collaborative Review resulted in agreement by the Parties to extend the term of the Plan, without changes.

NOW, THEREFORE, in consideration of the promises and mutual agreements set forth herein, the Parties agree to amend the Agreement as follows:

1. The term of the Plan shall be extended for two (2) years ending December 31, 2020.
2. Conflict between this Amendment and the Agreement. This Amendment shall be deemed to revise the terms and conditions of the Agreement only to the extent necessary to give effect to the purpose of this Amendment, which is to extend the term of the Plan. In the event of a conflict between the terms and conditions of this Amendment and the terms and conditions of the Agreement, this Amendment shall govern, *provided, however,* that the fact that a term or condition appears in this Amendment but not in the Agreement, or in the Agreement but not in this Amendment, shall not be interpreted as, or deemed grounds for finding, a conflict.
3. Scope of Amendment. This Amendment shall amend, modify and revise the Agreement only to the extent set forth expressly in paragraph 1 of this Amendment. All other terms and conditions of the Agreement remain in full force and effect for the duration of the term of the Agreement, including but not limited to termination rights of the Parties. Nothing in this Amendment shall be deemed to extend or otherwise modify the term of the Agreement, or to affect the rights of the Parties to exercise any right of termination under the Agreement.
4. There shall be no retroactive application of any provision of this Amendment prior to the Effective Date of an adopting CLEC's agreement.
5. In entering into this Amendment, neither Party waives, and each Party expressly reserves, any rights, remedies or arguments it may have at law or under the intervening law or regulatory change provisions in the underlying Agreement (including intervening law rights asserted by either Party via written notice predating this Amendment) with respect to any orders, decisions, legislation or proceedings and any remands thereof, which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further review.
6. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.
7. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.

8. Signatures by all Parties to this Amendment are required to effectuate this Amendment. This Amendment may be executed in counterparts. Each counterpart shall be considered an original and such counterparts shall together constitute one and the same instrument.

9. For Illinois, Indiana and Michigan: This Amendment shall be filed with and is subject to approval by the state Commission and shall become effective ten (10) days following approval by such Commission. For Ohio: Based on the Public Utilities Commission of Ohio Rules, the Amendment is effective upon filing and is deemed approved by operation of law on the 91st day after filing. However, for all states, the Amendment shall be implemented as of January 1, 2019 or the date it is fully executed, whichever is later. For example, if a CLEC signs and returns the Amendment on January 15, 2019, remedies are effective with February 2019 performance data which will be reported in March 2019 with remedies due being payable in April 2019.

Exhibit A

AT&T ILEC ("AT&T")	CARRIER Legal Name	Contract Type	Approval Date
Michigan Bell Telephone Company d/b/a AT&T MICHIGAN	TelCove Operations, LLC	Interconnection	9/12/2006
The Ohio Bell Telephone Company d/b/a AT&T Ohio	TelCove Operations, LLC	Interconnection	5/30/2006

AMENDMENT

BETWEEN

MICHIGAN BELL TELEPHONE COMPANY D/B/A AT&T MICHIGAN

AND

TELCOVE OPERATIONS, LLC

Signature: eSigned - Gary Black, Jr.

Name: eSigned - Gary Black, Jr.
(Print or Type)

Title: VP-Carrier Relations
(Print or Type)

Date: 11 Feb 2020

TelCove Operations, LLC

Signature: eSigned - Kristen Shore

Name: eSigned - Kristen Shore
(Print or Type)

Title: AVP Regulatory
(Print or Type)

Date: 17 Feb 2020

Michigan Bell Telephone Company d/b/a AT&T MICHIGAN by AT&T Services, Inc., its authorized agent

State	Resale OCN	CLEC OCN
MICHIGAN	3075	3074

Description	ACNA Code(s)
ACNA(s)	HTJ

AMENDMENT TO THE AGREEMENT BETWEEN TELCOVE OPERATIONS, LLC AND MICHIGAN BELL TELEPHONE COMPANY D/B/A AT&T MICHIGAN

This Amendment ("Amendment") amends the Interconnection Agreement by and between Michigan Bell Telephone Company d/b/a AT&T MICHIGAN ("AT&T") and TelCove Operations, LLC ("TelCove Operations, LLC"). AT&T and TelCove Operations, LLC are hereinafter referred to collectively as the "Parties" and individually as a "Party".

WHEREAS, AT&T and TelCove Operations, LLC are parties to an Interconnection Agreement under Sections 251 and 252 of the Communications Act of 1934, as amended (the "Act"), signed August 17, 2006 and as subsequently amended (the "Agreement"); and

NOW, THEREFORE, in consideration of the promises and mutual agreements set forth herein, the Parties agree to amend the Agreement as follows:

1. This Amendment is composed of the foregoing recitals, the terms and conditions, contained within, all of which are hereby incorporated in this Amendment by this reference and constitute a part of this Amendment.

2. Replace Section 3.5 in Appendix NIM (Network Interconnection Methods) of the Agreement with the following

3.5 Entrance Facilities

3.5.1 Entrance Facilities are transmission facilities (typically wires or cables) that connect Level 3's network with AT&T's network. Specifically, Entrance Facilities connect Level 3's network from Level 3's Switch or Point of Presence ("POP") within the LATA to the AT&T Serving Wire Center of such Switch or POP.

3.5.2 To resolve TelCove Operations, LLC asserted claims against AT&T, and AT&T asserted counterclaims against Level 3, in a lawsuit styled Level 3 Communications, LLC, et al. v. Illinois Bell Telephone Company, et al., Case No. 4:13cv1080, in the United States District Court for the Eastern District of Missouri (the "Lawsuit"), TelCove Operations, LLC may convert an Entrance Facility purchased from an AT&T tariff and/or service guidebook to an Entrance Facility as described in 3.5.3 below only when TelCove Operations, LLC provides 90 days of verifiable evidence that more than 90% of the traffic sent by TelCove Operations, LLC over the particular Entrance Facility is 251(b)(5) Traffic ("Convert"). If TelCove Operations, LLC submits an order to Convert an Entrance Facility but fails to provide verifiable evidence, or the verifiable evidence fails to demonstrate the 90% standard, then AT&T may reject such order. If TelCove Operations, LLC submits an order to Convert an Entrance Facility subject to the Lawsuit, AT&T will either waive or credit any Early Termination Fees or Non-Recurring Charges associate with the Conversion order. This Section 3.5.2 only applies to the facilities that were in dispute in the Lawsuit.

3.5.3 TelCove Operations, LLC may purchase "existing" Entrance Facilities at the rates set forth in the Pricing Sheet(s), when used only for interconnection within the meaning of Section 251(c)(2) of the Act and 47 C.F.R. § 51.5, which for avoidance of doubt includes interconnection for the exchange of Optional EAS Traffic. Additionally, the Parties agree that Entrance Facilities may be used for the transmission and routing of transit traffic. An Entrance Facility is "existing" if the facility is present in AT&T's network when TelCove Operations, LLC submits an Access Service Request ("ASR") requesting the Entrance Facility and no special construction is required. TelCove Operations, LLC may not purchase Entrance Facilities for Mixed Use, i.e., Entrance Facilities used in part in compliance with the foregoing and in part for other purposes ("Mixed Use"), for the rates set forth in the Pricing Sheet(s). Such Mixed-Use facilities will not be provided pursuant to this Agreement as amended but may be provided pursuant to the applicable AT&T tariff and/or service guidebook.

3.5.4 TelCove Operations, LLC may not use Entrance Facilities obtained pursuant to this Agreement for any other purpose, including without limitation (i) as unbundled network elements under Section 251(c)(3) of the Act, (ii) for backhauling traffic (e.g., to provide a final link in the dedicated transmission path between TelCove Operations, LLC's customer and TelCove Operations, LLC's switch, or to carry traffic

to and from its own end users) or (iii) E911, Operator Services and Directory Assistance, and Meet Point Trunk Groups.

3.5.5 If AT&T determines that TelCove Operations, LLC is sending traffic over an Entrance Facility other than as set forth in Sections 3.5.2 or 3.5.3, AT&T shall notify TelCove Operations, LLC of such non-compliance, and TelCove Operations, LLC shall cure such non-compliance within 45 days of such notice. If TelCove Operations, LLC does not cure such noncompliance within 45 days, notwithstanding other terms of the Agreement, AT&T reserves its rights to convert any non-compliant facility to the equivalent month-to-month switched access rates and back bill the difference between such rates and the Entrance Facility rates to the date of such notice.

3. This Amendment shall be deemed to revise the terms and provisions of the Agreement only to the extent necessary to give effect to the terms and provisions of this Amendment. In the event of a conflict between the terms and provisions of this Amendment and the terms and provisions of the Agreement (including all incorporated or accompanying Appendices, Addenda, and Exhibits to the Agreement), this Amendment shall govern, provided, however, that the fact that a term or provision appears in this Amendment but not in the Agreement, or in the Agreement but not in this Amendment, shall not be interpreted as, or deemed grounds for finding, a conflict for purposes of this Amendment.

4. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.

5. Signatures by all Parties to this Amendment are required to effectuate this Amendment. This Amendment may be executed in counterparts. Each counterpart shall be considered an original and such counterparts shall together constitute one and the same instrument.

6. For Michigan: This Amendment shall be filed with and is subject to approval by the applicable state Commission and shall become effective ten (10) days following approval by such Commission.

AMENDMENT

BETWEEN

MICHIGAN BELL TELEPHONE COMPANY D/B/A AT&T MICHIGAN, THE OHIO BELL TELEPHONE COMPANY D/B/A AT&T OHIO, SOUTHWESTERN BELL TELEPHONE COMPANY D/B/A AT&T ARKANSAS, AT&T KANSAS, AT&T MISSOURI, AND AT&T OKLAHOMA,

AND

TELCOVE OPERATIONS, LLC

Signature: eSigned - Gary Black, Jr.

Name: eSigned - Gary Black, Jr.
(Print or Type)

Title: VP- Carrier Relations
(Print or Type)

Date: 04 Apr 2022

TelCove Operations, LLC

Signature: eSigned - Kristen E. Shore

Name: eSigned - Kristen E. Shore
(Print or Type)

Title: AVP- Regulatory
(Print or Type)

Date: 04 Apr 2022

Michigan Bell Telephone Company d/b/a AT&T MICHIGAN, The Ohio Bell Telephone Company d/b/a AT&T OHIO, Southwestern Bell Telephone Company d/b/a AT&T ARKANSAS, AT&T KANSAS, AT&T MISSOURI, and AT&T OKLAHOMA by AT&T Services, Inc., its authorized agent

AMENDMENT TO THE AGREEMENT BETWEEN TELCOVE OPERATIONS, LLC AND MICHIGAN BELL TELEPHONE COMPANY D/B/A AT&T MICHIGAN, THE OHIO BELL TELEPHONE COMPANY D/B/A AT&T OHIO, SOUTHWESTERN BELL TELEPHONE COMPANY D/B/A AT&T ARKANSAS, AT&T KANSAS, AT&T MISSOURI AND AT&T OKLAHOMA

This Amendment (the "Amendment") amends the Agreements by and between AT&T and CLEC as shown in the attached Exhibit B. AT&T and CLEC are hereinafter referred to collectively as the "Parties" and individually as a "Party".

WHEREAS, AT&T and CLEC are Parties to the Agreements as shown in the attached Exhibit B; and

WHEREAS, the Parties desire to amend the Agreement to implement the FCC Orders FCC-19-66 and FCC-19-72 in WC Dkt. No. 18-141; Petition of USTelecom for Forbearance Pursuant to 47 U.S.C. § 160(c) to Accelerate Investment in Broadband and Next-Generation Networks which was filed with the FCC on May 4, 2017 ("FCC UNE and Resale Forbearance Order"); and

WHEREAS, the Parties desire to amend the Agreement to implement the FCC Order FCC-20-152 in WC Dkt. No. 19-308; Modernizing Unbundling and Resale Requirements in an Era of Next-Generation Networks and Services which was filed with the FCC on January 8, 2021 ("FCC UNE Relief Order"); and

WHEREAS, the Parties desire to modify certain provisions related to Operations Support Systems (OSS) and/or Data Connection Security Requirements; and

NOW, **THEREFORE**, in consideration of the promises and mutual agreements set forth herein, the Parties agree to amend the Agreement as follows:

1. The Amendment is composed of the foregoing recitals and the terms and conditions contained herein, all of which are hereby incorporated by this reference and constitute a part of this Amendment.
2. As of February 2, 2020, except for resale services that are grandfathered pursuant to subsection a, CLEC may no longer purchase any resale services pursuant to the rates, terms and conditions of this Agreement, including any resale Tariff referred to in this Agreement, other than the rates, terms and conditions provided for in Attachment 251(b)(1) Resale.
    a. Resale services ordered on or before February 1, 2020 ("Resale Embedded Base"), are grandfathered until August 2, 2022, and available only:
        i. to the same End User; and
        ii. at that same End User's existing location;
        iii. both as of February 2, 2020.
3. Add Attachment - 251(b)(1) Resale to the Agreement.
4. As of February 2, 2020, CLEC may no longer order 2-Wire Analog UNE Loops or 4-Wire Analog UNE Loops ("Analog Loops") pursuant to this Agreement. Any existing Analog Loops ordered on or before February 1, 2020 ("Analog Loop Embedded Base") are grandfathered until August 2, 2022. CLEC shall convert the Analog Loop Embedded Base to a commercial offering, or other comparable service, or disconnect such Analog Loop on, or before, August 1, 2022. Exhibit A to this Amendment contains Analog Loop element descriptions and USOCs that are subject to the FCC UNE and Resale Forbearance Order, however this Agreement may also contain additional and/or older element descriptions and USOCs that are also Analog Loops subject to the FCC UNE and Resale Forbearance Order.
    a. To the extent CLEC fails to adhere to the above, at AT&T's sole discretion, AT&T may take one or more of the following actions for any remaining Analog Loops and CLEC will be responsible for all recurring and non-recurring charges:

i. convert to an analogous arrangement available under a separate commercial agreement executed by the Parties, or

ii. convert to AT&T tariff or guidebook services (in which case month-to-month rates, terms and conditions shall apply), or

iii. reprice by application of a new rate (or by application of a surcharge to an existing rate)

b. AT&T reserves the right to backbill CLEC for the difference between an Analog Loop rate and the non-UNE rate that applies under this Section 4 for any new Analog Loops inadvertently ordered on or after February 2, 2020, and any Analog Loop Embedded Base remaining as of August 1, 2022.

c. AT&T's election to reprice the Analog Loop shall not preclude AT&T from later converting the Analog Loop to an analogous arrangement available under a separate commercial agreement or an AT&T tariff or guidebook service. AT&T will provide notice of such change.

5. As of January 12, 2020, CLEC may no longer order DS1/DS3 Unbundled Dedicated Transport ("DS1/DS3 UDT"), whether stand-alone or part of a combination (e.g., Enhanced Extended Link), pursuant to this Agreement between Tier 1 wire centers and/or wire centers subject to UDT forbearance under Public Notice DA 19-733, dated August 1, 2019. Any such existing DS1/DS3 UDT ordered on or before January 11, 2020, is grandfathered until July 12, 2022 ("UDT Embedded Base").

i. CLEC must convert any grandfathered DS1/DS3 UDT to another product/service offering on or before July 12, 2022, pursuant to the Conversion of 251(c)(3) UNE/UNE Combinations to Wholesale Services provisions of this Agreement or other similar provision.

ii. If CLEC fails to convert grandfathered DS1/DS3 UDT before July 12, 2022, at AT&T's sole discretion, AT&T may convert any, or all, of the remaining DS1/DS3 UDT to the equivalent Special Access service at month-to-month rates, terms and conditions. CLEC shall be responsible for all associated recurring and non-recurring charges.

iii. AT&T reserves the right to backbill CLEC for the difference between a DS1/DS3 UDT rate and the non-UNE rate that applies under this Section 5 for any new circuits inadvertently ordered on or after January 12, 2020 and any UDT Embedded Base remaining as of July 12, 2022.

iv. If the FCC determines that additional wire centers are subject to forbearance, CLEC shall cease ordering DS1/DS3 UDT as of the date specified by the FCC and adhere to any FCC-specified transition timelines.

6. As of February 8, 2023, CLEC may no longer order new 2-Wire Digital UNE Loops ("Digital Loops") pursuant to this Agreement in Wire Centers where at least 50% of the census blocks served are designated as urbanized areas. Any existing Digital Loops ordered on or before February 8, 2023 ("Digital Loop Embedded Base") are grandfathered until February 8, 2025. CLEC shall convert the Digital Loop Embedded Base to a commercial offering, or an alternate arrangement, or disconnect such Digital Loop on or before February 8, 2025. Exhibit A to this Amendment contains Digital Loop element descriptions and USOCs that are subject to the FCC UNE Relief Order; however, this Agreement may also contain additional and/or older element descriptions and USOCs that are also Digital Loops subject to the FCC UNE Relief Order.

a. To the extent CLEC fails to adhere to the above, at AT&T's sole discretion, AT&T may take one or more of the following actions for any remaining Digital Loops and CLEC will be responsible for all recurring and non-recurring charges:

i. convert to a digital arrangement available under a separate commercial agreement executed by the Parties, or

ii. convert to AT&T tariff or guidebook services (in which case month-to-month rates, terms and conditions shall apply), or

iii. reprice by application of a new rate (or by application of a surcharge to an existing rate)

b. AT&T reserves the right to backbill CLEC for the difference between the Digital Loop rate and the non-UNE rate that applies under this Section 6 for any new Digital Loops inadvertently ordered on or after February 8, 2023, and any

Digital Loop Embedded Base remaining as of February 8, 2025.

c. AT&T's election to reprice the Digital Loop shall not preclude AT&T from later converting the Digital Loop to a Digital arrangement available under a separate commercial agreement or an AT&T tariff or guidebook service. AT&T will provide notice of such change.

7. As of February 8, 2023, CLEC may no longer order new DS1 UNE Loops ("DS1 Loops") pursuant to this Agreement in Wire Centers in counties deemed to be competitive in the BDS proceeding as listed in the AT&T Guidebook, which may change from time to time. Any existing DS1 Loops ordered on or before February 8, 2023 ("DS1 Loop Embedded Base") are grandfathered until July 8, 2024. CLEC shall convert the DS1 Loop Embedded Base to an alternate arrangement, or disconnect such DS1 Loop on or before July 8, 2024. Exhibit A to this Amendment contains DS1 Loop element descriptions and USOCs that are subject to the FCC UNE Relief Order; however, this Agreement may also contain additional and/or older element descriptions and USOCs that are also DS1 Loops subject to the FCC UNE Forbearance Order.

   a. To the extent CLEC fails to adhere to the above, at AT&T's sole discretion, AT&T may take one or more of the following actions for any remaining DS1 Loops and CLEC will be responsible for all recurring and non-recurring charges:
      i. convert to AT&T tariff or guidebook services (in which case month-to-month rates, terms and conditions shall apply), or
      ii. reprice by application of a new rate (or by application of a surcharge to an existing rate)

   b. AT&T reserves the right to backbill CLEC for the difference between the DS1 Loop rate and the non-UNE rate that applies under this Section 7 for any new DS1 Loops inadvertently ordered on or after February 8, 2023, and any DS1 Loop Embedded Base remaining as of July 8, 2024.

   c. AT&T's election to reprice the DS1 Loop shall not preclude AT&T from later converting the DS1 Loop to a DS1 arrangement available under a separate AT&T tariff or guidebook service. AT&T will provide notice of such change.

8. As of February 8, 2021, CLEC may no longer order new DS3 UNE Loops ("DS3 Loops") pursuant to this Agreement in Wire Centers in counties deemed to be competitive in the BDS proceeding as listed in the AT&T Guidebook, which may change time to time. Any existing DS3 Loops ordered on or before February 8, 2021 ("DS3 Loop Embedded Base") are grandfathered until February 8, 2024. CLEC shall convert the DS3 Loop Embedded Base to an alternate arrangement, or disconnect such DS3 Loop on or before February 8, 2024. Exhibit A to this Amendment contains DS3 Loop element descriptions and USOCs that are subject to the FCC UNE Relief Order, however this Agreement may also contain additional and/or older element descriptions and USOCs that are also DS3 Loops subject to the FCC UNE Forbearance Order.

   a. To the extent CLEC fails to adhere to the above, at AT&T's sole discretion, AT&T may take one or more of the following actions for any remaining DS3 Loops and CLEC will be responsible for all recurring and non-recurring charges:
      i. convert to AT&T tariff or guidebook services (in which case month-to-month rates, terms and conditions shall apply), or
      ii. reprice by application of a new rate (or by application of a surcharge to an existing rate)

   b. AT&T reserves the right to backbill CLEC for the difference between the DS3 Loop rate and the non-UNE rate that applies under this Section 8 for any new DS3 Loops inadvertently ordered on or after February 8, 2021, and any DS3 Loop Embedded Base remaining as of February 8, 2024.

   c. AT&T's election to reprice the DS3 Loop shall not preclude AT&T from later converting the DS3 Loop to a DS3 arrangement available under a separate AT&T tariff or guidebook service. AT&T will provide notice of such change.

9. As of February 8, 2021, CLEC may no longer order new UNE Dark Fiber Transport ("DFT") pursuant to this Agreement where the dark fiber transport is connected to a Tier 3 wire center located within ½ mile of competitive fiber as described in the FCC UNE Relief Order and designated by the FCC. Any existing UNE Dark Fiber Transport facility ordered before February 8, 2021 ("Dark Fiber Transport Embedded Base") is grandfathered until February 8, 2029. CLEC shall convert the UNE Dark Fiber Transport Embedded Base to an alternate arrangement, or disconnect such UNE Dark Fiber Transport on or before February 8, 2029. Exhibit A to this Amendment contains UNE Dark Fiber Transport element descriptions and

USOCs that are subject to the FCC UNE Relief Order; however, this Agreement may also contain additional and/or older element descriptions and USOCs that are also UNE Dark Fiber Transport subject to the FCC UNE Relief Order. If the FCC determines that additional wire centers are subject to forbearance, CLEC shall cease ordering DFT as of the date specified by the FCC and adhere to any FCC-specified transition timelines.

a. To the extent CLEC fails to adhere to the above, at AT&T's sole discretion, AT&T may take one or more of the following actions for any remaining UNE Dark Fiber Transport and CLEC will be responsible for all recurring and non-recurring charges:
   i. convert to AT&T tariff or guidebook services (in which case month-to-month rates, terms and conditions shall apply), or
   ii. reprice by application of a new rate (or by application of a surcharge to an existing rate)

b. AT&T reserves the right to backbill CLEC for the difference between an UNE Dark Fiber Transport rate and the non-UNE rate that applies under this Section 9 for any new UNE Dark Fiber Transport inadvertently ordered on or after February 8, 2021, and any UNE Dark Fiber Transport Embedded Base remaining as of February 8, 2029.

c. AT&T's election to reprice the UNE Dark Fiber Transport shall not preclude AT&T from later converting the UNE Dark Fiber Transport to a DFT arrangement available under a separate AT&T tariff or guidebook service. AT&T will provide notice of such change.

10. As of February 8, 2021, CLEC may no longer order new UNE Subloops or UNE Network Interface Devices (NIDs) pursuant to this Agreement.

11. CLEC shall provide a forecast of the total number of Unbundled Loops in its embedded customer base that it plans to migrate to an alternate product or service as required by each region. CLEC shall work with AT&T to establish mutually agreed to daily order volume parameters and make a reasonable effort to affect a timely and orderly migration by the end of the transition period.

12. The Parties agree to replace Section 9.1 from Appendix OSS-RESALE & UNE of the Agreement with the following language:

    9.1 **Data Connection Security Requirements**

    9.1.1 CLEC agrees to comply with AT&T data connection security procedures as set forth on the AT&T CLEC Online website as they may change from time to time, including but not limited to procedures on joint security requirements, information security, user identification and authentication, network monitoring, and software integrity. To the extent there is a conflict between this Amendment's Section 12 and the Competitive Local Exchange Carrier (CLEC) Operations Support Systems (OSS) Procedures, the CLEC OSS Interconnection Procedures shall govern.

    9.1.2 CLEC agrees that the interconnection of CLEC data facilities with AT&T data facilities for access to OSS will be in compliance with AT&T's "Competitive Local Exchange Carrier (CLEC) Operations Support System Interconnection Procedures" document, which is revised from time to time and posted to the AT&T CLEC Online website.

13. In entering into this Amendment, neither Party waives, and each Party expressly reserves, any rights, remedies or arguments it may have at law or under the intervening law or regulatory change provisions in the underlying Agreement (including intervening law rights asserted by either Party via written notice predating this Amendment) with respect to any orders, decisions, legislation or proceedings and any remands thereof, which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further review.

14. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.

15. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.

16. Signatures by all Parties to this Amendment are required to effectuate this Amendment. This Amendment may be executed in counterparts. Each counterpart shall be considered an original and such counterpart shall together constitute one and

the same instrument.

17. For Kansas, Michigan, Missouri, Oklahoma: This Amendment shall be filed with and is subject to approval by the applicable state Commission and shall become effective ten (10) days following approval by such Commission. For Arkansas: This Amendment shall be filed with the Arkansas Public Service Commission and shall become effective upon filing. For Ohio: Based on the Public Utilities Commission of Ohio Rules, the Amendment is effective upon filing and is deemed approved by operation of law on the 91st day after filing. For Wisconsin: Pursuant to Wisconsin Statute § 196.40, this Amendment shall become effective ten (10) days after the mailing date of the final order approving this Amendment.

ATTACHMENT 16b – 251(b)(1) RESALE

TABLE OF CONTENTS

Section **Page Number**

1.0 INTRODUCTION....3
2.0 GENERAL PROVISIONS....3
3.0 PRICING AND DISCOUNTS....4
4.0 RESPONSIBILITIES OF PARTIES....4
5.0 BILLING AND PAYMENT OF RATES AND CHARGES....5
6.0 ANCILLARY SERVICES....6
7.0 SUSPENSION OF SERVICE....6

1.0 INTRODUCTION

1.1 This Attachment sets forth terms and conditions for Section 251(b)(1) resale services ("Resale Services") provided by AT&T-21STATE to CLEC.

1.2 Pursuant to Section 251(b)(1), beginning February 2, 2020, CLEC may order and AT&T-21STATE shall make available to CLEC for resale, pursuant to the rates, terms and conditions of this Attachment, Telecommunications Services that AT&T-21STATE provides at retail to End Users who are not Telecommunications Carriers. Beginning August 2, 2022, this Attachment shall govern all Resale Services CLEC orders from AT&T-21STATE, including Resale Services that were ordered prior to August 2, 2022 pursuant to other provisions of this Agreement and/or resale tariff and that remain in service as of that date ("Resale Embedded Base").

2.0 GENERAL PROVISIONS

2.1 AT&T-21STATE's obligation to provide Resale Services under this Attachment is subject to availability of existing facilities. CLEC may resell Telecommunications Services provided hereunder only in those service areas in which such Resale Services or any feature or capability thereof are currently offered to AT&T-21STATE's End Users at retail.

2.2 Notwithstanding any other provision in this Agreement or in any applicable Tariff, once a retail service has been grandfathered it is available to CLEC for resale pursuant to the rates, terms and conditions of the state-specific retail Tariff and only:

(i) to the same End User; and

(ii) at that same End User's existing location;

(iii) both as of the time of that service's grandfathering.

2.3 AT&T-21STATE may withdraw the availability of certain Telecommunication Services that AT&T-21STATE previously provisioned to CLEC or retail End Users pursuant to C.F.R 51.325 through 51.335 as such rules may be amended from time to time (the "Network Disclosure Rules").

2.4 CLEC shall not use any Resale Services to avoid the rates, terms and conditions of AT&T-21STATE's corresponding retail Tariff(s). Moreover**,** CLEC shall not use any Resale Services to provide access or interconnection services to itself, interexchange carriers (IXCs), wireless carriers, competitive access providers (CAPs), interconnected VoIP providers (IVPs), mobile virtual network operators (MVNOs), or other Telecommunications providers; provided, however, that CLEC may permit its End Users to use resold local exchange telephone service to access IXCs, wireless carriers, CAPs, or other retail Telecommunications providers. CLEC may not resell any Resale Services to another CLEC, including its own Affiliate(s).

2.5 Except as otherwise expressly provided herein, the state-specific retail Tariff(s) shall govern the rates, terms and conditions associated with the Telecommunications Services available to CLEC for resale, except for any resale restrictions; provided, however, that any restrictions on further resale by the End User shall continue to apply. CLEC and its End Users may not use Resale Services in any manner not permitted for AT&T-21STATE's End Users. Any change to the rates, terms and conditions of any applicable Tariff is automatically incorporated herein and is effective hereunder on the date any such change is effective.

2.6 CLEC shall only sell Plexar®, Centrex and Centrex-like services to a single End User or multiple End User(s) in accordance with the terms and conditions set forth in the retail Tariff(s) applicable to the state(s) in which service is being offered.

2.7 Except where otherwise explicitly permitted in AT&T-21STATE's Tariff(s), CLEC shall not permit the sharing of Resale Services by multiple End User(s) or the aggregation of traffic from multiple End User(s) onto a single service.

2.8 CLEC shall only provide Resale Services under this Attachment to the same category of End User(s) to which AT&T-21STATE offers such services (for example, residence service shall not be resold to business End Users).

2.9 Special Needs Services are services for the physically disabled as defined in state-specific Tariffs. Where available for resale in accordance with state-specific Tariffs, CLEC may resell Special Needs Services to End Users who are eligible for each such service. To the extent CLEC provides Resale Services that require certification on the part of

the End User, CLEC shall ensure that the End User meets all the Tariff eligibility requirements, has obtained proper certification, continues to be eligible for the program(s), and complies with all rules and regulations as established by the appropriate Commission and state Tariffs.

2.10 When ordering Resale Services that have an eligibility requirement (e.g., available only in a "retention", "winback", or "competitive acquisition" setting), CLEC shall maintain (and provide to AT&T-21STATE upon reasonable request) appropriate documentation, including, but not limited to, original End User service order data, evidencing the eligibility of its End User(s) for such offering or promotion. AT&T-21STATE may request up to one (1) audit for each promotion per twelve (12) month period that may cover up to the preceding twenty-four (24) month period.

2.11 Promotions of ninety (90) calendar days or less ("Short-Term Promotions") shall not be available for resale. Promotions lasting longer than ninety (90) calendar ("Long-Term Promotions") may be made available for resale. AT&T 21-STATE may eliminate any Resale Discount on all or certain Long-Term Promotions by providing a 45-day notice of such elimination.

2.12 If CLEC is in violation of any provision of this Attachment, AT&T-21STATE will notify CLEC of the violation in writing ("Resale Notice"). Such Resale Notice shall refer to the specific provision being violated. CLEC will have the breach cure period as specified in the General Terms and Conditions of this Agreement to correct the violation and notify AT&T-21STATE in writing that the violation has been corrected. AT&T-21STATE will bill CLEC the greater of:

(i) the charges that would have been billed by AT&T-21STATE to CLEC or any Third Party but for the stated violation; or

(ii) the actual amounts CLEC billed its End User(s) in connection with the stated violation.

2.13 Notwithstanding any other provision of this Agreement, CLEC acknowledges and agrees that the assumption or resale to similarly-situated End Users of customer specific arrangement contracts, individual case basis contracts, or any other customer specific pricing contract is not addressed in this Agreement and that if CLEC would like to resell such arrangements, it may only do so consistent with applicable law and after negotiating an amendment hereto that establishes the rates, terms and conditions thereof. Such amendment will only be effective upon written execution by both Parties and approval by the Commission(s).

2.14 Except where otherwise required by law, CLEC shall not, without AT&T-21STATE's prior written authorization, offer the services covered by this Attachment using the trademarks, service marks, trade names, brand names, logos, insignia, symbols or decorative designs of AT&T-21STATE or its Affiliates, nor shall CLEC state or imply that there is any joint business association or similar arrangement with AT&T-21STATE in the provision of Telecommunications Services to CLEC's End Users.

3.0 PRICING AND DISCOUNTS

3.1 "Resale Discount" means the applicable discount off retail rates applied to AT&T-21STATE Telecommunications Services resold by CLEC to its End Users. Any change to the rates, terms and conditions of any applicable retail Tariff is automatically incorporated herein and is effective hereunder on the date any such change is effective.

3.2 The Resale Discounts in the underlying Interconnection Agreement will apply until AT&T-21STATE provides notification of change to the Resale Discounts. AT&T-21STATE will provide such notification at least three (3) months in advance of any change to current Resale Discounts. Changes to the Resale Discounts will be posted to AT&T CLEC Online and will be incorporated by reference upon the effective date stated therein. For avoidance of doubt, changes to Resale Discounts do not apply to Embedded Base Resale until August 2, 2022.

4.0 RESPONSIBILITIES OF PARTIES

4.1 CLEC shall be responsible for modifying and connecting any of its systems with AT&T-21STATE-provided interfaces, as outlined in Attachment 07 – Operations Support Systems (OSS), and CLEC agrees to abide by AT&T-21STATE procedures for ordering Resale Services. CLEC shall obtain End User authorization as required by applicable federal and state laws and regulations and assumes responsibility for applicable charges as specified in Section 258(b) of the Act.

4.2 CLEC shall release End User accounts in accordance with the directions of its End Users or an End User's authorized

agent. When a CLEC End User switches to another carrier, AT&T-21STATE may reclaim the End User or process orders for another carrier, as applicable.

4.3 CLEC will have the ability to report trouble for its End Users to the appropriate AT&T-21STATE maintenance center(s) as provided in the CLEC Online Handbook(s). CLEC End Users calling AT&T-21STATE will be referred to CLEC at the telephone number(s) provided by CLEC to AT&T-21STATE. Nothing herein shall be interpreted to authorize CLEC to repair, maintain, or in any way touch AT&T-21STATE's network facilities, including without limitation those facilities on End User premises.

4.4 CLEC's End Users' that activate Call Trace, or who are experiencing annoying calls, should contact law enforcement. Law Enforcement works with the appropriate AT&T-21STATE operations centers responsible for handling such requests. AT&T-21STATE shall notify CLEC of requests by its End Users to provide call records to the proper authorities. Subsequent communication and resolution of each case involving one of CLEC's End Users (whether that End User is the victim or the suspect) will be coordinated through CLEC. AT&T-21STATE shall be indemnified, defended and held harmless by CLEC and/or the End User against any claim, loss or damage arising from providing this information to CLEC. It is the responsibility of CLEC to take the corrective action necessary with its End User who makes annoying calls. Failure to do so will result in AT&T-21STATE taking corrective action, up to and including disconnecting the End User's service.

4.5 CLEC acknowledges that information AT&T-21STATE provides to law enforcement agencies at the agency's direction (e.g., Call Trace data) shall be limited to available billing number and address information. It shall be CLEC's responsibility to provide additional information necessary for any law enforcement agency's investigation.

4.5.1 In addition to any other indemnity obligations in this Agreement, CLEC shall indemnify AT&T-21STATE against any Claim that insufficient information led to inadequate prosecution.

4.5.2 AT&T-21STATE shall handle law enforcement requests in accordance with the Law Enforcement provisions of the General Terms and Conditions of this Agreement.

5.0 BILLING AND PAYMENT OF RATES AND CHARGES

5.1 CLEC is solely responsible for the payment of all charges for all services furnished under this Attachment, including but not limited to calls originated or accepted at CLEC's location and its End Users' service locations.

5.1.1 Interexchange carrier traffic (e.g., sent-paid, information services and alternate operator services messages) received by AT&T-21STATE for billing to Resale End User accounts will be returned as unbillable and will not be passed to CLEC for billing. An unbillable code will be returned with those messages to the carrier indicating that the messages were generated by a Resale account and will not be billed by AT&T-21STATE.

5.2 AT&T-21STATE shall not be responsible for how the associated charges for Resale Services may be allocated to End Users or others by CLEC. Applicable rates and charges for services provided to CLEC under this Attachment will be billed directly to CLEC and shall be the responsibility of CLEC.

5.2.1 Charges billed to CLEC for all services provided under this Attachment shall be paid by CLEC regardless of CLEC's ability or inability to collect from its End Users for such services.

5.2.2 If CLEC does not wish to be responsible for payment of charges for toll and information services (for example, 900 calls), CLEC must order the appropriate available blocking for lines provided under this Attachment and pay any applicable charges. It is CLEC's responsibility to order the appropriate toll restriction or blocking on lines resold to End Users. CLEC acknowledges that blocking is not available for certain types of calls, including without limitation 800, 888, 411 and Directory Assistance Call Completion. Depending on the origination point, for example, calls originating from correctional facilities, some calls may bypass blocking systems. CLEC acknowledges all such limitations and accepts all responsibility for any charges associated with calls for which blocking is not available and any charges associated with calls that bypass blocking systems.

5.3 CLEC shall pay the Federal End User Common Line (EUCL) charge and any other appropriate FCC or Commission-approved charges, as set forth in the appropriate Tariff(s), for each local exchange line furnished to CLEC under this Attachment.

5.4 To the extent allowable by law, CLEC shall be responsible for both Primary Interexchange Carrier (PIC) and Local Primary IntraLATA Presubscription (LPIC) change charges associated with each local exchange line furnished to CLEC under this Attachment. CLEC shall pay all charges for PIC and LPIC changes at the rates set forth in the Pricing Schedule or, if any such rate is not listed in the Pricing Schedule, then as set forth in the applicable Tariff.

6.0 ANCILLARY SERVICES

6.1 E911 Emergency Service: The terms and conditions for the provision of AT&T-21STATE 911 services are contained in Attachment 911/E911.

6.2 Payphone Services: CLEC may provide certain local Telecommunications Services to Payphone Service Providers (PSPs) for PSPs' use in providing payphone service. Rates for Payphone Services are established under the provisions of Section 276 of the Federal Telecommunications Act of 1996 and are not eligible for the Resale Discount unless required by State Commission order(s). However, given certain billing system limitations, the Resale Discount may be applied to Payphone Services, unless and until AT&T-21STATE is able to modify its billing system, AT&T-21STATE may issue true-up bills in accordance with the provisions set forth in the General Terms and Conditions.

7.0 SUSPENSION OF SERVICE

7.1 See applicable Tariff(s) for rates, terms and conditions regarding Suspension of Service.

7.2 AT&T-21STATE will offer Suspension of Service to CLEC for CLEC initiated suspension of service of the CLEC's End Users. This service is not considered a Telecommunications Service and will receive no Resale Discount.

Exhibit B

AT&T ILEC ("AT&T")	CARRIER Legal Name	Contract Type	Last Party Signed/Approved Date
Michigan Bell Telephone Company d/b/a AT&T MICHIGAN	TelCove Operations, LLC	Interconnection	Approved: 09/12/2006
The Ohio Bell Telephone Company d/b/a AT&T OHIO	TelCove Operations, LLC	Interconnection	Approved: 05/30/2006
Southwestern Bell Telephone Company d/b/a AT&T ARKANSAS	TelCove Operations, LLC	Interconnection	Approved: 01/24/2006
Southwestern Bell Telephone Company d/b/a AT&T KANSAS	TelCove Operations, LLC	Interconnection	Approved: 09/02/2005
Southwestern Bell Telephone Company d/b/a AT&T MISSOURI	TelCove Operations, LLC	Interconnection	Approved: 03/06/2006
Southwestern Bell Telephone Company d/b/a AT&T OKLAHOMA	TelCove Operations, LLC	Interconnection	Approved: 03/01/2006

PRICING SHEETS

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 1 (Rural)		U21	1
AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 2 (Suburban)		U21	2
AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 3 (Urban)		U21	3
AR	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 1 (Rural)		U4H	1
AR	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 2 (Suburban)		U4H	2
AR	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 3 (Urban)		U4H	3
AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation - Cross Connect		UCXC2	
AR	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop to Collocation (without testing) - Cross Connect		UCXD2	
AR	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop to Collocation - Cross Connect		UCXC4	
AR	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop to Collocation (without testing) - Cross Connect		UCXD4	
AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile		ULNHS	
AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile		ULNHS	
AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile		ULNJS	
AR	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile		ULNJS	
AR	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS1 to Collocation		UCXHX	
AR	UNBUNDLED DEDICATED TRANSPORT	DT-Cross Connect - DS3 to Collocation		UCXJX	

AR	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing		UM4BX	
AR	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing		UM4AX	
AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 1		UXRA1	1
AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 2		UXRA2	2
AR	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 3		UXRA3	3

PRICING SHEETS

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 1 (Rural)		U21	1
KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 2 (Suburban)		U21	2
KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Zone 3 (Urban)		U21	3
KS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 1(Rural)		U4H	1
KS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 2 (Suburban)		U4H	2
KS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 3 (Urban)		U4H	3
KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation		UCXC2	
KS	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation (without testing)		UCXD2	
KS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation		UCXC4	
KS	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation (without testing)		UCXD4	
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNHS	1
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNHS	2
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNHS	3
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone		ULNHS	I
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNHS	1
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNHS	2

PRICING SHEETS

KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNHS	3
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone		ULNHS	I
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNJS	1
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNJS	2
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNJS	3
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone		ULNJS	I
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNJS	1
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNJS	2
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNJS	3
KS	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone		ULNJS	I
KS	UNBUNDLED DEDICATED TRANSPORT	DS1 Cross Connect to Collocation		UCXHX	
KS	UNBUNDLED DEDICATED TRANSPORT	DS3 Cross Connect to Collocation		UCXJX	
KS	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing		UM4BX	
KS	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing		UM4AX	
KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 1		UXRA1	1
KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 2		UXRA2	2
KS	UNBUNDLED DEDICATED TRANSPORT	2-wire Analog Loop Cross Connect to POA - Method 3		UXRA3	3

PRICING SHEETS

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Rural (Zone C)	MUJ++, EE7JX, UOB++, UOR++	U2HC1	C
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Suburban (Zone B)	MUJ++, EE7JX, UOB++, UOR++	U2HB1	B
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Metro (Zone A)	MUJ++, EE7JX, UOB++, UOR++	U2HAA	A
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Ground Start, Analog DID/Reverse Battery - Rural (Zone C)	MUJ++, EE7JX, UOB++, UOR++	U2WC1	C
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Ground Start, Analog DID/Reverse Battery - Suburban (Zone B)	MUJ++, EE7JX, UOB++, UOR++	U2WB1	B
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Ground Start, Analog DID/Reverse Battery - Metro (Zone A)	MUJ++, EE7JX, UOB++, UOR++	U2WAA	A
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Ground Start, PBX - Rural (Zone C)	MUJ++, EE7JX, UOB++, UOR++	U2JC1	C
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Ground Start, PBX - Suburban (Zone B)	MUJ++, EE7JX, UOB++, UOR++	U2JB1	B
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Ground Start, PBX - Metro (Zone A)	MUJ++, EE7JX, UOB++, UOR++	U2JAA	A
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - COPTS Coin - Rural (Zone C)	MUJ++, EE7JX, UOB++, UOR++	U2CC1	C
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - COPTS Coin - Suburban (Zone B)	MUJ++, EE7JX, UOB++, UOR++	U2CB1	B
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - COPTS Coin - Metro (Zone A)	MUJ++, EE7JX, UOB++, UOR++	U2CAA	A
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - EKL - Rural (Zone C)	MUJ++, EE7JX, UOB++, UOR++	U2KC1	C
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - EKL - Suburban (Zone B)	MUJ++, EE7JX, UOB++, UOR++	U2KB1	B
MI	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - EKL - Metro (Zone A)	MUJ++, EE7JX, UOB++, UOR++	U2KAA	A
MI	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Rural (Zone C)	MUJ++, EE7KX, UOB++, UOR++	U4HC1	C

PRICING SHEETS

MI	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Suburban (Zone B)	MUJ++, EE7KX, UOB++, UOR++	U4HB1	B
MI	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Metro (Zone A)	MUJ++, EE7KX, UOB++, UOR++	U4HAA	A
MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge-Analog Loop, per last critical date reached	MUJ++, EE7KX, UOB++, UOR++	NKCU1	
MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge-Analog Loop, per last critical date reached Design Layout Report Date	MUJ++, EE7KX, UOB++, UOR++	NR95O	
MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge-Analog Loop, per last critical date reached Records Issue Date	MUJ++, EE7KX, UOB++, UOR++	NR95P	
MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge-Analog Loop, per last critical date reached Designed, Verified, and Assigned Date	MUJ++, EE7KX, UOB++, UOR++	NR95Q	
MI	UNBUNDLED EXCHANGE ACCESS LOOP	Cancellation or Change Service Charge-Analog Loop, per last critical date reached Plant Test Date	MUJ++, EE7KX, UOB++, UOR++	NR95R	
MI	UNBUNDLED EXCHANGE ACCESS LOOP	Due Date Change Charge, per Order, per Occasion Analog Loop	MUJ++, EE7KX, EE7JX, UOB++, UOR++	NR955	
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Zone 1	UB5++, EE7MX, UK1++	CZ4X1	1
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Zone 2	UB5++, EE7MX, UK1++	CZ4X2	2
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Zone 3	UB5++, EE7MX, UK1++	CZ4X3	3
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Point of Termination Interzone	UB5++, EE7MX, UK1++	CZ4XZ	I
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 1	UB5++, EE7MX, UK1++	1YZX1	1
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 2	UB5++, EE7MX, UK1++	1YZX2	2
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Mile Zone 3	UB5++, EE7MX, UK1++	1YZX3	3
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice Mileage Per Mile Interzone	UB5++, EE7MX, UK1++	1YZXZ	I
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Clear Channel Capability - Per DS1 Circuit Arranged All Zones Connect	UB5++, EE7MX, UK1++	CLYX1	
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Clear Channel Capability - Per DS1 Circuit Arranged All Zones Connect	UB5++, EE7MX, UK1++	CLYX2	

PRICING SHEETS

MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Clear Channel Capability - Per DS1 Circuit Arranged All Zones Connect	UB5++, EE7MX, UK1++	CLYX3	
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Clear Channel Capability - Per DS1 Circuit Arranged All Zones Disconnect			
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC Connect Zone 1 per circuit	UB5++, EE7MX, UK1++	NKCU8	1
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC (Connect + Disconnect) Connect Zone 2 per circuit	UB5++, EE7MX, UK1++	NKCU8	2
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC Connect Zone 3 per circuit	UB5++, EE7MX, UK1++	NKCU8	3
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC Disconnect Zone 1 per circuit	UB5++, EE7MX, UK1++	NKCU9	1
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC Disconnect Zone 2 per circuit	UB5++, EE7MX, UK1++	NKCU9	2
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC Disconnect Zone 3 per circuit	UB5++, EE7MX, UK1++	NKCU9	3
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC UDT Installation and Rearrangement - Admin. Charge, Connect, Per Order	UB5++, EE7MX, UK1++	ORCMX	
MI	UNBUNDLED DEDICATED TRANSPORT	DS1 Interoffice NRC EELS Installation and Rearrangement - Admin. Charge, Disconnect, Per Order	UB5++, EE7MX, UK1++	NR9OT	
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Zone 1	UB5++, EE7NX, UK3++	CZ4W1	1
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Zone 2	UB5++, EE7NX, UK3++	CZ4W2	2
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Zone 3	UB5++, EE7NX, UK3++	CZ4W3	3
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage Termination - Per Point of Termination Interzone	UB5++, EE7NX, UK3++	CZ4WZ	I
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 1	UB5++, EE7NX, UK3++	1YZB1	1
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 2	UB5++, EE7NX, UK3++	1YZB2	2
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile Zone 3	UB5++, EE7NX, UK3++	1YZB3	3
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice Mileage - Per Mile Interzone	UB5++, EE7NX, UK3++	1YZBZ	I

PRICING SHEETS

MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC (Connect + Disconnect)Connect Zone 1 per circuit	UB5++, EE7NX, UK3++	NKCUE	1
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC (Connect + Disconnect)Connect Zone 2 per circuit	UB5++, EE7NX, UK3++	NKCUE	2
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC (Connect + Disconnect) Connect Zone 3 per circuit	UB5++, EE7NX, UK3++	NKCUE	3
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC Disconnect Zone 1 per circuit	UB5++, EE7NX, UK3++	NKCUF	1
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC Disconnect Zone 2 per circuit	UB5++, EE7NX, UK3++	NKCUF	2
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Interoffice NRC Disconnect Zone 3 per circuit	UB5++, EE7NX, UK3++	NKCUF	3
MI	UNBUNDLED DEDICATED TRANSPORT	DS3 Installation and Rearrangement - Admin. Charge, Connect, Per Order	UB5++, EE7NX, UK3++	ORCMX	
MI	UNBUNDLED DEDICATED TRANSPORT	Rearrangement - Admin. Charge, Disconnect, Per Order	UB5++, EE7NX, UK3++	NRBCL	
MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade All Zones, Per Arrangement	UB5++, UK1++	QMVX1	
MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade All Zones, Per Arrangement	UB5++, UK1++	QMVX2	
MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade All Zones, Per Arrangement	UB5++, UK1++	QMVX3	
MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement	UB5++, UK3++	QM3X1	
MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement	UB5++, UK3++	QM3X2	
MI	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1 All Zones, Per Arrangement	UB5++, UK3++	QM3X3	
MI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCDX	
MI	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3	UB5++, EE7NX, UK3++	CXCEX	

PRICING SHEETS

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 1 (Urban STL, KC)		U21	1
MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 2 (Suburban)		U21	2
MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 3 (Rural)		U21	3
MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 4 (Urban Springfield)		U21	4
MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 1 (Urban STL, KC)		U4H	1
MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 2 (Suburban)		U4H	2
MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 3 (Rural)		U4H	3
MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 4 (Urban Springfield)		U4H	4
MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation	LU1	UCXC2	
MO	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation (without testing)	LU1	UCXD2	
MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation	LU1	UCXC4	
MO	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation (without testing)	LU1	UCXD4	
MO	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 1		UXRA1	1
MO	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 2		UXRA2	2
MO	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop Cross Connect to POA - Method 3		UXRA3	3
MO	UNBUNDLED DEDICATED TRANSPORT	4-Wire Analog Loop Cross Connect to POA - Method 1		UXRB1	1
MO	UNBUNDLED DEDICATED TRANSPORT	4-Wire Analog Loop Cross Connect to POA - Method 2		UXRB2	2
MO	UNBUNDLED DEDICATED TRANSPORT	4-Wire Analog Loop Cross Connect to POA - Method 3		UXRB3	3
MO	UNBUNDLED DEDICATED TRANSPORT	2-Wire Digital Loop Cross Connect to POA - Method 1		UXRC1	1
MO	UNBUNDLED DEDICATED TRANSPORT	2-Wire Digital Loop Cross Connect to POA - Method 2		UXRC2	2

PRICING SHEETS

MO	UNBUNDLED DEDICATED TRANSPORT	2-Wire Digital Loop Cross Connect to POA - Method 3		UXRC3	3
MO	UNBUNDLED DEDICATED TRANSPORT	4-Wire Digital Loop Cross Connect to POA - Method 1		UXRD1	1
MO	UNBUNDLED DEDICATED TRANSPORT	4-Wire Digital Loop Cross Connect to POA - Method 2		UXRD2	2
MO	UNBUNDLED DEDICATED TRANSPORT	4-Wire Digital Loop Cross Connect to POA - Method 3		UXRD3	3
MO	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connectto POA: DS1 - Method 1		UXRQ1	1
MO	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS1 - Method 2		UXRQ2	2
MO	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS1 - Method 3		UXRQ3	3
MO	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS3 - Method 1			1
MO	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS3 - Method 2			2
MO	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connect to POA: DS3 - Method 3			3
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Urban STL, KC)		ULNHS	1
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNHS	2
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Rural)		ULNHS	3
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 4 (Urban Springfield)		ULNHS	4
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone		ULNHS	I
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Urban STL, KC)		ULNHS	1
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNHS	2
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Rural)		ULNHS	3
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 4 (Urban Springfield)		ULNHS	4
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone		ULNHS	I
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Urban STL, KC)		ULNJS	1
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNJS	2

PRICING SHEETS

MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Rural)		ULNJS	3
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 4 (Urban Springfield)		ULNJS	4
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone		ULNJS	I
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Urban STL, KC)		ULNJS	1
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNJS	2
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Rural)		ULNJS	3
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 4 (Urban Springfield)		ULNJS	4
MO	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone		ULNJS	I
MO	UNBUNDLED DEDICATED TRANSPORT	DT Cross Connect - DS1 to Collocation	UBNTX	DXZTA	
MO	UNBUNDLED DEDICATED TRANSPORT	DT Cross Connect - DS1 to Collocation - Disconnect	UBNTX	NKCTE	
MO	UNBUNDLED DEDICATED TRANSPORT	DT Cross Connect - DS3 to Collocation		UCXJX	
MO	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG - Multiplexing		UM4BX	
MO	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1 - Multiplexing		UM4AX	

PRICING SHEETS

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2HXB	B
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2HXC	C
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7JX	U2HXD	D
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, Analog - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2JXB	B
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, Analog - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2JXC	C
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, Analog - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7JX	U2JXD	D
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, DID Business - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2WXB	B
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, DID Business - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2WXC	C
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Ground Start, DID Business - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7JX	U2WXD	D
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2CXB	B
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2CXC	C
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire COPTS Coin - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7JX	U2CXD	D
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7JX	U2KXB	B
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Suburban (Access Area C)	MUJ++, UOB++, UOR++, EE7JX	U2KXC	C
OH	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire EKL - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7JX	U2KXD	D
OH	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Metro (Access Area B)	MUJ++, UOB++, UOR++, EE7KX	U4HXB	B

OH	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Suburban (Access AreaC)	MUJ++, UOB++, UOR++, EE7KX	U4HXC	C
OH	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog - Rural (Access Area D)	MUJ++, UOB++, UOR++, EE7LX	U4HXD	D
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X1	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X2	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7MX, UK1++	CZ4X3	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX1	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX2	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS1 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7MX, UK1++	1YZX3	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W1	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W2	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage Termination - Per Point of Termination - All Zones	UB5++, EE7NX, UK3++	CZ4W3	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB1	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB2	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Interoffice Transport: 'DS3 Interoffice Mileage - Per Mile - All Zones	UB5++, EE7NX, UK3++	1YZB3	
OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX1	
OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX2	
OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS1 to Voice Grade	UB5++, UK1++	QMVX3	

PRICING SHEETS

OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS1	UB5++, EE7MX, UK1++	CXCDX	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Cross Connects DS3	UB5++, EE7NX, UK3++	CXCEX	
OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X1	
OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X2	
OH	UNBUNDLED DEDICATED TRANSPORT	Multiplexing DS3 to DS1	UB5++, UK3++	QM3X3	
OH	UNBUNDLED DEDICATED TRANSPORT	DS1 Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYX1	
OH	UNBUNDLED DEDICATED TRANSPORT	DS1 Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYX2	
OH	UNBUNDLED DEDICATED TRANSPORT	DS1 Clear Channel Capability - Per 1.544 Mbps Circuit Arranged	UB5++, EE7MX, UK1++	CLYX3	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS1 Administration Charge - Per Order	UB5++, EE7MX, UK1++	ORCMX	
OH	UNBUNDLED DEDICATED TRANSPORT	Charges DS1 Design & Central Office Connection Charge - Per Circuit	UB5++, EE7MX, UK1++	NRBCL	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS1 Carrier Connection Charge - Per Order	UB5++, EE7MX, UK1++	NRBBL	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Administration Charge - Per Order	UB5++, EE7NX, UK3++	ORCMX	
OH	UNBUNDLED DEDICATED TRANSPORT	Charges DS3 Design & Central Office Connection Charge - Per Circuit	UB5++, EE7NX, UK3++	NRBCL	
OH	UNBUNDLED DEDICATED TRANSPORT	Dedicated Transport Installation & Rearrangement Charges DS3 Carrier Connection Charge - Per Order	UB5++, EE7NX, UK3++	NRBBL	

PRICING SHEETS

State	Product	Rate Element Description	COS (Class of Service)	USOC	Zone
OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 1 (Rural)		U21	1
OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 2 (Suburban)		U21	2
OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop - Zone 3 (Urban)		U21	3
OK	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 1(Rural)		U4H	1
OK	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 2 (Suburban)		U4H	2
OK	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop - Zone 3 (Urban)		U4H	3
OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation		UCXC2	
OK	UNBUNDLED EXCHANGE ACCESS LOOP	2-Wire Analog Loop Cross Connect to Collocation (without testing)		UCXD2	
OK	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation		UCXC4	
OK	UNBUNDLED EXCHANGE ACCESS LOOP	4-Wire Analog Loop Cross Connect to Collocation (without testing)		UCXD4	
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNHS	1
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNHS	2
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNHS	3
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, First Mile - Interzone		ULNHS	I
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNHS	1
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNHS	2

PRICING SHEETS

OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNHS	3
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS1 Interoffice Transport, Each Additional Mile - Interzone		ULNHS	I
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 1 (Rural)		ULNJS	1
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 2 (Suburban)		ULNJS	2
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Zone 3 (Urban)		ULNJS	3
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, First Mile - Interzone		ULNJS	I
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 1 (Rural)		ULNJS	1
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 2 (Suburban)		ULNJS	2
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Zone 3 (Urban)		ULNJS	3
OK	UNBUNDLED DEDICATED TRANSPORT	DT-DS3 Interoffice Transport, Each Additional Mile - Interzone		ULNJS	I
OK	UNBUNDLED DEDICATED TRANSPORT	DS1 to Collocation		UCXHX	
OK	UNBUNDLED DEDICATED TRANSPORT	DS3 to Collocation		UCXJX	
OK	UNBUNDLED DEDICATED TRANSPORT	DS1 to VG		UM4BX	
OK	UNBUNDLED DEDICATED TRANSPORT	DS3 to DS1		UM4AX	
OK	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop to POA - Method 1		UXRA1	1
OK	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop to POA - Method 2		UXRA2	2
OK	UNBUNDLED DEDICATED TRANSPORT	2-Wire Analog Loop to POA - Method 3		UXRA3	3