2.7.3 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 its own facilities or uses the facilities of a third party to a AT&T-13STATE Tandem or End Office building and wishes to place its own transport terminating equipment at that location, CLEC may Interconnect using the provisions of Physical Collocation as set forth in Appendix Collocation.

3.2 Virtual Collocation

3.2.1 When CLEC provides its own facilities or uses the facilities of a third party to a AT&T-13STATE Tandem or End Office building and wishes for AT&T-13STATE to place transport terminating equipment at that location on CLEC's behalf, CLEC may Interconnect using the provisions of Virtual Collocation as set forth in Appendix Collocation. Virtual Collocation allows CLEC to choose the equipment vendor and does not require that CLEC be Physically Collocated.

3.3 Fiber Meet Point

3.3.1 Fiber Meet Point between AT&T-13STATE and CLEC can occur at any mutually agreeable and 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-2STATE).

3.3.2 When the Parties agree to interconnect their networks pursuant to the Fiber Meet Point, a single point-to-point linear chain SONET system must be utilized. Only Local Interconnection Trunk Groups shall be provisioned over this jointly provided facility.

3.3.3 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.

3.3.4 Requirements for such Interconnection specifications will be defined in joint engineering planning sessions between the Parties.

3.3.5 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. Facilities will be planned for to accommodate the verified and mutually agreed upon trunk forecast for the Local Interconnection Trunk Group(s).

3.3.6 Both Parties will negotiate a project service date and corresponding work schedule to construct relief facilities prior to facilities exhaust.

3.3.7 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 to 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.

3.3.8 Each Party shall provide its own source for the synchronized timing of its FOT equipment.

3.3.9 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.

3.4 Other Interconnection Methods

3.4.1 The Parties may mutually agree to other methods of obtaining interconnection that are technically feasible which are incorporated into the Interconnection Agreement by amendment.

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-2STATE, 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 document the network architecture (including trunking) as discussed in Section 2.1. The Interconnection activation date for an Interconnection 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.

APPENDIX LOCAL NUMBER PORTABILITY

TABLE OF CONTENTS

INTRODUCTION....1
LOCAL NUMBER PORTABILITY (LNP)....2
"N-1" QUERY METHODOLOGY....3
ORDERING....4
PROVISIONING....5

APPENDIX LNP
(LOCAL NUMBER PORTABILITY)

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions for Local 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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin.

1.3 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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas the applicable above listed ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma and Texas.

2. LOCAL NUMBER PORTABILITY (LNP)

2.1 General Terms and Conditions

2.1.1 AT&T-13STATE and CLEC shall provide Local Number Portability (LNP) in accordance with requirements of the Act, the rules and orders of the FCC, and the guidelines of the North American Numbering Council (NANC).

2.2 Requirements for LNP

2.2.1 AT&T-13STATE and CLEC shall follow industry guidelines, including but not limited to North American Numbering Council (NANC) Inter Service Provider Operations Flows, regarding LNP.

2.2.2 Either party shall be permitted to block default -routed calls to protect the public switched telephone network from overload, congestion, or failure propagation.

2.2.3 When a ported telephone number becomes vacant, e.g., the telephone number is no longer in service with 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.

2.2.4 Each Party shall become responsible for the End User's other telecommunications related services and features, e.g. E911, Directory Listings, Operator Services, Line Information Database (LIDB), once that Party has ported the End User's telephone number to the Party's switch.

2.3 Limitations of Service

2.3.1 Telephone numbers can be ported as a basic network offering only within AT&T-13STATE rate centers as approved by State Commissions. "Porting within rate centers" refers to the physical location of the End User. If the End User changes his, her or its physical location from one rate center to another, the End User may not retain his, her or its telephone number (which is associated with the End User's previous rate center) as a basic network (non-FX) offering. An End User may retain his, her or its telephone number when moving from one rate center to another by the use of a tariff FX or Remote Call Forwarding offering from the new service provider. The term "FX," as used in this appendix, refers to number assignments and moves outside the rate centers with which a telephone number is ordinarily associated, and is different from the term "FX" in the Compensation attachment, which refers number assignment and moves outside of a mandatory local calling area.

2.3.2 Telephone numbers of the following types shall not be ported: (i) AT&T-13STATE Official Communications Services (OCS) NXXs; and (ii) 555, 976, 950, 956, 976 and 900 numbers (iii) N11 numbers (e.g., 411 and 911); (iv) 800, 888, 877 and 866 numbers; and (v) disconnected or unassigned numbers.

2.3.3 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 5.5 of this Appendix.

2.4 Service Description

2.4.1 The LRN software of the switch in which an NXX is native determines if the called party is in a portable NXX. When a calling party places a telephone call, if the called party is in a portable NXX, a query will be launched to the LNP database to determine whether or not the called number has been ported.

2.4.2 When the called number has been ported, an LRN will be returned to the switch that launched the query. Following the query, the LRN of the called number will appear in the Called Party Number (CdPN) field of the SS7 message and the called number will appear in the Generic Address Parameter (GAP) field.

2.4.3 When the query does not return an LRN, the call will be completed based upon the dialed digits.

2.4.4 When the LNP database is queried, the Forward Call Identifier (FCI) field's entry will be changed from 0 to 1 by the switch triggering the query, regardless of whether the called number has been ported or not.

2.4.5 Where technically feasible, the Parties 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.

2.5 Pricing

2.5.1 With the exception of lawful query charges, the parties shall not 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-13STATE may charge CLEC LNP end user surcharges, provided that the conditions set forth in 47 CFR § 52.33 are met.

3. "N-1" QUERY METHODOLOGY

3.1 The parties shall follow the "N-1" query methodology in performing queries of the LNP database, as provided below. As provided by Industry standards, the N-1" carrier is the carrier in the call routing sequence immediately prior to the terminating carrier's end office, or the terminating carrier's end office tandem. The "N-1" carrier shall perform the LNP database query. If the "N-1" carrier fails to perform the LNP database query, the terminating carrier shall perform a query of the LNP database, and shall be permitted to change the N-1 carrier for the query.

3.1.1 For interLATA or intraLATA toll calls, the originating carrier will pass the call to the appropriate toll carrier, which will perform a query of the LNP database and efficiently route the call to the appropriate terminating local carrier, either directly or through an access tandem office. Where one carrier is the originating local service provider (LSP) and the other carrier is the designated toll carrier, the designated toll carrier is the "N-1" carrier. The originating LSP will not query toll calls delivered to the toll carrier or charge the toll carrier for such queries.

3.1.2 For local calls to ported numbers, the originating carrier is the "N-1" carrier. The originating carrier will query the LNP database and route the call to the appropriate terminating carrier.

3.1.3 For local calls to any NXX from which at least one number has been ported, the Party that owns the originating switch shall query an LNP database as soon as the call reaches the first LNP-capable switch in the call path. The Party that owns the originating switch shall query on a local call to an NXX in which at least one number has been ported via LNP prior to any attempts to route the call to any other switch. Prior to the first number in an NXX being ported via LNP at the request of a CLEC, AT&T-13STATE may query all calls directed to that NXX, provided that AT&T-13STATE's queries shall not adversely affect the quality of service to CLEC's customers or end-users as compared to the service AT&T-13STATE provides its own customers.

3.1.4 A Party shall be charged for an LNP query by the other Party only if the Party to be charged is the N-1 carrier and was obligated to perform the LRN-PNP query but failed to do so, pursuant to conditions set forth in CFR 47, Section 52.33. The only exception will be if the FCC rules (Docket No. 95-116) that the terminating carrier may charge the N-1 carrier for queries initiated before the first number is ported in an NXX.

3.1.5 Rates, terms and conditions for LNP queries performed by AT&T-13STATE will be governed by FCC No. 73 Access Services Tariff, Section 34, or a successor tariff.

4. ORDERING

4.1 Porting of numbers marked as portable in the Local Exchange Routing Guide (LERG) will be initiated via Local Service Requests (LSR) based on Ordering and Billing Forum (OBF) recommendations.

4.1.1 When an LSR is sent to one Party by the other Party to initiate porting via LNP, the receiving Party shall return, at the appropriate time, a Firm Order Confirmation (FOC).

4.1.2 For the purposes of this Attachment, the Parties may use a project management approach for the implementation of LSRs for large quantities of ported numbers or for complex porting processes. With regard to such managed projects ("projects"), the parties may negotiate implementation details such as, but not limited to: Due Date, Cutover Intervals and Times, Coordination of Technical Resources, and Completion Notice.

5. PROVISIONING

5.1 The Parties will remove a ported number from the end office from which the number is being ported as close to the requested time as reasonably practicable, not to exceed 59 minutes, except under the conditions listed below in 5.1.1, 5.1.2 and 5.1.3. The 59-minute period shall commence upon the Frame Due Time (FDT) shown on the receiving party's LSR, or as otherwise negotiated by the parties on a project basis. The parties recognize that it is in the best interest of the consumer for this removal to be completed in the most expedient manner possible. Therefore, AT&T-13STATE and CLEC agree that a 30-minute

interval is a goal toward which both companies will work; however, both CLEC and AT&T-13STATE recognize that there will be instances where the interval may be up to 59 minutes.

5.1.1 Unconditional Ten-Digit Trigger. If the Unconditional Ten-Digit Trigger is set, calls originating from the old switch will query the database and route to the new switch without the number being disconnected. The ported number must be removed at the same time that the unconditional LNP trigger is removed.

5.1.2 Project Orders. For project requests, the Parties will negotiate time frames for the disconnection of the numbers in the old switch.

5.1.3 Coordinated Orders. Orders worked on a coordinated basis will be coordinated until the numbers are disconnected in the old switch.

5.2 The Parties agree to provide Unconditional Ten Digit Trigger wherever technically feasible.

5.3 AT&T-13STATE and CLEC shall cooperate in the process of porting numbers from one carrier to another so as to limit service outage for the ported subscriber. AT&T-13STATE and CLEC will use their best efforts to update their respective Local Service Management Systems (LSMS) from the NPAC SMS data within 15 minutes after receipt of a download from the NPAC SMS (the current North American Numbering Council goal for such updating).

5.4 At the time a telephone number is ported via LNP, the Party from which the number is being ported shall insure that the LIDB entry for that number is deprovisioned.

5.5 Mass Calling

5.5.1 Both AT&T-13STATE and CLEC shall to offer Local Number Portability for telephone numbers with “choke” (i.e., mass calling) NXXs in a manner that complies with the FCC's criteria.

5.6 Operator Services, LIDB/LVAS and Directory Assistance

5.6.1 The Provisions of this Agreement pertaining to Operator Services, LIDB/LVAS and Directory Assistance shall also apply when LNP is in place.

5.7 Porting of DID Block Numbers

5.7.1 DID block numbers shall be portable in the same manner as other local telephone numbers, subject to the modifications and/or limitations provided herein.

5.7.2 AT&T-13STATE and CLEC shall offer Local Number Portability to customers for any portion of an existing DID block without being required to port the entire block of DID number.

5.7.3 AT&T-13STATE and CLEC shall permit customers which port a portion of DID numbers to retain DID service on the remaining portion of the DID numbers, provided such is consistent with applicable tariffs.

APPENDIX NUMBERING

TABLE OF CONTENTS

INTRODUCTION.....1
GENERAL TERMS AND CONDITIONS.....2

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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin 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 which is 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 have implemented billing and routing capabilities to determine traffic jurisdiction on a basis other than NXX codes.

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. The Party to whom the NXX is migrated will pay NXX migration charges per NXX to the Party formerly assigned the NXX as described in the Pricing Appendix under "OTHER".

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 tone providing answer supervision and allowing simultaneous connection from multiple test lines. Both numbers should remain in service indefinitely for regressive testing purposes.

APPENDIX OSS - RESALE & UNEs

TABLE OF CONTENTS

INTRODUCTION....1
LAWFUL UNBUNDLING REQUIREMENTS....2
GENERAL CONDITIONS....3
PRE-ORDERING....4
ORDERING/PROVISIONING....5
MAINTENANCE/REPAIR....6
BILLING....7
REMOTE ACCESS FACILITY....8
DATA CONNECTION SECURITY REQUIREMENTS....9
OPERATIONAL READINESS TEST (ORT) FOR ORDERING/PROVISIONING AND REPAIR/MAINTENANCE INTERFACES....10
OSS TRAINING COURSES....11
OSS CHARGES FOR SYSTEM ACCESS AND CONNECTIVITY....12
MISCELLANEOUS CHARGES....13
SERVICE BUREAU PROVIDER ARRANGEMENTS FOR SHARED ACCESS TO OSS....14

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 SBC/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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma, and/or AT&T Texas, and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin.

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

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 SOUTHWEST REGION 5-STATE - As used herein, AT&T SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas, the applicable AT&T-owned ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma and Texas.

1.8 AT&T-13STATE has established performance measurements to illustrate non-discriminatory access. These measurements are represented in Appendix Performance Measurements.

1.9 "LSC" means the Local Service Center (LSC) for AT&T-13STATE.

1.10 "LOC" means the Local Operations Center (LOC) for AT&T-13STATE.

1.11 "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 OSS application-to-application interfaces via a dedicated connection over which multiple CLECs' local service transactions are transported.

1.12 "UNE" is as described in Appendix Lawful UNE.

2. LAWFUL UNBUNDLING REQUIREMENTS

2.1 This Appendix is for OSS transactions related to UNEs (as provided in Appendix Lawful 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 Unbundled Network Elements (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, 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 specifically provided herein. 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 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.

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 from the End User for release of CPNI.

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 UNEs. Rates and charges are subject to the terms of this Agreement and applicable tariffs are 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 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, the 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.

3.8 When Resale service and 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 13-State Competitive Local Exchange Carrier (CLEC) OSS 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 Ordering and Billing Forum (OBF) 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 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: "Competitive Local Exchange Carrier (CLEC) Operations Support System Interconnection Procedures", 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 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 UNEs Include

4.2.1 Feature/Service Availability

4.2.1.1 Feature Inquiry provides feature and service availability by WTN, NPA/NXX, and CLLI Code (as applicable).

4.2.1.2 PIC/LPIC Inquiry provides 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 CLEC has obtained authorization from the End User for release of CPNI which complies with conditions as described in section 3.3 of this Appendix.

4.2.3 Telephone Number Inquiry

AT&T-13STATE provides a Telephone Number Reservation Inquiry, a Cancel Reservation function, and 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 UNEs

4.3.1 Loop Pre-Qualification Inquiry

AT&T-13STATE provides a loop pre-qualification inquiry function.

4.3.2 Loop Qualification Inquiry

AT&T-13STATE provides a loop qualification inquiry function.

4.3.3 Common Language Location Indicator (CLLI) Inquiry

AT&T-13STATE provides CLLI code inquiry function.

4.3.4 Connecting Facility Assignment (CFA) Inquiry

AT&T-13STATE provides a CFA inquiry function.

4.3.5 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 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 sections 4.2 and 4.3. 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 UNEs.

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 UNEs via one or more electronic interfaces. To order Resale services and 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 Ordering Requirements (LSOR), and via EDI mapping as defined by TCIF. In ordering and provisioning of Resale services or UNEs, CLEC and AT&T-13STATE will utilize industry guidelines developed by OBF and TCIF EDI to transmit data based upon AT&T-13STATE Resale service and 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 13-state uniform ordering GUI interface that provides access to the uniform ordering functions for Resale services and UNEs. Web-based LEX is accessible via a web-based Toolbar.

5.2.3 In ordering and provisioning 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 UNEs in AT&T-13STATE

AT&T-13STATE will provision Resale services and 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.

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.

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 UNEs. Upon request, CLEC may access these functions via the following methods:

6.1.1 In AT&T-13STATE, Electronic Bonding Trouble Administration - Graphical User Interface (EBTA-GUI) is the 13-state uniform GUI interface that allows CLEC to perform Mechanized Loop Testing (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.

7. BILLING

7.1 AT&T-13STATE will bill CLEC for Resold services and 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 magnetic tape, as agreed to between CLEC and AT&T-13STATE. Other alternate bill media, such as CD-ROM and DVD, 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 SOUTHWEST REGION 5-STATE, CLEC may view billing information through the Bill Information interface. Bill Information will be accessible via AT&T SOUTHWEST REGION 5-STATE Classic Toolbar.

7.2.4 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.

7.2.5 AT&T-13STATE will provide Loss Notifications. This notification alerts CLEC 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, LEX.

7.3 Electronic access to billing information for UNEs will also be available via the following interfaces:

7.3.1 In AT&T SOUTHWEST REGION 5-STATE, CLEC may view billing information through the Bill Information interface. Bill Information will be accessible via AT&T SOUTHWEST REGION 5-STATE Classic Toolbar.

7.3.2 In AT&T-13STATE, CLEC may receive a Daily Usage Extract electronically, on a daily basis, with information on the usage billed to its accounts for UNEs in the industry standardized Exchange Message Interface (EMI) format.

7.3.3 In AT&T-13STATE, CLEC may receive a uniform loss notification via EDI 836 transaction or via the uniform GUI interface, LEX. For UNEs this loss notification indicates when CLEC's End Users, utilizing AT&T-13STATE ports, change their Competitive Local Exchange Carrier.

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 Northbrook, 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 interface at the LRAF, PRAF, ARAF, or SRAF according to AT&T-13STATE "Competitive Local Exchange Carrier (CLEC) Operations Support System 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-2STATE 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 an 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 user ID 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 initial live OSS interface usage, a CLEC that intends to utilize AT&T-13STATE interfaces must complete user education classes for AT&T-13STATE-provided interfaces that affect the AT&T-13STATE network. A separate agreement will be required as a commitment to enroll in training classes and to pay for a specific number of CLEC students in each class. CLEC can obtain a copy of the proposed contract and price list for these OSS classes from their CLEC account manager. Course descriptions and class schedules, by region, are published on the CLEC website and/or will be available through their CLEC account manager. CLEC training schedules 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.

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-12STATE, CLEC requesting the billing function for the Daily Usage Extract which contains the usage billable records, as described in 7.2.4 and 7.3.2, agrees to pay established rates pursuant to Appendix Pricing.

13.3 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.

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.

OPERATOR SERVICES AND DIRECTORY ASSISTANCE APPENDIX

TABLE OF CONTENTS

INTRODUCTION AND SCOPE 1
GENERAL AT&T-13STATE OBLIGATIONS FOR WHOLESALE OS/DA SERVICE 2
REQUIREMENTS FOR CIRCUIT SWITCHES TO PHYSICALLY INTERCONNECT 3
SPECIFICS OF OS OFFERINGS AND RECURRING CHARGES 4
SPECIFICS OF DA OFFERING AND RECURRING CHARGE 5
OS/DA NON-RECURRING CHARGES FOR LOADING AUTOMATED CALL GREETING (I.E. BRAND ANNOUNCEMENT), RATES AND REFERENCE INFORMATION 6

OPERATOR SERVICES AND DIRECTORY ASSISTANCE APPENDIX

1. INTRODUCTION AND SCOPE

1.1 This Appendix sets forth the rates, terms and conditions under which the Parties shall jointly carry out Operator Services (OS) and Directory Assistance (DA) on a wholesale basis, regardless of whether CLEC is serving its end users via

1.1.1 CLEC's own physical Switches,

1.1.2 Resale of AT&T-13STATE Retail OS/DA service, or

1.1.3 Leased Circuit Switching from AT&T-13STATE.

1.2 CLEC shall be the Retail OS/DA provider to its end users, and AT&T-13STATE shall be the wholesale provider of OS/DA operations to CLEC. AT&T-13STATE shall answer CLEC's end user OS/DA calls on CLEC's behalf, as follows:

1.2.1 When the end user dials 0 or 0+ the Telephone Number, AT&T-13STATE shall provide the Operator Services described in Section 4 below.

1.2.2 When the end user dials 4-1-1 or 1-4-1-1, AT&T-13STATE shall provide Directory Assistance as described in Section 5 below.

1.3 CLEC is free to charge its end users whatever retail OS/DA rates it wishes, and CLEC therefore acknowledges its responsibility (a) to obtain end user agreement to the OS/DA retail rates (i.e. by tariff or contract), and (b) to obtain any necessary regulatory approvals for its OS/DA retail rates.

1.4 In response to dialing end user inquiries about OS/DA rates, AT&T-13STATE Operators shall quote CLEC retail OS/DA rates, as they are provided by CLEC (see Section 6 below). If further inquiries are made about rates, billing and/or other "business office" questions, AT&T-13STATE's OS/DA operators shall direct the calling party's inquiries to a CLEC-provided contact number (also see Section 6 below).

1.5 AT&T-13STATE shall charge CLEC monthly, and CLEC agrees to pay monthly, the OS/DA rates found in the attached Appendix Pricing. The Parties agree that billing and payment details, including the assessment of late payment charges for unpaid balances, shall be governed by the underlying agreement between AT&T-13STATE and CLEC.

1.5.1 CLEC acknowledges and understands that these wholesale OS/DA rates differ between Resale and facilities-based[1] service, and that both types of OS/DA wholesale rates are listed in the attached price schedule. CLEC may serve both as a Reseller and as a facilities-based provider, and CLEC may convert facilities-based end users to Resale service, or vice versa, as described below in section 6.8.

1.5.1.1 To the extent CLEC is serving as a Reseller and not a facilities-based provider, the facilities-based OS/DA rates in the attached price schedule do not apply and are listed merely for reference purposes.

1.5.1.2 To the extent CLEC is serving as a facilities-based provider and not as a Reseller, then the Resale OS/DA rates in the attached price schedule do not apply and are listed merely for reference purposes.

1.5.2 CLEC acknowledges and understands that AT&T-13STATE uses a different billing system for Resale than for facilities-based service, and that if CLEC operates both as a Reseller and a facilities-based provider, then CLEC will receive two different monthly invoices for OS/DA service from AT&T-13STATE, one for Resale, and one for facilities-based service.

[1]By "facilities-based" the Parties mean either through CLEC's own switch, or via leased circuit switching from AT&T-13STATE.

1.5.3 CLEC acknowledges and understands that the Resale OS/DA rates are based on AT&T-13STATE's tariffed retail OS/DA rates, less the state resale discount, and therefore may change during the life of this Appendix OS/DA in a Resale Agreement, without written amendment, if

1.5.3.1 AT&T-13STATE's retail tariff changes, or

1.5.3.2 The state resale discount changes.

2. GENERAL AT&T-13STATE OBLIGATIONS FOR WHOLESALE OS/DA SERVICE

2.1 Dialing Parity. AT&T-13STATE will provide OS/DA to CLEC's end users with no unreasonable dialing delays and at dialing parity with AT&T-13STATE retail OS/DA services.

2.2 Response Parity

2.2.1 For Resale and Leased Circuit Switching, CLEC's end users shall be answered by AT&T-13STATE's OS and DA platforms with the same priority and using the same methods as for AT&T-13STATE's retail end users.

2.2.2 For Resale and Leased Circuit Switching, any technical difficulties in reaching the AT&T-13STATE OS/DA platform (i.e. cable cuts in the OS/DA trunks, unusual OS/DA call volumes, etc.) will be experienced at parity with AT&T-13STATE retail end users served via that same AT&T-13STATE end office switch.

2.2.3 For all service types, AT&T-13STATE will include CLEC's end user OS/DA calls in its speed of response measurements reported to the state regulatory commission, if any.

2.3 Daily Usage File (DUF)

2.3.1 For Resale and Leased Circuit Switching, AT&T-13STATE will record CLEC's OS/DA usage on its Resale and Leased Circuit Switching lines and include that call detail in the Daily Usage File (DUF) as described elsewhere in the underlying wholesale agreement, but at a minimum, the DUF shall be in industry-standard Exchange Message Interface format and will be in compliance with the Ordering and Billing Forum guidelines.

2.3.2 When CLEC is operating its own switch-based service, AT&T-13STATE will transmit similar usage recorded by the AT&T-13STATE OS/DA switch via a mutually agreed electronic interface for CLEC's switch.

3. REQUIREMENTS FOR CIRCUIT SWITCHES TO PHYSICALLY INTERCONNECT

3.1 To the extent that CLEC is serving its own switches and wishes to interconnect with AT&T-13STATE's OS/DA switches, then the Parties' physical interconnection and trunking requirements are described in this section. All OS/DA interconnection and trunking arrangements shall be subject to the mutual agreement of the parties, and any unresolved differences in the OS/DA physical interconnection or trunking arrangements shall be handled pursuant to the Dispute Resolution provisions in the underlying agreement.

3.2 The demarcation point for OS/DA traffic between the Parties' networks need not coincide with the Point of Interconnection (POI) for the physical interconnection of all other inter-carrier voice traffic, but at a minimum must be within the LATA in which the CLEC's OS/DA traffic originates.

3.2.1 Because CLEC's switch may serve end users in more than one LATA, the Parties agree that, for purposes of this Appendix OS/DA only, CLEC's OS/DA traffic originates from the physical location of the end user dialing "0" or "411", and not the physical location of CLEC's switch.

3.2.2 To the extent CLEC is serving via circuit-switched wireless technology, the physical location of the end user dialing 0 or 411 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 The Parties' general preference would be to establish an OS/DA demarcation point at the AT&T-13STATE's OS/DA switch in that LATA , but the Parties recognize that the demarcation point for OS/DA traffic between the

Parties' networks could depend on a variety of engineering and location-specific factors which include, but are not limited to,

3.3.1 The size and type of facilities needed to carry CLEC's switch-based OS/DA traffic

3.3.2 Whether CLEC wishes to interconnect for both OS and DA, or just OS, or just DA;

3.3.3 Whether CLEC OR CLEC's affiliate has collocated in an AT&T-13STATE Local Tandem office and wishes to use the collocation as the OS/DA demarcation point; and

3.3.4 Whether CLEC or CLEC's affiliate already has existing OS/DA facilities in place to the AT&T-13STATE's OS/DA platforms.

3.4 CLEC shall provide the necessary facilities to interconnect with AT&T-13STATE's OS/DA switch(es) at a mutually-agreeable demarcation point between the Parties' networks. CLEC may self-provision these OS/DA facilities, lease them from third parties, or lease them from AT&T-13STATE's intrastate Special Access Tariff. CLEC will be financially responsible for the OS/DA facilities on its side of the demarcation point, and AT&T-13STATE will be financially responsible for the OS/DA facilities on its side of the demarcation point.

3.5 General OS/DA Trunking Requirements

3.5.1 CLEC will initiate an ASR for all OS/DA trunk groups from its switch to the appropriate AT&T-13STATE OS/DA switches as a segregated one-way trunk group utilizing Multi-Frequency (MF) signaling. Unless technically infeasible, AT&T-13STATE will provision all such one-way trunk groups in the same manner and at the same intervals as for all other interconnection trunking between the parties.

3.5.2 CLEC will employ Exchange Access Operator Services Signaling (EAOSS) from the AT&T-13STATE End Offices to the AT&T-13STATE OS/DA switches that are equipped to accept 10 Digit Signaling for Automatic Number Identification (ANI).

3.5.3 If EAOSS is not technically feasible, 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-13STATE OS/DA switch for each served NPA in the LATA.

3.6 Specific OS/DA Trunk Groups, and their Requirements

3.6.1 Operator Service (OS) Trunks. CLEC shall establish a one-way trunk group from CLEC's switch to the AT&T-13STATE Operator Services 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 ASR's on this one-way trunk group.

3.6.2 Directory Assistance (DA)/Directory Assistance Call Completion (DACC) Trunks. CLEC shall establish a one-way trunk group from CLEC's switch to the AT&T-13STATE Directory Assistance 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. 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. CLEC will have administrative control for the purpose of issuing ASR's on this one-way trunk group.

3.6.3 Busy Line Verification/Emergency Interrupt (BLV/EI) Trunks. When CLEC wishes for AT&T-13STATE to perform Busy Line Verification or Emergency Interrupt for CLEC end users, AT&T-13STATE will need a segregated one-way BLV trunk group with MF signaling from AT&T-13STATE's Operator Services switch to CLEC's switch serving end users in that LATA. CLEC will have administrative control for the purpose of issuing ASR's on this one-way trunk group. The BLV trunk group will be designated with the appropriate traffic use code and modifier.

4. SPECIFICS OF OS OFFERINGS AND RECURRING CHARGES

4.1 Operator Services Rate Structure. AT&T-13STATE will assess its Operator Services charges based upon whether the CLEC end user is receiving (a) manual Operator Services (i.e., provided a live Operator), for which a per work second charge will apply, or (b) automated Operator Services (i.e., an OS switch equipment voice recognition feature, functioning either fully or partially without live Operators), where a flat rate per call charge will apply. See the attached Appendix Pricing for the full set of OS recurring and nonrecurring rates.

4.2 Operator Services Call Processing. Whether manual or automated, AT&T-13STATE will provide the following services when processing a 0-dialed call from CLEC's line, regardless of whether Directory Assistance is also requested:

4.2.1 General Operator Assistance - The end user dialing 0 may ask the OS Operator to provide local and intraLATA dialing assistance for the purposes of completing calls, or requesting information on how to place calls; handling emergency calls, handling credits.

4.2.2 Calling Card - The end user dialing 0 may provide the OS Operator with a Calling Card number for billing purposes, and seek assistance in completing the call.

4.2.3 Collect - The end user dialing 0 may ask the OS Operator to bill the charges associated with the call to the called number, provided such billing is accepted by the called number.

4.2.4 Third Number Billed - The end user dialing 0 may ask the OS Operator to bill the call to a different number than the calling or called number.

4.2.5 Person-To-Person Service - The end user dialing 0 may ask the OS 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.

4.2.6 Busy Line Verification - A service in which the end user dialing 0 will ask the OS Operator to check the requested line for conversation in progress and advise the caller of the status.

4.2.7 Busy Line Interrupt - A service in which the end user dialing 0 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.

5. SPECIFICS OF DA OFFERING AND RECURRING CHARGE

5.1 Directory Assistance Rate Structure. AT&T-13STATE charges local DA by one rate, and all other DA products by a separate rate. In both cases DA charges are assessed on a flat rate per call, regardless of call duration. See the attached Appendix Pricing for the DA recurring and nonrecurring rates.

5.2 Directory Assistance Call Processing. Where technically feasible and/or available, AT&T-13STATE will provide the following DA Services when a CLEC end user served dials 411 or 1-411, regardless of whether Operator Services are also requested from AT&T-13STATE:

5.2.1 Local Directory Assistance. Consists of providing published name, address and telephone number to the dialing end user.

5.2.2 Directory Assistance Call Completion (DACC). A service in which a local or an intraLATA call to the requested number is completed on behalf of the DA end user, utilizing an automated voice system or with operator assistance.

5.2.3 National Directory Assistance (NDA). A service whereby callers may request Directory Assistance outside their LATA or local calling area for any listed telephone number in the United States.

5.2.4 Reverse Directory Assistance (RDA). An Information Service consisting of providing listed local and national name and address information associated with a telephone number provided by the individual originating the call.

5.2.5 Business Category Search (BCS) (Where Available). A service in which the end user 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.

6. OS/DA NON-RECURRING CHARGES FOR LOADING AUTOMATED CALL GREETING (I.E. BRAND ANNOUNCEMENT), RATES AND REFERENCE INFORMATION

6.1 The incoming OS/DA call is automatically answered by a pre-recorded greeting loaded into the OS/DA switch itself, prior to being handled by automated equipment or a live operator. It is not technically feasible to avoid the automatic pre-recorded announcement function in these OS/DA switches, therefore CLEC agrees that it shall establish a pre-recorded greeting to play for every OS or DA call dialed by CLEC's end user, and this greeting is mandatory, not optional, when AT&T-13STATE is the OS/DA provider.

6.1.1 CLEC will provide announcement phrase information, via Operator Services Translations Questionnaire (OSTQ), to AT&T-13STATE in conformity with the format, length, and other requirements specified for all CLECs on the AT&T-13STATE CLEC website (https//:clec.att.com/clec).

6.1.2 AT&T-13STATE 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, for subsequent loading and testing charges.

6.2 If CLEC does not wish to brand the OS/DA calls, CLEC may also have their end user hear silence upon connecting with the OS/DA switch by having AT&T-13STATE load a recording of silence into the automatic, pre-recorded announcement slot, set for the shortest possible duration allowed by the switch, to then be routed to automated or live operators as with all other OS/DA calls, for which brand loading charges will still apply.

6.2.1 CLEC understands that silent announcements may not be perceived by dialing end users as ordinary mechanical handling of OS/DA calls.

6.2.2 CLEC agrees that if it does not brand the call, CLEC shall indemnify and hold AT&T-13STATE harmless from any regulatory violation, consumer complaint, or other sanction for failing to identify the OS/DA provider to the dialing end user.

6.2.3 AT&T-13STATE must make the silent recording play for the shortest possible duration technically feasible for each applicable OS/DA switch, but otherwise has no responsibility if a silent announcement is chosen by CLEC.

6.3 AT&T-13STATE will be responsible for loading the CLEC-provided recording or the silent announcement 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-13STATE retail end users. CLEC will be responsible for paying the initial recording or silent announcement loading charges, and thereafter, the per-call charge as well as any subsequent loading charges if a new recordings or silent announcements are provided as specified above.

6.4 Branding/Silent Announcement 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 facility-based operations, and therefore two separate recordings could be loaded into each switch, each incurring the Branding/Silent Announcement charge). These charges are mandatory, nonrecurring, and are found in the attached Appendix Pricing.

6.5 In all current AT&T-13STATE OS/DA switches, the applicable CLEC-charged retail OS/DA rates and a CLEC-provided contact number (e.g., reference to a CLEC business office or repair call center) are loaded into the system utilized by the OS/DA Operator.

6.6 AT&T-13STATE 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.

6.7 Rate/Reference load charges are assessed per loaded set of rates/references, per OCN, per state. (For example, a CLEC Reseller may choose to rate differently than its facility-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, each loading incurring the Rate/Reference charge). These charges are mandatory, nonrecurring and are found in the attached Appendix Pricing.

6.8 Converting End Users from Prior Branded Service to CLEC or Silent-Branded Service, or between Resale and facilities-based service.

6.8.1 To the extent that CLEC has already established the Branding/Silent Announcement recording in AT&T-13STATE 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.

6.8.2 To the extent that CLEC has not established the Branding/Silent Announcement recording in AT&T-13STATE 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 6 above, and at the rates set forth in the attached Appendix Pricing.

APPENDIX OUT OF EXCHANGE TRAFFIC

TABLE OF CONTENTS

DEFINITIONS 1
INTRODUCTION 2
NETWORK MANAGEMENT 3
NETWORK CONNECTIONS FOR OUT OF EXCHANGE TRAFFIC 4
INTERCARRIER COMPENSATION 5
INTERLATA SECTION 251(B)(5) TRAFFIC 6

APPENDIX OUT OF EXCHANGE TRAFFIC

1. DEFINITIONS

1.1 This Appendix sets for the terms and conditions necessary for the exchange of Out of Exchange Traffic (as defined in Section 1.4).

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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin.

1.3 For purposes of this Appendix only, "Out of Exchange LEC" (OE-LEC) means Spectrotel, Inc. operating within AT&T-13STATE's incumbent local exchange area and also providing telecommunications services in another ILEC's incumbent local exchange area that shares mandatory or optional calling with AT&T-13STATE.

1.4 For purposes of this Appendix only, "Out of Exchange Traffic" is defined as 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 attachments in this Agreement set forth the terms and conditions pursuant to which AT&T-13STATE agrees to provide CLEC with access to lawful unbundled network elements (Lawful UNEs) under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act 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 Lawful UNEs and access to Lawful UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act to CLEC in AT&T-13STATE's incumbent local exchange areas. AT&T-13STATE has no obligation to provide such Lawful UNEs, Collocation, Interconnection and/or Resale to CLEC for the purposes of CLEC providing and/or extending service outside of AT&T-13STATE's incumbent local exchange areas. In addition, AT&T-13STATE is not obligated to provision Lawful UNEs or to provide access to Lawful UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act and is not otherwise bound by any 251(c) obligations in geographic areas other than AT&T-13STATE's incumbent local exchange areas. Therefore, the Parties understand and agree that the rates, terms and conditions set forth in this Agreement, and any associated provisions set forth

elsewhere in this Agreement (including but not limited to the rates set forth in this Agreement associated with Lawful UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act), shall 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 Each Party to this Appendix will be responsible for the accuracy and quality of its data as submitted to the respective Parties involved. Where SS7 connections exist, each Party will include the Calling Party Number (CPN) that truly and accurately reflect the location of the end user that originated and/or dialed the call in the information transmitted to the other for each call being terminated on the other's network. If one Party is passing CPN but the other Party is not properly receiving CPN, the Parties will work cooperatively to correct the problem. Where SS7 connections exist and the percentage of calls passed with CPN is greater than ninety percent (90%), all calls without CPN exchanged between the Parties will be billed as either Section 251(b)(5) Traffic, ISP-Bound Traffic, FX Traffic, Optional EAS Traffic, or intraLATA Toll Traffic in direct proportion to the minutes of use (MOU) of calls exchanged with CPN. If the percentage of calls passed with CPN is less than ninety percent (90%), all calls passed without CPN will be billed as intraLATA switched access.

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.

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 exchange areas for the purpose of providing telephone exchange service and exchange access 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 this Agreement. AT&T-13STATE will accept OE-LEC's Out of Exchange Traffic at its tandem switch over local interconnection facilities 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 AT&T-13STATE's end offices. When such Out of Exchange Traffic is Section 251(b)(5) Traffic 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 end office trunk group when traffic levels exceed one DS1 (24 DS0s) to or from an AT&T-13STATE End Office.

4.2 The Parties agree, that at a minimum, OE-LEC shall establish a trunk group for Out of Exchange Traffic from OE-LEC to each AT&T-13STATE serving tandem in a LATA. This requirement may be waived upon mutual agreement of the parties.

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 OE-LEC shall route originating Out of Exchange Traffic to the serving tandem as defined by the tandem owner 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 directly to the serving AT&T-13STATE End Office.

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 AT&T-13STATE shall not compensate any Third Party local exchange carrier and/or Telecommunications Carrier for any traffic that is inappropriately routed to AT&T-13STATE (as reflected in the LERG). Any compensation due AT&T-13STATE for such misrouted traffic shall be paid by OE-LEC. The appropriateness of such routing and the correct AT&T-13STATE serving tandems are reflected by AT&T-13STATE in the LERG. This also includes traffic that is destined to End Offices that do not subtend AT&T-13STATE tandem. AT&T-13STATE shall provide notice to OE-LEC pursuant to the Notices provisions of this Agreement that such misrouting has occurred. In the notice, OE-LEC shall be given thirty (30) calendar days to cure such misrouting.

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 using AT&T-13STATE's standard code opening timeframes.

5. INTERCARRIER COMPENSATION

5.1 The compensation arrangement for Out of Exchange traffic exchanged between the Parties shall be as set forth in the Appendix Intercarrier Compensation.

6. INTERLATA SECTION 251(B)(5) TRAFFIC

6.1 AT&T-13STATE will exchange AT&T-13STATE InterLATA Section 251(b)(5) Traffic that is covered by an FCC approved or court ordered InterLATA boundary waiver. AT&T-13STATE will exchange such traffic using two-way direct final 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"), (iii) via a mutually agreed to meet point facility within the AT&T-13STATE exchange area covered under such InterLATA waiver, or (iv) via another mutually agreeable method. 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, (ii) via a mutually agreed to facility meet point arrangement at or near the EAB, or (iii) via another mutually agreeable method. AT&T-13STATE will not provision or be responsible for facilities located outside of AT&T-13STATE exchange areas.

6.2 The Parties agree that the associated traffic from each AT&T-13STATE End Office will not alternate route.

6.3 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.

6.4 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.

6.5 AT&T-13STATE shall not compensate any Third Party local exchange carrier and/or Telecommunications Carrier for any traffic that is inappropriately routed to AT&T-13STATE (as reflected in the LERG). Any compensation due AT&T-13STATE for such misrouted traffic shall be paid by OE-LEC. The appropriateness of such routing and the correct AT&T-13STATE serving tandems are reflected by AT&T-13STATE in the LERG. This also includes traffic that is destined to End Offices that do not subtend AT&T-13STATE-tandem. AT&T-13STATE shall provide notice to OE-LEC pursuant to the Notices provisions of this Agreement that such misrouting has occurred. In the notice, OE-LEC shall be given thirty (30) calendar days to cure such misrouting.

6.6 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) using AT&T-13STATE's standard code opening timeframes.

6.7 The compensation arrangement for InterLATA Section 251(b)(5) Traffic shall be governed by the compensation terms and conditions for Section 251(b)(5) Traffic in the Appendix Intercarrier Compensation.

APPENDIX
INTERCARRIER COMPENSATION

(AFTER FCC ORDER NO. 01-131, AGREEING TO EXCHANGE ALL ISP-BOUND and SECTION 251(b)(5) TRAFFIC AT THE FCC RATES IN CERTAIN STATES, WHERE APPLICABLE)

TABLE OF CONTENTS

SCOPE OF APPENDIX 1
ILEC DESIGNATIONS 2
RESPONSIBILITIES OF THE PARTIES 3
RECIPROCAL COMPENSATION FOR TERMINATION OF SECTION 251(b)(5) TRAFFIC 4
RATES, TERMS AND CONDITIONS OF FCC'S INTERIM ISP TERMINATING COMPENSATION PLAN 5
OTHER TELECOMMUNICATIONS TRAFFIC 6
OPTIONAL CALLING AREA TRAFFIC – AT&T ARKANSAS, AT&T KANSAS AND AT&T TEXAS 7
MCA TRAFFIC -- AT&T MISSOURI 8
PRIMARY TOLL CARRIER ARRANGEMENTS 9
INTRALATA 800 TRAFFIC 10
MEET POINT BILLING (MPB) AND SWITCHED ACCESS TRAFFIC COMPENSATION 11
COMPENSATION FOR ORIGINATION AND TERMINATION OF INTERLATA TRAFFIC 12
INTRALATA TOLL TRAFFIC COMPENSATION 13
BILLING ARRANGEMENTS FOR TERMINATION OF SECTION 251(b)(5) TRAFFIC, ISP-BOUND TRAFFIC, OPTIONAL EAS TRAFFIC AND INTRALATA TOLL TRAFFIC 14
RESERVATION OF RIGHTS AND SPECIFIC INTERVENING LAW TERMS 15
SWITCHED ACCESS TRAFFIC 16
ALTERNATE TANDEM PROVIDER 17

APPENDIX INTERCARRIER COMPENSATION

1. SCOPE OF APPENDIX

1.1 This Appendix sets forth the terms and conditions for Intercarrier Compensation of intercarrier telecommunications traffic exchanged 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 over the originating carrier's facilities or over local circuit switching purchased by CLEC from AT&T-13STATE on a wholesale basis (non-resale) and used in providing wireline local telephone exchange (dialtone) service to its end user customers.

1.3 The provisions of this Appendix do not apply to traffic originated over services provided under local Resale service. 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 Interconnection 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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin.

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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri and AT&T Oklahoma, the applicable AT&T-owned ILEC(s) doing business in Arkansas, Kansas, Missouri and Oklahoma.

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 Company 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 Company 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 Company 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 Company 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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas, the applicable above listed ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma and Texas.

2.22 AT&T TEXAS - As used herein, AT&T TEXAS means Southwestern Bell Telephone Company d/b/a AT&T Texas, the applicable AT&T-owned ILEC doing business in Texas.

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. RESPONSIBILITIES OF THE PARTIES

3.1 For all traffic originated on a Party's network including, without limitation, Switched Access Traffic such Party shall provide Calling Party Number (CPN) as defined in 47 C.F.R. § 64.1600(c) ("CPN") in accordance with Section 3.3 below. CPN shall, at a minimum, include information in an industry recognized standard

format, consistent with the requirements of the North American Numbering Plan (NANP) containing a unique three digit area code (NPA) and seven digit (NXX-XXXX) telephone number. 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. In addition, each Party agrees that it shall not strip, alter, modify, add, delete, change, or incorrectly assign any CPN. 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.

3.2 If one Party is passing CPN but the other Party is not properly receiving information, the Parties will work cooperatively to correct the problem.

3.3 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.

3.4 For those usage based charges where actual charge information is not determinable by AT&T-2STATE 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 13.2 below.

3.5 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 who has purchased local switching from AT&T-13STATE on a wholesale basis (non-resale) which is used by such telecommunications carrier to provide wireline local telephone exchange (dialtone) service to its End Users. In no event will AT&T-13STATE 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-13STATE 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-13STATE will not be required to function as a billing intermediary, e.g., clearinghouse. AT&T-13STATE may provide information regarding such traffic to other telecommunications carriers or entities as appropriate to resolve traffic compensation issues.

3.6 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.

3.7 For Section 251(b)(5) Traffic, ISP-Bound Traffic, Optional EAS Traffic, and IntraLATA Toll Traffic, 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 purchases local switching from AT&T CONNECTICUT on a wholesale basis 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 4.7.3 below.

3.8 To the extent that the Parties are not currently exchanging traffic in a given LATA or Local Calling Area, 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 as Operator Services, 911 or Mass Calling trunks) and is capable of fully

supporting originating and terminating End User customers' traffic. In addition, the Parties agree that test traffic is not subject to compensation pursuant to this Appendix Intercarrier Compensation.

3.9 The Parties acknowledge that this Attachment addresses solely the method of compensation for traffic properly exchanged by the Parties under this Agreement. This Attachment is not meant to address whether the Parties are obligated to exchange any specific type of traffic, nor the types of services to be offered by AT&T-13STATE pursuant to this agreement.

3.9.1 More specifically, and without limiting the foregoing Section 3.9, the parties acknowledge that this Attachment does not address "Out of Exchange Traffic" with an "Out of Exchange-LEC." The Parties acknowledge that they have agreed upon terms and conditions for the exchange of such traffic, as provided for in Appendix OE-LEC hereto. For purposes of this Agreement, "Out of Exchange LEC" (OE-LEC) means a CLEC operating within AT&T-13STATE's incumbent local exchange area and also providing telecommunications services in another ILEC's incumbent local exchange area that shares mandatory or optional calling with AT&T-13STATE. For purposes of this Agreement, "Out of Exchange Traffic" is defined as Section 251(b)(5) Traffic, ISP-Bound Traffic, FX Traffic, Optional EAS Traffic, MCA Traffic, IntraLATA Toll 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.

4. RECIPROCAL COMPENSATION FOR TERMINATION OF SECTION 251(b)(5) TRAFFIC

4.1 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.

4.2 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).

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.

4.2.1 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.

4.2.2 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. Because of these possibilities, 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, CLEC, and CMRS carriers in the state where traffic is exchanged as Local Calls within the meaning of this Appendix.

4.3 In AT&T-12STATE the rates, terms and conditions for compensation of Section 251(b)(5) Traffic, as defined in Section 4.1 and ISP-Bound Traffic, as defined in Section 5.1 will be compensated at the FCC's interim ISP terminating compensation rate as set forth in Section 5.3.2 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-12STATE 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; (iii) California effective on and after August 1, 2003; (iv) Illinois effective on and after September 1, 2003; and (v) 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 Section 4 will apply to all Section 251(b)(5) Traffic and ISP-Bound Traffic as for that particular state.

4.4 In instances where the originating carrier is originating telecommunications traffic over its own facilities, (i.e., not leased or purchased from AT&T-13STATE), the following tandem serving rate elements are applicable on a terminating MOU basis and includes compensation for the following sub-elements:

4.4.1 Tandem Switching - compensation for the use of tandem switching only consisting of a duration (per minute) rate element.

4.4.2 Tandem Transport - compensation for the transmission of traffic 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.

4.4.3 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.

4.5 In instances where the originating carrier is originating telecommunications traffic over its own facilities, (i.e., not leased or purchased from AT&T-13STATE), the following end office switching rate elements are applicable on a terminating MOU basis::

4.5.1 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.

4.6 CLEC shall only be paid End Office Serving Rate Elements.

4.7 Intercarrier Compensation for Wholesale Local Switching Traffic

4.7.1 Where CLEC purchases local switching from AT&T-12STATE 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-12STATE is required to provide CLEC with timely, complete and correct information to enable CLEC to meet the requirements of this section.

4.7.2 The following reciprocal compensation terms shall apply to all traffic exchanged between AT&T-12STATE and CLECs when CLEC purchases local switching from AT&T-12STATE on a wholesale basis:

4.7.2.1 For intra-switch Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between AT&T-12STATE and CLEC, the Parties agree to impose no call termination charges pertaining to reciprocal compensation on each other.

4.7.2.2 For interswitch Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between AT&T-12STATE and CLEC where CLEC's End User originates a call that is terminated to a AT&T-12STATE End User, such traffic shall be paid for reciprocally at the FCC Plan rate set forth in Section 5.3.2 for the transport and termination of Section 251(b)(5) Traffic, and ISP-Bound Traffic.

4.7.3 In AT&T CONNECTICUT, when CLEC purchases local switching from AT&T CONNECTICUT on a wholesale basis 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. When CLEC purchases local switching from AT&T CONNECTICUT on a wholesale basis, CLEC 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. RATES, TERMS AND CONDITIONS OF FCC'S INTERIM ISP TERMINATING COMPENSATION PLAN

5.1 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 5.4 of this Appendix.

5.2 The Parties hereby agree that the following rates, terms and conditions set forth in Section 5 shall apply to the termination of all Section 251(b)(5) Traffic and 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 4 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 and all ISP-Bound Traffic is subject to the rebuttable presumption.

5.3 Intercarrier Compensation for all ISP-Bound Traffic and Section 251(b)(5) Traffic

5.3.1 The rates, terms, and conditions in Section 5 apply to the termination of all Section 251(b)(5) Traffic as defined in Section 4.1 and ISP-Bound Traffic as defined in Section 5.1 and ISP-Bound Traffic is subject to the rebuttable presumption.

5.3.2 The Parties agree to compensate each other for the transport and termination of all Section 251(b)(5) and ISP-Bound Traffic and traffic on a minute of use basis, at $.0007 per minute of use.

5.3.3 Payment of Intercarrier Compensation on ISP-Bound Traffic and Section 251(b)(5) Traffic will not vary according to whether the traffic is routed through a tandem switch or directly to an end office switch.

5.4 ISP-Bound Traffic Rebuttable Presumption

5.4.1 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 terms in this Section 5.4. 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. During the pendency of any such proceedings to rebut the presumption, the Parties will remain obligated to pay the rates set forth in Section 5.3.2 for Section 251(b)(5) Traffic and ISP-Bound Traffic.

5.5 For purposes of this Section 5.5, all Section 251(b)(5) Traffic and all ISP-Bound Traffic shall be referred to as "Billable Traffic" and will be billed in accordance with Section 13.0 below.

5.5.1 Each party will invoice the other party on a monthly basis for combined Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between the Parties at the rate set forth in Section 5.3.2.

6. OTHER TELECOMMUNICATIONS TRAFFIC

6.1 Except as set forth in Section 5 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.

6.2 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). There are two types of FX service:

6.2.1 "Dedicated FX Traffic" shall mean those calls routed by means of a physical, dedicated circuit delivering dial tone or otherwise serving an End User's station from a serving Central Office (also

known as End Office) located outside of that station's mandatory local calling area. Dedicated FX Service permits the End User physically located in one exchange to be assigned telephone numbers resident in the serving Central (or End) Office in another, "foreign," exchange, thereby creating a local presence in that "foreign" exchange.

6.2.2 "Virtual Foreign Exchange (FX) Traffic" and "FX-type Traffic" shall refer to those calls delivered to telephone numbers that are rated as local to the other telephone numbers in a given mandatory local calling area, but where the recipient End User's station assigned that telephone number is physically located outside of that mandatory local calling area. Virtual FX Service also permits an End User physically located in one exchange to be assigned telephone numbers resident in the serving Central (or End) Office in another, "foreign," exchange, thereby creating a local presence in the "foreign" exchange. Virtual FX Service differs from Dedicated FX Service, however, in that Virtual FX End Users continue to draw dial tone or are otherwise served from a Central (or End) Office which may provide service across more than one Commission-prescribed mandatory local calling area, whereas Dedicated FX Service End Users draw dial tone or are otherwise served from a Central (or End) Office located outside their mandatory calling area.

6.2.3 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-12STATE.

6.2.3.1 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.

6.2.4 Intentionally left blank

6.2.5 Pursuant to the Connecticut Commission Arbitration Award in Docket. 01-01-29RE01, the originating Party will bill the terminating Party the appropriate originating access charges for all traffic, except ISP-Bound Traffic, that is terminated to a number that is provisioned as a Virtual FX, Dedicated FX or FX-type service as defined in Section 6.2 above in AT&T CONNECTICUT. In such circumstances, for ISP-Bound Traffic the appropriate compensation mechanism is bill and keep.

6.2.6 Segregating and Tracking FX Traffic

6.2.6.1 For AT&T-12STATE, the terminating carrier is responsible for separately identifying IntraLATA Virtual FX, Dedicated FX, and FX-type Traffic from other types of Intercarrier traffic for compensation purposes. The terminating carrier will be responsible for providing the originating carrier with an FX Usage Summary which includes a ten (10) digit telephone number level detail of the minutes of use terminated to FX Telephone Numbers on its network each month (or in each applicable billing period, if not billed monthly), or by any means mutually agreed by the Parties.

6.2.6.2 Terminating carrier will not assess compensation charges to the Voice FX MOU and ISP FX MOU in AT&T-12STATE.

6.2.6.3 Intentionally left blank

6.2.6.4 For AT&T CONNECTICUT, FX traffic must be identified as voice FX and ISP FX. AT&T CONNECTICUT will work with CLEC in reviewing its data to determine the volume of IntraLATA FX traffic being exchanged for an agreed-upon period of time. The parties may agree to use traffic studies, retail sales of Dedicated FX lines, or any other agreed method of estimating the FX traffic to be assigned a factor. Once the data review is completed, the Parties will estimate the percentage of minutes of use that is attributable to FX traffic. For AT&T CONNECTICUT ISP FX percentage will be assigned ("PIFX") and voice FX percentage will be assigned ("PVFX"). The PIFX and PVFX ("FX factor") will be used in lieu of providing the actual minutes of use data. This plan will be applied on an individual CLEC basis.

6.2.6.4.1 The FX factor will be applied to the measured local usage minutes of use ("MOU") and result in the following billing adjustments:

(i) Terminating carrier will multiply the measured local MOU by the FX factor to calculate the IntraLATA FX traffic.

(ii) Terminating carrier will subtract both the voice FX MOU and ISP FX MOU from the measured local MOU.

(iii) Terminating carrier will apply the appropriate compensation rate to the adjusted local MOU for Section 251(b)(5) Traffic, and ISP-Bound Traffic, as set forth in Section 5.3.2 above.

(iv) Terminating carrier will not assess compensation charges to the ISP FX MOU in AT&T CONNECTICUT where such traffic is subject to a Bill and Keep Arrangement.

(v) Originating carrier will apply the appropriate originating access charges only to the Voice FX MOU in AT&T CONNECTICUT.

6.2.6.4.2 The FX factor may be adjusted by the Parties on a quarterly basis.

6.2.6.5 Either Party may request an audit of the FX Usage Summary or the FX Factor on no fewer than thirty (30) business day's 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 FX Usage Summary or the FX Factor and associated usage from the other Party and may not be requested more than twice per year, once per calendar year, 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.

6.2.6.5.1 If the FX factor is adjusted based upon the audit results, the adjusted FX factor 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 FX factor or underreported the FX 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.

6.3 Private Line Services include private line-like and special access services and are not subject to intercarrier compensation. Private Line Services are defined as a digital point-to-point connection that provides a dedicated circuit of pre-subscribed bandwidth between any two points. Private Line Services are used to consolidate communications over one line for voice, data, video and multimedia.

6.4 The Parties recognize and agree that ISP and Internet traffic (excluding ISP-Bound Traffic as defined in Section 5.1) 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 4 and 5 above not apply, including but not limited to ISP calls that fit the underlying Agreement's definitions of:

- FX Traffic
- Optional EAS Traffic
- IntraLATA Toll Traffic
- 800, 888, 877, ("8YY") Traffic
- Feature Group A Traffic
- MCA Traffic

6.5 The Parties agree that, for the purposes of this Appendix, either Party's 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 4 and 5 above do not apply. The applicable

rates, terms and conditions for: (a) FX Traffic are set forth in Section 6.2; (b) Optional EAS Traffic are set forth in Section 7; (c) 8YY Traffic are set forth in Section 10; (d) Feature Group A Traffic are set forth in Section 6.2; (e) IntraLATA Toll Traffic are set forth in Section 12; and/or (f) MCA Traffic are set forth in Section 8.

7. OPTIONAL CALLING AREA TRAFFIC – AT&T ARKANSAS, AT&T KANSAS AND AT&T TEXAS

7.1 Compensation for Optional Calling Area (OCA) Traffic, (also known as Optional Extended Area Service and Optional EAS) is for the termination of intercompany traffic to and from the Commission approved one-way or two-way optional exchanges(s) and the associated metropolitan area, except mandatory extended traffic as addressed in Sections 4.1 and 5.1 above. The transport and termination rate applies when AT&T ARKANSAS, AT&T KANSAS or AT&T TEXAS transports traffic and terminates it at its own switch.

7.2 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.

7.3 The state specific OCA Transport and Termination rates are outlined in Appendix Pricing.

8. MCA TRAFFIC -- AT&T MISSOURI

8.1 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 a Section 251(b)(5) 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.

8.1.1 Either party providing Metropolitan Calling Area (MCA) service shall offer the full calling scope prescribed in Case No. TO-92-306, 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.

8.1.2 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.

8.2 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.

8.3 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.

9. PRIMARY TOLL CARRIER ARRANGEMENTS

9.1 A Primary Toll Carrier (PTC) is a company that provides IntraLATA Toll Traffic Service for its own End User customers and potentially for a third party ILEC's End User customers. In this ILEC arrangement, the PTC would receive the ILEC End User IntraLATA toll traffic revenues and pay the 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 ILEC. In those states wherein Primary Toll Carrier arrangements are mandated

and AT&T-13STATE is functioning as the PTC for a third party ILEC's End User customers, the following provisions apply to the IntraLATA toll traffic which is subject to the PTC arrangement:

(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, but such compensation shall not exceed the compensation contained in the AT&T-13STATE Intrastate Access Service Tariff in the respective state; and/or

(ii) AT&T-13STATE shall deliver such IntraLATA toll traffic that originated from CLEC and terminated to third party ILEC 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 rates set forth in AT&T-13STATE's Intrastate Access Service Tariff. CLEC shall pay the ILEC for the termination of such traffic originated from CLEC.

10. INTRALATA 800 TRAFFIC

10.1 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. On a monthly basis the Parties agree to provide this data to each other at no charge. 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.

10.2 IntraLATA 800 Traffic calls are billed to and paid for by the called or terminating Party, regardless of which Party performs the 800 query.

11. MEET POINT BILLING (MPB) AND SWITCHED ACCESS TRAFFIC COMPENSATION

11.1 Intercarrier compensation for Switched Access Traffic shall be on a Meet Point Billing ("MPB") basis as described below.

11.2 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.

11.3 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.

11.4 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.

11.5 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.

11.6 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.

11.7 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.

11.8 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.

11.9 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 no more than three (3) to twelve (12) consecutive months of prior usage data.

12. COMPENSATION FOR ORIGINATION AND TERMINATION OF INTERLATA TRAFFIC

12.1 Where a CLEC originates or terminates its own end user InterLATA Traffic not subject to Meet Point Billing, the CLEC must purchase feature group access service from AT&T-13STATE's state or federal access tariffs, whichever is applicable, to carry such InterLATA Traffic.

13. INTRALATA TOLL TRAFFIC COMPENSATION

13.1 For intrastate IntraLATA Message Telephone Service (MTS) toll traffic, compensation for termination of such traffic will be at terminating access rates. For intrastate IntraLATA 800 Service, compensation for termination of such traffic will be at originating access rates, including the Carrier Common Line (CCL) charge where applicable. The appropriate access rates are set forth in each Party's Intrastate Access Service Tariff, but such compensation shall not exceed the compensation contained in an AT&T-13STATE's tariff in whose exchange area the End User is located.

13.2 For interstate IntraLATA MTS toll traffic, compensation for termination of such traffic will be at terminating access rates. For interstate IntraLATA 800 Service, compensation for termination of such traffic will be originating access rates, including the CCL charge where applicable. The appropriate access rates are set forth in each Party's interstate Access Service Tariff, but such compensation shall not exceed the compensation contained in the AT&T-13STATE's tariff in whose exchange area the End User is located.

14. BILLING ARRANGEMENTS FOR TERMINATION OF SECTION 251(b)(5) TRAFFIC, ISP-BOUND TRAFFIC, OPTIONAL EAS TRAFFIC AND INTRALATA TOLL TRAFFIC

14.1 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 Section 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.

14.1.1 Where CLEC is using terminating recordings to bill intercarrier compensation, AT&T-12STATE 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-12STATE non-resale offering whereby AT&T-12STATE 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.

14.2 For those usage based charges where actual charge information is not determinable by AT&T-2STATE 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.

14.2.1 CLEC and AT&T-2STATE 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 day's 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.

14.3 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, ISP-Bound Traffic will be calculated using the 3:1 Presumption as set forth in Section 5.4 of this Appendix.

14.4 The 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.

14.5 All ISP-Bound Traffic for a given usage month shall be due and owing at the same time as payments for Section 251(b)(5) under this Appendix. 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.

14.6 For billing disputes arising from Intercarrier Compensation charges, the party challenging the disputed amounts (the "Non-Paying Party") may withhold payment for the amounts in dispute (the "Disputed Amounts") from the party rendering the bill (the "Billing Party") only for so long as the dispute remains pending pursuant to the dispute resolution procedures of the General Terms and Conditions. Late payment charges and interest will continue to accrue on the Disputed Amounts while the dispute remains pending. The Non-Paying Party need not pay late payment charges or interest on the Disputed Amounts for so long as the dispute remains pending pursuant to the dispute resolution procedures of the General Terms and Conditions. Upon resolution of the dispute pertaining to the Disputed Amounts in accordance with the dispute resolution provisions of the General Terms and Conditions: (1) the Non-Paying Party will remit the appropriate Disputed Amounts to the Billing Party, together with all related interest and late payment charges, to the Billing Party within ten (10) business days of the resolution of the dispute, if (and to the extent) the dispute is resolved in favor of the Billing Party; and/or (2) the Billing Party will render all appropriate credits and adjustments to the Non-Paying Party for the Disputed Amounts, together with all appropriate interest and late payment charges, within ten (10) business days of the resolution of the dispute, if (and to the extent) the dispute is resolved in favor of the Non-Paying Party.

14.7 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 no more than three (3) to twelve (12) consecutive months of prior usage data.

15. RESERVATION OF RIGHTS AND SPECIFIC INTERVENING LAW TERMS

15.1 In the event the pricing scheme in the FCC's Interim ISP Compensation Order (defined in Section 5 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. SWITCHED ACCESS TRAFFIC

16.1 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).

16.2 In the limited circumstances in which a third party competitive local exchange carrier delivers Switched Access Traffic as described in Section 15.1 (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 15.1(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.

17. ALTERNATE TANDEM PROVIDER

17.1 An Alternate Tandem Provider shall mean a Telecommunications Carrier, with no End Users, that provides tandem switching services to CLEC with whom it is directly interconnected for the purpose of delivering Third Party Originating Carrier traffic via direct interconnection arrangements with AT&T-13STATE to (i) AT&T-13STATE's End User; (ii) to an End User of a Third Party Terminating Carrier that utilizes local switching from AT&T-12STATE purchased on a wholesale basis to provide service to its End Users; and/or (iii) a Third Party Terminating Carrier's End User.

17.2 "Third Party Originating Carrier" means a Competitive Local Exchange Carrier (CLEC), Incumbent Local Exchange Carrier (ILEC), Commercial Mobile Radio Service (CMRS) provider and/or Out-of Exchange Local Exchange Carrier (OE-LEC) that sends traffic originated by its End Users to an Alternate Tandem Provider.

17.3 Third Party Terminating Carrier shall mean Competitive Local Exchange Carrier (CLEC), Incumbent Local Exchange Carrier (ILEC), Commercial Mobile Radio Service (CMRS) provider, Out-of Exchange Local Exchange Carrier (OE-LEC), AT&T-13STATE as the Incumbent Local Exchange Carrier (ILEC) or a Carrier that utilizes local switching from AT&T-12STATE purchased on a wholesale basis to provide service to its End Users, to which traffic is terminated when CLEC uses an Alternate Tandem Provider.

17.4 When Alternate Tandem Provider sends Traffic originated by the End Users of CLEC functioning as the Third Party Originating Carrier to an End User of AT&T-13STATE who is functioning as the Third Party Terminating Carrier, CLEC is responsible for all Minutes of Use ("MOUs") billed by AT&T-13STATE for the termination of such traffic.

APPENDIX RECORDING

TABLE OF CONTENTS

INTRODUCTION.....1
DEFINITIONS.....2
RESPONSIBILITIES OF THE PARTIES.....3
BASIS OF COMPENSATION.....4
LIABILITY.....5
EXHIBITS

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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin.

1.1.2 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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas the applicable above listed ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.

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

INTRODUCTION.....1
DESCRIPTION AND CHARGES FOR SERVICES.....2
TERMS AND CONDITIONS OF SERVICE.....3
ANCILLARY SERVICES.....4
USE OF AT&T BRAND.....5
RESPONSIBILITIES OF AT&T-13STATE.....6
RESPONSIBILITIES OF CLEC.....7

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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin.

1.3 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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, and AT&T Oklahoma the applicable AT&T-owned ILEC(s) doing business in Arkansas, Kansas, Missouri and Oklahoma.

1.5 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 Company 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 Company 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 Company 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 Company 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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas the applicable above listed ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma and Texas.

1.23 AT&T TEXAS - As used herein, AT&T TEXAS means Southwestern Bell Telephone Company d/b/a AT&T Texas, the applicable AT&T-owned ILEC doing business in Texas.

1.24 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 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 limitations or restrictions, CLEC may resell other Telecommunications Services offered at retail by AT&T-13STATE at the discount set forth in Appendix Pricing.

2.3 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).

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 and (ii) the actual revenues CLEC billed its End User(s) in connection with the stated violation, whichever is greater. 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%.

3.15.2.5 Final wholesale discount will be applied on a going forward basis awaiting the outcome of the pending cost study.

3.15.2.6 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 E911 Emergency Service

4.1.1 The terms and conditions for reselling AT&T-13STATE 911 services are contained in Appendix 911.

4.2 White Pages

4.2.1 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.

4.2.2 Additional Listing services, as set forth in Appendix Pricing, may be purchased by CLEC for its End Users on a per listing basis.

4.2.3 Liability Relating to End User Listings

4.2.3.1 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.

4.2.3.2 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 expenses incurred by AT&T-13STATE in handling and defending such demand, claim and/or suit.

4.2.4 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.

4.2.5 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.

4.2.6 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.

4.2.7 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.

4.3 Resale Operator Services and Directory Assistance (OS/DA)

4.3.1 The rates, terms and conditions for reselling AT&T-13STATE OS/DA services are contained in Appendix OS/DA and Appendix Pricing.

4.4 Payphone Services

4.4.1 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".

4.4.2 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.

4.4.3 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 IntraLATA subscriber 8YY calls for which AT&T-13STATE provides the 8YY service to the subscriber and carries the call.

4.4.4 AT&T-13STATE will not be required to pay any Payphone Compensation for non-sent paid calls.

4.4.5 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.

4.4.6 Where the capability exists, 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. Where the capability to credit CLEC's bill does not exist, AT&T-13STATE will make payment by rendering a check.

4.4.7 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.

4.4.8 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.

4.4.9 Except as provided otherwise in this Section 4.4.9, 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.

4.4.10 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:

4.4.10.1 CLEC's failure to comply with all the terms and conditions of this Appendix; or

4.4.10.2 Use by a PSP customer of CLEC of any service other than a Payphone Line to provide pay telephone service; or

4.4.10.3 False representation by CLEC.

4.5 Suspension of Service

4.5.1 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.

4.5.2 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.

4.5.2.1 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.

4.5.2.2 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.

4.5.2.3 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.

5. USE OF AT&T BRAND

5.1 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.

6. RESPONSIBILITIES OF AT&T-13STATE

6.1 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.

6.2 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.

6.2.1 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.

6.3 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.

6.3.1 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.

6.4 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)".

6.5 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, any and all obligations established by appropriate Commission(s) and other applicable limitations.

6.6 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.

6.6.1 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.

6.6.1.1 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.

6.6.2 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.

6.7 This section applies only to AT&T CALIFORNIA:

6.7.1 Cooperation on Fraud

6.7.1.1 Traffic Alert Referral Service

6.7.1.1.1 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".

6.7.1.2 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.

6.7.1.3 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.

6.8 This section applies only to AT&T CALIFORNIA:

6.8.1 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.

7. RESPONSIBILITIES OF CLEC

7.1 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.

7.2 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.

7.2.1 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.

7.2.1.1 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.

7.3 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.

7.4 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".

7.5 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 7.5 shall not apply to new or additional lines and services purchased by the End User from multiple CLECs or from AT&T-13STATE.

7.5.1 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 7.5.2, 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 7.5.1 shall not apply to new or additional lines and services purchased by an End User from multiple CLECs or from AT&T-13STATE.

7.5.2 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.

7.6 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.

7.6.1 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.

7.7 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.

7.7.1 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.

7.8 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. Charges for Alternatively Billed Calls shall be paid by CLEC at the rated value of the call less the appropriate State discount.

7.9 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.

7.10 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.

7.10.1 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.

7.11 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.

7.12 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

INTRODUCTION....1
DEFINITIONS....2
SCOPE OF AGREEMENT....3
INTENTIONALLY LEFT BLANK....4
GENERAL PROVISIONS....5
DISCLAIMER OF WARRANTIES....6
DISPUTE RESOLUTION....7
INDEMNIFICATION....8
LIABILITIES AND LIMITATIONS OF LIABILITY....9
INSURANCE....10
ASSIGNMENT OF RIGHTS....11
TERMINATION OF AGREEMENT OR OCCUPANCY PERMITS; REMEDIES FOR BREACHES....12
FAILURE TO ENFORCE....13
CONFIDENTIALITY OF INFORMATION....14
ACCESS TO RIGHTS-OF-WAY....15
SPECIFICATIONS....16
ACCESS TO RECORDS....17
APPLICATIONS AND PRE-OCCUPANCY PERMIT SURVEYS....18
POLE, DUCT, AND CONDUIT SPACE ASSIGNMENTS....19
ISSUANCE OF OCCUPANCY PERMITS (INCLUDING MAKE-READY WORK)....20
CONSTRUCTION OF ATTACHING PARTY'S FACILITIES....21
USE AND ROUTINE MAINTENANCE OF ATTACHING PARTY'S FACILITIES....22
MODIFICATION OF ATTACHING PARTY'S FACILITIES....23
REQUIRED REARRANGEMENTS OF ATTACHING PARTY'S FACILITIES....24
EMERGENCY REPAIRS AND POLE REPLACEMENTS....25
INSPECTION BY AT&T-13STATE OF ATTACHING PARTY'S FACILITIES AND NOTICE OF NON-COMPLIANCE....26
TAGGING OF FACILITIES AND UNAUTHORIZED ATTACHMENTS....27
REMOVAL OF ATTACHING PARTY'S FACILITIES....28
RATES, FEES, CHARGES, AND BILLING....29
PERFORMANCE AND PAYMENT BONDS....30

APPENDIX FOR ACCESS TO AT&T 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.

1.2 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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin.

1.3 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-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 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 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.

1.8 AT&T-12STATE - As used herein, AT&T-12STATE means AT&T SOUTHWEST REGION 5-STATE, AT&T MIDWEST REGION 5-STATE, AT&T CONNECTICUT, and AT&T NEVADA 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 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.

1.10 AT&T SOUTHWEST REGION 5-STATE - As used herein, AT&T SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas the applicable above listed ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma and Texas.

2. DEFINITIONS

2.1 Definitions in General. As used in this Agreement, the terms defined in this article shall have the meanings set forth below in Sections 2.1 to 2.17 except as the context otherwise requires.

2.2 Authorized Contractor. As used in this Agreement the term "Authorized Contractor" is used when referring to any contractor which is included on a list of contractors mutually approved by Attaching

Party and AT&T-13STATE and who subject to Attaching Party's direction and control, and subject to the requirements and policies in each state, perform facilities modification or make-ready work which would ordinarily be performed by AT&T-13STATE or persons acting on AT&T-13STATE's behalf as more specifically detailed in Section 21.2.

2.3 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 Agreement, 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.

2.4 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 Agreement, 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.

2.5 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 Agreement, 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.

2.6 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 Agreement, 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 Agreement, 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.

2.7 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 rights-of-way space.

2.8 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.

2.9 Make-ready Work. The term "make-ready work" refers to all work performed or to be performed 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.

2.10 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 Agreement, the term "manhole" does not include cables and other telecommunications equipment located within manhole structures.

2.11 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 rights-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).

2.12 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.

2.13 Periodic Inspections. The term "periodic inspections" refers to inspections that are planned and scheduled by AT&T-13STATE, for the purpose of inspecting the facilities of CLEC's attached to AT&T-13STATE structure, (poles, conduits, and rights-of-way).

2.14 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.

2.15 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 Agreement, "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:

2.15.1 cables and other telecommunications equipment buried or located on such rights-of-way,

2.15.2 public rights-of-way (which are owned by and subject to the control of governmental entities), or

2.15.3 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.

2.16 Spot Inspections. The term "spot inspections" refers to spontaneous inspections done by AT&T-13STATE, which may be initiated, at AT&T-13STATE's discretion for the purpose of ensuring safety and compliance with AT&T-13STATE standards.

2.17 Structure. The term "Structure" refers collectively to poles, ducts, conduits and rights-of-way.

3. SCOPE OF AGREEMENT

3.1 This Agreement 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, appendix, 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 Agreement:

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 Agreement, or any occupancy permit subject to this Agreement, 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 Agreement, or any occupancy permit subject to this Agreement, 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 rights-of-way is to be conveyed or transferred.

4. INTENTIONALLY LEFT BLANK

5. GENERAL PROVISIONS

5.1 Entire Agreement. This Agreement, together with the interconnection agreement, if any, of which this Agreement 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 agreement of the parties.

5.2 Prior Agreements Superseded. This Agreement 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 Agreement, the terms and conditions of this Agreement 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 Agreement, any obligations of either party under provisions of this Agreement relating to confidential and proprietary information, indemnification, limitations of liability, and any other provisions of this Agreement which, by their terms, are contemplated to survive (or be performed after) termination of this Agreement, will survive the termination of this Agreement.

5.5 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 Agreement, be subject to the rates, terms, conditions, and procedures set forth in this Agreement.

5.6 The parties shall at all times observe and comply with, and the provisions of this Agreement 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

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 The parties agree that the dispute resolution provisions of the General Terms and Conditions of the Interconnection Agreement shall apply to disputes under this agreement.

8. INDEMNIFICATION

8.1 The parties agree that the indemnity provisions of the General Terms and Conditions of the Interconnection Agreement shall apply in addition to the additional indemnity language below: in Section 8.2-8.5.

8.2 Indemnification for Environmental Claims.

8.2.1 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

8.2.1.1 any federal, state, or local environmental statute, rule, regulation, ordinance, or other law or

8.2.1.2 any provision or requirement of this Agreement dealing with hazardous substances or protection of the environment.

8.2.2 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 rights-of-way.

8.2.3 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 they 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 rights-of-way.

8.2.4 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 statute, rule, regulation, ordinance, or other law.

8.3 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 Agreement and based on either:

8.3.1 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

8.3.2 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.

8.4 Attaching Party's General Indemnity Obligations to AT&T-13STATE. This section applies only in those situations not expressly covered by Sections 8.3-8.10 and does not apply to any Claims resulting from Attaching Party's enforcement of its rights against AT&T-13STATE pursuant to this Agreement or other provisions in the parties' interconnection agreement, if any. Except as otherwise expressly provided in this Agreement 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 Agreement, 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.

8.5 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 Agreement or other provisions in the parties' interconnection agreement, if any. Except as otherwise expressly provided in this Agreement 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 Agreement, 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 The parties agree that the Liabilities and limitations provisions of the General Terms and Conditions of the Interconnection Agreement shall apply under this agreement.

10. INSURANCE

10.1 The parties agree that the insurance provisions of the General Terms and Conditions of the Interconnection Agreement shall apply under this agreement.

11. ASSIGNMENT OF RIGHTS

11.1 Assignment Permitted. Neither party may assign, or otherwise transfer its rights or obligations, under this Agreement 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 Agreement, 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.

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 agreement 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 in order to ensure that pole loadings are not exceeded.

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 (e.g. the application fees and all make ready fees, etc.).

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 Agreement, subject to the express terms of this Agreement. 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 Agreement shall assume all outstanding obligations of Attaching Party under the agreement and provide proof satisfactory to AT&T-13STATE that such lender or third party has complied or will comply with all requirements established under this Agreement. Notwithstanding any provisions of this Agreement 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 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.

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 Agreement 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 Agreement and all occupancy permits subject to this Agreement 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 or ceases 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 rights-of-way.

12.2 Individual occupancy permits subject to this Agreement shall terminate if (a) Attaching Party ceases to utilize the pole attachment or conduit or rights-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.

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 Agreement 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 Agreement 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 Agreement 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 Agreement. In any action based on an alleged breach of this Agreement, the prevailing party shall be entitled to recover all costs and expenses incurred by such party, including but not limited to reasonable attorneys' 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 Agreement, to give notice of any breach, or to terminate this Agreement or any occupancy permit or authorization subject to this Agreement shall not constitute a waiver or relinquishment of any term or condition of this Agreement, a waiver or relinquishment of the right to give notice of breach, or waiver or relinquishment of any right to terminate this Agreement.

14. CONFIDENTIALITY OF INFORMATION

14.1 Information Provided by Attaching Party to AT&T-13STATE. Except as otherwise specifically provided in this Agreement, all company-specific and customer-specific information submitted by Attaching Party to AT&T-13STATE in connection with this Agreement (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 Agreement 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 Agreement 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, at AT&T-13STATE's option:

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;

14.4.2 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 rights-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, rights-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, rights-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 rights-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 rights-of-way, plus any other documented legal, administrative, and engineering costs incurred by AT&T-13STATE in obtaining the rights-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 Agreement and the Administrative Guide.

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 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 must notify AT&T-13STATE when Attaching Party has completed such work in the conduit system. If AT&T-13STATE has not had the opportunity to complete the review, AT&T-13STATE will attempt to meet with Attaching Party's contractors to finalize the review. If AT&T-13STATE is not available when Attaching Party notifies AT&T-13STATE of their notice of completion then AT&T-13STATE will perform a post-construction inspection as described in section 26.1. Attaching Party shall reimburse AT&T-13STATE for costs associated with the presence of AT&T-13STATE's authorized employee or representative.

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 Attaching Party.

17.6 AT&T-13STATE will:

17.6.1 Within five (5) business days after attaching party submits Billing Authorization to AT&T-13STATE, AT&T-13STATE will notify attaching party of the place and time that attaching party may view the Structure Records.

17.6.2 The viewing room must be reserved for a minimum of two (2) hours. Attaching Party may request additional time prior to the viewing date. AT&T-13STATE may not be able to provide attaching party with unscheduled additional time for viewing AT&T-13STATE Structure Records on the viewing date, but if unable will immediately make alternative arrangements that are mutually acceptable for the viewing of records as soon thereafter as possible.

17.6.3 AT&T-13STATE may make available at the Attaching Party's expense, an AT&T-13STATE representative with sufficient knowledge about AT&T-13STATE Structure Records to clarify matters relating to such Structure Records and to assist Attaching Party during their viewing.

17.7 Charges associated with map preparation, viewing and assistance will be on a Time and Material basis as set forth in the following Applicable Tariffs:

17.7.1 AT&T MIDWEST REGION 5-STATE - FCC No. 2 Access Services Tariff, Section 13.1.1

17.7.2 AT&T SOUTHWEST REGION 5-STATE - FCC No. 73, Access Services Tariff, Section 13.4.2(B)

17.7.3 AT&T-2STATE - FCC No. 1 Access Services Tariff, Section 13.1.1

17.7.4 AT&T CONNECTICUT - FCC No. 2 Access Services Tariff, Section 13.1.1

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 Agreement, 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. In addition, Attaching Party shall also:

18.2.1 submit payment for the estimate authorizing AT&T-13STATE or its contractor to complete the make-ready survey; or

18.2.2 advise AT&T-13STATE of its willingness to perform the proposed make-ready work itself or an Authorized Contractor if permissible in the application area.

18.2.3 confirm that Attaching Party has calculated storm loadings, guying, or pole class to ensure pole loadings are not exceeded and indicate if additional holding or loading capacity is required.

18.2.4 provide sufficient information to identify and describe the physical characteristics (size, dimensions, and weight) of apparatus enclosures and other facilities to be attached to AT&T-13STATE's poles or placed in AT&T-13STATE's conduit system.

18.3 Make-Ready Survey. A Make-Ready survey must be completed by AT&T-13STATE or, subject to the requirements and policies in each state, the Attaching Party 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;

18.3.3 estimate the costs associated with such facilities modification, capacity expansion, or make-ready work; and

18.3.4 identify the owner of the pole.

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 Agreement. 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 underapplicable 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-12STATE, the pole, duct, and conduit space selected and/or approved by AT&T-12STATE 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-CALIFORNIA 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 CONNECTICUT will make available on request municipal gain space in accordance with Connecticut State Statute 16-233.

19.2.5 AT&T CALIFORNIA: Space assignment is 9 months in California.

19.2.6 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, except AT&T CONNECTICUT, which response time will be on a first come, first serve basis. 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.

20.3.2.1 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.

20.4 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.

20.5 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 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.

20.6 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 Attaching Party on a pro-rata basis for the Attaching Party's share, if any, of AT&T-13STATE's capacity creation costs.

20.7 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.

20.8 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.

20.9 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 Responsibilities of Attaching Party. Attaching Party is responsible for the Authorized Contractors or contractors it selects.

21.2.1 As used in this Agreement, the term "Authorized Contractor" does not refer to contractors performing routine installation, maintenance, or repair work on Attaching Party's behalf or other contractors who may be selected by Attaching Party to perform work on Attaching Party's behalf without AT&T-13STATE's approval.

21.2.2 Subject to state specific requirements, Authorized Contractors have received certification from AT&T-13STATE to perform one or more of the following tasks within a specified AT&T-13STATE construction district, as applicable:

(a) installation of those sections of Attaching Party's ducts or facilities which connect to AT&T-13STATE's conduit system;

(b) installation of inner duct;

(c) excavation work in connection with the removal of retired or inactive (dead) cables; or

(d) Make-Ready work.

21.2.3 A person or entity approved as an Authorized Contractor is only an Authorized Contractor with respect to those tasks for which such person or entity has been approved by both parties and is an Authorized Contractor only in those AT&T-13STATE construction districts agreed to by both parties.

21.2.4 Designation of an Authorized Contractor for a specific category of tasks shall not be deemed to be the designation of such person or entity as an Authorized Contractor for other purposes, nor shall approval of an Authorized Contractor by one AT&T-13STATE's construction district constitute approval of such Authorized Contractor for the area served by a different AT&T-13STATE construction district; provided, however, that if a specific construction job extends beyond the boundaries of a single construction district, an Authorized Contractor shall, for the purposes of that job, be deemed to have been approved by all AT&T-13STATE construction districts in which the work is to be performed.

21.3 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.

22.2 Short-term Use of Maintenance Ducts for Repair and Maintenance Activities. Maintenance ducts shall be available, 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 Agreement 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 25.3, 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 Attaching Party occupies the maintenance ducts. If Attaching Party fails to vacate the maintenance duct as described above, AT&T-13STATE may install a maintenance conduit at the Attaching Party's expense.

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 at the Attaching Party's expense.

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-13STATE OF ATTACHING PARTY'S FACILITIES AND NOTICE OF NON-COMPLIANCE

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.

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. Periodic 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 Agreement, 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 Agreement, 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 Agreement, 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. If the violation creates a hazardous condition, facilities must be brought into compliance upon notification.

26.5 Notice of Noncompliance. If, at any time, AT&T-13STATE determines that Attaching Party's facilities or any part thereof have not been placed or maintained or are not being used in accordance with the requirements of this Agreement, AT&T-13STATE may send written notice to Attaching Party specifying the alleged noncompliance. Attaching Party agrees to acknowledge receipt of the notice as soon as practicable. If Attaching Party does not dispute AT&T-13STATE's assertion that such facilities are not in compliance, Attaching Party agrees to provide AT&T-13STATE with a schedule for bringing such facilities into compliance, to bring the facilities into compliance within a reasonable time, and to notify AT&T-13STATE in writing when the facilities have been brought into compliance.

26.6 Disputes over Alleged Noncompliance. If Attaching Party disputes AT&T-13STATE's assertion that Attaching Party's facilities are not in compliance, Attaching Party shall notify AT&T-13STATE in writing of the basis for Attaching Party's assertion that its facilities are in compliance.

26.7 Failure to Bring Facilities into Compliance. If Attaching Party has not brought the facilities into compliance within a reasonable time or provided AT&T-13STATE with proof sufficient to persuade AT&T-13STATE that AT&T-13STATE erred in asserting that the facilities were not in compliance, and if AT&T-13STATE determines in good faith that the alleged noncompliance causes or is likely to cause material damage to AT&T-13STATE's facilities or those of other users, AT&T-13STATE may, at its

option and Attaching Party's expense, take such non-service affecting steps as may be required to bring Attaching Party's facilities into compliance, including but not limited to correcting any conditions which do not meet the specifications of this Agreement.

26.8 Correction of Conditions by AT&T-13STATE. If AT&T-13STATE elects to bring Attaching Party's facilities into compliance, the provisions of this Section shall apply.

26.8.1 AT&T-13STATE will, whenever practicable, notify Licensee in writing before performing such work. The written notice shall describe the nature of the work to be performed and AT&T-13STATE's schedule for performing the work.

26.8.2 If Attaching Party's facilities have become detached or partially detached from supporting racks or wall supports located within a AT&T-13STATE manhole, AT&T-13STATE may, at Attaching Party's expense, reattach them but shall not be obligated to do so. If AT&T-13STATE does not reattach Attaching Party's facilities, AT&T-13STATE shall endeavor to arrange with Attaching Party for the reattachment of any facilities affected.

26.8.3 AT&T-13STATE shall, as soon as practicable after performing the work, advise Attaching Party in writing of the work performed or action taken. Upon receiving such notice, Attaching Party shall inspect the facilities and take such steps as Attaching Party may deem necessary to insure that the facilities meet Attaching Party's performance requirements.

26.9 Attaching Party to Bear Expenses. Attaching Party shall bear all expenses arising out of or in connection with any work performed to bring Attaching Party's facilities into compliance with this Section; provided, however that nothing contained in this Section or any license issued hereunder shall be construed as requiring Attaching Party to bear any expenses which, under applicable federal or state laws or regulations, must be borne by persons or entities other than Attaching Party.

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 Agreement, and without prejudice to any rights or remedies which may exist independent of this 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 Agreement.

27.4 Attaching Party's Response. Within 60 days after receiving a notice under Section 27.5 of this Agreement, 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 Agreement. 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 Agreement 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. Such fees and charges shall be due and payable 30 days after the date of the bill or invoice stating such fees and charges. In addition, the Attaching Party shall be liable for an unauthorized attachment and/or occupancy fee as specified in Section 29 of this Agreement. Payment of such fees shall be deemed liquidated damages and not a penalty. In addition, 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.

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 Unpermited 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, nor shall the payment by Attaching Party of fees and charges for unauthorized pole attachments or conduit occupancy exonerate Attaching Party from liability for any trespass or other illegal or wrongful conduct in connection with the placement or use of such unauthorized facilities.

28. REMOVAL OF ATTACHING PARTY'S FACILITIES

28.1 When Applicant no longer intends to occupy space on an 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 30 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 30 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 30 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 Agreement, 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 30 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 Agreement will be set forth in Exhibit I of this Appendix. 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 Agreement. 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 Agreement, (2) terminate this Agreement, 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 arising out of or in connection with this Agreement.

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, materialmen and other persons or entities performing work or providing materials in connection with Attaching Party's performance under this Agreement. In the event any lien, claim or demand is made on AT&T-13STATE by any such employee, contractor, subcontractor, mechanic, materialman, 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 Agreement, 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.

APPENDIX LAWFUL UNES
(LAWFUL PROVISION OF ACCESS TO UNBUNDLED NETWORK ELEMENTS)

TABLE OF CONTENTS

INTRODUCTION....1
TERMS AND CONDITIONS....2
ACCESS TO LAWFUL UNE CONNECTION METHODS....3
INTENTIONALLY LEFT BLANK....4
INTENTIONALLY LEFT BLANK....5
BONA FIDE REQUEST....6
NETWORK INTERFACE DEVICE....7
LAWFUL UNE LOCAL LOOP....8
LAWFUL UNE SUBLOOPS....9
ENGINEERING CONTROLLED SPLICE (ECS)....10
RESERVED FOR FUTURE USE....11
RESERVED FOR FUTURE USE....12
DS1 AND DS3 DEDICATED TRANSPORT....13
DARK FIBER DEDICATED TRANSPORT....14
RESERVED FOR FUTURE USE....15
911 OR E911 DATABASE....16
OPERATIONS SUPPORT SYSTEMS FUNCTIONS....17
CROSS CONNECTS....18
PROVISIONING/MAINTENANCE OF LAWFUL UNES....19
RESERVATION OF RIGHTS....20

APPENDIX LAWFUL UNEs
(LAWFUL PROVISION OF ACCESS TO UNBUNDLED NETWORK ELEMENTS)

1. INTRODUCTION

1.1 This Appendix Lawful UNEs sets forth the terms and conditions pursuant to which the applicable AT&T Inc. (AT&T)-owned Incumbent Local Exchange Carrier (ILEC) will furnish CLEC with access to lawful unbundled network elements as specifically defined in this Appendix Lawful UNEs for the provision by CLEC of a Telecommunications Service ((Act, Section 251(c)(3)). For information regarding deposit, billing, payment, non-payment, disconnect, and dispute resolution, see the General Terms and Conditions of 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 d/b/a AT&T Connecticut, Southwestern Bell Telephone Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin.

1.3 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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, and AT&T Oklahoma the applicable AT&T-owned ILEC(s) doing business in Arkansas, Kansas, Missouri and Oklahoma.

1.5 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 Company 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 Company 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 Company 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 Company 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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas the applicable above listed ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma and Texas.

1.23 AT&T TEXAS - As used herein, AT&T TEXAS means Southwestern Bell Telephone Company d/b/a AT&T Texas, the applicable AT&T-owned ILEC doing business in Texas.

1.24 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 Lawful UNEs and Declassification. 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 Section 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 "Lawful UNEs."

2.1.1 A network element, including a network element referred to as a Lawful UNE under this Agreement, will cease to be a Lawful 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 Lawful UNE that has ceased to be a Lawful UNE may also be referred to as "Declassified."

2.1.2 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; or (b) 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 (c) 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). By way of example only, a network element can cease to be a Lawful UNE or be Declassified generally, or on an element-specific, route-specific or geographically-specific basis or on a class of elements basis. Under any scenario, Section 2.5 "Transition Procedure" shall apply.

2.1.3 It is the Parties' intent that only Lawful UNEs shall be available under this Agreement; accordingly, if this Agreement requires or appears to require Lawful UNE(s) or unbundling without specifically noting that the UNE(s) or unbundling must be "Lawful," the reference shall be deemed to be a reference to Lawful UNE(s) or Lawful unbundling, as defined in this Section 2.1. If an element is not required to be provided under this Appendix Lawful UNE and/or not described in this Appendix Lawful 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.

2.1.4 By way of example only, if terms and conditions of this Agreement state that AT&T-13STATE is required to provide a Lawful UNE or Lawful UNE combination, and that Lawful UNE or the involved Lawful UNE (if a combination) is Declassified or otherwise no longer constitutes a Lawful 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.

2.2 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 Lawful UNE is a network element or UNE under Section 251(c)(3) of the Act, as determined by lawful and effective FCC rules and associated lawful and 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 (Lawful or otherwise), or commingled with other network elements, UNEs (Lawful or otherwise) or other services or facilities.

2.3 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 Lawful UNEs, or where Lawful UNEs are not requested for permissible purposes.

2.4 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 Lawful UNE in this Agreement is Declassified or is otherwise no longer a Lawful UNE, then the Transition Procedure defined in Section 2.5, below, shall govern.

2.5 Non-Impaired Wire Center Criteria and Related Processes

2.5.1 AT&T-13STATE has designated and posted to CLEC Online the wire centers where it contends the thresholds for DS1 and DS3 Unbundled High-Capacity Loops as defined pursuant to Rule

51.319(a)(4) and Rule 51.319(a)(5) and for Tier 1 and Tier 2 Non-Impaired Wire Centers as defined pursuant to Rule 51.319(e)(3)(i) and Rule 51.319(e)(3)(ii) have been met. AT&T-13STATE's designations shall be treated as controlling (even if CLEC believes the list is inaccurate) for purposes of transition and ordering unless CLEC provides a self-certification as outlined below. Until CLEC provides a self-certification for High-Capacity Loops and/or Transport for such wire center designations, CLEC will not submit High Capacity Loop and/or Transport orders based on the wire center designation, and if no self-certification is provided will transition its Embedded Base of DS1 and DS3 Loop and Transport arrangements affected by the designation by disconnecting or transitioning to an alternate facility or arrangement, if available, by March 11, 2006. CLEC will transition any affected Dark Fiber Transport arrangements affected by the wire center designations by disconnecting or transitioning to an alternate facility or arrangement, if available, by September 11, 2006. AT&T-13STATE will update the CLEC Online posted list and will advise CLECs of such posting via Accessible Letter, which term for the purposes of this Section 2.5 of this Agreement shall be deemed to mean an Accessible Letter issued after the effective date of this Agreement, as set forth in this Section 2.5 of this Agreement.

2.5.2 If the Commission has not previously determined, in any proceeding, that a wire center is properly designated as a wire center meeting the thresholds set forth pursuant to Rule 51.319(a)(4), Rule 51.319(a)(5), Rule 51.319(e)(3)(i) and Rule 51.319(e)(3)(ii), then, prior to submitting an order for an unbundled a DS1/DS3 High-Capacity Loop, DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport arrangement, CLEC shall perform a reasonably diligent inquiry to determine that, to the best of CLEC's knowledge, whether the wire center meets the non-impairment thresholds as set forth pursuant to Rule 51.319(a)(4), Rule 51.319(a)(5), Rule 51.319(e)(3)(i) and Rule 51.319(e)(3)(ii). If, based on its reasonably diligent inquiry, the CLEC disputes the AT&T-13STATE wire center non-impairment designation, the CLEC will provide a self-certification to AT&T-13STATE identifying the wire center(s) for which it is self-certifying. In performing its inquiry, CLEC shall not be required to consider any lists of non-impaired Wire Centers compiled by AT&T-13STATE as creating a presumption that a Wire Center is not impaired. CLEC can send a letter to AT&T-13STATE claiming Self Certification or CLEC may elect to self-certify using a written or electronic notification sent to AT&T-13STATE. If CLEC makes such a self-certification, and CLEC is otherwise entitled to the ordered element under the Agreement, AT&T-13STATE shall provision the requested facilities in accordance with CLEC's order and within AT&T-13STATE's standard ordering interval applicable to such facilities. If AT&T-13STATE in error rejects CLEC orders, where CLEC has provided self certification in accordance with this Section 2.5 of this Agreement, AT&T-13STATE will modify its systems to accept such orders within 5 business hours of CLEC notification to its account manager. CLEC may not submit a self-certification for a wire center after the transition period for the DS1/DS3 Loops and/or DS1/DS3 Dedicated Transport and/or Dark Fiber Dedicated Transport impacted by the designation of the wire center has passed.

2.5.3 The parties recognize that wire centers that AT&T-13STATE had not designated as meeting the FCC's non-impairment thresholds as of March 11, 2005, may meet those thresholds in the future. In the event that a wire center that is not currently designated as meeting one or more of the FCC's non-impairment thresholds, meets one or more of these thresholds at a later date, AT&T-13STATE may add the wire center to the list of designated wire centers and the Parties will use the following process:

2.5.3.1 AT&T-13STATE may update the wire center list as changes occur.

2.5.3.2 To designate a wire center that had previously not met one or more of the FCC's impairment thresholds but subsequently does so, AT&T-13STATE will provide notification to CLEC via Accessible Letter and by a posting on CLEC Online.

2.5.3.3 AT&T-13STATE will continue to accept CLEC orders for impacted DS1/DS3 High Capacity Loops, DS1/DS3 Dedicated Transport and/or Dark Fiber Dedicated Transport without requiring CLEC self-certification for 30 calendar days after the date the Accessible Letter is issued.

2.5.3.4 In the event the CLEC disagrees with AT&T-13STATE's determination and CLEC has 60 calendar days from the issuance of the Accessible Letter to dispute AT&T-13STATE's determination regarding the wire center by providing a self-certification to AT&T-13STATE.

2.5.3.5 If the CLEC does not use the self-certification process described in this Section 2.5 of this Agreement to self-certify against AT&T-13STATE's wire center designation within 60 calendar days of the issuance of the Accessible Letter, the parties must comply with the Applicable Transitional Period as follows: transition all circuits that have been declassified by the wire center designation(s) within 30 days ending on the 90th day after the issuance of the Accessible Letter providing the wire center designation of non-impairment or the end of the applicable transition period described in Section 2.5.1 of this Agreement, whichever is later For the Applicable Transitional Period, no additional notification will be required. CLEC may not obtain new DS1/DS3 High Capacity Loops, DS1/DS3 Dedicated Transport and/or Dark Fiber Dedicated Transport in wire centers and/or routes where such circuits have been declassified during the applicable transition period.

2.5.3.6 If the CLEC does provide self-certification to dispute AT&T-13STATE's designation determination within 60 calendar days of the issuance of the Accessible Letter, AT&T-13STATE may dispute CLEC's self-certification as described in Sections 2.5.5 and 2.5.6 of this Agreement and AT&T-13STATE will accept and provision the applicable loop and transport orders for the CLEC providing the self certification during a dispute resolution process.

2.5.3.7 During the applicable transition period, the rates paid will be the rates in effect at the time of the non-impairment designations plus 15%.

2.5.4 If the Commission has previously determined, in any proceeding, that a wire center is properly designated as a wire center meeting the thresholds set forth pursuant to Rule 51.319(a)(4), Rule 51.319(a)(5), Rule 51.319(e)(3)(i) and Rule 51.319(e)(3)(ii), then CLEC shall not request DS1/DS3 High-Capacity Loops, DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport arrangements declassified by the non-impairment status of the wire center in such wire center. If a CLEC withdraws its self-certification after a dispute has been filed with the Commission, but before the Commission has made a determination regarding the wire center designation, the wire center designation(s) that were the subject of the dispute will be treated as though the Commission approved AT&T-13STATE's designations.

2.5.5 If it desires to do so, AT&T-13STATE can dispute the self-certification and associated CLEC orders for facilities pursuant to the following procedures: AT&T-13STATE will notify the CLEC of its intent to dispute the CLEC's self-certification within 30 days of the CLEC's self-certification or within 30 days of the effective date of this Agreement, whichever is later. AT&T-13STATE will file the dispute for resolution with the state Commission within 60 days of the CLEC's self-certification or within 60 days of the effective date of this Agreement, whichever is later. AT&T-13STATE will notify CLECs of the filing of such a dispute via Accessible Letter. If the self-certification dispute is filed with the state Commission for resolution, the Parties will not oppose requests for intervention by other CLECs if such request is related to the disputed wire center designation(s). The parties agree to urge the state Commission to adopt a case schedule resulting in the prompt resolution of the dispute. AT&T-13STATE's failure to file a timely challenge, i.e., within 60 days of the CLEC's self-certification or within 60 days of the effective date of this Agreement, whichever is later, to any CLEC's self certification for a given wire center shall be deemed a waiver by AT&T-13STATE of its rights to challenge any subsequent self certification for the affected wire center except as provided below. AT&T-13STATE shall promptly notify CLEC of any time where AT&T-13STATE has waived its ability to challenge a self-certification as to any wire center for carrier. AT&T-13STATE may challenge future CLEC self-certifications pertaining to the wire center if the underlying facts pertaining to the designation of non-impairment have changed, in which case the Parties will follow the provisions for updating the wire center list outlined in Section 2.5.3 of this Agreement. During

the timeframe of any dispute resolution proceeding, AT&T-13STATE shall continue to provide the High-Capacity Loop or Transport facility in question to CLEC at the rates in the Pricing Appendix to the Agreement. If the CLEC withdraws its self-certification, or if the state Commission determines through arbitration or otherwise that CLEC was not entitled to the provisioned DS1/DS3 Loops or DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport under Section 251, the rates paid by CLEC for the affected loop or transport shall be subject to true-up as follows:

2.5.5.1 For wire centers designated by AT&T-13STATE prior to March 11, 2005 and

2.5.5.1.1 For the affected loop/transport element(s) installed prior to March 11, 2005,

2.5.5.1.1.1 CLEC will provide a true-up calculated using a beginning date of March 11, 2005 based on the FCC transitional rate described in Section 2.5.3.7 of this Appendix or if applicable, Section 1.2 of the Embedded Base Rider to this Agreement between March 11, 2005 and the end of the initial TRRO transition period described in Section 2.5.1. If affected loops/transport element(s) remain in place after the end of the initial TRRO transition period, CLEC will also provide a true-up for the period after the end of initial TRRO transition period calculated using the equivalent special access rates during the period between the end of the initial transition period and the date the circuit is actually transitioned. If no equivalent special access rate exists, a true-up will be determined using the transitional rate described in Section 2.5.3.7 of this Appendix or if applicable, Section 1.2 of the Embedded Base Rider of this Agreement. The applicable equivalent special access rate/transitional rate as described above will continue to apply until the facility has been transitioned.

2.5.5.1.2 For the affected loop/transport element(s) installed after March 11, 2005, CLEC will provide a true-up to an equivalent special access rate as of the later of the date billing began for the provisioned element or thirty days after AT&T-13STATE's notice of non-impairment. If no equivalent special access rate exists, a true-up will be determined using the transitional rate described in Section 2.5.3.7 of this Appendix or if applicable, Section 1.2 of the Embedded Base Rider of this Agreement. The applicable equivalent special access rate/transitional rate will continue to apply until the facility has been transitioned.

2.5.5.2 For wire centers designated by AT&T-13STATE after March 11, 2005,

2.5.5.2.1 For affected loop/transport elements ordered before AT&T-13STATE's wire center designation,

2.5.5.2.1.1 if the applicable transition period is within the initial *TRRO* transition period described in Section 2.5.1 of this Agreement, CLEC will provide a true-up during the period between the date that is thirty (30) days after AT&T-13STATE's notice of non-impairment and the date the circuit is transitioned to the transitional rate described in Section 2.5.3.7 of this Agreement.

2.5.5.2.1.2 if the applicable transition period is after the initial TRRO transition period described in Section 2.5.1 of this Agreement has expired, CLEC will provide a true-up based on the transitional rate described in Section 2.5.3.7 of this Agreement between the date that is thirty (30) days after AT&T-13STATE's notice of non-impairment and the end of the applicable transition period described in Section 2.5.1

and the equivalent special access rates during the period between the end of the initial transition period and the date the circuit is actually transitioned. If no equivalent special access rate exists, a true-up will be determined using the transitional rate described in Section 2.5.3.7 of this Agreement. The applicable equivalent special access/transitional rate as described above will continue to apply until the facility has been transitioned.

2.5.5.2.2 For affected loop/transport elements ordered after AT&T-13STATE's wire center designation, CLEC will provide a true-up for the affected loop/transport element(s) to an equivalent special access rate for the affected loop/transport element(s) as of the later of the date billing began for the provisioned element or thirty (30) days after AT&T-13STATE's notice of non-impairment. If no equivalent special access rate exists, a true-up will be determined using the transitional rate described in Section 2.5.3.7 of this Agreement. The applicable equivalent special access/transitional rate will continue to apply until the facility has been transitioned.

2.5.6 In the event of a dispute following CLEC's Self-Certification, upon request by the Commission or CLEC, AT&T-13STATE will make available, subject to the appropriate state or federal protective order, and other reasonable safeguards, all documentation and all data upon which AT&T-13STATE intends to rely, which will include the detailed business line information for the AT&T-13STATE wire center or centers that are the subject of the dispute.

2.5.7 The provisions of Section 2.5.1 of this Agreement shall apply to the transition of DS1/DS3 High-Capacity Loops, DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport arrangements impacted by wire center designation(s). As outlined in Section 2.5.1 of this Agreement, requested transitions of DS1/DS3 High Capacity loops, DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport arrangements shall be performed in a manner that reasonably minimizes the disruption or degradation to CLEC's customer's service, and all applicable charges shall apply. Cross-connects provided by AT&T-13STATE in conjunction with such Loops and/or Transport shall be billed at applicable wholesale rates (*e.g.*, prior to transition, cross connects will be billed at transitional rates, after transition, if conversion is to an access product, cross connects will be billed at applicable access rates). Cross-connects that are not associated with such transitioned DS1/DS3 High-Capacity Loops, DS1/DS3 Dedicated Transport or Dark Fiber Dedicated Transport arrangements shall not be re-priced.

2.5.8 AT&T-13STATE will process CLEC orders for DS1/DS3 High Capacity Loops, DS1/DS3 Dedicated Transport, or Dark Fiber Transport conversion or disconnection. AT&T-13STATE will not convert or disconnect these services prior to the end of the applicable transitional period unless specifically requested by the CLEC; however, CLEC is responsible for ensuring that it submits timely orders in order to complete the transition by the end of applicable transitional period in an orderly manner.

2.5.9 A building that is served by both an impaired wire center and a non impaired wire center and that is not located in the serving area for the non-impaired wire center will continue to have Affected Elements available from the impaired wire center and support incremental moves, adds, and changes otherwise permitted by the Agreement, as amended.

2.5.10 CLEC may not self-certify that it is entitled to obtain DS1/DS3 Loops or DS1/DS3 Dedicated Transport at a location where CLEC has met the volume cap set forth in Sections 8.3.4.4.1 and 8.3.5.4.1 (for DS1/DS3 Loops) and 13.3.5.1 and 13.3.6.1 (for DS1/DS3 Dedicated Transport).

2.5.11 Notwithstanding anything to the contrary in the Agreement, including any amendments to this Agreement, at the end of the Applicable Transitional Period, unless CLEC has submitted a disconnect/discontinuance LSR or ASR, as applicable, under Section 2.5.1 of this Agreement, and if CLEC and AT&T-13STATE have failed to reach agreement under Section 2.5.8 of this Agreement as to a substitute service arrangement or element, then AT&T-13STATE may, at its sole option, disconnect dark fiber 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 at rates applicable to such analogous service or arrangement.

2.6 AT&T-13STATE will provide access to Lawful UNEs for the provision by CLEC of a Telecommunications Service. (Act, Section 251(c)(3).

2.7 AT&T-13STATE will provide CLEC nondiscriminatory access to Lawful UNEs (Act, Section 251(c)(3), Act, 47 CFR § 51.307(a)):

2.7.1 At any technically feasible point (Act, Section 251(c)(3); 47 CFR § 51.307(a));

2.7.2 At the rates, terms, and conditions which are just, reasonable, and nondiscriminatory (Act, Section 251(c)(3); 47 CFR § 51.307(a));

2.7.3 In a manner that allows CLEC to provide a Telecommunications Service that may be offered by means of that Lawful UNE (Act, Section 251(c)(3); 47 CFR § 51.307 (c));

2.7.4 In a manner that allows access to the facility or functionality of a requested Lawful UNE to be provided separately from access to other elements, and for a separate charge (47 CFR § 51.307(d));

2.7.5 With technical information regarding AT&T-13STATE's network facilities to enable CLEC to achieve access to Lawful UNEs (47 CFR § 51.307(e));

2.7.6 Except as provided in this Appendix, without imposing limitations, restrictions, or requirements on requests for, or the use of, Lawful UNEs for the service CLEC seeks to offer (47 CFR § 51.309(a));

2.7.7 Where applicable, terms and conditions of access to Lawful 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));

2.7.8 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));

2.7.9 Except upon request of CLEC, AT&T-13STATE shall not separate CLEC-requested Lawful UNEs that are currently combined. (47 CFR § 51.315(b)) AT&T-13STATE is not prohibited from or otherwise limited in separating any Lawful UNEs not requested by CLEC or a Telecommunications Carrier, including without limitation in order to provide a Lawful UNE(s) or other AT&T-13STATE offering(s).

2.8 As provided for herein, AT&T-13STATE will permit CLEC exclusive use of a Lawful 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)).

2.9 AT&T-13STATE will maintain, repair, or replace Lawful UNEs (47 CFR § 51.309(c)) as provided for in this Agreement.

2.10 To the extent technically feasible, the quality of the Lawful UNE and access to such Lawful UNE shall be at least equal to what AT&T-13STATE provides other telecommunications carriers requesting access to the Lawful UNE (47 CFR § 51.311(a), (b)).

2.11 Each Party shall be solely responsible for the services it provides to its End Users and to other Telecommunications Carriers.

2.12 Lawful UNEs provided to CLEC under the provisions of this Appendix shall remain the property of AT&T-13STATE.

2.13 Performance of Lawful UNEs

2.13.1 Each Lawful 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.

2.13.2 Nothing in this Appendix shall limit either Party's ability to upgrade its network through the incorporation of new equipment, new software or otherwise or to otherwise change and/or modify its network including, without limitation, through the retirement and/or replacement of equipment, software or otherwise. Each Party agrees to comply with the Network Disclosure rules adopted by the FCC in CC Docket No. 96-98, Second Report and Order, codified at 47 C.F.R. 51.325 through 51.335, as such rules maybe amended from time to time (the "Network Disclosure Rules"). AT&T-13STATE will not discontinue any Lawful UNE that AT&T-13STATE is required to provide to CLEC under this Agreement unless and until:(i) AT&T-13STATE provides requisite notice of the planned network change and/or modification in accordance with the Network Disclosure Rules (when applicable) and no objection is made to AT&T-13STATE's proposed network modification(s) and/or change(s) or any objection(s) is denied or deemed denied under such Rules; or(ii)if and when applicable, following AT&T-13STATE's exercise of its rights under applicable law and/or this Agreement including, without limitation, the intervening law/change in law provisions in this Agreement; or (iii)to the extent otherwise permitted in this Agreement.

2.13.3 AT&T-13STATE may elect to conduct upgrades or conversions for the improvement of its network or systems. During such upgrades or conversions, CLEC orders for Lawful UNEs from affected wire center(s) may be suspended for a period of a few days prior and one day after the upgrade or conversion date, consistent with the suspension AT&T-13STATE places on itself for orders from its End Users and other CLEC customers.

2.13.4 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.

2.14 Conditions for Access to Lawful UNEs

2.14.1 In order to access and use Lawful UNEs, CLEC must be a Telecommunications Carrier (Section 251(c)(3), and must use the Lawful UNE(s) for the provision of a Telecommunications Service (Section 251(c)(3)) as permitted by the FCC. Together, these conditions are the "Statutory Conditions" for access to Lawful 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.

2.14.1.1 By way of example, use of a Lawful UNE (whether on a stand-alone basis, in combination with other UNEs (Lawful or otherwise), with a network element possessed by CLEC, or otherwise) to provide service to CLEC or for other administrative purpose(s) does not constitute using a Lawful UNE pursuant to the Statutory Conditions.

2.14.1.2 By way of further example, CLEC may not access Lawful UNEs for the exclusive provision of mobile wireless services, or long distance services or interexchange services (telecommunications service between different stations in different exchange areas).

2.14.2 Other conditions to accessing and using any Lawful UNE (whether on a stand-alone basis, in combination with other Lawful UNEs, with a network element possessed by CLEC, or otherwise) may be applicable under lawful and effective FCC rules and associated lawful and effective FCC and judicial orders and will also apply.

2.15 New Combinations Involving Lawful UNEs

2.15.1 Subject to the provisions hereof and upon CLEC request, AT&T-13STATE shall meet its combining obligations involving Lawful 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.

2.15.1.1 Any combining obligation is limited solely to combining of Lawful UNEs; accordingly, no other facilities, services or functionalities are subject to combining, including but not limited to facilities, services or functionalities that AT&T-13STATE might offer pursuant to Section 271 of the Act.

2.15.2 In the event that AT&T-13STATE denies a request to perform the functions necessary to combine Lawful UNEs or to perform the functions necessary to combine Lawful UNEs with elements possessed by CLEC, AT&T-13STATE shall provide written notice to CLEC of such denial and the basis thereof. 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 2.15 of this Appendix.

2.15.3 In accordance with and subject to the provisions of this Section 2.15, including Section 2.15.3.2 and 2.15.5, the new Lawful UNE combinations, if any, set forth in the Schedule(s) – Lawful UNE Combinations attached and incorporated into this Appendix shall be made available to CLEC as specified in the specific Schedule for a particular State.

2.15.3.1 The Parties acknowledge that the United States Supreme Court in *Verizon Comm. Inc.* relied on the distinction between an incumbent local exchange carrier such as AT&T-13STATE being required to perform the functions necessary to combine Lawful UNEs and to combine Lawful 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 Lawful UNE combinations, if any, set forth in the Schedule(s) – Lawful UNE Combinations to this Appendix, subject to the following:

2.15.3.1.1 Section 2.15, 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 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. Without affecting the foregoing, this Agreement does not in any way prohibit, limit, or otherwise affect AT&T-13STATE from taking any position with respect to combinations including Lawful UNEs or any issue or subject addressed or related thereto.

2.15.3.1.2 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, 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 2.15.3.1.2 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 2.15.3.1.2 shall not affect the applicability of any such provisions in situations not covered by that first sentence.

2.15.3.1.3 Without affecting the application of Section 2.15.3.1.2 (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 Lawful UNEs and combine Lawful 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 Lawful UNEs and combine Lawful 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.

2.15.3.2 A new Lawful UNE combination, if any, listed on a Schedule –Lawful 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 Lawful UNE combination in one or more States. Where electronic ordering is not available, manual ordering shall be used.

2.15.3.3 For a new Lawful UNE combination, if any, listed on a Schedule – Lawful UNE Combinations, CLEC shall issue appropriate service requests. These requests will be processed by AT&T-13STATE, and CLEC will be charged the applicable Lawful UNE service order charge(s), in addition to the recurring and nonrecurring charges for each individual Lawful UNE and cross connect ordered.

2.15.3.4 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 Lawful UNE combinations, if any, set forth in Schedule(s) – Lawful UNE Combinations, which work is not covered by the charges applicable per Section 2.16.3.3. 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.

2.15.4 In accordance with and subject to the provisions of this Section 2.15, any request not included in Section 2.15.3 in which CLEC wants AT&T-13STATE to perform the functions necessary to combine Lawful UNEs or to perform the functions necessary to combine Lawful 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.

2.15.4.1 In any such BFR, CLEC must designate among other things the Lawful UNE(s) sought to be combined and the needed location(s), the order in which the Lawful 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 Lawful UNE and the lawful network element(s) possessed by CLEC.

2.15.4.2 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 2.15.1. 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 2.15.1, CLEC shall be charged a market-based rate for any such work.

2.15.5 Without affecting the other provisions hereof, the Lawful UNE combining obligations referenced in this Section 2.15 apply only in situations where each of the following is met:

2.15.5.1 it is technically feasible, including that network reliability and security would not be impaired;

2.15.5.2 AT&T-13STATE's ability to retain responsibility for the management, control, and performance of its network would not be impaired;

2.15.5.3 AT&T-13STATE would not be placed at a disadvantage in operating its own network;

2.15.5.4 it would not undermine the ability of other Telecommunications Carriers to obtain access to Lawful UNEs or to Interconnect with AT&T-13STATE's network; and

2.15.5.5 CLEC is

2.15.5.5.1 unable to make the combination itself; or

2.15.5.5.2 a new entrant and is unaware that it needs to combine certain Lawful UNEs to provide a Telecommunications Service, but such obligation under this Section 2.15.5.5 ceases if AT&T-13STATE informs CLEC of such need to combine.

2.15.6 For purposes of Section 2.15.5.5 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 Lawful UNE(s) sought to be combined are available to CLEC, including without limitation:

2.15.6.1 at an AT&T-13STATE premises where CLEC is physically collocated or has an on-site adjacent collocation arrangement;

2.15.6.2 for AT&T CALIFORNIA only, within an adjacent location arrangement, if and as permitted by this Agreement.

2.15.7 Section 2.15.5.5 shall only begin to apply thirty (30) days after notice by AT&T-13STATE to CLEC. Thereafter, AT&T-13STATE may invoke Section 2.15.5.5 with respect to any request for a combination involving Lawful UNEs.

2.16 Conversion of Wholesale Services to Lawful UNEs

2.16.1 Upon request, AT&T-13STATE shall convert a wholesale service, or group of wholesale services, to the equivalent Lawful UNE, or combination of Lawful 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 Lawful UNEs, or combination of Lawful UNEs, that would result from the conversion meet the eligibility criteria that may be applicable. (By way of example only, the statutory conditions would constitute one such eligibility criterion.)

2.16.2 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.

2.16.3 Except as agreed to by the Parties or otherwise provided hereunder, 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 UNE or combination of UNEs. AT&T-13STATE may charge applicable service order charges and record change charges.

2.16.4 This Section 2.16 only applies to situations where the wholesale service, or group of wholesale services, is comprised solely of Lawful UNEs offered or otherwise provided for in this Appendix.

2.16.5 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 Lawful UNE, or combination of Lawful UNEs, CLEC shall not request such conversion or

continue using such the Lawful UNE or Lawful UNEs that result from such conversion. To the extent CLEC fails to meet (including ceases to meet) the eligibility criteria applicable to a Lawful UNE or combination of Lawful UNEs, or Commingled Arrangement (as defined herein), AT&T-13STATE may convert the Lawful UNE or Lawful UNE combination, or Commingled Arrangement, to the equivalent wholesale service, or group of wholesale services, upon written notice to CLEC.

2.16.5.1 This Section 2.16.5 applies to any Lawful UNE or combination of Lawful UNEs, including whether or not such Lawful UNE or combination of Lawful UNEs had been previously converted from an AT&T-13STATE service.

2.16.5.2 AT&T-13STATE may exercise its rights provided for hereunder and those allowed by law in auditing compliance with any applicable eligibility criteria.

2.16.6 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.

2.16.7 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.

2.17 Commingling

2.17.1 "Commingling" means the connecting, attaching, or otherwise linking of a Lawful UNE, or a combination of Lawful UNEs, to one or more facilities or services that CLEC has obtained at wholesale from AT&T-13STATE, or the combining of a Lawful UNE, or a combination of Lawful UNEs, with one or more such facilities or services. "Commingle" means the act of commingling.

2.17.1.1 "Commingled Arrangement" means the arrangement created by Commingling.

2.17.1.2 Neither Commingling nor a Commingled Arrangement shall include, involve, or otherwise encompass an AT&T-12STATE offering pursuant to 47 U.S.C. § 271 that is not a Lawful UNE under 47 U.S.C. § 251(c)(3).

2.17.1.3 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 place AT&T-13STATE at a disadvantage in operating its own network; or (iv) would undermine the ability of other Telecommunications Carriers to obtain access to Lawful UNEs or to Interconnect with AT&T-13STATE's network.

2.17.1.4 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 will develop and implement processes, subject to any associated rates, terms and conditions. The Parties will comply with any applicable Change Management guidelines.

2.17.1.5 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 Lawful UNEs; accordingly, no other facilities, services or functionalities are subject to commingling, including but not limited to facilities, services or functionalities that AT&T-12STATE might offer pursuant to Section 271 of the Act.

2.17.2 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 Lawful UNE or a combination of Lawful UNEs with facilities or services obtained at wholesale from AT&T-13STATE to the extent required by lawful and effective FCC rules and associated lawful and effective FCC and judicial orders.

2.17.3 Upon request, and subject to this Section 2, AT&T-13STATE shall perform the functions necessary to Commingle a Lawful UNE or a combination of Lawful 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), except that AT&T-13STATE shall have no obligation to perform the functions necessary to Commingle (or to complete the actual Commingling) if (i) Section 2.17.1.3 applies to the Commingled Arrangement sought by CLEC; or (ii) the CLEC is able to perform those functions itself. Where CLEC is a new entrant and is unaware that it needs to Commingle to provide a Telecommunications Service, AT&T-13STATE's obligation to commingle ceases if AT&T-13STATE informs CLEC of such need to Commingle.

2.17.3.1 For purposes of Section 2.17.3 and without limiting other instances in which CLEC may be able to Commingle for itself, CLEC is deemed able to Commingle for itself when the Lawful UNE(s), Lawful UNE combination, and facilities or services obtained at wholesale from AT&T-13STATE are available to CLEC, including without limitation:

2.17.3.1.1 at an AT&T-13STATE central office where CLEC is physically collocated or has an on-site adjacent collocation arrangement;

2.17.3.1.2 for AT&T CALIFORNIA only, within an adjacent location arrangement, if and as permitted by this Agreement.

2.17.3.2 Section 2.17.3(ii) shall only begin to apply thirty (30) days after notice by AT&T-13STATE to CLEC. Thereafter, AT&T-13STATE may invoke Section 2.17.3(ii) with respect to any request for Commingling.

2.17.4 In accordance with and subject to the provisions of this Section 2.17, 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.

2.17.4.1 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 Online." 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.

2.17.4.2 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 Lawful UNE(s), combination of Lawful 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 Lawful UNEs, such combinations of Lawful UNEs, and such facilities and services are to be Commingled, and how each connection (*e.g.*, cross-connected) is to be made between them.

2.17.4.2.1 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 2.17 (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 2.17.4, CLEC shall be charged a market-based rate for any such work.

2.17.4.3 AT&T-13STATE shall charge the appropriate non-recurring rates as set forth in the pricing schedule(s) applicable to the Lawful UNEs (or Lawful UNE combinations) that are Commingled on a Lawful UNE-by-Lawful UNE basis, and for the facilities and services that are Commingled (under this Section 2) on a facility-by-facility, service-by-service basis,

including without limitation for the type of service and activity being requested to create the Commingled Arrangement.

2.17.5 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 Lawful UNEs (or Lawful 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.

2.17.6 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 lawful and effective FCC rules and associated lawful 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 Lawful UNEs, or where Lawful 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 Lawful UNE involved or to be involved in a Commingled Arrangement, CLEC shall not request such Commingled Arrangement or continue using such Commingled Arrangement.

2.17.7 In the event that Commingling also involves AT&T-13STATE performing the functions necessary to combine Lawful UNEs (e.g., make a new combination of Lawful UNEs), including making the actual Lawful UNE combination, then Section 2.16 shall govern with respect to that Lawful UNE combining aspect of that particular Commingling and/or Commingled Arrangement.

2.17.8 Subject to this 2.17, AT&T-13STATE shall not deny access to a Lawful UNE or a combination of Lawful UNEs on the grounds that one or more of the Lawful UNEs is connected to, attached to, linked to, or combined with, a facility or service obtained at wholesale from AT&T-13STATE.

2.17.9 Commingling in its entirety (including its definition, the ability of CLEC to Commingle, AT&T-12STATE's obligation to perform the functions necessary to Commingle, and Commingled Arrangements) shall not apply to or otherwise include, involve or encompass AT&T-12STATE offerings pursuant to 47 U.S.C. § 271 that are not Lawful UNEs under 47 U.S.C. § 251(c)(3).

2.18 Mandatory Eligibility Criteria for Access to Certain Lawful UNEs

2.18.1 Except as provided below in this Section 2.18 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.

2.18.1.1 "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, multiplexing capabilities). An DS1 or higher EEL is required to terminate in a collocation arrangement that meets the requirements of Section 2.18.3 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).

2.18.2 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 in 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:

2.18.2.1 CLEC (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.

2.18.2.2 The following criteria 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:

2.18.2.2.1 Each circuit to be provided to each End User will be assigned a local telephone number (NPA-NXX-XXXX) that is associated with local service provided within an AT&T-13STATE local service area and within the LATA where the circuit is located ("Local Telephone Number"), prior to the provision of service over that circuit (and for each circuit, CLEC will provide the corresponding Local Telephone Number(s) as part of the required certification); and

2.18.2.2.2 Each DS1-equivalent circuit on a DS3 EEL or on any other Included Arrangement, must have its own Local Telephone Number assignment, so that each DS3 must have at least 28 Local voice Telephone Numbers assigned to it; and

2.18.2.2.3 Each circuit to be provided to each End User will have 911 or E911 capability prior to the provision of service over that circuit; and

2.18.2.2.4 Each circuit to be provided to each End User will terminate in a collocation arrangement that meets the requirements of Section 2.18.3 of this Appendix Lawful UNE; and

2.18.2.2.5 Each circuit to be provided to each End User will be served by an interconnection trunk that meets the requirements of Section 2.18.4 of this Appendix Lawful UNE; and

2.18.2.2.6 For each 24 DS1 EELs, or other facilities having equivalent capacity, CLEC will have at least one active DS1 local service interconnection trunk that meets the requirements of Section 2.18.4 of this Appendix; and

2.18.2.2.7 Each circuit to be provided to each End User will be served by a switch capable of providing local voice traffic.

By way of example only, the application of the foregoing conditions means that a wholesale or retail DS1 or higher service/circuit (whether intrastate or interstate in nature or jurisdiction) comprised, in whole or in part, of a UNE local loop-Unbundled Dedicated Transport(s)-UNE local loop (with or without multiplexing) cannot qualify for at least the reason that the UNE local loop-Unbundled Dedicated Transport combination included within that service/circuit does not terminate to a collocation arrangement. Accordingly, AT&T-13STATE shall not be required to provide, and shall not provide, any UNE combination of a UNE local loop and Unbundled Dedicated Transport at DS1 or higher (whether as a UNE combination by themselves, with a network element possessed by CLEC, or pursuant to Commingling, or whether as a new arrangement or from a conversion of an existing service/circuit) that does not terminate to a collocation arrangement that meets the requirements of Section 2.18.3 of this Appendix Lawful UNE. Section 2.18.2 shall apply in any arrangement that includes more than one of the UNEs, facilities, or services set forth in that Section, including, without limitation, to any arrangement where one or more UNEs, facilities, or services not set forth in Section 2.18.2 is also included or otherwise used in that arrangement (whether as part of a UNE combination, Commingled Arrangement, or otherwise), and irrespective of the placement or sequence of them.

2.18.3 A collocation arrangement meets the requirements of Section 2.18 of this Appendix Lawful UNE if it is:

2.18.3.1 Established pursuant to Section 251(c)(6) of the Act and located at AT&T-13STATE's premises within the same LATA as the End User's premises, when AT&T-13STATE is not the collocator; or

2.18.3.2 Located at a third party's premises within the same LATA as the End User's premises, when AT&T-13STATE is the collocator.

2.18.4 An interconnection trunk meets the requirements of Sections 2.18.2.2.5 and 2.18.2.2.6 of this Appendix Lawful UNE 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 End User premises served by the Included Arrangement.

2.18.5 For a new circuit to which Section 2.18.2 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 2.18.2.2.1 and Section 2.18.2.2.3, respectively. In such case, CLEC shall satisfy Section 2.18.2.2.1 and/or Section 2.18.2.2.3 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.

2.18.5.1 Section 2.18.5 does not apply to existing circuits to which Section 2.18.2 applies, including conversions or migrations (e.g., CLEC shall not be excused from meeting the Section 2.18.2.2.1 and Section 2.18.2.2.3 requirements for existing circuits at the time it initiates the ordering process).

2.18.6 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 2.18.

2.18.6.1 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.

2.18.7 In addition to any other audit rights provided for this Agreement and those allowed by law, AT&T-13STATE may obtain and pay for an independent auditor to audit CLEC, on an annual basis, applied on a State-by-State basis, for compliance with this Section 2.18. For purposes of calculating and applying an "annual basis", it means for a State a consecutive 12-month period, beginning upon AT&T-13STATE's written notice that an audit will be performed for that State, subject to Section 2.18.7.4 of this Section.

2.18.7.1 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 regarding CLEC's compliance with the qualifying service eligibility criteria.

2.18.7.2 The independent auditor's report will conclude whether CLEC complied in all material respects with this Section 2.18.

2.18.7.3 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.

2.18.7.4 To the extent the independent auditor's report concludes that CLEC failed to comply with this Section 2.18, CLEC must true-up any difference in payments 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 2.18 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.

2.18.7.4.1 To the extent that the independent auditor's report concludes that CLEC failed to comply in all material respects with this Section 2.18, CLEC must reimburse AT&T-13STATE for the 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 2.18.7.4.2.

2.18.7.4.2 To the extent the independent auditor's report concludes that the CLEC complied in all material respects with this Section 2.18, AT&T-13STATE must reimburse CLEC for its reasonable staff time and other reasonable costs associated in responding to the audit (e.g., collecting data in response to the auditor's inquiries, meeting for interviews, etc.).

2.18.7.5 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.

2.18.8 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 2.18 in all cases and, further, the failure of AT&T-13STATE to require such compliance, including if AT&T-13STATE provides a circuit(s), an EEL(s), or a Commingled circuit, that does not meet any eligibility criteria, including those in this Section 2.18, 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.

2.19 Where processes for any Lawful 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.

2.20 AT&T-13STATE will combine Lawful UNEs, combine Lawful UNE(s) with network elements possessed by CLEC, and/or Commingle only as set forth in this Appendix Lawful UNEs.

2.21 The Parties intend that this Appendix Lawful UNEs contains the sole and exclusive terms and conditions by which CLEC will obtain Lawful UNEs from AT&T-13STATE. Accordingly, except as may be specifically permitted by this Appendix Lawful UNEs, 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 any unbundled network element (whether on a stand-alone basis, in combination with other UNEs (Lawful or otherwise), with a network element possessed by CLEC, or pursuant to Commingling or otherwise) directly from any AT&T-13STATE tariff, to the extent such tariff(s) is/are available, and agree not to so purchase or attempt to so purchase from any such tariff. 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 orders for, or provides or continues to provide, unbundled network elements, Lawful or otherwise, under tariff) 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 such order submitted under tariff, or without the need for any further contact with or consent from CLEC, AT&T-13STATE may process any such order as being submitted under this Appendix Lawful UNEs and, further, may convert any element provided under tariff, to this Appendix Lawful UNEs, 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.

3. ACCESS TO LAWFUL UNE CONNECTION METHODS

3.1 Subject to Section 2 of this Appendix Lawful UNEs, AT&T-13STATE shall provide Access to Lawful UNE without compromising the security, integrity, and reliability of the public switched network, as well as to minimize potential service disruptions.

3.1.1 In the AT&T-13STATE premises where CLEC is Physically Collocated (e.g., in a caged, cageless or shared cage arrangement) or Virtually Collocated (see Physical and Virtual Collocation Appendices) AT&T-13STATE will extend AT&T-13STATE Lawful UNEs via-cross connects to CLEC's Physical or Virtual Collocation Point of Termination (POT), within the same AT&T-13STATE premises where the Lawful UNEs are located.

3.1.2 CLEC shall be responsible for initial testing and trouble sectionalization of facilities containing CLEC installed cross connects.

3.1.3 CLEC shall refer trouble sectionalized in the AT&T-13STATE Lawful UNE to AT&T-13STATE.

3.1.4 Prior to AT&T-13STATE providing access to Lawful UNEs under this Appendix, CLEC and AT&T-13STATE shall provide each other with a point of contact for overall coordination.

3.1.5 CLEC shall designate each Lawful 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 Lawful UNEs. This interface may be manual or mechanized.

3.1.6 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.

3.2 Any other method may be requested by the BonaFide Request Process outlined in Section 6 below.

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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 Lawful UNE, Lawful UNE Combination and/or Lawful Commingling requests that constitute or involve a Lawful 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 Lawful 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 or 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 advice 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 Lawful 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.

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 Lawful UNEs, provided the request is not covered by one of the following conditions:

6.4.2.1 The Lawful 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 Lawful 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 Lawful 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 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 Lawful 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.

* Section 6.5 is available only in the State of California. Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS, Paragraph 2.10.1.

6.5.5 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 Lawful UNE, interconnection or other arrangement required by law.

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 Lawful UNE, AT&T-13STATE shall provide Lawful UNE Network Interface Device under the following terms and conditions in this subsection.

7.2 The Lawful 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 Lawful 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 Lawful 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 Lawful UNE NID on an unbundled basis to CLEC for the provision of a Telecommunications Service. CLEC access to the Lawful 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 Lawful 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 Lawful UNE NID, as is, or at any other technically feasible point. Any repairs, upgrade and rearrangements to the Lawful 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 Lawful 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 Lawful UNE NID where necessary.

7.6 The AT&T-12STATE Lawful UNE NIDs that CLEC uses under this Appendix will be existing Lawful 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 Lawful UNE NID and/or its protector. CLEC shall not cut any other leads in the Lawful 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 Lawful UNE NID, can disconnect the End User's wiring from AT&T-12STATE's Lawful UNE NID and reconnect it to the CLEC's NID.

7.9 If CLEC requests a different type of Lawful UNE NID not included with the loop, AT&T-12STATE will consider the requested type of Lawful UNE NID to be facilitated via the Bona Fide Request (BFR) Process.

8. LAWFUL UNE LOCAL LOOP

8.1 Subject to Section 2 of this Appendix Lawful UNEs, AT&T-13STATE shall provide Lawful UNE Local Loop under the following terms and conditions in this subsection.

8.2 Pursuant to applicable FCC rules, a local loop network element 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. Therefore, consistent with the applicable FCC rules, AT&T-13STATE will make available the Lawful 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 Lawful 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 Lawful 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 Lawful 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 Lawful 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), Lawful UNE DS1 Digital Loops (where they have not been Declassified and subject to caps set forth in Section 8.3.4.4.1) and Lawful 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 loop type within applicable technical standards and parameters.

8.2.1 When a Lawful UNE Local Loop is ordered to a high voltage area, the Parties understand and agree that such 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 Lawful 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 hereinabove 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 Lawful UNE Local Loop order to the high voltage area.

8.3 The following types of Lawful UNE Local Loops 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 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 Lawful UNE loops serviced by Integrated Digital Loop Carrier (IDLC) AT&T-12STATE will, where available, move the requested loop(s) to a spare, existing all-copper or universal digital loop carrier Lawful UNE loop at no additional charge to CLEC. If, however, no spare Lawful UNE 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 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 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 Lawful 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-13STATE is not obligated to provide to CLEC more than ten (10) DS1 Lawful 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 Lawful 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 Lawful 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 Lawful 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 Lawful UNE 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 Lawful 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 requested DS3 Lawful UNE 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 Lawful 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 Lawful UNEs under this Agreement. Accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering DS1 Lawful 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 Lawful 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 Lawful UNEs under this Agreement. Accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering DS3 Lawful 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 Lawful UNEs under this Agreement, AT&T-13STATE will provide written notice to CLEC of such Declassification, and proceed in accordance with Section 2.5.

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 where such Loops are Declassified.

8.4.4 The Parties agree that activity by AT&T-13STATE under this Section 8.4 shall not be subject to the Network Disclosure Rules.

8.5 Routine Network Modifications – Lawful UNE Local Loops

8.5.1 AT&T-13STATE shall make routine network modifications to Lawful UNE Local Loop facilities used by requesting telecommunications carriers where the requested Lawful UNE Local Loop facility has already been constructed. AT&T-13STATE shall perform routine network modifications to Lawful UNE Local Loop facilities in a nondiscriminatory fashion, without regard to whether the Lawful 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 customers. 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 loops for its own retail customers, under the same conditions and in the same manner that AT&T-13STATE does for its own 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 new Lawful UNE Loops; installing new cable; securing permits or rights-of-way; constructing and/or placing new manholes or conduits; installing new terminals; removing or reconfiguring packetized transmission facility. 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 AT&T-13STATE has no obligation to build TDM capability into new packet-based networks or into existing packet-based networks that never had TDM capability.

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 do not apply to 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). AT&T-12STATE will impose charges for Routine Network Modifications in instances where such charges are not included in any costs already recovered through existing, applicable recurring and non-recurring charges. The Parties agree that the routine network modifications for which AT&T-12STATE is not recovering costs in existing recurring and non-recurring charges, and for which costs will be imposed on CLEC on an ICB basis for all AT&T-12STATE include, but are not limited to,: (i) adding an equipment case, (ii) adding a doubler or repeater including associated line card(s), (iii) installing a repeater shelf, and any other necessary work and parts associated with a repeater shelf, and (iv) in AT&T-California only, deploying of multiplexing equipment, to the extent such equipment is not present on the loop or transport facility when ordered. The resulting ICB rates shall continue to apply to such routine network modifications unless and until the Parties negotiate specific rates based upon actual time and materials costs for such routine network modifications or specific rates are otherwise established for such routine network modifications through applicable state commission proceedings.

8.6 Lawful 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.

8.7 xDSL Subloop is as defined in the xDSL and Line Splitting Appendix, if any, and will be available to CLEC in the AT&T-12STATE states in those instances where CLEC has an approved and effective xDSL and Line Splitting Appendix as a part of this Agreement. In addition to the provisions set forth in the xDSL and Line Splitting Appendix, the xDSL Subloop is subject to the subloop terms and conditions set forth in this Section 9, 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 xDSL and Line Splitting Appendix as to the xDSL Subloop and the subloop provisions set forth in this Section 9, the subloop provisions set forth in Section 9 shall control.

9. LAWFUL UNE SUBLOOPS

9.1 Subject to the other terms and conditions of this Appendix, AT&T-12STATE shall provide Lawful UNE Subloops under the following terms and conditions in this subsection.

9.2 AT&T-12STATE will provide copper Lawful UNE Subloops as set forth in this Appendix. Other than as specifically set out elsewhere in this Agreement, AT&T CONNECTICUT does not offer Lawful UNE Subloops under this Agreement. Rather, Lawful UNE Subloops are available as described in Section 18 of the Connecticut Service Tariff.

9.2.1 A Lawful UNE Subloop is a smaller included segment of AT&T-12STATE's Lawful UNE local loop plant, i.e., a portion of the Lawful UNE Loop from some technically accessible terminal beyond AT&T-12STATE's central office and the network demarcation point, including that portion of the Lawful UNE Loop, if any, which AT&T-12STATE's owns and controls inside the End User premises.

9.3 Definitions Pertaining to the Lawful UNE Subloop

9 3.1 Accessible terminals contain cables and their respective wire pairs that terminate on screw posts. 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 Lawful UNE Subloop" may be deployed on non-loaded copper cable pairs of either 2 Wire or 4 Wire facilities. Where AT&T uses 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 Lawful UNE Subloop transport in a Multi Tenant Environment (MTE), such facilities will be unbundled as part of AT&T's MTE Sub Loop offering. AT&T-13STATE is not required to provide Subloop Dark Fiber on an unbundled basis.

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 Lawful 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.

9.3.8 "SAI/FDI-to-Term Lawful UNE Subloop" is that portion of the Lawful UNE Loop from the SAI/FDI to an accessible terminal.

9 3.9 "SAI/FDI-to-NID Lawful UNE Subloop" is that portion of the Lawful UNE 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 premises through which it serves, or can serve, End Users at such premises, 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 Lawful 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 Lawful UNE Subloop" is that portion of the Lawful UNE Loop from an accessible terminal to the NID, which is located at an end user's premise. Term-to-NID Lawful UNE Subloop includes use of the Network Terminating Wire (NTW).

9.4 AT&T-12STATE will offer the following Lawful UNE Subloop types:

9.4.1 2-Wire Analog Lawful 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 Lawful 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 Lawful UNE xDSL Subloop is as defined in the xDSL and Line Splitting Appendix and will be available to CLEC in the AT&T-12STATE states in those instances where CLEC has an approved and effective xDSL and Line Splitting Appendix as a part of this Agreement. In addition to the provisions set forth in the xDSL and Line Splitting Appendix, the Lawful UNE xDSL Subloop is subject to the Lawful 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 xDSL and Line Splitting Appendix as to the Lawful UNE xDSL Subloop and the Lawful UNE subloop provisions set forth in this Appendix, the Lawful UNE subloop provisions set forth in this Appendix shall control.

9.4.4 As no other type of Subloop constitutes a Lawful UNE subloop, AT&T-13STATE is not obligated under this Section 251/252 Agreement to provide any other type of subloop. CLEC shall not request such subloops under this Agreement, whether alone, in combination or Commingled. Accordingly, if CLEC requests and AT&T-13STATE provides a subloop(s) that is not described or provided for in this Agreement, AT&T-13STATE may, at any time, even after the subloop(s) has been provided to CLEC, discontinue providing such subloop(s) (including any combination(s) including that subloop) upon 30 days' advance written notice to CLEC. 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 refuse to provide, including if AT&T-13STATE provides or continues to provide, access to such subloop(s) (whether on a stand-alone basis, in combination with UNEs (Lawful or otherwise), with a network element possessed by CLEC, or otherwise), shall not act as a waiver of any part of this Agreement, and estoppel, laches, or other similar concepts shall not act to affect any rights or requirements hereunder.

9.5 Intentionally Left Blank.

9.6 Lawful UNE Subloops are provided "as is" unless CLEC requests loop conditioning on Lawful UNE xDSL Subloops for the purpose of offering advanced services. Lawful 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 Lawful UNE Subloop has been disconnected and thus an end-user is no longer receiving service via that Lawful UNE Subloop, and such Lawful UNE Subloop has been determined to be a non-defective pair, then that Lawful UNE Subloop would be considered an existing spare portion of the loop, based on a first come first served basis.

9.8 Copper Lawful UNE Subloops

9.8.1 Access to terminals for copper Lawful 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 Lawful 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)	Terminal

9.10 Provisioning

9.10.1 Connecting Facility Arrangement (CFA) assignments must be in-place prior to ordering and assigning specific Lawful UNE Subloop circuit(s).

9.10.2 Spare Lawful 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 Lawful 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 Lawful 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 Lawful UNE Subloop access arrangements 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 Lawful 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 Lawful UNE Subloop Access Arrangements

9.12.1 Prior to ordering Lawful UNE Subloop facilities, CLEC will establish Collocation using the Collocation process as set forth in the Collocation Appendix, or will establish a Lawful UNE Subloop Access Arrangement utilizing the Special Construction Arrangement (SCA), either of which are necessary to interconnect to the AT&T-12STATE Lawful UNE Subloop network.

9.12.2 The space available for collocating or obtaining various Lawful UNE Subloop Access Arrangements will vary depending on the existing plant at a particular location. The CLEC will initiate an SCA by submitting a Lawful UNE Subloop Access Arrangement Application.

9 12.3 Upon receipt of a complete and correct application, AT&T-12STATE will provide to CLEC within 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 Lawful UNE Subloop access, appropriate rates for the engineering and other associated costs performed will be charged.

9.12.4 The assignment of Lawful 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 Lawful UNE Subloop facilities.

9.12.5 Subloop inquiries do not serve to reserve Lawful UNE Subloops.

9.12.6 Several options exist for Collocation or Lawful 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 CLEC will be responsible for obtaining rights of way from owners of property where AT&T-12STATE has placed the equipment necessary for the SAA prior to submitting the request for SCA.

9.12.8 Prior to submitting the Lawful 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 Lawful 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 Lawful UNE Subloop Access Arrangement shall be completed within 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. 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 Lawful 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 Lawful 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 Lawful UNE Subloop Access Arrangement Application for a new SCA.

9 14.3 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.

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 Lawful UNE Subloop Segment

9.15.1 As an alternative to the establishment of a Lawful UNE Subloop Access Arrangement in those instances where CLEC wishes to access/lease AT&T-12STATE Term to NID Lawful UNE Subloop segments in order to serve its End Users at MTEs in AT&T-12STATE ("Term to NID MTE Lawful 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 Lawful 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 Lawful UNE Subloop Segments). In the event CLEC wishes to access AT&T-12STATE Term to NID MTE Lawful 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. Intermediary box shall be placed no more than two feet from the AT&T 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 LEC 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 Lawful 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 Lawful 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 Lawful 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 Lawful UNE Subloop Segment(s).

9.15.1.6 The ordering procedures for the Term to NID MTE Lawful UNE Subloop Segment will be the same as those that apply to Lawful 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 Lawful 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 Lawful UNE Subloop Segments in AT&T-12STATE only, CLEC may elect to lease from AT&T-12STATE Term to NID MTE Lawful 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 Lawful UNE Subloop Segment." In the event CLEC wishes to lease the Term to NID MTE Lawful UNE Subloop Segment from AT&T-12STATE in lieu of AT&T-12STATE's standard Term to NID Lawful 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 Lawful UNE Subloop Segment as a result of the elimination of associated testing and reduction in functionality associated with the Term to NID MTE Lawful UNE Subloop Segment.

9.16 Establishment of Term to NID MTE Lawful 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 Lawful 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 Lawful UNE Subloop Segment". In the event CLEC wishes to lease the Term to NID MTE Lawful UNE Subloop Segment from AT&T-12STATE in lieu of AT&T-12STATE's standard Term to NID Lawful 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 Lawful UNE Subloop Segment as a result of the elimination of associated testing and reduction in functionality associated with the Term to NID MTE Lawful UNE Subloop Segment. In such cases, AT&T-12STATE will provide CLEC with access to the Term To NID MTE Lawful 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 Lawful 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 Lawful UNE Subloops at or near remote terminals.

10.3 The ECS shall be made available for Lawful 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 Lawful 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 Although AT&T-12STATE will construct the engineering controlled splice, the ECS maybe owned by AT&T-12STATE or the CLEC (depending on the specific arrangement) at the option of AT&T-12STATE.

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 90 days before access to the copper Lawful UNE Subloop is to be provisioned by AT&T-12STATE. If an augment of cabling is required between the ECS and the SAI, the interval for completion of the SCA will be determined on an individual case basis. 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 Lawful UNE Subloop orders.

10.4.1.2 CLEC must designate the quantity of Lawful 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 Lawful UNE Subloop facilities, based on recurring Lawful UNE Subloop charges, for the quantity of Lawful 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 Lawful 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 Lawful UNE Subloop segments:

	FROM:	TO:
1.	ECS	Serving Area Interface or Feeder Distribution Interface
2.	ECS	Terminal
3.	ECS	NID

11. RESERVED FOR FUTURE USE

12. RESERVED FOR FUTURE USE

13. DS1 AND DS3 DEDICATED TRANSPORT

13.1 Subject to Section 2 of this Appendix Lawful UNEs, AT&T-13STATE shall provide Lawful UNE DS1/DS3 Dedicated Transport under the following terms and conditions in this subsection.

13.2 For purposes of this Agreement, the following definitions apply:

13.2.1 "Dedicated Transport" is defined as AT&T-13STATE 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.

13.2.1.1 AT&T-13STATE is not obligated to provide CLEC with unbundled access to Dedicated Transport that does not connect a pair of AT&T-13STATE wire centers.

13.2.2 A "route" is defined as a transmission path between one of AT&T-13STATE's wire centers or switches and another of AT&T-13STATE'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-13STATE will be responsible for the engineering, provisioning, maintenance of the underlying equipment and facilities that are used to provide Lawful UNE DS1/DS3 Dedicated Transport.

13.3.1 Subject to the caps set forth in Sections 13.3.5 and 13.3.6, Lawful 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 Lawful UNE DS1/DS3 Dedicated Transport under this Agreement. Rather, it is available as described in Section 18 of the Connecticut Access Service Tariff.

13.3.3 AT&T-13STATE will provide Lawful UNE DS1 and DS3 Transport to a requesting CLEC only at the following speeds: DS1 (1.544 Mbps) and DS3 (44.736 Mbps).

13.3.4 Lawful UNE DS1 and DS3 Transport includes, as follows:

13.3.4.1 Multiplexing – an option ordered in conjunction with Lawful 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 Lawful UNE DS1 or DS3 Dedicated Transport.

13.3.4.2 Other Optional features are outlined in Appendix Pricing.

13.3.5 DS3 Transport "Caps"

13.3.5.1 AT&T-13STATE is not obligated to provide to CLEC more than twelve(12) DS3 Lawful 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 Lawful 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 Lawful 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-13STATE is not obligated to provide to CLEC more than ten (10) DS1 Lawful 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 Lawful 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 Lawful 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 Lawful UNE 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 Lawful 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 Lawful 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 Lawful UNEs under this Agreement. Accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering DS1 Lawful 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 Lawful 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 Lawful 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 Lawful UNEs under this Agreement. Accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering DS3 Lawful 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 Lawful UNEs under this Agreement, AT&T-13STATE will provide written notice to CLEC of such Declassification, and proceed in accordance with Section 2.5.

13.5.5 Products provided by AT&T-13STATE in conjunction with Lawful UNE DS1 or DS3 Dedicated Transport (e.g. Cross-Connects) shall also be subject to re-pricing under this Section and Section 2.5 where such Transport is Declassified.

13.6 The Parties agree that activity by AT&T-13STATE under this Section 13.5 shall not be subject to the Network Disclosure Rules.

13.7 Routine Network Modifications – Lawful UNE Dedicated Transport

13.7.1 AT&T-13STATE shall make routine network modifications to Lawful UNE Dedicated Transport facilities used by requesting telecommunications carriers where the requested Lawful UNE Dedicated Transport facilities have already been constructed. AT&T-13STATE shall perform routine network modifications to Lawful UNE Dedicated Transport facilities in a nondiscriminatory fashion, without regard to whether the Lawful UNE 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 and deploying a multiplexer or reconfiguring an existing multiplexer. Routine network modifications may entail activities such as accessing manholes, deploying bucket trucks to reach aerial cable. 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 Routine network modifications do not include constructing new Lawful UNE Dedicated Transport; installing new cable; securing permits or rights-of-way; constructing and/or placing new manholes or conduits; or installing new terminals. AT&T-13STATE is not obligated to perform those activities for a requesting telecommunications carrier.

13.7.4 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.

13.7.5 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.

13.7.6 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). AT&T-13STATE will impose charges for Routine Network Modifications in instances where such charges are not included in any costs already recovered through existing, applicable recurring and non-recurring charges. The Parties agree that the routine network modifications for which AT&T-12STATE is not recovering costs in existing recurring and non-recurring charges, and for which costs will be imposed on CLEC on an ICB basis for all AT&T-12STATE include, but are not limited to,: (i) splicing and (ii) in AT&T CALIFORNIA only, deploying of multiplexing equipment, to the extent such equipment is not present on the loop or transport facility when ordered. The resulting ICB rates shall continue to apply to such routine network modifications unless and until the Parties negotiate specific rates based upon actual time and materials costs for such routine network modifications through applicable state commission proceedings.

14. DARK FIBER DEDICATED TRANSPORT

14.1 Subject to Section 2 of this Appendix Lawful UNEs, AT&T-12STATE shall provide Lawful UNE Dedicated Transport Dark Fiber under the following terms and conditions in this subsection. AT&T-13STATE is not required to provide Loop and/or Subloop Dark Fiber on an unbundled basis.

14.2 In AT&T-12STATE, Dedicated Transport Dark Fiber is deployed, unlit optical fiber within AT&T-12STATE's network. Dedicated 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, unbundled dedicated transport dark fiber is available to CLECs as described in Section 18.2.1N of the Connecticut Service Tariff.

14.3 Lawful UNE Dedicated Transport Dark Fiber

14.3.1 At dedicated transport dark fiber segments in routes that have not been Declassified, AT&T-12STATE will provide a Lawful UNE Dedicated Transport Dark Fiber segment that is considered "spare" as defined in Sections 14.6 and 14.7 below. Lawful 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 centers. AT&T-12STATE will offer Lawful UNE Dedicated Transport Dark Fiber to CLEC when CLEC has collocation space in each AT&T-12STATE CO where the requested Lawful UNE Dedicated Transport 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 Lawful UNE Dedicated Transport Dark Fiber will be provided as is. No conditioning will be offered. Spare dedicated transport dark fiber is fiber that can be spliced in all segments, point to point but not assigned, and spare 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 Lawful 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 dedicated transport dark fiber. Spare dedicated transport dark fiber 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 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 Lawful UNE Dedicated Transport Dark Fiber.

14.7 Quantities and Time Frames for Ordering Lawful UNE Dedicated Transport Dark Fiber

14.7.1 The minimum number of Lawful UNE Dedicated Transport Dark Fiber strands that CLEC can order is one, and such strands must be ordered on a strand-by-strand basis. The maximum number of such strands that CLEC can order is no greater than 25% of the spare dedicated transport dark fiber in the segment requested. Should spare 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 Section 14.6 above.)

14.7.2 If CLEC wishes to request Lawful 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 Lawful 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 such fiber.

14.7.3 Lawful 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 Lawful UNE Dedicated Transport Dark Fiber. When CLEC submits the ASR, the ASR will be processed and the Lawful UNE Dedicated Transport Dark Fiber facilities 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 Lawful UNE Dedicated Transport Dark Fiber

14.8.1 Right of revocation of access to Lawful UNE Dedicated Transport Dark Fiber is distinguishable from Declassification as defined in Section 5 of this Appendix. For clarification purposes, AT&T-12STATE's right of revocation of access under this Section 14.9 applies even when the affected dedicated transport dark fiber remains a Lawful UNE, 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 Lawful 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 Lawful UNE Dedicated Transport Dark Fiber, whether or not such fiber is being utilized by CLEC, upon twelve (12) months written notice to the CLEC. If the reclaimed Lawful 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 reclaimed 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 Lawful UNE Dedicated Transport Dark Fiber

14.9.1 The termination point for Lawful UNE Dedicated Transport Dark Fiber at Central Offices will be in an AT&T-12STATE approved splitter shelf. This arrangement allows for non-intrusive testing.

14.9.2 At CO's, Lawful 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 Lawful UNE Dedicated Transport Dark Fiber

14.10.1 AT&T-12STATE will install termination points and place the fiber jumpers from the fiber optic terminals to the termination point. CLEC will run its fiber jumpers from the termination point (1x2, 90-10 optical splitter) to the CLEC.

14.11 Dark Fiber Transport Declassification

14.11.1 AT&T-13STATE shall provide CLEC with access to Lawful 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 Lawful 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 Lawful UNEs under this Agreement. Accordingly, CLEC may not order or otherwise obtain, and CLEC will cease ordering Lawful 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 Lawful UNEs under this Agreement, AT&T-13STATE will provide written notice to CLEC of such Declassification, and proceed in accordance with Section 2.5 and at the end of the 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 Lawful 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 The Parties agree that activity by AT&T-12STATE under this Section 14.11 shall not be subject to the Network Disclosure Rules.

14.12 Routine Network Modifications

14.12.1 AT&T-12STATE shall make routine network modifications to Lawful UNE Dedicated Transport Dark Fiber used by requesting Telecommunications Carriers for the provision of Telecommunication Services where the requested Lawful UNE Dedicated Transport Dark Fiber facilities have already been constructed. AT&T-12STATE shall perform routine network modifications to Lawful UNE Dedicated Transport Dark Fiber in a nondiscriminatory fashion, without regard to whether such 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 Routine network modifications do not include constructing new Lawful UNE Dedicated Transport Dark Fiber; installing new cable; securing permits or rights-of-way; constructing and/or placing new manholes or conduits; or installing new terminals. AT&T-13STATE is not obligated to perform those activities for a requesting telecommunications carrier.

14.12.4 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.

14.12.5 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.

14.12.6 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). AT&T-12STATE will impose charges for Routine Network Modifications in instances where such charges are not included in any costs already recovered through existing, applicable recurring and non-recurring charges. The Parties agree that the routine network modifications for which AT&T-12STATE is not recovering costs in existing recurring and non-recurring charges, and for which costs will be imposed on CLEC on an ICB basis for all AT&T-12STATE's include: dark fiber transport splicing. The resulting ICB rates shall continue to apply to such routine network modifications unless and until the Parties negotiate specific rates based upon actual time and materials costs for such routine network modifications or specific rates are otherwise established for such routine network modifications through applicable state commission proceedings.

15. RESERVED FOR FUTURE USE

16. 911 OR E911 DATABASE

16.1 Access to the AT&T-13STATE 911 or E911 call related databases will be provided as described in the Lawful 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 this Appendix only for purposes of permitting CLEC to access AT&T-13STATE Lawful UNE(s), to connect a Lawful UNE to another Lawful UNE, to Commingle (as provided for in this Agreement), or as may otherwise be used with respect to Lawful UNEs in accordance with this Agreement. 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 Lawful UNE(s) to other Lawful UNE(s) or to CLEC's own facilities.

18.2 A "Cross Connect" is the media used as described in Section 18.1. This includes, for example, the media between a AT&T-13STATE Lawful UNE and the point of access associated with an Interconnection Cable Arrangement to CLEC's Collocation arrangement, and the media between one AT&T-13STATE Lawful UNE and another AT&T-13STATE Lawful UNE where AT&T-13STATE has connected or left connected those Lawful UNEs. Nothing in this Section 18 is a commitment to connect or leave connected any two or more Lawful UNEs.

18.3 AT&T-12STATE will provide the Cross Connects at the rates, terms, and conditions set forth in applicable pricing appendix and/or pricing schedule. For all cross-connect pricing for AT&T CONNECTICUT, refer to the applicable state tariff.

19. PROVISIONING/MAINTENANCE OF LAWFUL UNES

19.1 Access to Lawful UNEs is provided under this Agreement over such routes, technologies, and facilities as AT&T-13STATE may elect at its own discretion. AT&T-13STATE will provide access to Lawful UNEs where technically feasible. Where facilities and equipment are not available, AT&T-13STATE shall not be required to provide Lawful UNEs. Collocation is available from AT&T-13STATE for obtaining access to Lawful UNEs. See collocation appendices. CLEC may request, through the Bona Fide Request (BFR) process, and, to the extent required by law, AT&T-13STATE may agree to provide an alternative, technically feasible method(s) of accessing Lawful UNEs.

19.2 Subject to the terms herein, AT&T-13STATE is responsible only for the installation, operation and maintenance of the Lawful UNEs it provides. AT&T-13STATE is not otherwise responsible for the Telecommunications Services provided by CLEC through the use of those Lawful UNEs.

19.3 Where Lawful UNEs provided to CLEC are dedicated to a single End User, if such Lawful UNEs are for any reason disconnected they shall be made available to AT&T-13STATE for future provisioning needs, unless such Lawful UNE is disconnected in error. The CLEC agrees to relinquish control of any such Lawful UNE concurrent with the disconnection of a CLEC's End User's service.

19.4 CLEC shall make available at mutually agreeable times the Lawful UNEs provided pursuant to this Appendix in order to permit AT&T-13STATE to test and make adjustments appropriate for maintaining the Lawful 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 Lawful UNE, or of its own equipment or facilities in conjunction with any AT&T-13STATE Lawful 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 Lawful 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 Lawful UNE(s), CLEC shall issue appropriate service requests, to both disconnect the existing service and order Lawful UNEs. These requests will be processed by AT&T-13STATE, and CLEC will be charged the applicable Lawful UNE service order charge(s), in addition to the recurring and nonrecurring charges for each individual Lawful UNE and cross connect ordered. Similarly,

when an End User is served by one CLEC using AT&T-13STATE provided Lawful UNEs is converted to a different CLEC's service which also uses any AT&T-13STATE provided Lawful 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 Lawful UNE and cross connect ordered.

19.7 CLEC shall connect equipment and facilities that are compatible with the AT&T-13STATE Lawful UNEs, and shall use Lawful UNEs in accordance with the applicable regulatory standards and requirements referenced in this Agreement.

19.8 CLEC shall not combine or use Lawful UNEs in a manner that will undermine the ability of other Telecommunications Carriers to obtain access to lawful 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 Lawful 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 an entity by other than AT&T-13STATE or in detariffed CPE provided by AT&T-13STATE, unless covered under a separate maintenance agreement.

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 Lawful 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 Lawful 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. RESERVATION OF RIGHTS

20.1 AT&T-13STATE's provision of UNEs identified in this Agreement is subject to the provisions of the Federal Act, including but not limited to, Section 251(d). By entering into this Agreement which makes available certain UNEs, or any Amendment to this Agreement, 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 but not limited each Party's right to dispute whether any UNEs identified in the Agreement must be provided under Section 251(c)(3) and Section 251(d) of the Act, and under this Agreement, including, without limitation, its intervening law rights relating to the following actions, which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further government review: *Verizon v. FCC, et. al*, 535 U.S. 467 (2002); *USTA, et. al v. FCC*, 290 F.3d 415 (D.C. Cir. 2002) and following remand and appeal, *USTA v. FCC*, 359 F.3d 554 (D.C. Cir. 2004); the FCC's Triennial Review Order, CC Docket Nos. 01-338, 96-98 and 98-147 (FCC 03-36) including, without limitation, the FCC's MDU Reconsideration Order (FCC 04-191) (rel. Aug. 9, 2004) and the FCC's Order on Reconsideration (FCC 04-248) (rel. Oct. 18, 2004), and the FCC's Biennial Review Proceeding; the FCC's Order on Remand (FCC 04-290), WC Docket No. 04-313 and CC Docket No. 01-338 (rel. Feb. 4, 2005) ("TRO Remand Order"); the FCC's Report and Order and Notice of Proposed Rulemaking (FCC 05-150), CC Docket Nos. 02-33, 01-337, 95-20, 98-10 and WC Docket Nos. 04-242 and 05-271 (rel. Sept. 23, 2005) ("Title I Order"); the FCC's Supplemental Order Clarification (FCC 00-183) (rel. June 2, 2000), in CC Docket 96-98; and the FCC's Order on Remand and Report and Order in CC Dockets No. 96-98 and 99-68, 16 FCC Rcd 9151 (2001), (rel. April 27, 2001), which was remanded in WorldCom, Inc. v. FCC, 288 F.3d 429 (D.C. Cir. 2002) and as to the FCC's Notice of Proposed Rulemaking as to Intercarrier Compensation, CC Docket 01-92 (Order No. 01-132) (rel. April 27, 2001) (collectively "Government Actions"). Notwithstanding anything to the contrary in this Agreement (including without limitation, this Appendix and/or Attachment), AT&T-13STATE shall have no obligation to provide UNEs, combinations of UNEs, combinations of UNE(s) and CLEC's own elements or UNEs in commingled arrangements beyond those required by the Act, including the lawful and effective FCC rules and associated FCC and judicial orders. In the event that a state or federal regulatory or legislative body or a court of competent jurisdiction, in any proceeding finds, rules and/or otherwise orders that any of the UNEs and/or UNE combinations provided for under this Agreement do not meet the necessary and impair standards set forth in Section 251(d)(2) of the Act, the affected provision will be immediately invalidated, modified or stayed as required to effectuate the subject order 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 required 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 interpretations of the actions required or the provisions affected by such order shall be handled under the Dispute Resolution Procedures set forth in this Agreement.

APPENDIX WHITE PAGES

TABLE OF CONTENTS

INTRODUCTION....1
SERVICE PROVIDED....2
USE OF SUBSCRIBER LISTING INFORMATION....3
PRICING....4
LIABILITY....5
BREACH OF CONTRACT....6

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 Lawful 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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin.

1.3 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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, and AT&T Oklahoma the applicable AT&T-owned ILEC(s) doing business in Arkansas, Kansas, Missouri and Oklahoma.

1.5 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 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 Company 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 Company 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 Company 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 Company 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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas the applicable above listed ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma and Texas.

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

1.24 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 ILEC Territory. 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.

2.5 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 one (1) Business Day 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, 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 CLEC's 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, or the equivalent size as other local service providers listed on the same 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 the information to be published on the information page according to the instructions provided on AT&T CLEC Online web site. 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, at the prices set forth in the attached, state-specific Exhibit 1 to 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 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.

XDSL AND LINE SPLITTING APPENDIX

TABLE OF CONTENTS

GENERAL 1
LOOP MAKEUP INFORMATION AND ORDERING 2
PROVISIONING INTERVALS 3
LOOP CONDITIONING 4
SPECTRUM MANAGEMENT 5
SPLITTERS 6
PRICING/RATES. 7
DEFINITIONS APPLICABLE TO THIS APPENDIX 8

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. 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. 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. 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): three (3) 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. 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. 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. 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. 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. 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 BCR

TABLE OF CONTENTS

INTRODUCTION.....1
DEFINITIONS.....2
SCOPE OF APPENDIX.....3
RESPONSIBILITIES OF THE PARTIES.....4
COMPENSATION.....5
DISCLAIMER OF REPRESENTATIONS AND WARRANTIES.....6

APPENDIX BCR
(Billing, Collecting and Remitting)

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions that apply to those telecommunications services for which charges are billed and collected by one Local Exchange Carrier (LEC) or CLEC but earned by another LEC; and to establish procedures for the billing, collecting and remitting of such charges and for compensation for the services performed in connection with the billing, collecting and remitting of such charges.

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

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

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

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

1.6 AT&T SOUTHWEST REGION 5-STATE - As used herein, AT&T SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas the applicable above listed ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma and Texas.

1.7 AT&T TEXAS - As used herein, AT&T TEXAS means Southwestern Bell Telephone Company d/b/a AT&T Texas, the applicable AT&T-owned ILEC doing business in Texas.

1.8 The prices at which AT&T SOUTHWEST REGION 5-STATE agrees to provide CLEC with BCR services are contained in the applicable Appendix Pricing and/or the applicable Commissioned ordered tariff where stated.

2. DEFINITIONS

2.1 "Telcordia Client Company Calling Card and Third Number Settlement System" (BCC CATS) - Nationwide system used to produce information reports that are used in the settlement of LEC revenues recorded by one BCC (or LEC) and billed to an End User of another BCC (or LEC) as described in accordance with the Telcordia Practice BR 981-200-110.

2.2 "Charges" - the amount approved or allowed by the appropriate regulatory authority to be billed to an End User for any of the services described in Section 3, rendered by a LEC to an End User.

2.3 "Compensation" - the amount to be paid by one Party to the other Party for billing, collecting and remitting of charges as set forth in Section 5.

2.4 "IntraLATA" - within a Local Access Transport Area (LATA) - IntraLATA messages are those messages, either intrastate or interstate, which originate and terminate within a LATA. The term "IntraLATA messages," as used herein, shall only include those that qualify for the Telcordia Client Company BCC CATS process.

2.5 "InterLATA" - between Local Access and Transport Areas (LATAs) as defined in the FCC's CC Docket No. 78-72. InterLATA messages are those messages, which originate in one LATA and terminate, in a different LATA. The term "InterLATA messages" as used herein, shall only include those that qualify for the Telcordia Client Company BCC CATS process.

2.6 "Local Exchange Carrier" (LEC) - as used in this Appendix shall mean those Local Exchange Carriers or Competitive Local Exchange Carriers using BCC CATS as a message tracking system.

2.7 "Local Message" - Local messages are those messages that originate and terminate within the area defined as the local service area of the station from which the message originates.

2.8 "Revenues" - the sum of all or part of the charges as defined above.

3. SCOPE OF APPENDIX

3.1 This Appendix shall apply to AT&T SOUTHWEST REGION 5-STATE procedures for the billing; collecting and remitting of revenues (and compensation to either Party for billing, collecting and remitting of such revenues) derived from the following services:

3.2 LEC-carried (traffic transported by facilities belonging to a LEC) local messages of the following types:

3.2.1 Local Message Service Charges Billed to a Calling Card or to a Third Number.

3.2.2 Directory Assistance Calls Charged to a Calling Card or to a Third Number.

3.2.3 Public Land Mobile Radiotelephone Transient-Unit Local Message Service (Mobile Channel Usage Link Charge).

3.2.4 Maritime Mobile Radiotelephone Service and Aviation Radiotelephone Service (Marine, Aircraft, High Speed Train Radio Link Charges).

3.3 LEC-carried Interstate IntraLATA and Interstate InterLATA telecommunications services that qualify for and flow through the BCC CATS process as addressed in the Telcordia Practice BR 981-200-110, of the following types: paragraph 3.3 is applicable) only when AT&T SOUTHWEST REGION 5-STATE company is the CMDS Host Company.

3.3.1 Interstate IntraLATA Toll Service carried by an LEC and charged to a Calling Card or a Third Number.

3.3.2 Interstate InterLATA Toll Service carried by an LEC and charged to a Calling Card or a Third Number.

3.3.3 Radio Link Charges where service is provided by one LEC and billed by another LEC.

4. RESPONSIBILITIES OF THE PARTIES

4.1 CLEC agrees to bill, collect and remit to AT&T SOUTHWEST REGION 5-STATE the charges for the services described in Section 3.2 which charges are earned by any LEC (including AT&T SOUTHWEST REGION 5-STATE), but which are to be billed to End Users of the CLEC.

4.2 In those cases in which the charges for the services listed in Section 3.2 above are due any LEC other than AT&T SOUTHWEST REGION 5-STATE. AT&T SOUTHWEST REGION 5-STATE will arrange to transfer these and charges to the appropriate company in accordance with accepted industry standards.

4.3 Charges for the services listed in Section 3.2 above to be billed, collected and remitted by CLEC for AT&T SOUTHWEST REGION 5-STATE benefit, shall be remitted by CLEC to AT&T SOUTHWEST REGION 5-STATE within thirty (30) calendar days of the date of AT&T SOUTHWEST REGION 5-STATE bill to CLEC for such services.

4.4 AT&T SOUTHWEST REGION 5-STATE agrees to bill and collect (or to have another LEC bill and collect, where appropriate), and to remit to CLEC, the charges for the services described in Section 3.2 above, which charges are earned by CLEC, but which are to be billed by another LEC (including AT&T SOUTHWEST REGION 5-STATE) to the End Users of that LEC.

4.5 Charges for the services listed in Section 3.2 above to be billed, collected and remitted by AT&T SOUTHWEST REGION 5-STATE or another LEC for CLEC's benefit, shall be remitted by AT&T

SOUTHWEST REGION 5-STATE to CLEC within thirty (30) calendar days of the date of CLEC's bill to AT&T SOUTHWEST REGION 5-STATE for such services.

4.6 The full amount of the charges transmitted to either Party for billing, collecting and remitting shall be remitted by the other Party, without setoff, abatement or reduction for any purpose, other than to deduct the compensation, as described in Section 5 below, due the Party for performing the End User billing function. The Party billing the End User shall be responsible for all uncollectible amounts related to the services described remitted in Section 3.2 and 3.3 above. Notwithstanding this paragraph, AT&T SOUTHWEST REGION 5-STATE may net amounts due to CLEC under this Appendix against amounts owed to AT&T SOUTHWEST REGION 5-STATE when AT&T SOUTHWEST REGION 5-STATE renders a bill to CLEC hereunder.

4.7 Each Party will furnish to the other such information as may be required for monthly billing and remitting purposes.

5. COMPENSATION

5.1 A Party performing the services described in Section 3.2 and Section 3.3 above will compensate the other Party for each charge billed at the rates set forth in Appendix Pricing. Such compensation shall be paid (unless a Party has collected such compensation as described in Section 4.6 above) within thirty (30) calendar days of the date of a bill for such compensation by the Party performing (or which has another LEC perform for it), the billing, collecting and remitting functions described in Section 4.

6. DISCLAIMER OF REPRESENTATIONS AND WARRANTIES

6.1 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. 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.

APPENDIX CH

TABLE OF CONTENTS

INTRODUCTION....1
CLEARINGHOUSE DESCRIPTION....2
QUALIFYING MESSAGE CRITERIA....3
RESPONSIBILITIES OF THE PARTIES....4
PROCESSING CHARGE....5
BILLING CHARGE....6
SETTLEMENT REPORT....7
RETROACTIVE AND LOST MESSAGES....8
LIMITATION OF LIABILITY....9
DISCLAIMER OF WARRANTIES....10

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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin.

1.3 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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, and AT&T Oklahoma the applicable AT&T-owned ILEC(s) doing business in Arkansas, Kansas, Missouri and Oklahoma.

1.5 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 Company 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 Company 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 Company 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 Company 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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas the applicable above listed ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.

1.23 AT&T TEXAS - As used herein, AT&T TEXAS means Southwestern Bell Telephone Company d/b/a AT&T Texas, the applicable AT&T-owned ILEC doing business in Texas.

1.24 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's 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's 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 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 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 hereunder during the period beginning at the time AT&T SOUTHWEST REGION 5-STATE receives notice of the error, interruption, defect, failure or malfunction, to 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.

APPENDIX NON-INTERCOMPANY SETTLEMENT (NICS)

TABLE OF CONTENTS

INTRODUCTION....1
DEFINITIONS....2
NON-INTERCOMPANY SETTLEMENT (NICS) DESCRIPTION....3
RESPONSIBILITIES OF THE PARTIES....4
BASIS OF COMPENSATION....5
TERM OF AGREEMENT....6

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.

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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin.

1.3 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.

1.4 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.

1.5 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:

2.2.1 New England Telephone Company
2.2.2 New York Telephone Company
2.2.3 Bell Atlantic, NJ
2.2.4 Bell Atlantic, PA
2.2.5 Bell Atlantic, DE
2.2.6 Bell Atlantic, DC
2.2.7 Bell Atlantic, MD
2.2.8 Bell Atlantic, VA
2.2.9 Bell Atlantic, WV

2.2.10 Southern Bell Telephone Company
2.2.11 South Central Bell Telephone Company
2.2.12 The Ohio Bell Telephone Company d/b/a AT&T Ohio
2.2.13 Michigan Bell Telephone Company d/b/a AT&T Michigan
2.2.14 Indiana Bell Telephone Company Incorporated d/b/a AT&T Indiana
2.2.15 Illinois Bell Telephone Company d/b/a AT&T Illinois
2.2.16 Wisconsin Bell Telephone Company d/b/a AT&T Wisconsin
2.2.17 Northwestern Bell Telephone Company
2.2.18 Southwestern Bell Telephone Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas
2.2.19 Mountain Bell Telephone Company
2.2.20 Pacific Bell Telephone Company d/b/a AT&T California
2.2.21 Nevada Bell Telephone Company d/b/a AT&T Nevada
2.2.22 The Southern New England Telephone Company
2.2.23 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 message 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.

APPENDIX
PERFORMANCE MEASUREMENTS

TABLE OF CONTENTS

INTRODUCTION.....1

APPENDIX PERFORMANCE MEASUREMENTS

1. INTRODUCTION

1.1 AT&T MIDWEST REGION 5-STATE means the AT&T ILECs as identified in the General Terms and Conditions operating in the States of Illinois, Indiana, Michigan, Ohio and Wisconsin. The performance measurements and remedy plan referenced herein, notwithstanding any provisions in any other appendix in this Agreement, are not intended to create, modify or otherwise affect Parties' rights and obligations. 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 MIDWEST REGION 5-STATE 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 state Commission decisions/regulations, tariffs, and within this interconnection agreement.

1.2 Performance Measurements means the set of performance measurements approved by the specific State Commission in the state-specific proceeding(s) listed in Section 1.8 below. The first set of measurements effective under this agreement is that first submitted in the proceeding listed in Section 1.8 below after October 15, 2007. For purposes of implementation, such measures shall be effective as of December 1, 2007 for performance beginning with December 2007 results, except for Michigan, where these measurements will be effective with the first full month of performance after Commission approval of the measures.

1.3 AT&T Midwest Remedy Plan means the first remedy plan filed for State Commission review and approved in the state-specific proceeding listed in Section 1.8 below on or after October 15, 2007. For purposes of implementation, that remedy plan shall be effective as of December 1, 2007 for performance beginning with December 2007 results, except for Michigan, where the remedy plan will be effective with the first full month of performance after Commission approval of the plan.

1.4 Any subsequent Commission-approved additions, modifications and/or deletions to the Performance Measurements, shall be automatically incorporated into this Agreement by reference in the first full month following the effective date of the Commission's order, or as otherwise agreed-to by the Parties.

1.5 Any future Commission-ordered additions, modifications and/or deletions to the AT&T Midwest Remedy Plan (and its supporting documents) in the proceedings or under the Rule as listed in Section 1.8 below, or any successor proceeding or Rule, to which no Party has objected, shall be automatically incorporated into this Interconnection Agreement by reference in the first full month following the effective date of the Commission's order, or as otherwise agreed by the Parties.

1.6 AT&T MIDWEST REGION 5-STATE's agreement to implement this Performance Measurements Plan will not be considered as an admission against interest or an admission of liability in any legal, regulatory, or other proceeding relating to the same performance. AT&T MIDWEST REGION 5-STATE and CLEC agree that CLEC may not use the existence of this Plan as evidence that AT&T MIDWEST REGION 5-STATE has discriminated in the provision of any facilities or services under Sections 251 or 252, or has violated any state or federal law or regulation. AT&T MIDWEST REGION 5-STATE's conduct underlying its performance measures, and the performance data provided under the performance measures, however, are not made inadmissible by these terms. Any CLEC accepting this performance measurements plan agrees that AT&T MIDWEST REGION 5-STATE's performance with respect to this plan may not be used as an admission of liability or culpability for a violation of any state or federal law or regulation.

1.7 Nothing herein shall be interpreted to be a waiver of AT&T MIDWEST REGION 5-STATE's right to argue and contend in any forum, in the future, that sections 251 and 252 of the Telecommunications Act of 1996 impose no duty or legal obligation to negotiate and/or mediate or arbitrate a self-executing liquidated damage and remedy plan.

1.8 Sources of Commission authority over Performance Measures and/or the AT&T Midwest Remedy Plan:

- Illinois – 83 IL. Administrative Code Part 731
- Indiana – Cause No. 41657

- Michigan – Case No. U-11830
- Ohio – Case No. 00-942-TP-COI
- Wisconsin – 6720-TI-198 (Performance Measurements only)
- Wisconsin – AT&T Midwest Remedy Plan as approved by the Commission in CLEC-specific ICA

1.9 Provisions of this Performance Measurements Appendix will terminate in accordance with Section 6.5 (Section 6.6 for Illinois and Michigan) of the AT&T Midwest Remedy Plan.

APPENDIX
PERFORMANCE MEASUREMENTS

(SOUTHWESTERN BELL TELEPHONE COMPANY d/b/a AT&T ARKANSAS, AT&T KANSAS, AT&T MISSOURI, AT&T OKLAHOMA AND/OR AT&T TEXAS
- COMMISSION ORDERED)

TABLE OF CONTENTS

INTRODUCTION.....1

APPENDIX PERFORMANCE MEASUREMENTS

1. INTRODUCTION

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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin.

1.2 AT&T SOUTHWEST REGION 5-STATE - As used herein, AT&T SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas the applicable above listed ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma and Texas.

1.3 As used herein, the term "Service Bureau Provider" means a company which has been engaged by CLEC to act on behalf of the CLEC for purposes of accessing AT&T-owned ILEC's OSS application-to-application interfaces.

1.4 The performance measurements referenced herein, notwithstanding any provisions in any other appendix in this Agreement, are not intended to create, modify or otherwise affect Parties' rights and obligations. 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 SOUTHWEST REGION 5-STATE 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.

1.5 Except as otherwise provided herein, the service performance measures most recently ordered by the State Commission that approved this Agreement under Section 252(e) of the Act (The Performance Measurements Plan) are incorporated herein. Any subsequently Commission-ordered additions, modifications and/or deletions to such plan and its supporting documents, shall be incorporated into this Agreement by reference and shall supersede and supplant all performance measurements previously agreed to by the Parties.

1.6 AT&T SOUTHWEST REGION 5-STATE's agreement to implement this Performance Measures Plan will not be considered as an admission against interest or an admission of liability in any legal, regulatory, or other proceeding relating to the same performance. AT&T SOUTHWEST REGION 5-STATE and CLEC agree that CLEC may not use the existence of this Plan as evidence that AT&T SOUTHWEST REGION 5-STATE has discriminated in the provision of any facilities or services under Sections 251 or 252, or has violated any state or federal law or regulation. AT&T SOUTHWEST REGION 5-STATE's conduct underlying its performance measures, and the performance data provided under the performance measures, however, are not made inadmissible by these terms. Any CLEC accepting this performance plan agrees that AT&T SOUTHWEST REGION 5-STATE's performance with respect to this plan may not be used as an admission of liability or culpability for a violation of any state or federal law or regulation.

1.7 Enforcement measures through liquidated damages for failure to meet certain performance measures, set referenced in this Attachment, are available via a stand alone Performance Remedy Plan.

APPENDIX PRICING
(CALIFORNIA)

TABLE OF CONTENTS

INTRODUCTION.....1
BILLING TIMELINES.....2
RECURRING CHARGES .....ERROR! BOOKMARK NOT DEFINED.
NONRECURRING CHARGES 4
BILLING.....5

APPENDIX PRICING
(CALIFORNIA)

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions under which the applicable AT&T Inc. (AT&T) owned Incumbent Local Exchange Carrier (ILEC) provides pricing below and divided into the following five categories: Unbundled Network Elements, 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 Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin.

1.3 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 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 one or more Commission-established Rates in any decision, order, resolution, or other ruling of general applicability ("Order") to the Interconnection, 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, unless otherwise provided for by said Commission or FCC Order. Following such Rate Change Notice by either Party, and without the need for any formal amendment or further Commission action, unless otherwise provided for by Commission or FCC Order, 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, unless otherwise provided for by the Commission or FCC Order. In addition, unless otherwise provided for by the Commission or FCC Order, 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.

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 Ruling, unless otherwise provided for by the 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 on a prospective basis only. Further, the Parties 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, absent a Ruling to the contrary.

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 becomes effective (following the date the Agreement is approved or deemed to have been approved by the Commission).

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 have been deemed interim rates by the Commission ("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 ("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 unless otherwise provided for by the Commission. Following such Rate Notice, and without the need for any formal amendment or further Commission action, AT&T CALIFORNIA will update CLEC's billing tables to replace the Current Interim Rates with their Replacement Rate(s) counterpart(s), as specified in the Rate Notice, unless otherwise provided for by the Commission. Nonetheless, the Parties shall negotiate a conforming amendment to reflect such replacement and submit such amendment to the Commission for approval, unless otherwise provided for by the Commission.

1.6.1 If the 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 CALIFORNIA 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, unless otherwise provided for by the Commission.

1.6.2 In the event that neither Party issues a Rate Notice to the other Party with respect to a Commission order, the Current Interim Rate(s) set forth in the Agreement shall continue to apply notwithstanding the issuance of that order, unless otherwise provided for by the Commission.

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 Commission 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 on a prospective basis only unless otherwise provided for by the Commission. 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, unless otherwise provided for by the Commission.

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 Commission order became effective, either Party may still give a Rate Notice, and the Replacement Rate(s) shall be effective as of the date the Parties' Agreement becomes effective (following the date the Agreement is approved or deemed to have been approved by the Commission).

1.7 The Parties acknowledge that, the California Public Utilities Commission ("CPUC") established rates for certain Unbundled Network Elements ("UNE") in the Open Architecture Network And Design ("OANAD") Proceeding. The Parties further acknowledge that the CPUC established certain UNE rates in D. 99-011-50, some of which were subsequently modified by the CPUC's decisions in D. 02-05-042, D. 02-09-052 and D. 03-07-023. Pursuant to the terms of D. 02-05-042, D. 02-09-052, and D. 03-07-023, certain UNE rates were modified on an interim basis and are subject to retroactive true up pending a final decision by the CPUC in its Proceeding No. A. 01-02-024/A.01-02-035, *et. seq,* approving final recurring rates in the 2001/2002 Consolidated UNE Reexamination Proceeding ("2001/2002 UNE Reexamination Proceeding"). Other UNE rates, including non-recurring rates, are final (*i.e.*, non-interim) rates which may be subject to modification but not subject to true-up. Unless otherwise provided by the CPUC, all interim and final UNE rates set forth in this Agreement shall be automatically replaced and superseded by the final rates established by the CPUC as of the implementation date established by the Commission's decision in the 2001/2002 UNE Reexamination Proceeding, subject to any appeals and associated review.

1.8 Notice to Adopting CLECs

Notwithstanding anything to the contrary in this Appendix and Agreement including, 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 CALIFORNIA 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.

1.9 The following defines the zones found in this Appendix Pricing:

For Loops:

Access Area:	Total Access Lines:
A	See: Schedule CAL P.U.C. #A5, Network and Exchange Services, A5, Section 5.1
B	See: Schedule CAL P.U.C. #A5, Network and Exchange Services, A5, Section 5.1
C	See: Schedule CAL P.U.C. #A5, Network and Exchange Services, A5, Section 5.1

1.10 AT&T CALIFORNIA's obligation to provide Interconnection, Lawful 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 CALIFORNIA 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 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 CALIFORNIA 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:

1.10.1 CLEC shall pay for the Product or Service provisioned to CLEC at the rates set forth in AT&T CALIFORNIA'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 CALIFORNIA's current generic contract rate for the Product or Service, set forth in AT&T CALIFORNIA's applicable state-specific generic pricing schedule as published on AT&T CALIFORNIA's CLEC website; or

1.10.2 CLEC will be billed and shall pay for the product or service as provided in Section 1.10.1, above, and AT&T CALIFORNIA 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 1.10.

1.11 Establishment of "TBD" Rates

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 CALIFORNIA for that Product or Service and incorporated into AT&T CALIFORNIA's current state-specific generic pricing schedule as published on AT&T CALIFORNIA'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 CALIFORNIA provisioned for that Product or Service without the need for any additional modification(s) to this Agreement or further Commission action. AT&T CALIFORNIA 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 CALIFORNIA shall bill CLEC to reflect the application of the Established Rate retroactively to the effective date of the Agreement between the Parties.

1.11.1 AT&T CALIFORNIA'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 CALIFORNIA's right to charge and collect payment for such Products and/or Services.

2. BILLING TIMELINES

2.1 All prices for monthly recurring charges (MRCs) and nonrecurring charges (NRCs) provided for in this Agreement may take a substantial period of time from the Effective Date of this Agreement to implement in AT&T CALIFORNIA's Carrier Access Billing System (CABS).

2.2 Any change of prices for MRCs and NRCs adopted by the CPUC subsequent to the effective date of this agreement may take a substantial period of time from the date of the final order to implement in CABS and shall comply with any Commission timeline.

2.3 Until such time as the prices are implemented in CABS under Section 2.1 or 2.2 above, AT&T CALIFORNIA may continue to bill at the established prices contained within the most recent prior interconnection agreement between the Parties, if any. If there is no prior interconnection agreement between the Parties, AT&T CALIFORNIA shall bill at the prices AT&T CALIFORNIA is currently billing one (1) or more of its other CLEC End Users that, in AT&T CALIFORNIA's good faith judgment, most closely match the prices applicable hereunder.

2.4 Due to this billing implementation time period, a retroactive true up of all such prices, without interest, will be due upon implementation of the new billing. These true ups will be excluded from billing performance results.

2.5 With respect to any rate element and/or charge contained in or referenced in the Appendix Lawful UNEs (or any other Appendix) which is not specifically listed herein or therein, AT&T CALIFORNIA and CLEC will negotiate a price and amend the Agreement to incorporate such price.

3. RECURRING CHARGES

3.1 Unless otherwise identified in the Pricing Tables, where rates are shown as monthly, a month will be defined as a calendar month. The minimum term for each monthly rated Unbundled Network Element (UNE), Other, Resale, Other (Resale), 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 service period for Network Elements provided under the Bona Fide Request (BFR) process set forth in Appendix Lawful UNEs of this Agreement may be longer.

3.2 Where rates (excluding Resale) are based on minutes of use, usage will be accumulated at the end office or other measurement point without any per call rounding and total minutes by end office or other measurement point will then be rounded to the next higher minute. CLEC shall pay for all usage on such completed calls until such time as AT&T CALIFORNIA is able to bill on a per attempt basis.

3.3 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 CALIFORNIA 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 CALIFORNIA will round up to the next whole mile before determining the mileage and applying rates.

3.4 Where rates consist of usage sensitive charges or per occurrence charges, such rates are classified as "recurring charges".

4. NONRECURRING CHARGES

4.1 Nonrecurring Charges are applicable for all five (5) categories of rates.

4.2 Consistent with CFR 51.307(d), there are nonrecurring charges for each Lawful UNE on the first connection on a CLEC order as well as separate nonrecurring charges for each additional connection associated with the same CLEC order at the same CLEC specified premises.

4.3 For Resale, when a CLEC converts or adds new service, an End User's existing service, the normal service order charges and/or non- recurring charges associated with said additions and/or changes will apply.

4.4 The appropriate nonrecurring charges (Service Order Charges and Channel Charges) shall apply for each service request processed by AT&T CALIFORNIA, including but not limited to the following:

4.4.1 Installation (Service Order Connect Charge and Channel Connect Charge);

4.4.2 Disconnection (Service Order Disconnect Charge and Channel Disconnect Charge);

4.4.3 Rearrangement/modification (Service Order Change Charge and Channel Change Charge);

4.4.4 Record Order (Service Order Record Change and Channel Record Charge).

4.5 Some items, which must be individually charged, are billed as nonrecurring charges.

4.6 Time and Material charges (a.k.a. additional labor charges) are defined in AT&T CALIFORNIA's Tariff Schedule Cal P.U.C. No.175-T.

4.7 Where NRC rates are not being addressed in OANAD, the NRC rate is listed on the MRC Pricing Table under the NRC column. The NRC rates that are being addressed in OANAD are identified on the MRC Rate Table under the NRC column with an "at" sign (@) indicating to please see the NRC Rate Table for rates.

5. BILLING

5.1 For information regarding billing, non-payment, disconnects, and dispute resolution, see the General Terms and Conditions of this Agreement.

This Pricing Appendix contains certain recurring rates established with final rates in D. 05-03-026.

		NON-RECURRING											
					Service Order					Channel			
	Notes	Connect	USOC	Disconnect	USOC	Change	USOC	Record	USOC	Connect	Disconnect	Change	Record
CROSS CONNECT													
EISCC - DS0 - INITIAL (CESAR/LEX - SIMPLE)	/1/	$2.08	XOX15, HOX15	$3.29	XOX18, HOX18	$0.00		$0.00		$0.00	$0.00	$0.00	$0.00
EISCC - DS0 - INITIAL (MECHANIZED)	/1/	$0.16	MOX15	$0.16	MOX18	$0.00		$0.00		$0.00	$0.00	$0.00	$0.00
EISCC - DS0 - ADDITIONAL (CESAR/LEX - SIMPLE)	/1/	$0.81	XOX15, HOX15	$0.81	XOX18, HOX18	$0.00		$0.00		$0.00	$0.00	$0.00	$0.00
EISCC - DS0 - ADDITIONAL (MECHANIZED)	/1/	$0.00	MOX15	$0.00	MOX18	$0.00		$0.00		$0.00	$0.00	$0.00	$0.00
EISCC - DS1 - INITIAL (CESAR/LEX - SIMPLE)	/1/	$2.08		$3.29		$0.00		$0.00		$0.00	$0.00	$0.00	$0.00
EISCC - DS1 - INITIAL (MECHANIZED)	/1/	$0.16		$0.16		$0.00		$0.00		$0.00	$0.00	$0.00	$0.00
EISCC - DS1 - ADDITIONAL (CESAR/LEX - SIMPLE)	/1/	$0.81		$0.81		$0.00		$0.00		$0.00	$0.00	$0.00	$0.00
EISCC - DS1 - ADDITIONAL (MECHANIZED)	/1/	$0.00		$0.00		$0.00		$0.00		$0.00	$0.00	$0.00	$0.00
EISCC - DS3 - INITIAL (CESAR/LEX - SIMPLE)	/1/	$2.08	CDS3S, HOX82	$3.29	CDS3D, HOX96	$0.00		$0.00		$0.00	$0.00	$0.00	$0.00
EISCC - DS3 - INITIAL (MECHANIZED)	/1/	$0.16	MOX82	$0.16	MOX96	$0.00		$0.00		$0.00	$0.00	$0.00	$0.00
EISCC - DS3 - ADDITIONAL (CESAR/LEX - SIMPLE)	/1/	$0.81	CDS3S, HOX82	$0.81	CDS3D, HOX96	$0.00		$0.00		$0.00	$0.00	$0.00	$0.00
EISCC - DS3 - ADDITIONAL (MECHANIZED)	/1/	$0.00		$0.00		$0.00		$0.00		$0.00	$0.00	$0.00	$0.00
UNBUNDLED SERVICE CROSS CONNECT (DS0) - INITIAL (CESAR/LEX - SIMPLE)	/1/	$2.08	XOX5O, HOX5O	$3.29	XOX52, HOX52	$0.00		$0.00		$0.00	$0.00	$0.00	$0.00
UNBUNDLED SERVICE CROSS CONNECT (DS0) - INITIAL (MECHANIZED)	/1/	$0.16	MOX5O	$0.16	MOX52	$0.00		$0.00		$0.00	$0.00	$0.00	$0.00
UNBUNDLED SERVICE CROSS CONNECT (DS0) - ADDITIONAL (CESAR/LEX - SIMPLE)	/1/	$0.81	XOX5O, HOX5O	$0.81	XOX52, HOX52	$0.00		$0.00		$0.00	$0.00	$0.00	$0.00
UNBUNDLED SERVICE CROSS CONNECT (DS0) - ADDITIONAL (MECHANIZED)	/1/	$0.00		$0.00		$0.00		$0.00		$0.00	$0.00	$0.00	$0.00
MULTIPLEXING													
MULTIPLEXING DS1/DS0 (CESAR/LEX - SIMPLE)	/1/	$4.05	MQ1UC, HOX91	$4.05	MQ1UD, HOX99	$0.00		$0.00		$80.12	$36.13	$0.00	$0.00
MULTIPLEXING DS1/DS0 (MECHANIZED)	/1/	$0.16		$0.16		$0.00		$0.00		$80.12	$36.13	$0.00	$0.00
MULTIPLEXING DS3/DS1 (CESAR/LEX - SIMPLE)	/1/	$4.05	MQ3UC, HOX91	$4.05	MQ3UD, HOX99	$0.00		$0.00		$84.17	$36.32	$0.00	$0.00
MULTIPLEXING DS3/DS1 (MECHANIZED)	/1/	$0.16		$0.16		$0.00		$0.00		$84.17	$36.32	$0.00	$0.00
INTEROFFICE TRANSMISSION FACILITIES (IOF) DEDICATED TRANSPORT													
DIGITAL DEDICATED TRANSPORT DS1 - INITIAL (MANUAL/FAX COMPLEX)	/1/	$72.75	HOX88	$44.91	HOX98	$0.00		$42.48	HOCH3	$67.62	$35.81	$0.00	$0.00
DIGITAL DEDICATED TRANSPORT DS1 - INITIAL (CESR/LEX - COMPLEX)	/1/	$46.65	1L5UC	$18.81	1L5UD	$0.00		$14.77	SOCH3	$67.62	$35.81	$0.00	$0.00
DIGITAL DEDICATED TRANSPORT DS1 - INITIAL (MECHANIZED)	/1/	$0.73	MOX88	$0.73	MOX98	$0.00		$0.00		$67.62	$35.81	$0.00	$0.00
DIGITAL DEDICATED TRANSPORT DS1 - ADDITIONAL (MANUAL/FAX - COMPLEX)	/1/	$5.66	HOX88	$2.43	HOX98	$0.00		$0.00		$57.35	$29.97	$0.00	$0.00
DIGITAL DEDICATED TRANSPORT DS1 - ADDITIONAL (CESAR/LEX - COMPLEX)	/1/	$5.66	1L5UC	$2.43	1L5UD	$0.00		$0.00		$57.35	$29.97	$0.00	$0.00
DIGITAL DEDICATED TRANSPORT DS1 - ADDITIONAL (MECHANIZED)	/1/	$0.00	MOX88	$0.00	MOX98	$0.00		$0.00		$57.35	$29.97	$0.00	$0.00
DIGITAL DEDICATED TRANSPORT DS3 - INITIAL (MANUAL/FAX - COMPLEX)	/1/	$72.75	HOX88	$44.91	HOX98	$0.00		$42.48	HOCH3	$67.25	$35.81	$0.00	$0.00
DIGITAL DEDICATED TRANSPORT DS3 - INITIAL (CESR/LEX COMPLEX)	/1/	$46.65	1L5UC	$18.81	1L5UD	$0.00		$14.77	SOCH3	$67.25	$35.81	$0.00	$0.00
DIGITAL DEDICATED TRANSPORT DS3 - INITIAL (MECHANIZED)	/1/	$0.73	MOX88	$0.73	MOX98	$0.00		$0.00		$67.25	$35.81	$0.00	$0.00
DIGITAL DEDICATED TRANSPORT DS3 - ADDITIONAL (MANUAL/FAX - COMPLEX)	/1/	$5.66	HOX88	$2.43	HOX98	$0.00		$0.00		$57.35	$29.97	$0.00	$0.00
DIGITAL DEDICATED TRANSPORT DS3 - ADDITIONAL (CESAR/LEX - COMPLEX)	/1/	$5.66	1L5UC	$2.43	1L5UD	$0.00		$0.00		$57.35	$29.97	$0.00	$0.00
DIGITAL DEDICATED TRANSPORT DS3 - ADDITIONAL (MECHANIZED)	/1/	$0.00	MOX88	$0.00	MOX98	$0.00		$0.00		$57.35	$29.97	$0.00	$0.00

This Pricing Appendix contains certain recurring rates established with final rates in D. 05-03-026.

		NON-RECURRING											
					Service Order					Channel			
	Notes	Connect	USOC	Disconnect	USOC	Change	USOC	Record	USOC	Connect	Disconnect	Change	Record
LINK	/1/												
4 WIRE - INITIAL (MANUAL/FAX - COMPLEX)	/1/	63.06	HOX55	$49.90	HOX56	$53.09	HOX57	$47.50	HOCH7	$28.84	$10.41	$11.40	$0.00
4 WIRE - INITIAL (CESAR/LEX - COMPLEX)	/1/	$35.09	XOX55	$21.57	XOX56	$24.00	XOX57	$19.61	SOCH7	$28.84	$10.41	$11.40	$0.00
4 WIRE - INITIAL (MECHANIZED)	/1/	$0.16		$0.16		$0.16		$0.00		$28.84	$10.41	$11.40	$0.00
4 WIRE - ADDITIONAL (MANUAL/FAX - COMPLEX)	/1/	$3.69	HOX55	$3.64	HOX56	$1.94	HOX57	$0.00	HOCH7	$18.95	$7.43	$0.00	$0.00
4 WIRE - ADDITIONAL (CESAR/LEX - COMPLEX)	/1/	$3.69	XOX55	$3.64	XOX56	$1.94	XOX57	$0.00	SOCH7	$18.95	$7.43	$0.00	$0.00
4 WIRE - ADDITIONAL (MECHANIZED)	/1/	$0.00		$0.00		$0.00		$0.00		$18.95	$7.43	$0.00	$0.00
ASSURED - INITIAL (MANUAL/FAX - SIMPLE)	/1/	$57.53	HOX12	$48.94	HOX14	$52.25	HOX13	$47.42	HOCH2	$18.66	$8.54	$15.43	$0.00
ASSURED - INITIAL (CESAR/LEX - SIMPLE)	/1/	$29.93	XOX12	$21.03	XOX14	$24.33	XOX13	$19.58	SOCH2	$18.66	$8.54	$15.43	$0.00
ASSURED - INITIAL (MECHANIZED)	/1/	$0.16	MOX12	$0.16	MOX14	$0.16	MOX13	$0.00		$18.66	$8.54	$15.43	$0.00
ASSURED - ADDITIONAL (MANUAL/FAX - SIMPLE)	/1/	$3.24	HOX12	$1.85	HOX14	$2.02	HOX13	$0.00	HOCH2	$12.53	$5.75	$0.00	$0.00
ASSURED - ADDITIONAL (CESAR/LEX - SIMPLE)	/1/	$3.24	XOX12	$1.85	XOX14	$2.02	XOX13	$0.00	SOCH2	$12.53	$5.75	$0.00	$0.00
ASSURED - ADDITIONAL (MECHANIZED)	/1/	$0.00	MOX12	$0.00	MOX14	$0.00	MOX13	$0.00		$12.53	$5.75	$0.00	$0.00
BASIC - INITIAL (MANUAL/FAX - SIMPLE)	/1/	$57.53	HOXO8	$48.94	HOX1O	$52.25	HOX69	$47.42	HOCH2	$18.56	$8.57	$15.50	$0.00
BASIC - INITIAL (CESAR/LEX - SIMPLE)	/1/	$29.93	XOXO8	$21.03	XOX1O	$24.33	XOX60	$19.58	SOCH2	$18.56	$8.57	$15.50	$0.00
BASIC - INITIAL (MECHANIZED)	/1/	$0.16	MOXO8	$0.16	MOX1O	$0.16	MOX69	$0.00		$18.56	$8.57	$15.50	$0.00
BASIC - ADDITIONAL (MANUAL/FAX - SIMPLE)	/1/	$3.24	HOXO8	$1.85	HOX1O	$2.02	HOX69	$0.00	HOCH2	$12.67	$5.77	$0.00	$0.00
BASIC - ADDITIONAL (CESAR/LEX - SIMPLE))	/1/	$3.24	XOXO8	$1.85	XOX1O	$2.02	XOX60	$0.00	SOCH2	$12.67	$5.77	$0.00	$0.00
BASIC - ADDITIONAL (MECHANIZED)	/1/	$0.00	MOXO8	$0.00	MOX1O	$0.00	MOX69	$0.00		$12.67	$5.77	$0.00	$0.00
DIGITAL DS1 COPPER - INITIAL (MANUAL/FAX - COMPLEX)	/1/	$63.06	HOX32	$49.90	HOX34	$53.09	HOX33	$47.50	HOCH2	$104.59	$13.44	$0.00	$0.00
DIGITAL DS1 COPPER - INITIAL (CESAR/LEX - COMPLX)	/1/	$35.09	XOX32	$21.57	XOX34	$24.00	XOX33	$19.61	SOCH2	$104.59	$13.44	$0.00	$0.00
DIGITAL DS1 COPPER - INITIAL (MECHANIZED)	/1/	$0.16	MOX32	$0.16	MOX34	$0.16		$0.00		$104.59	$13.44	$0.00	$0.00
DIGITAL DS1 COPPER - ADDITIONAL (MANUAL/FAX - COMPLEX)	/1/	$3.69	HOX32	$3.64	HOX34	$1.94	HOX33	$0.00	HOCH2	$58.25	$10.73	$0.00	$0.00
DIGITAL DS1 COPPER - ADDITIONAL (CESAR/LEX - COMPLEX)	/1/	$3.69	XOX32	$3.64	XOX34	$1.94	XOX33	$0.00	SOCH2	$58.25	$10.73	$0.00	$0.00
DIGITAL DS1 COPPER - ADDITIONAL (MECHANIZED)	/1/	$0.00	MOX32	$0.00	MOX34	$0.00		$0.00		$58.25	$10.73	$0.00	$0.00
DIGITAL DS1 FIBER - INITIAL (MANUAL/FAX - COMPLEX)	/1/	$63.06		$49.90		$53.09		$47.50		$108.56	$17.38	$0.00	$0.00
DIGITAL DS1 FIBER - INITIAL (CESAR/LEX - COMPLEX)	/1/	$35.09		$21.57		$24.00		$19.61		$108.56	$17.38	$0.00	$0.00
DIGITAL DS1 FIBER - INITIAL (MECHANIZED)	/1/	$0.16		$0.16		$0.16		$0.00		$108.56	$17.38	$0.00	$0.00
DIGITAL DS1 FIBER - ADDITIONAL (MANUAL/FAX - COMPLEX)	/1/	$3.69		$3.64		$1.94		$0.00		$61.00	$14.67	$0.00	$0.00
DIGITAL DS1 FIBER - ADDITIONAL (CESAR/LEX - COMPLEX)	/1/	$3.69		$3.64		$1.94		$0.00		$61.00	$14.67	$0.00	$0.00
DIGITAL DS1 FIBER - ADDITIONAL (MECHANIZED)	/1/	$0.00		$0.00		$0.00		$0.00		$61.00	$14.67	$0.00	$0.00
ISDN LINK - INITIAL (MANUAL/FAX - COMPLEX)	/1/	$63.06	HOX32	$49.90	HOX34	$53.09	HOX33	$47.50	HOCH2	$18.55	$8.57	$15.50	$0.00
ISDN LINK - INITIAL (CESAR/LEX - COMPLEX)	/1/	$35.09	XOX32	$21.57	XOX34	$24.00	XOX33	$19.61	SOCH2	$18.55	$8.57	$15.50	$0.00
ISDN LINK - INITIAL (MECHANIZED)	/1/	$0.16	MOX32	$0.16	MOX34	$0.16		$0.00		$18.55	$8.57	$15.50	$0.00
ISDN LINK - ADDITIONAL (MANUAL/FAX - COMPLEX)	/1/	$3.69	HOX32	$3.64	HOX34	$1.94	HOX33	$0.00	HOCH2	$12.67	$5.68	$0.00	$0.00
ISDN LINK - ADDITIONAL (CESAR/LEX - COMPLEX)	/1/	$3.69	XOX32	$3.64	XOX34	$1.94	XOX33	$0.00	SOCH2	$12.67	$5.68	$0.00	$0.00
ISDN LINK - ADDITIONAL (MECHANIZED)	/1/	$0.00	MOX32	$0.00	MOX34	$0.00		$0.00		$12.67	$5.68	$0.00	$0.00
PBX LINK - INITIAL (MANUAL/FAX - COMPLEX)	/1/	$57.53	HOXO8	$48.94	HOX1O	$52.25	HOX33	$47.42	HOCH2	$18.56	$8.57	$15.50	$0.00
PBX LINK - INITIAL (CESAR/LEX - COMPLEX)	/1/	$29.93	XOXO8	$21.03	XOX1O	$24.33	XOX33	$19.58	SOCH2	$18.56	$8.57	$15.50	$0.00
PBX LINK - INITIAL (MECHANIZED)	/1/	$0.16	MOXO8	$0.16	MOX1O	$0.16		$0.00		$18.56	$8.57	$15.50	$0.00
PBX LINK - ADDITIONAL (MANUAL/FAX - COMPLEX)	/1/	$3.24	HOXO8	$1.85	HOX1O	$2.02	HOX33	$0.00	HOCH2	$12.67	$5.77	$0.00	$0.00
PBX LINK - ADDITIONAL (CESAR/LEX - COMPLEX)	/1/	$3.24	XOXO8	$1.85	XOX1O	$2.02	XOX33	$0.00	SOCH2	$12.67	$5.77	$0.00	$0.00
PBX LINK - ADDITIONAL (MECHANIZED)	/1/	$0.00	MOXO8	$0.00	MOX1O	$0.00		$0.00		$12.67	$5.77	$0.00	$0.00
COIN LINK - INITIAL (MANUAL/FAX - COMPLEX)	/1/	$57.53	HOXO8	$48.94	HOXO8	$52.25	HOX33	$47.42	HOCH2	$18.56	$8.57	$15.50	$0.00
COIN LINK - INITIAL (CESAR/LEX - COMPLEX)	/1/	$29.93	XOXO8	$21.03	XOXO8	$24.33	XOX33	$19.58	SOCH2	$18.56	$8.57	$15.50	$0.00
COIN LINK - INITIAL (MECHANIZED)	/1/	$0.16	MOXO8	$0.16	MOXO8	$0.16		$0.00		$18.56	$8.57	$15.50	$0.00
COIN LINK - ADDITIONAL (MANUAL/FAX - COMPLEX)	/1/	$3.24	HOXO8	$1.85	HOXO8	$2.02	HOX33	$0.00	HOCH2	$12.67	$5.77	$0.00	$0.00
COIN LINK - ADDITIONAL (CESAR/LEX - COMPLEX)	/1/	$3.24	XOXO8	$1.85	XOXO8	$2.02	XOX33	$0.00	SOCH2	$12.67	$5.77	$0.00	$0.00
COIN LINK - ADDITIONAL (MECHANIZED)	/1/	$0.00	MOXO8	$0.00	MOXO8	$0.00		$0.00		$12.67	$5.77	$0.00	$0.00
DS3 Loop - INITIAL (Manual)	/1/	$72.75	HOX32	$44.91	HOX34	$0.00	HOX33	$42.48	HOCH7	$67.25	$35.81	$0.00	$0.00
DS3 Loop - INITIAL (Cesar/LEX)	/1/	$46.65	XOX32	$18.81	XOX34	$0.00	XOX33	$14.77	SOCH7	$67.25	$35.81	$0.00	$0.00

		NON-RECURRING											
					Service Order					Channel			
	Notes	Connect	USOC	Disconnect	USOC	Change	USOC	Record	USOC	Connect	Disconnect	Change	Record
This Pricing Appendix contains certain recurring rates established with final rates in D. 05-03-026.													
DS3 Loop - INITIAL (Mechanized))	/1/	$0.73	MOX32	$0.73	MOX34	$0.00		$0.00		$67.25	$35.81	$0.00	$0.00
DS3 Loop - ADDITIONAL (Manual)	/1/	$5.66	HOX32	$2.43	HOX34	$0.00	HOX33	$0.00	HOCH7	$57.35	$29.97	$0.00	$0.00
DS3 Loop - ADDITIONAL (Cesar/LEX)	/1/	$5.66	XOX32	$2.43	XOX34	$0.00	XOX33	$0.00	SOCH7	$57.35	$29.97	$0.00	$0.00
DS3 Loop - ADDITIONAL (Mechanized)	/1/	$0.00	MOX32	$0.00	MOX34	$0.00		$0.00		$57.35	$29.97	$0.00	$0.00
DSL CAPABLE LOOPS:													
2-Wire Digital Loop ISDN/IDSL													
Initial - manual/fax - complex	/1/	$63.06	HOX32	$49.90	HOX34	$53.09	HOX33	$47.50	HOCH2	$18.55	$8.57	$15.50	$0.00
Initial - cesar/lex - complex	/1/	$35.09	XOX32	$21.57	XOX34	$24.00	XOX33	$19.61	SOCH2	$18.55	$8.57	$15.50	$0.00
Initial - mechanized	/1/	$0.16	MOX32	$0.16	MOX34	$0.16	MOX33	$0.00		$18.55	$8.57	$15.50	$0.00
Additional - manual/fax - complex	/1/	$3.69	HOX32	$3.64	HOX34	$1.94	HOX33	$0.00	HOCH2	$12.67	$5.68	$0.00	$0.00
Additional - cesar/lex - complex	/1/	$3.69	XOX32	$3.64	XOX34	$1.94	XOX33	$0.00	SOCH2	$12.67	$5.68	$0.00	$0.00
Additional - mechanized	/1/	$0.00	MOX32	$0.00	MOX34	$0.00	MOX33	$0.00		$12.67	$5.68	$0.00	$0.00
2-Wire xDSL Loop													
PSD #1 - 2-Wire xDSL Loop													
Initial - manual/fax - complex	/1/	$57.53	HOX32	$48.94	HOX34	$52.25	HOX33	$47.42	HOCH2	$18.56	$8.57	$15.50	$0.00
Initial - cesar/lex - complex	/1/	$29.93	XOX32	$21.03	XOX34	$24.33	XOX33	$19.58	SOCH2	$18.56	$8.57	$15.50	$0.00
Initial - mechanized	/1/	$0.16	MOX32	$0.16	MOX34	$0.16	MOX33	$0.00		$18.56	$8.57	$15.50	$0.00
Additional - manual/fax - complex	/1/	$3.24	HOX32	$1.85	HOX34	$2.02	HOX33	$0.00	HOCH2	$12.67	$5.77	$0.00	$0.00
Additional - cesar/lex - complex	/1/	$3.24	XOX32	$1.85	XOX34	$2.02	XOX33	$0.00	SOCH2	$12.67	$5.77	$0.00	$0.00
Additional - mechanized	/1/	$0.00	MOX32	$0.00	MOX34	$0.00	MOX33	$0.00		$12.67	$5.77	$0.00	$0.00
PSD #2 - 2-Wire xDSL Loop													
Initial - manual/fax - complex	/1/	$57.53	HOX32	$48.94	HOX34	$52.25	HOX33	$47.42	HOCH2	$18.56	$8.57	$15.50	
Initial - cesar/lex - complex	/1/	$29.93	XOX32	$21.03	XOX34	$24.33	XOX33	$19.58	SOCH2	$18.56	$8.57	$15.50	
Initial - mechanized	/1/	$0.16	MOX32	$0.16	MOX34	$0.16	MOX33	$0.00		$18.56	$8.57	$15.50	
Additional - manual/fax - complex	/1/	$3.24	HOX32	$1.85	HOX34	$2.02	HOX33	$0.00	HOCH2	$12.67	$5.77	$0.00	
Additional - cesar/lex - complex	/1/	$3.24	XOX32	$1.85	XOX34	$2.02	XOX33	$0.00	SOCH2	$12.67	$5.77	$0.00	
Additional - mechanized	/1/	$0.00	MOX32	$0.00	MOX34	$0.00	MOX33	$0.00		$12.67	$5.77	$0.00	
PSD #3 - 2-Wire xDSL Loop													
Initial - manual/fax - complex	/1/	$57.53	HOX32	$48.94	HOX34	$52.25	HOX33	$47.42	HOCH2	$18.56	$8.57	$15.50	
Initial - cesar/lex - complex	/1/	$29.93	XOX32	$21.03	XOX34	$24.33	XOX33	$19.58	SOCH2	$18.56	$8.57	$15.50	
Initial - mechanized	/1/	$0.16	MOX32	$0.16	MOX34	$0.16	MOX33	$0.00		$18.56	$8.57	$15.50	
Additional - manual/fax - complex	/1/	$3.24	HOX32	$1.85	HOX34	$2.02	HOX33	$0.00	HOCH2	$12.67	$5.77	$0.00	
Additional - cesar/lex - complex	/1/	$3.24	XOX32	$1.85	XOX34	$2.02	XOX33	$0.00	SOCH2	$12.67	$5.77	$0.00	
Additional - mechanized	/1/	$0.00	MOX32	$0.00	MOX34	$0.00	MOX33	$0.00		$12.67	$5.77	$0.00	
PSD #4 - 2-Wire xDSL Loop													
Initial - manual/fax - complex	/1/	$57.53	HOX32	$48.94	HOX34	$52.25	HOX33	$47.42	HOCH2	$18.56	$8.57	$15.50	$0.00
Initial - cesar/lex - complex	/1/	$29.93	XOX32	$21.03	XOX34	$24.33	XOX33	$19.58	SOCH2	$18.56	$8.57	$15.50	$0.00
Initial - mechanized	/1/	$0.16	MOX32	$0.16	MOX34	$0.16	MOX33	$0.00		$18.56	$8.57	$15.50	$0.00
Additional - manual/fax - complex	/1/	$3.24	HOX32	$1.85	HOX34	$2.02	HOX33	$0.00	HOCH2	$12.67	$5.77	$0.00	$0.00
Additional - cesar/lex - complex	/1/	$3.24	XOX32	$1.85	XOX34	$2.02	XOX33	$0.00	SOCH2	$12.67	$5.77	$0.00	$0.00
Additional - mechanized	/1/	$0.00	MOX32	$0.00	MOX34	$0.00	MOX33	$0.00		$12.67	$5.77	$0.00	$0.00
PSD #5 - 2-Wire xDSL Loop													
Initial - manual/fax - complex	/1/	$57.53	HOX32	$48.94	HOX34	$52.25	HOX33	$47.42	HOCH2	$18.56	$8.57	$15.50	
Initial - cesar/lex - complex	/1/	$29.93	XOX32	$21.03	XOX34	$24.33	XOX33	$19.58	SOCH2	$18.56	$8.57	$15.50	
Initial - mechanized	/1/	$0.16	MOX32	$0.16	MOX34	$0.16	MOX33	$0.00		$18.56	$8.57	$15.50	
Additional - manual/fax - complex	/1/	$3.24	HOX32	$1.85	HOX34	$2.02	HOX33	$0.00	HOCH2	$12.67	$5.77	$0.00	
Additional - cesar/lex - complex	/1/	$3.24	XOX32	$1.85	XOX34	$2.02	XOX33	$0.00	SOCH2	$12.67	$5.77	$0.00	
Additional - mechanized	/1/	$0.00	MOX32	$0.00	MOX34	$0.00	MOX33	$0.00		$12.67	$5.77	$0.00	
PSD #7 - 2-Wire xDSL Loop													
Initial - manual/fax - complex	/1/	$57.53	HOX32	$48.94	HOX34	$52.25	HOX33	$47.42	HOCH2	$18.56	$8.57	$15.50	
Initial - cesar/lex - complex	/1/	$29.93	XOX32	$21.03	XOX34	$24.33	XOX33	$19.58	SOCH2	$18.56	$8.57	$15.50	
Initial - mechanized	/1/	$0.16	MOX32	$0.16	MOX34	$0.16	MOX33	$0.00		$18.56	$8.57	$15.50	
Additional - manual/fax - complex	/1/	$3.24	HOX32	$1.85	HOX34	$2.02	HOX33	$0.00	HOCH2	$12.67	$5.77	$0.00	
Additional - cesar/lex - complex	/1/	$3.24	XOX32	$1.85	XOX34	$2.02	XOX33	$0.00	SOCH2	$12.67	$5.77	$0.00	
Additional - mechanized	/1/	$0.00	MOX32	$0.00	MOX34	$0.00	MOX33	$0.00		$12.67	$5.77	$0.00	
4-Wire xDSL Loop													

		NON-RECURRING											
					Service Order					Channel			
	Notes	Connect	USOC	Disconnect	USOC	Change	USOC	Record	USOC	Connect	Disconnect	Change	Record
This Pricing Appendix contains certain recurring rates established with final rates in D. 05-03-026.													
PSD #3 - 4-Wire xDSL Loop													
Initial - manual/fax - complex	/1/	$63.06	HOX32	$49.90	HOX34	$53.09	HOX33	$47.50	HOCH2	$28.84	$10.41	$11.40	$0.00
Initial - cesar/lex - complex	/1/	$35.09	XOX32	$21.57	XOX34	$24.00	XOX33	$19.61	SOCH2	$28.84	$10.41	$11.40	$0.00
Initial - mechanized	/1/	$0.16	MOX32	$0.16	MOX34	$0.16	MOX33	$0.00		$28.84	$10.41	$11.40	$0.00
Additional - manual/fax - complex	/1/	$3.69	HOX32	$3.64	HOX34	$1.94	HOX33	$0.00	HOCH2	$18.95	$7.43	$0.00	$0.00
Additional - cesar/lex - complex	/1/	$3.69	XOX32	$3.64	XOX34	$1.94	XOX33	$0.00	SOCH2	$18.95	$7.43	$0.00	$0.00
Additional - mechanized	/1/	$0.00	MOX32	$0.00	MOX34	$0.00	MOX33	$0.00		$18.95	$7.43	$0.00	$0.00
NETWORK INTERFACE DEVICE (NID)													
NID TO NID CROSSCONNECT - SIMPLE (MANUAL/FAX SIMPLE/COMPLEX)	/1/	$46.53	HSNID	$0.00		$0.00		$0.00		$38.54	$0.00	$0.00	$0.00
NID TO NID CROSSCONNECT - SIMPLE (CESAR/LEX - (SIMPLE/COMPLEX))	/1/	$17.73	PSNID	$0.00		$0.00		$0.00		$38.54	$0.00	$0.00	$0.00
NID TO NID CROSSCONNECT - SIMPLE (MECHANIZED)	/1/	$0.16		$0.00		$0.00		$0.00		$38.54	$0.00	$0.00	$0.00
NID TO NID CROSSCONNECT - COMPLEX INITIAL (MANUAL/FAX - (SIMPLE/COMPLEX)	/1/	$46.53	HCNID	$0.00		$0.00		$0.00		$60.32	$0.00	$0.00	$0.00
NID TO NID CROSSCONNECT - COMPLEX INITIAL (CESAR/LEX)	/1/	$17.73	PCNID	$0.00		$0.00		$0.00		$60.32	$0.00	$0.00	$0.00
NID TO NID CROSSCONNECT - COMPLEX INITIAL (MECHANIZED)	/1/	$0.16		$0.00		$0.00		$0.00		$60.32	$0.00	$0.00	$0.00
NID TO NID CROSSCONNECT - COMPLEX ADDITIONAL (MANUAL/FAX -	/1/	$0.00	HCNID	$0.00		$0.00		$0.00		$15.01	$0.00	$0.00	$0.00
NID TO NID CROSSCONNECT - COMPLEX ADDITIONAL (CESAR/LEX -)	/1/	$0.00	PCNID	$0.00		$0.00		$0.00		$15.01	$0.00	$0.00	$0.00
NID TO NID CROSSCONNECT - COMPLEX ADDITIONAL (MECHANIZED)	/1/	$0.00		$0.00		$0.00		$0.00		$15.01	$0.00	$0.00	$0.00

/1/ The rates in this pricing schedule only apply to the extent such network element(s), product(s) and/or service(s) are required by the terms of this Agreement. To the extent the underlying Agreement does not contain terms and conditions associated with the network element(s), product(s) and/or service(s) listed on this pricing sheet to this Agreement, this pricing sheet, which concerns only rates, creates no right to order such network element(s), product(s) and/or service(s), as it does not provide CLEC with the necessary terms and conditions to enable CLEC to obtain and/or order such network element(s), product(s) and/or service(s). Specifically, without limitation, if this Agreement or any Amendments provide that a network element(s), product(s) or service(s) is no longer required or is subject to being no longer required, the rates in this pricing schedule shall not apply, nor shall the inclusion of the rates in this pricing sheet create a right to the network element(s), product(s) or service(s) inconsistent with the Agreement, including any Amendments. Rather, CLEC must negotiate a separate amendment incorporating the appropriate terms and conditions into the underlying Agreement before ordering and/or obtaining any such network element(s), product(s) and/or service(s) that AT&T California is required to offer under Section 251(c)(3) of the Federal Telecommunications Act, as set forth in applicable FCC rules in effect at the time CLEC seeks such amendment.

GENERIC TERMINOLOGY	USOC	OANAD TERMINOLOGY	Notes	Monthly Recurring and/or Resale Discount %	NRC Initial	NRC Additional
					"@" INDICATES TO REFER TO THE NONRECURRING PRICE SHEET FOR RATES	
This Pricing Appendix contains certain recurring rates established with final rates in D. 05-03-026.						
NETWORK ELEMENTS						NRC
NETWORK INTERFACE DEVICE (NID)		**NETWORK INTERFACE DEVICE (NID)**			**NRC Initial**	**Additional**
NID Interface		NID to NID Crossonnect	/2/	NRO	@	@
NID Premise Visit		NID to NID Crossonnect	/2/	NRO	@	@
LOOPS		**LINKS**				
2-Wire Analog Zone 1	LKB/LKBAA, AELKB, AELKA	Basic or Assured Link - 2-Wire	/2/	$ 9.48	@	@
2-Wire Analog Zone 2	LKB/LKBAA, AELKB, AELKA	Basic or Assured Link - 2-Wire	/2/	$ 12.79	@	@
2-Wire Analog Zone 3	LKB/LKBAA, AELKB, AELKA	Basic or Assured Link - 2-Wire	/2/	$ 26.43	@	@
2-Wire Analog Statewide /1/	LKB/LKBAA, AELKB, AELKA	Basic or Assured Link - 2-Wire	/2/	$ 11.73	@	@
4-Wire Analog Zone 1	LK4WA	4-Wire Link	/2/	$ 20.15	@	@
4-Wire Analog Zone 2	LK4WA	4-Wire Link	/2/	$ 24.38	@	@
4-Wire Analog Zone 3	LK4WA	4-Wire Link	/2/	$ 36.41	@	@
4-Wire Analog Statewide /1/	LK4WA	4-Wire Link	/2/	$ 22.41	@	@
4-Wire - CO Facility Interface Connection	3F74X	4-Wire - CO Facility Interface Connection	/2/	$ 3.06	@	@
2-Wire Digital Zone 1	LKB2Q/LKB3Q/U2Q/U3Q	Basic - 2-Wire + ISDN Option	/2/	$ 9.98	@	@
2-Wire Digital Zone 2	LKB2Q/LKB3Q/U2Q/U3Q	Basic - 2-Wire + ISDN Option	/2/	$ 13.34	@	@
2-Wire Digital Zone 3	LKB2Q/LKB3Q/U2Q/U3Q	Basic - 2-Wire + ISDN Option	/2/	$ 27.01	@	@
2-Wire Digital Statewide /1/	LKB2Q/LKB3Q/U2Q/U3Q	Basic - 2-Wire + ISDN Option	/2/	$ 12.25	@	@
DS1 Loop Zone 1	LKC4W	Digital 1.544 MBPS DS-1	/2/	$ 48.67	@	@
DS1 Loop Zone 2	LKC4W	Digital 1.544 MBPS DS-1	/2/	$ 63.19	@	@
DS1 Loop Zone 3	LKC4W	Digital 1.544 MBPS DS-1	/2/	$ 102.76	@	@
DS1 Loop Statewide /1/	LKC4W	Digital 1.544 MBPS DS-1	/2/	$ 56.57	@	@
PBX Option (in addition to regular 2-Wire loop charges) Zone 1	LKBRC/LKP/LKPAA	PBX Loop Option	/2/	$ 1.13	@	@
PBX Option (in addition to regular 2-Wire loop charges) Zone 2	LKBRC/LKP/LKPAA	PBX Loop Option	/2/	$ 1.10	@	@
PBX Option (in addition to regular 2-Wire loop charges) Zone 3	LKBRC/LKP/LKPAA	PBX Loop Option	/2/	$ 0.94	@	@
PBX Option (in addition to regular 2-Wire loop charges) Statewide /1/	LKBRC/LKP/LKPAA	PBX Loop Option	/2/	$ 1.11	@	@
Coin Option (in addition to regular 2-Wire loop charges) Zone 1	LKDBO/LKDTO	Coin Loop Option	/2/	$ 0.60	@	@
Coin Option (in addition to regular 2-Wire loop charges) Zone 2	LKDBO/LKDTO	Coin Loop Option	/2/	$ 0.58	@	@
Coin Option (in addition to regular 2-Wire loop charges) Zone 3	LKDBO/LKDTO	Coin Loop Option	/2/	$ 0.50	@	@
Coin Option (in addition to regular 2-Wire loop charges) Statewide /1/	LKDBO/LKDTO	Coin Loop Option	/2/	$ 0.59	@	@
ISDN Option (in addition to regular 2-Wire loop charges) Zone 1	See 2-Wire digital	ISDN Loop Option	/2/	$ 0.50	@	@
ISDN Option (in addition to regular 2-Wire loop charges) Zone 2	See 2-Wire digital	ISDN Loop Option	/2/	$ 0.54	@	@
ISDN Option (in addition to regular 2-Wire loop charges) Zone 3	See 2-Wire digital	ISDN Loop Option	/2/	$ 0.58	@	@
ISDN Option (in addition to regular 2-Wire loop charges) Statewide /1/	See 2-Wire digital	ISDN Loop Option	/2/	$ 0.52	@	@
DS3 Loop						
Zone 1	U4D3X		/2/	$ 474.73	@	@
Zone 2	U4D3X		/2/	$ 702.79	@	@
Zone 3	U4D3X		/2/	$ 1,388.30	@	@
Statewide	U4D3X		/2/	$ 563.73	@	@
IDSL Capable Loop Option						
Zone 1		Basic - 2 Wire + ISDN Option	/2/	$ 9.98	@	@
Zone 2		Basic - 2 Wire + ISDN Option	/2/	$ 13.34	@	@
Zone 3		Basic - 2 Wire + ISDN Option	/2/	$ 27.01	@	@
Statewide		Basic - 2 Wire + ISDN Option	/2/	$ 12.25	@	@
DSL Capable Loops:						
2-Wire xDSL Loop						
PSD #1 - 2-Wire xDSL Loop Zone 1	2SLAX	N/A	/2/	$ 9.48	@	@
PSD #1 - 2-Wire xDSL Loop Zone 2	2SLAX	N/A	/2/	$ 12.79	@	@
PSD #1 - 2-Wire xDSL Loop Zone 3	2SLAX	N/A	/2/	$ 26.43	@	@
PSD #1 - 2-Wire xDSL Loop Statewide /1/	2SLAX	N/A	/2/	$ 11.73	@	@
PSD #2 - 2-Wire xDSL Loop Zone 1	2SLBX	N/A	/2/	$ 9.48	@	@
PSD #2 - 2-Wire xDSL Loop Zone 2	2SLBX	N/A	/2/	$ 12.79	@	@
PSD #2 - 2-Wire xDSL Loop Zone 3	2SLBX	N/A	/2/	$ 26.43	@	@
PSD #2 - 2-Wire xDSL Loop Statewide /1/	2SLBX	N/A	/2/	$ 11.73	@	@
PSD #3 - 2-Wire xDSL Loop Zone 1	2SLCX	N/A	/2/	$ 9.48	@	@
PSD #3 - 2-Wire xDSL Loop Zone 2	2SLCX	N/A	/2/	$ 12.79	@	@
PSD #3 - 2-Wire xDSL Loop Zone 3	2SLCX	N/A	/2/	$ 26.43	@	@
PSD #3 - 2-Wire xDSL Loop Statewide /1/	2SLCX	N/A	/2/	$ 11.73	@	@
PSD #4 - 2-Wire xDSL Loop Zone 1	2SLDX	N/A	/2/	$ 9.48	@	@
PSD #4 - 2-Wire xDSL Loop Zone 2	2SLDX	N/A	/2/	$ 12.79	@	@
PSD #4 - 2-Wire xDSL Loop Zone 3	2SLDX	N/A	/2/	$ 26.43	@	@
PSD #4 - 2-Wire xDSL Loop Statewide /1/	2SLDX	N/A	/2/	$ 11.73	@	@
PSD #5 - 2-Wire xDSL Loop Zone 1	U2F	N/A	/2/	$ 9.48	@	@
PSD #5 - 2-Wire xDSL Loop Zone 2	U2F	N/A	/2/	$ 12.79	@	@
PSD #5 - 2-Wire xDSL Loop Zone 3	U2F	N/A	/2/	$ 26.43	@	@
PSD #5 - 2-Wire xDSL Loop Statewide /1/	U2F	N/A	/2/	$ 11.73	@	@
PSD #7 - 2-Wire xDSL Loop Zone 1	2SLFX	N/A	/2/	$ 9.48	@	@
PSD #7 - 2-Wire xDSL Loop Zone 2	2SLFX	N/A	/2/	$ 12.79	@	@
PSD #7 - 2-Wire xDSL Loop Zone 3	2SLFX	N/A	/2/	$ 26.43	@	@
PSD #7 - 2-Wire xDSL Loop Statewide /1/	2SLFX	N/A	/2/	$ 11.73	@	@
4-Wire xDSL Loop						
PSD #3 - 4-Wire xDSL Loop Zone 1	4SL1X	N/A	/2/	$ 20.15	@	@
PSD #3 - 4-Wire xDSL Loop Zone 2	4SL1X	N/A	/2/	$ 24.38	@	@
PSD #3 - 4-Wire xDSL Loop Zone 3	4SL1X	N/A	/2/	$ 36.41	@	@
PSD #3 - 4-Wire xDSL Loop Statewide /1/	4SL1X	N/A	/2/	$ 22.41	@	@
LST						
LST performed on CODSLAM Loop	URCLD	N/A		N/A	$ 203.04	N/A
LST performed on Sub Loop	URCLB	N/A		N/A	$ 176.71	N/A
Loop Qualification Process						
Loop Qualification Process - Mechanized	NR98U	N/A		N/A	$0.00	N/A
Loop Qualification Process - Manual	NRBXU	N/A		N/A	TBD	N/A

TBD- To be Determined
NRO - Nonrecurring only
ICB -Individual Case Basis
NA- Not Applicable

GENERIC TERMINOLOGY		USOC	OANAD TERMINOLOGY	Notes	Monthly Recurring and/or Resale Discount %	NRC Initial "@" INDICATES TO REFER TO THE NONRECURRING PRICE SHEET FOR RATES	NRC Additional
DSL Conditioning Options							
	Removal of Repeaters	NRBXV	N/A		N/A	$ 246.30	$ 21.17
	Incremental Removal of Repeater (> than 17.5 Kft. same location/same cable)	NRBNL	N/A		N/A	$ 246.30	$ 21.17
	Incremental Additional Removal of Repeater (> than 17.5 Kft. same location/different cable)	NRBNP	N/A		N/A	$ 81.06	$ 21.17
	Removal of Bridged Taps and Repeaters	NRBXH	N/A		N/A	$ 787.66	$ 56.06
	Incremental Removal of Bridged Taps and Repeaters (> than 17.5Kft. Same location/same cable)	NRBTV	N/A		N/A	$ 506.31	$ 38.61
	Incremental Additional Removal of Bridged Taps and Repeaters (> than 17.5K same location/different cable)	NRBTW	N/A		N/A	$ 177.15	$ 38.61
	Removal of Bridged Taps	NRBXW	N/A		N/A	$ 588.17	$ 34.89
	Incremental Removal of Bridged Tap (> than 17.5 Kft. same location/same cable)	NRBNK	N/A		N/A	$ 294.08	$ 17.44
	Incremental Additional Removal of Bridged Tap (> than 17.5 Kft. same location/different cable)	NRBNN	N/A		N/A	$ 96.10	$ 17.44
	Removal of Bridged Taps and Load Coils	NRBXF	N/A		N/A	$ 1,321.41	$ 64.10
	Incremental Removal of Load Coil & Bridge Tap (> than 17.5 Kft. same location/same cable)	NRBM8	N/A		N/A	$ 534.25	$ 26.78
	Incremental Additional Removal of Load Coil & Bridge Tap (> 17.5Kft. Same location/different cable)	NRBM9	N/A		N/A	$ 197.66	$ 26.78
	Removal of Load Coils	NRBXZ	N/A		N/A	$ 780.05	$ 29.22
	Incremental Removal of Load Coil (> than 17.5 Kft. same location/same cable)	NRBNJ	N/A		N/A	$ 260.02	$ 9.34
	Incremental Additional Removal of Load Coil (> than 17.5 Kft. same location/different cable)	NRBNH	N/A		N/A	$ 101.56	$ 9.34
Remove All Bridged Tap (RABT) - MMP							
	Removal of non-excessive bridged tap DSL loops >0Kft. And <17.5Kft.	NRMRJ	N/A		N/A	$ 295.60	
	Removal of All Bridged Tap DSL Loops 12Kft. To 17.5Kft.	NRMRP	N/A		N/A	$ 765.21	
	Removal of non-excessive bridged tap DSL loops >17.5Kft DSL Loops - per element incremental	NRMRS	N/A		N/A	$ 295.60	
	Removal of All Bridged Tap DSL loops >17.5KFt. - per element incremental	NRMRM	N/A		N/A	$ 295.60	
SUB-LOOPS							**NRC**
ECS to SAI sub-loop							
	2-Wire Analog	U6LSA	N/A		$ 0.89	N/A	N/A
	4-Wire Analog	U6LSA	N/A		$ 5.73	N/A	N/A
	2-Wire DSL	U6LSA	N/A		$ 0.89	N/A	N/A
	4-Wire DSL	U6LSA	N/A		$ 5.73	N/A	N/A
ECS to Terminal sub-loop							
	2-Wire Analog	U6LSB	N/A		$ 4.92	N/A	N/A
	4-Wire Analog	U6LSB	N/A		$ 13.08	N/A	N/A
	2-Wire DSL	U6LSB	N/A		$ 4.92	N/A	N/A
	4-Wire DSL	U6LSB	N/A		$ 13.08	N/A	N/A
ECS to NID sub-loop							
	2-Wire Analog	U6LSC	N/A		$ 6.67	N/A	N/A
	4-Wire Analog	U6LSC	N/A		$ 19.52	N/A	N/A
	2-Wire DSL	U6LSC	N/A		$ 6.67	N/A	N/A
	4-Wire DSL	U6LSC	N/A		$ 19.52	N/A	N/A
SAI to Terminal sub-loop							
	2-Wire Analog	U6LSS	N/A		$ 4.92	N/A	N/A
	4-Wire Analog	U6LSS	N/A		$ 13.08	N/A	N/A
	2-Wire DSL	U6LSS	N/A		$ 4.92	N/A	N/A
	4-Wire DSL	U6LSS	N/A		$ 13.08	N/A	N/A
SAI to NID sub-loop							
	2-Wire Analog	U6LST	N/A		$ 6.67	N/A	N/A
	4-Wire Analog	U6LST	N/A		$ 19.52	N/A	N/A
	2-Wire DSL	U6LST	N/A		$ 6.67	N/A	N/A
	4-Wire DSL	U6LST	N/A		$ 19.52	N/A	N/A
Terminal to NID sub-loop							
	2-Wire Analog	U6LSU	N/A		$ 2.96	N/A	N/A
	4-Wire Analog	U6LSU	N/A		$ 8.25	N/A	N/A
	2-Wire DSL	U6LSU	N/A		$ 2.96	N/A	N/A
	4-Wire DSL	U6LSU	N/A		$ 8.25	N/A	N/A
SUB-LOOP Non-Recurring Charges							**NRC**
2-Wire DSL - Simple						**NRC Initial**	**Additional**
	Crossconnects, per line - (MANUAL/FAX)	UCSC1	N/A		N/A	$ 271.57	$ 77.49
	Crossconnects, per line - (CESAR/LEX))	UCSC2	N/A		N/A	$ 207.30	$ 77.49
	Crossconnects, per line - (MECHANIZED)	UCSC3	N/A		N/A	$ 148.69	$ 71.59
2-Wire DSL - Complex							
	Crossconnects, per line - (MANUAL/FAX)	UCSC4	N/A		N/A	$ 242.79	$ 53.85
	Crossconnects, per line - (CESAR/LEX))	UCSC5	N/A		N/A	$ 178.52	$ 53.85
	Crossconnects, per line - (MECHANIZED)	UCSC6	N/A		N/A	$ 119.91	$ 47.96
2-Wire Analog - Simple							
	Crossconnects, per line - (MANUAL/FAX)	UCSC1	N/A		N/A	$ 271.57	$ 77.49
	Crossconnects, per line - (CESAR/LEX))	UCSC2	N/A		N/A	$ 207.30	$ 77.49
	Crossconnects, per line - (MECHANIZED)	UCSC3	N/A		N/A	$ 148.69	$ 71.59
2-Wire Analog - Complex							
	Crossconnects, per line - (MANUAL/FAX)	UCSC4	N/A		N/A	$ 242.79	$ 53.85
	Crossconnects, per line - (CESAR/LEX))	UCSC5	N/A		N/A	$ 178.52	$ 53.85
	Crossconnects, per line - (MECHANIZED)	UCSC6	N/A		N/A	$ 119.91	$ 47.96
2-Wire ISDN - Simple							
	Crossconnects, per line - (MANUAL/FAX)	UCSC1	N/A		N/A	$ 247.58	$ 64.64
	Crossconnects, per line - (CESAR/LEX))	UCSC2	N/A		N/A	$ 182.41	$ 64.64
	Crossconnects, per line - (MECHANIZED)	UCSC3	N/A		N/A	$ 117.17	$ 56.16
2-Wire ISDN - Complex							
	Crossconnects, per line - (MANUAL/FAX)	UCSC4	N/A		N/A	$ 250.32	$ 56.45
	Crossconnects, per line - (CESAR/LEX))	UCSC5	N/A		N/A	$ 185.15	$ 56.45
	Crossconnects, per line - (MECHANIZED)	UCSC6	N/A		N/A	$ 119.91	$ 47.96
4-Wire DSL - Simple							
	Crossconnects, per line - (MANUAL/FAX)	UCNC1	N/A		N/A	$ 332.25	$ 97.04
	Crossconnects, per line - (CESAR/LEX))	UCNC2	N/A		N/A	$ 267.07	$ 97.04
	Crossconnects, per line - (MECHANIZED)	UCNC3	N/A		N/A	$ 201.84	$ 88.55
4-Wire DSL - Complex							
	Crossconnects, per line - (MANUAL/FAX)	UCNC4	N/A		N/A	$ 310.64	$ 69.07
	Crossconnects, per line - (CESAR/LEX))	UCNC5	N/A		N/A	$ 245.47	$ 69.07
	Crossconnects, per line - (MECHANIZED)	UCNC6	N/A		N/A	$ 180.23	$ 60.59

TBD- To be Determined
NRO - Nonrecurring only
ICB -Individual Case Basis
NA- Not Applicable

GENERIC TERMINOLOGY	USOC	OANAD TERMINOLOGY	Notes	Monthly Recurring and/or Resale Discount %	NRC Initial "@" INDICATES TO REFER TO THE NONRECURRING PRICE SHEET FOR RATES	NRC Additional
4-Wire Analog - Simple						
Crossconnects, per line - (MANUAL/FAX)	UCNC1	N/A		N/A	$ 332.25	$ 97.04
Crossconnects, per line - (CESAR/LEX))	UCNC2	N/A		N/A	$ 267.07	$ 97.04
Crossconnects, per line - (MECHANIZED)	UCNC3	N/A		N/A	$ 201.84	$ 88.55
4-Wire Analog - Complex						
Crossconnects, per line - (MANUAL/FAX)	UCNC4	N/A		N/A	$ 310.64	$ 69.07
Crossconnects, per line - (CESAR/LEX))	UCNC5	N/A		N/A	$ 220.49	$ 69.07
Crossconnects, per line - (MECHANIZED)	UCNC6	N/A		N/A	$ 180.23	$ 60.59
DS1 Copper - Simple						
Crossconnects, per line - (MANUAL/FAX)	UCNC1	N/A		N/A	$ 362.76	$ 142.02
Crossconnects, per line - (CESAR/LEX))	UCNC2	N/A		N/A	$ 302.57	$ 142.02
Crossconnects, per line - (MECHANIZED)	UCNC3	N/A		N/A	$ 223.55	$ 132.66
DS1 Copper - Complex						
Crossconnects, per line - (MANUAL/FAX)	UCNC4	N/A		N/A	$ 318.69	$ 90.56
Crossconnects, per line - (CESAR/LEX))	UCNC5	N/A		N/A	$ 258.50	$ 90.56
Crossconnects, per line - (MECHANIZED)	UCNC6	N/A		N/A	$ 179.48	$ 81.19
DS1 Fiber - Simple						
Crossconnects, per line - (MANUAL/FAX)	UCNC1	N/A		N/A	$ 385.22	$ 162.72
Crossconnects, per line - (CESAR/LEX))	UCNC2	N/A		N/A	$ 325.03	$ 162.72
Crossconnects, per line - (MECHANIZED)	UCNC3	N/A		N/A	$ 246.01	$ 153.36
DS1 Fiber - Complex						
Crossconnects, per line - (MANUAL/FAX)	UCNC4	N/A		N/A	$ 321.17	$ 91.28
Crossconnects, per line - (CESAR/LEX))	UCNC5	N/A		N/A	$ 260.98	$ 91.28
Crossconnects, per line - (MECHANIZED)	UCNC6	N/A		N/A	$ 181.96	$ 81.91
DS3 - Simple						
Crossconnects, per line - (MANUAL/FAX)	UCNC1	N/A		N/A	$ 394.29	$ 167.21
Crossconnects, per line - (CESAR/LEX))	UCNC2	N/A		N/A	$ 334.10	$ 167.21
Crossconnects, per line - (MECHANIZED)	UCNC3	N/A		N/A	$ 255.08	$ 157.84
DS3 - Complex						
Crossconnects, per line - (MANUAL/FAX)	UCNC4	N/A		N/A	$ 321.46	$ 91.57
Crossconnects, per line - (CESAR/LEX))	UCNC5	N/A		N/A	$ 261.27	$ 91.57
Crossconnects, per line - (MECHANIZED)	UCNC6	N/A		N/A	$ 182.25	$ 82.20
Interoffice Transport		**Dedicated Transport**				
DS-1						
Fixed Mileage	1L5UB	Fixed Mileage	/2/	$ 31.62	@	@
Variable Mileage		Variable Mileage per Mile	/2/	$ 1.84	@	@
DS-3	1L5UB	Dedicated Transport DS-3				
Fixed Mileage		Fixed Mileage	/2/	$ 369.16	@	@
Variable Mileage		Variable Mileage per Mile	/2/	$ 35.72	@	@
MULTIPLEXING						
DS-1/DS-0 MUX	MQ1UB	DS0/DS1	/2/	$ 255.54	@	@
DS-3/DS-1 MUX	MQ3UB	DS1/DS3	/2/	$ 287.85	@	@
Dark Fiber		Dark Fiber				
Dark Fiber -Interoffice per strand	ULY4X	N/A	/2/	$ 10.92	$ 1,678.32	$ 1,678.32
Dark Fiber - Interoffice per foot	ULJAA, ULJAB	N/A	/2/	$ 0.00	N/A	N/A
Dark Fiber Cross Connect - Interoffice	UKCJX	N/A	/2/	$ 6.74	$ 126.59	$ 126.59
Dark Fiber - Interoffice Inquiry	NR9D6	N/A	/2/	N/A	$ 371.80	$ 371.80
Routine Modifications						
Routine Modifications to Existing Facilities	N3RUE	N/A		N/A	ICB	
Expanded Interconnection Service Cross Connect (EISCC)						
Voice Grade/ISDN						
EISCC	CCDSO, AEE1S		/2/	$ 0.40	@	@
Jack Panel	CCJAP		/2/	$ 1.65	@	@
DS0						
EISCC	C2CB4		/2/	$ 24.78	@	@
Jack Panel	CCJAP		/2/	$ 5.32	@	@
DS1						
EISCC			/2/	$ 16.02	@	@
Jack Panel	CDS1U		/2/	$ 2.31	@	@
Repeater	CCJAP		/2/	$ 23.47	@	@
DS3						
EISCC	CDS3U		/2/	$ 45.68	@	@
Jack Panel	CCJAP		/2/	$ 25.77	@	@
Repeater			/2/	$ 101.19	@	@
OTHER						**NRC**
Directory Assistance					**NRC Initial**	**Additional**
Directory Assistance Rate, per call				$ 0.40		
National Directory Assistance (NDA), per call				$ 0.65		
Reverse Directory Assistance (RDA), per call				$ 0.65		
Business Category Search (BCS), per call				$ 0.65		
Express Call Completion/Directory Assistance Call Completion (DACC)						
Rate per call				$ 0.15		
Call Completion LATA Wide - Per MOU				$ 0.00436		
OS/DA Automated Call Greeting and References / Rates						
Branding - Other - Initial/Subsequent Load, per switch	BRAND			N/A	$ 1,800.00	$ 1,800.00
Branding and Reference/Rate Look Up, per OS/DA Call				$ 0.03		
Rate Reference - Initial Load, per state, per OCN				N/A	$ 5,000.00	
Rate Reference - Subsequent Load, per state, per OCN				N/A		$ 1,500.00
Operator Services						
Fully Automated Call Processing, per call				$ 0.15		
Call Completion LATA Wide - Per MOU				$ 0.00436		
Operator - Assisted Call Processing - All Types (including Busy line Verify [BLV] and BLV/Emergency Interrupt [BLV/I]), per work second				$ 0.03		
Call Completion LATA Wide - Per MOU				$ 0.00436		
Directory Assistance Listing Information Services				See Current Tariff	Category III Services Section D-5	

TBD- To be Determined
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GENERIC TERMINOLOGY	USOC	OANAD TERMINOLOGY	Notes	Monthly Recurring and/or Resale Discount %	NRC Initial	NRC Additional
					"@" INDICATES TO REFER TO THE NONRECURRING PRICE SHEET FOR RATES	
OA/DA Trunks						
Trunk Installation per trunk	TPP6X, TPP9X			N/A	$ 500.00	$ 184.00
BLV/I Trunks						
Trunk Installation per trunk	TPP6X, TPP9X			N/A	$ 500.00	$ 184.00
Ancillary Equipment						
Analog Bridging						
Master Leg Plug 2-Wire	ABPM2			$ 14.10	$24.60	
Master Leg Plug 4-Wire	ABPM4			$ 14.10	$24.60	
2-Wire Analog Bridge Plug				$ 13.50	$24.60	
4-Wire Analog Bridge Plug				$ 12.85	$24.60	
Program Audio Bridging						
Program Audio Bridge	PAB			$ 85.60	$172.00	
Diverse Routing						
DS1 per point of termination				See Current Tariff (FCC #1 Section		
DS3 per point of termination						
(With Terminal Equip.)				See Current Tariff (FCC #1		
DS3 per point of termination						
(W/O Terminal Equip.)				See Current Tariff (FCC #1 Section		
DAL				Refer to California PUC D-5 for		
Migration charge/NXX				N/A	$10,000.00	
Message Exchange						
ME 3rd Party Host - Facility CLEC						
CLEC Billing Charge (per message)				$ 0.05	N/A	
AT&T California Billing Charge (per message)				$ 0.05		
AT&T California Settlement Charge (per message)				$ 0.02	N/A	
ME PB Host - Facility CLEC						
Set-Up Charge					$8,500.00	
AT&T California Monthly Charge				$ 1,200.00		
AT&T California Message Processing Rate (per message)				$ 0.01		
AT&T California Replacement Tape Fee (per tape)				$ 50.00		
AT&T California Consulting/Training Fee (per hour)				$ 80.00		
LEC Billing Rate				ICB		
CLEC Billing Rate (per message)				$ 0.05		
ME 3rd Party or No Host - Resale/UNE-P CLEC						
CLEC Billing Charge (per message)				$ 0.05	N/A	
AT&T California Settlement Charge (per message)				$ 0.16		
ME PB Host - Resale/UNE CLEC						
Set-Up Charge					$4,250.00	
AT&T California Monthly Charge				$ 600.00		
AT&T California Message Processing Rate (per message)				$ 0.01		
AT&T California Message Packaging Rate (per message)				$ 0.01		
AT&T California Replacement Tape Fee (per tape)				$ 50.00		
AT&T California Consulting/Training Fee (per hour)				$ 80.00		
LEC Billing Rate				ICB		
CLEC Billing Rate (per message)				$ 0.05		
LNP Surcharge				See Current Tariff (FCC #1 Section13.3.16)		
Pole and Duct (Structure)				Annual		
					Non recurring	
Poles ($/attachment/yr.)*##				$ 5.34		
Per Foot Conduit Occupancy Fees##						
Inner Duct ($/ft/yr.)				$ 0.54		
Full Duct ($/ft/yr)				$ 1.08		
					Non recurring	
Contract Administration Fee					$ 125.00	
Administrative Record-Keeping Fee					$ 125.00	
Unauthorized Attachment Fee					$500 per Pole	
Unauthorized Occupancy Fee					$500 per Manhole	
*For (1) each one foot of usable space, or fraction thereof, occupied and (2) each additional one foot of space, or fraction thereof, rendered unusable by attachment's presence.						
## Note: All pole and conduit license fees are for a period of one year from January 1 thru December 31, effective January 1, 2005 and billable semi-annually in advance in January and July of each year. New rates will be communicated to CLEC no later than November 1st for the succeeding year.						
INTERCARRIER COMPENSATION-LOCAL TRAFFIC TERMINATION				USAGE		
Rate for All ISP-Bound and Section 215(b)(5) Traffic as per FCC 01-131, per MOU				$ 0.000700		
RESALE				*Resale Discounts*		
				Recurring	Non recurring	
LOCAL EXCHANGE SERVICE						
Individual Line Measured Rate Residence Service				17%	17%	
Individual Line Measured Rate Business Service				17%	17%	
Individual Line Flat Rate Residence Service				17%	17%	
Farmer Line Service				17%	17%	
LOCAL USAGE, ZUM, and EAS						
VERTICAL SERVICES						
Three Way Calling				17%	17%	
Call Forwarding				17%	17%	
Busy Call Forwarding				17%	17%	
Delayed Call Forwarding				17%	17%	
Remote Access to Call Forwarding				17%	17%	

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GENERIC TERMINOLOGY	USOC	OANAD TERMINOLOGY	Notes	Monthly Recurring and/or Resale Discount %	NRC Initial "@" INDICATES TO REFER TO THE NONRECURRING PRICE SHEET FOR RATES	NRC Additional
Call Screen				17%	17%	
Select Call Forwarding				17%	17%	
Priority Ringing				17%	17%	
Repeat Dialing				17%	17%	
Call Return				17%	17%	
Caller ID				17%	17%	
Call Waiting				17%	17%	
Speed Calling - 8 code capacity				17%	17%	
Speed Calling - 30 code capacity				17%	17%	
Intercom				17%	17%	
Intercom Plus				17%	17%	
Call Trace				17%	17%	
Caller ID on Analog Centrex-Like Lines				17%	17%	
Caller ID on PBX Lines				17%	17%	
Caller ID on Dedicated Custom 8 Service				17%	17%	
Direct Connect				17%	17%	
Usage Sensitive Custom Calling Services				17%	17%	
Premiere Communications Systems - Resale				17%	17%	
Remote Call Forwarding				17%	17%	
Direct Connect				17%	17%	
CENTREX-LIKE						
Hunting Service				17%	17%	
Airport Intercommunicating Service				17%	17%	
Central Office Electronic Tandem Switching				17%	17%	
Centrex-Like ISDN				17%	17%	
ISDN						
ISDN-BRI				17%	17%	
Primary Rate ISDN (PRI)				17%	17%	
Personal ISDN				17%	17%	
Centrex-Like ISDN						
TOLL						
Local Plus (Intralata Toll)				17%	17%	
Two-Point Message Telecommunications Service (Local Toll)				17%	17%	
CUSTOM 8 Toll Free Service (grandfathered)				17%	17%	
Dedicated Access Line				17%	17%	
Custom 8 Digital Data				17%	17%	
EASY 8 Toll Free Service				17%	17%	
Easy 8 Digital Data				17%	17%	
Easy 8 Directory Assistance Listing				17%	17%	
California 976				17%	17%	
California 900				17%	17%	
Information Services Call Blocking				17%	17%	
OPTIONAL TOLL CALLING PLANS						
Resale Residence Usage Discount-Direct Discount				17%	17%	
Resale Residence Usage Discount-Service Area				17%	17%	
Resale Residence Usage Discount-Community				17%	17%	
Resale Residence Usage Discount-Easy Saver				17%	17%	
Resale Residence Usage Discount-Saver 60				17%	17%	
Resale Residence Usage Discount-Saver Plus				17%	17%	
Resale Business Usage Discount-Direct Discount				17%	17%	
Resale Business Usage Discount-Plan 50				17%	17%	
Resale Business Usage Discount-Plan 1000				17%	17%	
Resale Business Usage Discount-Volume Discount				17%	17%	
Resale Business Usage Discount-Plus				17%	17%	
DIRECTORY ASSISTANCE/OPERATOR SERVICES						
Local Directory Assistance				17%	N/A	
Local Operator Assistance				17%	N/A	
National Directory Assistance (NDA), per call				$ 0.65	N/A	
Reverse Directory Assistance (RDA), per call				$ 0.65	N/A	
Business Category Search (BCS), per call				$ 0.65	N/A	
Express Call Completion/Directory Assistance Call Completion (DACC)						
Rate per call				$ 0.15	N/A	
OS/DA Automated Call Greeting and References/Rates						
Branding - Other - Initial/Subsequent Load, per switch	BRAND			N/A	$ 1,800.00	$ 1,800.00
Branding and Reference/Rate Look Up, per OS/DA Call				$ 0.03	N/A	
Rate Reference - Initial Load, per state, per OCN				N/A	$ 5,000.00	
Rate Reference - Subsequent Load, per state, per OCN				N/A		$ 1,500.00
TRUNKS						
Flat Rate Trunk				17%	17%	
Trunk Line Service				17%	17%	
Data Services						
Gigabit Ethernet Metropolitan Area Network (GigaMAN)				17%	17%	
PBX Trunks				17%	17%	
Multi-Service Optical Network (MON)				17%	17%	
OTHER						
Number Retention Service				17%	17%	
Number Referral Service				17%	17%	
Number Services (Personalized TNs)				17%	17%	
Voice Based Information Services				17%	17%	
Promotional Pricing (90 days +)				17%	17%	
Private Branch Exchange Services				17%	17%	
Short Duration Service				17%	17%	
Grandfathered Services				17%	17%	
Message Waiting Indicator (MWI++)				17%	17%	
Call Forwarding Busy Line				17%	17%	
Call Forwarding/ Don't Answer				17%	17%	
Call Forwarding Busy Line/ Don't Answer				17%	17%	
Foreign Exchange Service				17%	17%	
Foreign Prefix Service				17%	17%	

TBD- To be Determined
NRO - Nonrecurring only
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NA- Not Applicable

GENERIC TERMINOLOGY	USOC	OANAD TERMINOLOGY	Notes	Monthly Recurring and/or Resale Discount %	NRC Initial "@" INDICATES TO REFER TO THE NONRECURRING PRICE SHEET FOR RATES	NRC Additional
Off Premise Extensions				17%	17%	
Operator Services and Directory Assistance				17%	17%	
TELEPHONE ANSWERING SERVICE				17%	17%	
Secretarial Answering Service				17%	17%	
Occasional Service				17%	17%	
Concentrator-Identifier Service				17%	17%	
Answering Line Service				17%	17%	
DIRECT INWARD DIALING SERVICE				17%	17%	
Tie Line Service				17%	17%	
Interexchange Channel				17%	17%	
Directory Listings Alternate User Listings				17%	17%	
Business Individual Line Service				17%	17%	
Premium Subscriber Plan				17%	17%	
Premiere Subscriber Plan				17%	17%	
Power Distribution Alarm And Control System				17%	17%	
Custom Virtual Network				17%	17%	
WATS Service				17%	17%	
Basic Service Elements and						
Complementary Network Services				17%	17%	
Business Answering Lines				17%	17%	
Short Duration Service				17%	17%	
OTHER (Resale)						
On products below, for discount, if any please see current applicable tariff						
Access Products				0%	0%	
Electronic Tandem Switching *				0%	0%	
Private Line Services				0%	0%	
Digital Data Over Voice				0%	0%	
Group Video				0%	0%	
High Voltage Protection				0%	0%	
Switched SMDS				0%	0%	
Switched 56				0%	0%	
All Broadband and Fast Packet Services				0%	0%	
* Pending CPUC approval of Advice Letter No. 18432						
Other Services				0%	0%	
Centrex-Like Number Retention Service				0%	0%	
Off-Premise Extension Service				0%	0%	
Promotions Exceeding 90 days				0%	0%	
Contract Plans				0%	0%	
Remote Call Forwarding				0%	0%	
COPT				0%	0%	
Labor/Network Rearrangements				0%	0%	
Visit Charge (Trouble Identification)				0%	0%	
Cable services AII, IW				0%	0%	
Electronic Billing Information Data (daily usage)				$ 0.003	N/A	
per message						
Fraud Alert Referral						
Usage per Alert Referral				$ 11.10	$ 700.00	
Repair Transfer Service (per subsequent change)						
Recorded Name Announcement				N/A	$ 2,300.00	
800/888 Telephone Number				N/A	$ 750.00	
Name Announcement & Telephone Number				N/A	$ 2,400.00	
Slamming Investigation Fee				N/A	$ 50.00	
Local disconnect Report (LDR)						
Per WTN				$ 0.10	N/A	
Traffic Alert Referral Service Usage charge/alert				TBD	N/A	
End User Change Over (per billable telephone number)						
Business				$ 5.81		
Residence				$ 4.15		
Complex				$ 5.81		
					NRC Initial	**NRC Additional**

/1/ CLECs have the choice to lock in either the statewide average loop rate, regardless of zone, or the deaveraged loop rates based on established zones. CLECs who choose deaveraged loop rates may draw from the CHCF-B fund pursuant to D. 02-02-047. *CLECs may not use both rate structures.*

/2/ The rates in this pricing schedule only apply to the extent such network element(s), product(s) and/or service(s) are required by the terms of this Agreement. To the extent the underlying Agreement does not contain terms and conditions associated with the network element(s), product(s) and/or service(s) listed on this pricing sheet to this Agreement, this pricing sheet, which concerns only rates, creates no right to order such network element(s), product(s) and/or service(s), as it does not provide CLEC with the necessary terms and conditions to enable CLEC to obtain and/or order such network element(s), product(s) and/or service(s). Specifically, without limitation, if this Agreement or any Amendments provide that a network element(s), product(s) or service(s) is no longer required or is subject to being no longer required, the rates in this pricing schedule shall not apply, nor shall the inclusion of the rates in this pricing sheet create a right to the network element(s), product(s) or service(s) inconsistent with the Agreement, including any Amendments. Rather, CLEC must negotiate a separate amendment incorporating the appropriate terms and conditions into the underlying Agreement before ordering and/or obtaining any such network element(s), product(s) and/or service(s) that AT&T California is required to offer under Section 251(c)(3) of the Federal Telecommunications Act, as set forth in applicable FCC rules in effect at the time CLEC seeks such amendment.

TBD- To be Determined
NRO - Nonrecurring only
ICB -Individual Case Basis
NA- Not Applicable

PACIFIC BELL TELEPHONE COMPANY d/b/a ATT CALIFORNIA
Collocation Rate Summary
April 24, 2007

Line	Product Type	Rate Element Description	USOC	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)
1	**CLEC-PROVISIONED FACILITIES & EQUIPMENT: CAGED**				
2	**REAL ESTATE**				
3	Site Conditioning	Per Sq. Ft. of space used by CLEC	**S8FWB**		$9.28
4	Safety & Security	Per Sq. Ft. of space used by CLEC	**S8F4N**		$19.56
5	Floor Space Usage	Per Sq. Ft. of space used by CLEC	**S8F4L**	$5.97	
6	**COMMON SYSTEMS**				
7	Common Systems - Cage	Per Sq. Ft. of space used by CLEC	**S8F4A**	$0.44	$59.86
8	**PLANNING**				
9	Planning - Central Office	Per Sq. Ft. of space used by CLEC	**S8GCA**	$0.09	$7.55
10	Planning	Per Request	**NRFCD**		$5,244.43
11	Planning - Subsequent Inter. Cabling	Per Request	**NRFCE**		$2,267.04
12	Planning - Subsequent Power Cabling	Per Request	**NRFCF**		$2,306.10
13	Planning - Subs. Inter./Power Cabling	Per Request	**NRFCG**		$2,884.60
14	Planning - Non-Standard	Per Request	**NRFCH**		$1,436.00
15	**POWER PROVISIONING**				
16	**Power Panel:**				
17	50 Amp	Per Power Panel (CLEC Provided)	**NONE**		
18	200 Amp	Per Power Panel (CLEC Provided)	**NONE**		
19	**Power Cable and Infrastructure:**				
20	Power Cable Rack	Per Four Power Cables or Quad	**NONE**		
21	2-10 Amp Feeds	Per 2-10 Amp Power Feeds (CLEC Provided)	**C1F31**	$0.25	$48.23
22	2-20 Amp Feeds	Per 2-20 Amp Power Feeds (CLEC Provided)	**S8GF1**	$0.25	$48.23
23	2-30 Amp Feeds	Per 2-30 Amp Power Feeds (CLEC Provided)	**C1F32**	$0.25	$48.23
24	2-40 Amp Feeds	Per 2-40 Amp Power Feeds (CLEC Provided)	**C1F33**	$0.25	$48.23
25	2-50 Amp Feeds	Per 2-50 Amp Power Feeds (CLEC Provided)	**S8GF2**	$0.25	$48.23
26	2-100 Amp Feeds	Per 2-100 Amp Power Feeds (CLEC Provided)	**S8GF3**	$0.25	$48.23
27	**Equipment Grounding:**				
28	Ground Cable Placement	Per Sq. Ft. of space used by CLEC	**S8FCR**	$0.03	$0.92
29	**DC POWER AMPERAGE CHARGE**				
30	HVAC	Per 10 Amps	**S8GCS**	$14.62	
31	Per Amp	Per Amp	**S8GCR**	$10.61	
32	**FIBER CABLE PLACEMENT**				
33	**Central Office:**				
34	Fiber Cable	Per Fiber Cable Sheath (CLEC Vendor Pulls Cable)	**S8FQ9**	$4.85	$809.13
35	Entrance Conduit	Per Fiber Cable Sheath	**S8FW5**	$8.76	
36	**MISCELLANEOUS & OPTIONAL COST:**				
37	**MISCELLANEOUS COSTS**				
38	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8F45**	$0.08	$14.81
39	Bits Timing	Based on two (2) leads per circuit	**S8FQT**	$3.58	$698.82
40	Space Availability Report	Per Premise	**NRFCQ**		$168.04
41	Security Access / ID Cards	Per Five Cards	**NRFCM**		$123.35
42	Security Access / ID Cards/Expedite	Per Five Cards	**NRFCN**		$203.35
43	**CAGE COMMON COSTS**				
44	AC Circuit Placement	Per Sq. Ft. (CLEC provides cage)	**NRL6O**		$5.29
45	**INTERCONNECTION COSTS:**				
46	**ILEC TO CLEC CONNECTION**				
47	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	**S8F48**	$0.00	$156.02
48	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	**S8FWU**	$0.00	$156.02
49	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	**S8FQM**	$0.00	$3,105.79
50	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	**S8F46**	$0.00	$486.89
51	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	**S8F47**	$0.00	$1,809.40
52	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	**S8FQN**	$0.00	$116.67
53	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	**S8FQR**	$3.58	$698.82
54	**CLEC TO CLEC CONNECTION**				
55	Cable Racking and Hole for Optical	Per Cable	**S8GFE**	$0.82	
56	Cable Racking and Hole for DS1	Per Cable	**S8GFF**	$0.57	
57	Cable Racking and Hole for DS3	Per Cable	**S8GFG**	$0.50	
58	Route Design		**NRFCX**		$424.88
59	Connection for DS1	Per 28 Circuits (CLEC provides cable)	**S8GFH**	$0.18	
60	Connection for DS3	Per Circuit (CLEC provides cable)	**S8GFJ**	$0.12	
61	Connection for Optical	Per Cable (CLEC provides cable)	**S8GFK**	$0.31	
62	**TIME SENSITIVE ACTIVITIES**				
63	**PRE-VISITS**				
64	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCR**		$23.23
65	Comm. Tech - Craft	Per 1/4 Hour	**NRFCS**		$19.60
66	CO Manager - 1st Level	Per 1/4 Hour	**NRFCT**		$19.72
67	Floor Space Planning - 1st Level	Per 1/4 Hour	**NRFCU**		$19.24
68	**CONSTRUCTION VISITS**				
69	Project Manager - 1st Level	Per 1/4 Hour	**NRFCV**		$19.24
70	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCZ**		$23.23
71					
72	**AT&T-PROVISIONED FACILITIES & EQUIPMENT: CAGED**				
73	**REAL ESTATE**				
74	Site Conditioning	Per Sq. Ft. of space used by CLEC	**S8GCE**		$9.28
75	Safety & Security	Per Sq. Ft. of space used by CLEC	**S8GCF**		$19.56
76	Floor Space Usage	Per Sq. Ft. of space used by CLEC	**S8GCD**	$5.97	
77	**COMMON SYSTEMS**				
78	Common Systems - Cage	Per Sq. Ft. of space used by CLEC	**S8GCG**	$0.44	$59.86

PACIFIC BELL TELEPHONE COMPANY d/b/a ATT CALIFORNIA
Collocation Rate Summary
April 24, 2007

Line	Product Type	Rate Element Description	USOC	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)
79	**PLANNING**				
80	Planning - Central Office	Per Sq. Ft. of space used by CLEC	**S8GCA**	$0.09	$7.55
81	Planning	Per Request	**NRFCD**		$5,244.43
82	Planning - Subsequent Inter. Cabling	Per Request	**NRFCE**		$2,267.04
83	Planning - Subsequent Power Cabling	Per Request	**NRFCF**		$2,306.10
84	Planning - Subs. Inter./Power Cabling	Per Request	**NRFCG**		$2,884.60
85	Planning - Non-Standard	Per Request	**NRFCH**		$1,436.00
86	**POWER PROVISIONING**				
87	**Power Panel:**				
88	50 Amp	Per Power Panel	**S8GC8**	$15.77	$3,079.47
89	200 Amp	Per Power Panel	**S8GC9**	$18.75	$3,659.46
90	**Power Cable and Infrastructure:**				
91	2-10 Amp Feeds	Per 2-10 Amp Power Feeds	**C1F3A**	$5.83	$1,378.83
92	2-20 Amp Feeds	Per 2-20 Amp Power Feeds	**S8GCU**	$7.74	$1,570.84
93	2-30 Amp Feeds	Per 2-30 Amp Power Feeds	**C1F3B**	$8.35	$1,700.70
94	2.40 Amp Feeds	Per 2-40 Amp Power Feeds	**C1F3C**	$8.96	$1,830.56
95	2-50 Amp Feeds	Per 2-50 Amp Power Feeds	**S8GCV**	$9.57	$1,954.85
96	2-100 Amp Feeds	Per 2-100 Amp Power Feeds	**S8GCW**	$11.39	$2,344.44
97	**Equipment Grounding:**				
98	Ground Cable Placement	Per Sq. Ft. of space used by CLEC	**S8GDA**	$0.03	$0.92
99	**DC POWER AMPERAGE CHARGE**				
100	HVAC	Per 10 Amps	**S8GCS**	$14.62	
101	Per Amp	Per Amp	**S8GCR**	$10.61	
102	**FIBER CABLE PLACEMENT**				
103	**Central Office:**				
104	Fiber Cable	Per Fiber Cable Sheath	**S8GDE**	$4.85	$1,619.88
105	Entrance Conduit to Vault	Per Fiber Cable Sheath	**S8GDD**	$8.76	
106	**MISCELLANEOUS & OPTIONAL COST:**				
107	**MISCELLANEOUS COSTS**				
108	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8GEK**	$0.08	$14.81
109	Bits Timing	Based on two (2) leads per circuit	**S8GEJ**	$3.58	$698.82
110	Space Availability Report	Per Premise	**NRFCQ**		$168.04
111	Security Access / ID Cards	Per Five Cards	**NRFCM**		$123.35
112	Security Access / ID Cards/Expedite	Per Five Cards	**NRFCN**		$203.35
113	**CAGE COMMON COSTS**				
114	Cage Preparation	Per Sq. Ft. of space used by CLEC	**S8GCH**	$0.27	$19.70
115	**INTERCONNECTION COSTS:**				
116	**ILEC TO CLEC CONNECTION**				
117	Voice Grade Arrangement	100 Copper Pairs	**S8GD4**	$0.00	$1,027.16
118	Voice Grade Arrangement	100 Shielded Pairs	**S8GD5**	$0.00	$1,027.16
119	DS1 Arrangement - DCS	28 DS1	**S8GDK**	$0.00	$3,613.06
120	DS1 Arrangement - DSX	28 DS1	**S8GDP**	$0.00	$1,346.48
121	DS3 Arrangement - DCS	1 DS3	**S8GDV**	$0.00	$2,181.58
122	DS3 Arrangement - DSX	1 DS3	**S8GDZ**	$0.00	$603.89
123	Fiber Arrangement	12 Fiber Pairs (24 Fiber strands)	**S8GED**	$6.55	$1,779.78
124	**CLEC TO CLEC CONNECTION**				
125	Cable Racking and Hole for Optical	Per Cable	**S8GFE**	$0.82	
126	Cable Racking and Hole for DS1	Per Cable	**S8GFF**	$0.57	
127	Cable Racking and Hole for DS3	Per Cable	**S8GFG**	$0.50	
128	Route Design		**NRFCX**		$424.88
129	Connection for DS1	Per 28 Circuits	**S8GFC**	$1.41	$982.35
130	Connection for DS3	Per Circuit	**S8GFD**	$1.30	$433.86
131	Connection for Optical (Fiber)	Per Cable	**S8GFB**	$1.38	$1,404.07
132	**TIME SENSITIVE ACTIVITIES**				
133	**PRE-VISITS**				
134	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCR**		$23.23
135	Comm. Tech - Craft	Per 1/4 Hour	**NRFCS**		$19.60
136	CO Manager - 1st Level	Per 1/4 Hour	**NRFCT**		$19.72
137	Floor Space Planning - 1st Level	Per 1/4 Hour	**NRFCU**		$19.24
138	**CONSTRUCTION VISITS**				
139	Project Manager - 1st Level	Per 1/4 Hour	**NRFCV**		$19.24
140	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCZ**		$23.23
141					
142	**CLEC-PROVISIONED FACILITIES & EQUIPMENT: CAGELESS**				
143	**REAL ESTATE**				
144	Site Conditioning	Per Frame (Standard Bay=10 sq ft)	**S8FWC**		$92.81
145	Safety & Security	Per Frame (Standard Bay=10 sq ft)	**S8FWG**		$195.57
146	Floor Space Usage	Per Frame (Standard Bay=10 sq ft)	**S8F9C**	$64.21	
147	**COMMON SYSTEMS**				
148	Common Systems - Cageless	Per Frame (Standard Bay=10 sq ft)	**S8FWE**	$9.35	$760.45
149	**PLANNING**				
150	Planning - Central Office	Per Frame (Standard Bay=10 sq ft)	**S8GCB**	$1.13	$75.54
151	Planning	Per Request	**NRFCJ**		$4,601.93
152	Planning - Subsequent Inter. Cabling	Per Request	**NRFCE**		$2,267.04
153	Planning - Subsequent Power Cabling	Per Request	**NRFCF**		$2,306.10
154	Planning - Subs. Inter./Power Cabling	Per Request	**NRFCG**		$2,884.60
155	Planning - Non-Standard	Per Request	**NRFCH**		$1,436.00
156	**POWER PROVISIONING**				
157	**Power Panel:**				
158	50 Amp	Per Power Panel (CLEC Provided)	**NONE**		
159	200 Amp	Per Power Panel (CLEC Provided)	**NONE**		

PACIFIC BELL TELEPHONE COMPANY d/b/a ATT CALIFORNIA
Collocation Rate Summary
April 24, 2007

Line	Product Type	Rate Element Description	USOC	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)
160	**Power Cable and Infrastructure:**				
161	Power Cable Rack	Per Four Power Cables or Quad	**NONE**		
162	2-10 Amp Feeds	Per 2-10 Amp Power Feeds (CLEC Provided)	**C1F34**	$0.25	$48.23
163	2-20 Amp Feeds	Per 2-20 Amp Power Feeds (CLEC Provided)	**S8GF1**	$0.25	$48.23
164	2-30 Amp Feeds	Per 2-30 Amp Power Feeds (CLEC Provided)	**C1F35**	$0.25	$48.23
165	2-40 Amp Feeds	Per 2-40 Amp Power Feeds (CLEC Provided)	**C1F36**	$0.25	$48.23
166	2-50 Amp Feeds	Per 2-50 Amp Power Feeds (CLEC Provided)	**S8GF2**	$0.25	$48.23
167	2-100 Amp Feeds	Per 2-100 Amp Power Feeds (CLEC Provided)	**S8GF3**	$0.25	$48.23
168	**Equipment Grounding:**				
169	Ground Cable Placement	Per Frame	**S8GDB**	$0.33	$15.32
170	**DC POWER AMPERAGE CHARGE**				
171	HVAC	Per 10 Amps	**S8GCS**	$14.62	
172	Per Amp	Per Amp	**S8GCR**	$10.61	
173	CEV, HUT & Cabinets	Per 2 inch mounting space	**S8GCT**	$1.27	
174	**FIBER CABLE PLACEMENT**				
175	**Central Office:**				
176	Fiber Cable	Per Fiber Cable Sheath (CLEC Vendor Pulls Cable)	**S8FQ9**	$4.85	$809.13
177	Entrance Conduit	Per Fiber Cable Sheath	**S8FW5**	$8.76	
178	**CEV, HUT & Cabinets:**				
179	Fiber Cable Placement	Per Fiber Cable Sheath	**S8GDH**		$53.58
180	Entrance Conduit	Per Fiber Cable Sheath	**S8GDJ**	$2.61	
181	**MISCELLANEOUS & OPTIONAL COST:**				
182	**MISCELLANEOUS COSTS**				
183	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8F45**	$0.08	$14.81
184	Bits Timing	Based on two (2) leads per circuit	**S8FQT**	$3.58	$698.82
185	Space Availability Report	Per Premise	**NRFCQ**		$168.04
186	Security Access / ID Cards	Per Five Cards	**NRFCM**		$123.35
187	Security Access / ID Cards/Expedite	Per Five Cards	**NRFCN**		$203.35
188	**CAGELESS / POT BAY OPTIONS**				
189	Standard Equipment Bay	Each (CLEC Provided)	**NONE**		
190	Non-Standard Cabinet Bay	Each (CLEC Provided)	**NONE**		
191	VF/DS0 Termination Panel	Each (CLEC Provided)	**NONE**		
192	VF/DS0 Termination Module	Each (CLEC Provided)	**NONE**		
193	DDP-1 Panel	Each (CLEC Provided)	**NONE**		
194	DDP-1 Jack Access Card	Each (CLEC Provided)	**NONE**		
195	DS3/STS-1 Interconnect Panel	Each (CLEC Provided)	**NONE**		
196	DS3 Interconnect Module	Each (CLEC Provided)	**NONE**		
197	Fiber Optic Splitter Panel	Each (CLEC Provided)	**NONE**		
198	Fiber Termination Dual Module	Each (CLEC Provided)	**NONE**		
199	**CEV, HUT, CABINET**				
200	24 Foot CEV	2 Inch Mounting Space	**S8GE3**	$1.64	
201	16 Foot CEV	2 Inch Mounting Space	**S8GE4**	$1.77	
202	Maxi-Hut	2 Inch Mounting Space	**S8GE1**	$0.77	
203	Mini-Hut	2 Inch Mounting Space	**S8GE2**	$1.33	
204	Large Cabinet	2 Inch Mounting Space	**S8GEX**	$1.63	
205	Medium Cabinet	2 Inch Mounting Space	**S8GEY**	$2.19	
206	Small Cabinet	2 Inch Mounting Space	**S8GEZ**	$3.29	
207	**INTERCONNECTION COSTS:**				
208	**ILEC TO CLEC CONNECTION**				
209	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	**S8F3E**	$0.00	$156.02
210	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	**S8FWV**	$0.00	$156.02
211	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	**S8F2J**	$0.00	$3,105.79
212	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	**S8F2P**	$0.00	$486.89
213	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	**S8F21**	$0.00	$1,809.40
214	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	**S8F25**	$0.00	$116.67
215	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	**S8F49**	$3.76	$495.49
216	**CLEC TO CLEC CONNECTION**				
217	Cable Racking and Hole for Optical	Per Cable	**S8GFE**	$0.82	
218	Cable Racking and Hole for DS1	Per Cable	**S8GFF**	$0.57	
219	Cable Racking and Hole for DS3	Per Cable	**S8GFG**	$0.50	
220	Route Design		**NRFCX**		$424.88
221	Connection for DS1	Per 28 Circuits (CLEC provides cable)	**S8GFL**	$0.18	$0.00
222	Connection for DS3	Per Circuit (CLEC provides cable)	**S8GFM**	$0.12	$0.00
223	Connection for Optical	Per Cable (CLEC provides cable)	**S8GFN**	$0.31	$0.00
224	**PROJECT MANAGEMENT**				
225	**CEV, HUT & CABINET**				
226	Project Coordination	Per CLEC Application	**NRFCK**		$631.17
227	**TIME SENSITIVE ACTIVITIES**				
228	**PRE-VISITS**				
229	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCR**		$23.23
230	Comm. Tech - Craft	Per 1/4 Hour	**NRFCS**		$19.60
231	CO Manager - 1st Level	Per 1/4 Hour	**NRFCT**		$19.72
232	Floor Space Planning - 1st Level	Per 1/4 Hour	**NRFCU**		$19.24
233	**CONSTRUCTION VISITS**				
234	Project Manager - 1st Level	Per 1/4 Hour	**NRFCV**		$19.24
235	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCZ**		$23.23
236					

PACIFIC BELL TELEPHONE COMPANY d/b/a ATT CALIFORNIA
Collocation Rate Summary
April 24, 2007

Line	Product Type	Rate Element Description	USOC	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)
237	**AT&T-PROVISIONED FACILITIES & EQUIPMENT: CAGELESS**				
238	**REAL ESTATE**				
239	Site Conditioning	Per Frame (Standard Bay=10 sq ft)	**S8GCL**		$92.81
240	Safety & Security	Per Frame (Standard Bay=10 sq ft)	**S8GCN**		$195.57
241	Floor Space Usage	Per Frame (Standard Bay=10 sq ft)	**S8GCK**	$64.21	
242	**COMMON SYSTEMS**				
243	Common Systems - Cageless	Per Frame (Standard Bay=10 sq ft)	**S8GCM**	$9.35	$760.45
244	**PLANNING**				
245	Planning - Central Office	Per Frame (Standard Bay=10 sq ft)	**S8GCB**	$1.13	$75.54
246	Planning	Per Request	**NRFCJ**		$4,601.93
247	Planning - Subsequent Inter. Cabling	Per Request	**NRFCE**		$2,267.04
248	Planning - Subsequent Power Cabling	Per Request	**NRFCF**		$2,306.10
249	Planning - Subs. Inter./Power Cabling	Per Request	**NRFCG**		$2,884.60
250	Planning - Non-Standard	Per Request	**NRFCH**		$1,436.00
251	**POWER PROVISIONING**				
252	**Power Panel:**				
253	50 Amp	Per Power Panel	**S8GC8**	$15.77	$3,079.47
254	200 Amp	Per Power Panel	**S8GC9**	$18.75	$3,659.46
255	**Power Cable and Infrastructure:**				
256	2-10 Amp Feeds	Per 2-10 Amp Power Feeds	**C1F3D**	$5.83	$2,100.33
257	2-20 Amp Feeds	Per 2-20 Amp Power Feeds	**S8GCX**	$7.74	$2,262.52
258	2-30 Amp Feeds	Per 2-30 Amp Power Feeds	**C1F3E**	$8.35	$2,424.71
259	2-40 Amp Feeds	Per 2-40 Amp Power Feeds	**C1F3F**	$8.96	$2,586.91
260	2-50 Amp Feeds	Per 2-50 Amp Power Feeds	**S8GCY**	$9.57	$2,749.10
261	2-100 Amp Feeds	Per 2-100 Amp Power Feeds	**S8GCZ**	$11.39	$3,236.32
262	**Equipment Grounding:**				
263	Ground Cable Placement	Per Frame	**S8GDB**	$0.33	$15.32
264	**DC POWER AMPERAGE CHARGE**				
265	HVAC	Per 10 Amps	**S8GCS**	$14.62	
266	Per Amp	Per Amp	**S8GCR**	$10.61	
267	CEV, HUT & Cabinets	Per 2 inch mounting space	**S8GCT**	$1.27	
268	**FIBER CABLE PLACEMENT**				
269	**Central Office:**				
270	Fiber Cable	Per Fiber Cable Sheath	**S8GDE**	$4.85	$1,619.88
271	Entrance Conduit	Per Fiber Cable Sheath	**S8GDD**	$8.76	
272	**CEV, HUT & Cabinets:**				
273	Fiber Cable Placement	Per Fiber Cable Sheath	**S8GDH**		$53.58
274	Entrance Conduit	Per Fiber Cable Sheath	**S8GDJ**	$2.61	
275	**MISCELLANEOUS & OPTIONAL COST:**				
276	**MISCELLANEOUS COSTS**				
277	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8GEK**	$0.08	$14.81
278	Bits Timing	Based on two (2) leads per circuit	**S8GEJ**	$3.58	$698.82
279	Space Availability Report	Per Premise	**NRFCQ**		$168.04
280	Security Access / ID Cards	Per Five Cards	**NRFCM**		$123.35
281	Security Access / ID Cards/Expedite	Per Five Cards	**NRFCN**		$203.35
282	**CAGELESS / POT BAY OPTIONS**				
283	Standard Equipment Bay	Each	**NRFCO**	$8.89	$721.28
284	Non-Standard Cabinet Bay	Each	**NRFCP**	$17.78	$3,470.81
285	VF/DS0 Termination Panel/Module	Each	**S8GE5**	$3.10	$605.64
286	DDP-1 Panel/Jack Access Card	Each	**S8GE6**	$8.08	$1,576.65
287	DS3/STS-1 Interconnect Panel	Each	**S8GE7**	$2.38	$465.47
288	DS3 Interconnect Module	Each	**S8GE8**	$0.45	$87.35
289	Fiber Optic Splitter Panel	Each	**S8GE9**	$1.52	$297.00
290	Fiber Termination Dual Module	Each	**S8GFA**	$1.37	$267.88
291	**CEV, HUT, CABINET**				
292	24 Foot CEV	2 Inch Mounting Space	**S8GE3**	$1.64	
293	16 Foot CEV	2 Inch Mounting Space	**S8GE4**	$1.77	
294	Maxi-Hut	2 Inch Mounting Space	**S8GE1**	$0.77	
295	Mini-Hut	2 Inch Mounting Space	**S8GE2**	$1.33	
296	Large Cabinet	2 Inch Mounting Space	**S8GEX**	$1.63	
297	Medium Cabinet	2 Inch Mounting Space	**S8GEY**	$2.19	
298	Small Cabinet	2 Inch Mounting Space	**S8GEZ**	$3.29	
299	**INTERCONNECTION COSTS:**				
300	**ILEC TO CLEC CONNECTION**				
301	Voice Grade Arrangement	100 Copper Pairs	**S8GD6**	$0.00	$1,027.16
302	Voice Grade Arrangement	100 Shielded Pairs	**S8GD7**	$0.00	$1,027.16
303	DS1 Arrangement - DCS	28 DS1	**S8GDL**	$0.00	$3,613.06
304	DS1 Arrangement - DSX	28 DS1	**S8GDQ**	$0.00	$1,346.48
305	DS3 Arrangement - DCS	1 DS3	**S8GDW**	$0.00	$2,181.58
306	DS3 Arrangement - DSX	1 DS3	**S8GD1**	$0.00	$603.89
307	Fiber Arrangement	12 Fiber Pairs (24 Fiber Strands)	**S8GEE**	$6.55	$1,779.78
308	**CLEC TO CLEC CONNECTION**				
309	Cable Racking and Hole for Optical	Per Cable	**S8GFE**	$0.82	
310	Cable Racking and Hole for DS1	Per Cable	**S8GFF**	$0.57	
311	Cable Racking and Hole for DS3	Per Cable	**S8GFG**	$0.50	
312	Route Design		**NRFCX**		$424.88
313	Connection for DS1	Per 28 Circuits	**S8GFC**	$1.41	$982.35
314	Connection for DS3	Per Circuit	**S8GFD**	$1.30	$433.86
315	Connection for Optical (Fiber)	Per Cable	**S8GFB**	$1.38	$1,404.07

PACIFIC BELL TELEPHONE COMPANY d/b/a ATT CALIFORNIA
Collocation Rate Summary
April 24, 2007

Line	Product Type	Rate Element Description	USOC	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)
316	**PROJECT MANAGEMENT**				
317	**CEV, HUT & CABINET**				
318	Project Coordination	Per CLEC Application	**NRFCK**		$631.17
319	**TIME SENSITIVE ACTIVITIES**				
320	**PRE-VISITS**				
321	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCR**		$23.23
322	Comm. Tech - Craft	Per 1/4 Hour	**NRFCS**		$19.60
323	CO Manager - 1st Level	Per 1/4 Hour	**NRFCT**		$19.72
324	Floor Space Planning - 1st Level	Per 1/4 Hour	**NRFCU**		$19.24
325	**CONSTRUCTION VISITS**				
326	Project Manager - 1st Level	Per 1/4 Hour	**NRFCV**		$19.24
327	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCZ**		$23.23
328					
329	**CLEC-PROVISIONED FACILITIES & EQUIPMENT: CAGED COMMON**				
330	**REAL ESTATE**				
331	Site Conditioning	Per Frame (Standard Bay=10 sq ft)	**S8FWC**		$92.81
332	Safety & Security	Per Frame (Standard Bay=10 sq ft)	**S8FWG**		$195.57
333	Floor Space Usage	Per Linear Foot	**S8GCO**	$24.87	
334	**COMMON SYSTEMS**				
335	Common Systems - Common	Per Linear Foot	**S8GCP**	$3.62	$294.37
336	**PLANNING**				
337	Planning - Central Office	Per Linear Foot	**S8GCC**	$0.44	$29.24
338	Planning	Per Request	**NRFCJ**		$4,601.93
339	Planning - Subsequent Inter. Cabling	Per Request	**NRFCE**		$2,267.04
340	Planning - Subsequent Power Cabling	Per Request	**NRFCF**		$2,306.10
341	Planning - Subs. Inter./Power Cabling	Per Request	**NRFCG**		$2,884.60
342	Planning - Non-Standard	Per Request	**NRFCH**		$1,436.00
343	**POWER PROVISIONING**				
344	**Power Panel:**				
345	50 Amp	Per Power Panel (CLEC provides)	**NONE**		
346	200 Amp	Per Power Panel (CLEC provides)	**NONE**		
347	**Power Cable and Infrastructure:**				
348	Power Cable Rack	Per Four Power Cables or Quad	**NONE**		
349	2-10 Amp Feeds	Per 2-10 Amp Power Feeds (CLEC Provided)	**C1F31**	$0.25	$48.23
350	2-20 Amp Feeds	Per 2-20 Amp Power Feeds (CLEC Provided)	**S8GF1**	$0.25	$48.23
351	2-30 Amp Feeds	Per 2-30 Amp Power Feeds (CLEC Provided)	**C1F32**	$0.25	$48.23
352	2-40 Amp Feeds	Per 2-40 Amp Power Feeds (CLEC Provided)	**C1F33**	$0.25	$48.23
353	2-50 Amp Feeds	Per 2-50 Amp Power Feeds (CLEC Provided)	**S8GF2**	$0.25	$48.23
354	2-100 Amp Feeds	Per 2-100 Amp Power Feeds (CLEC Provided)	**S8GF3**	$0.25	$48.23
355	**Equipment Grounding:**				
356	Ground Cable Placement	Per Linear Foot	**S8GDC**	$0.13	$5.93
357	**DC POWER AMPERAGE CHARGE**				
358	HVAC	Per 10 Amps	**S8GCS**	$14.62	
359	Per Amp	Per Amp	**S8GCR**	$10.61	
360	**FIBER CABLE PLACEMENT**				
361	**Central Office:**				
362	Fiber Cable	Per Fiber Cable Sheath (CLEC Vendor Pulls Cable)	**S8FQ9**	$4.85	$809.13
363	Entrance Conduit	Per Fiber Cable Sheath	**S8FW5**	$8.76	
364	**MISCELLANEOUS & OPTIONAL COST:**				
365	**MISCELLANEOUS COSTS**				
366	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8F45**	$0.08	$14.81
367	Bits Timing	Based on two (2) leads per circuit	**S8FQT**	$3.58	$698.82
368	Space Availability Report	Per Premise	**NRFCQ**		$168.04
369	Security Access / ID Cards	Per Five Cards	**NRFCM**		$123.35
370	Security Access / ID Cards/Expedite	Per Five Cards	**NRFCN**		$203.35
371	**CAGE COMMON COSTS**				
372	Cage Preparation	Per Linear Foot	**S8GCJ**	$1.00	$157.00
373	**INTERCONNECTION COSTS:**				
374	**ILEC TO CLEC CONNECTION**				
375	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	**S8F3E**	$0.00	$156.02
376	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	**S8FWV**	$0.00	$156.02
377	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	**S8F2J**	$0.00	$3,105.79
378	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	**S8F2P**	$0.00	$486.89
379	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	**S8F21**	$0.00	$1,809.40
380	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	**S8F25**	$0.00	$116.67
381	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	**S8F49**	$3.76	$495.49
382					
383	**AT&T-PROVISIONED FACILITIES & EQUIPMENT: CAGED COMMON**				
384	**REAL ESTATE**				
385	Site Conditioning	Per Bay	**S8GCL**		$92.81
386	Safety & Security	Per Frame	**S8GCN**		$195.57
387	Floor Space Usage	Per Linear Foot	**S8GCO**	$24.87	
388	**COMMON SYSTEMS**				
389	Common Systems - Common	Per Linear Foot	**S8GCP**	$3.62	$294.37
390	**PLANNING**				
391	Planning - Central Office	Per Linear Foot	**S8GCC**	$0.44	$29.24
392	Planning	Per Request	**NRFCJ**		$4,601.93
393	Planning - Subsequent Inter. Cabling	Per Request	**NRFCE**		$2,267.04
394	Planning - Subsequent Power Cabling	Per Request	**NRFCF**		$2,306.10

PACIFIC BELL TELEPHONE COMPANY d/b/a ATT CALIFORNIA
Collocation Rate Summary
April 24, 2007

Line	Product Type	Rate Element Description	USOC	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)
395	Planning - Subs. Inter./Power Cabling	Per Request	**NRFCG**		$2,884.60
396	Planning - Non-Standard	Per Request	**NRFCH**		$1,436.00
397	**POWER PROVISIONING**				
398	**Power Panel:**				
399	50 Amp	Per Power Panel	**S8GC8**	$15.77	$3,079.47
400	200 Amp	Per Power Panel	**S8GC9**	$18.75	$3,659.46
401	**Power Cable and Infrastructure:**				
402	2-10 Amp Feeds	Per 2-10 Amp Power Feeds	**C1F3A**	$5.83	$1,378.83
403	2-20 Amp Feeds	Per 2-20 Amp Power Feeds	**S8GC1**	$7.74	$1,570.84
404	2-30 Amp Feeds	Per 2-30 Amp Power Feeds	**C1F3B**	$8.35	$1,700.70
405	2.40 Amp Feeds	Per 2-40 Amp Power Feeds	**C1F3C**	$8.96	$1,830.56
406	2-50 Amp Feeds	Per 2-50 Amp Power Feeds	**S8GC2**	$9.57	$1,954.85
407	2-100 Amp Feeds	Per 2-100 Amp Power Feeds	**S8GC3**	$11.39	$2,344.44
408	**Equipment Grounding:**				
409	Ground Cable Placement	Per Linear Foot	**S8GDC**	$0.13	$5.93
410	**DC POWER AMPERAGE CHARGE**				
411	HVAC	Per 10 Amps	**S8GCS**	$14.62	
412	Per Amp	Per Amp	**S8GCR**	$10.61	
413	**FIBER CABLE PLACEMENT**				
414	**Central Office:**				
415	Fiber Cable	Per Fiber Cable Sheath	**S8GDE**	$4.85	$1,619.88
416	Entrance Conduit	Per Fiber Cable Sheath	**S8GDD**	$8.76	
417	**MISCELLANEOUS & OPTIONAL COST:**				
418	**MISCELLANEOUS COSTS**				
419	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8GEK**	$0.08	$14.81
420	Bits Timing	Based on two (2) leads per circuit	**S8GEJ**	$3.58	$698.82
421	Space Availability Report	Per Premise	**NRFCQ**		$168.04
422	Security Access / ID Cards	Per Five Cards	**NRFCM**		$123.35
423	Security Access / ID Cards/Expedite	Per Five Cards	**NRFCN**		$203.35
424	**CAGE COMMON COSTS**				
425	Cage Preparation	Per Linear Foot	**S8GCJ**	$1.00	$157.00
426	**INTERCONNECTION COSTS:**				
427	**ILEC TO CLEC CONNECTION**				
428	Voice Grade Arrangement	100 Copper Pairs	**S8GD8**	$0.00	$1,027.16
429	Voice Grade Arrangement	100 Shielded Pairs	**S8GD9**	$0.00	$1,027.16
430	DS1 Arrangement - DCS	28 DS1	**S8GDM**	$0.00	$3,613.06
431	DS1 Arrangement - DSX	28 DS1	**S8GDR**	$0.00	$1,346.48
432	DS3 Arrangement - DCS	1 DS3	**S8GDX**	$0.00	$2,181.58
433	DS3 Arrangement - DSX	1 DS3	**S8GD2**	$0.00	$603.89
434	Fiber Arrangement	12 Fiber Pairs (24 Fiber Strands)	**S8GEF**	$6.55	$1,779.78
435					
436	**CLEC-PROVISIONED FACILITIES & EQUIPMENT: VIRTUAL**				
437	**REAL ESTATE**				
438	Site Conditioning	Per Frame	**S8FX5**		$92.81
439	Safety & Security	Per Frame	**S8FX6**		$195.57
440	Floor Space Usage	Per Frame	**S8F62**	$28.91	
441	**COMMON SYSTEMS**				
442	Common Systems - Standard	Per Frame	**S8F64**	$10.75	
443	Common Systems - Non-Standard	Per Cabinet	**S8F65**	$19.36	
444	**PLANNING**				
445	Planning	Per Request	**NRM99**		$5,555.76
446	Planning - Subsequent Inter. Cabling	Per Request	**NRMA3**		$2,224.49
447	Planning - Subsequent Power Cabling	Per Request	**NRMAA**		$2,303.84
448	Planning - Subs. Inter./Power Cabling	Per Request	**NRMAX**		$2,882.61
449	**POWER PROVISIONING**				
450	**Power Cable and Infrastructure:**				
451	Power Cable Rack	Per Four Power Cables or Quad	**NONE**		
452	2-10 Amp Feeds	Per 2-10 Amp Power Feeds (CLEC Provided)	**C1F37**	$0.52	
453	2-20 Amp Feeds	Per 2-20 Amp Power Feeds (CLEC Provided)	**S8GFO**	$0.52	
454	2-30 Amp Feeds	Per 2-30 Amp Power Feeds (CLEC Provided)	**C1F38**	$0.52	
455	2-40 Amp Feeds	Per 2-40 Amp Power Feeds (CLEC Provided)	**C1F39**	$0.52	
456	2-50 Amp Feeds	Per 2-50 Amp Power Feeds (CLEC Provided)	**S8GFP**	$0.52	
457	**Equipment Grounding:**				
458	Ground Cable Placement	Per Frame	**S8F69**	$0.36	
459	**DC POWER AMPERAGE CHARGE**				
460	HVAC	Per 10 Amps	**S8FXO**	$14.62	
461	Per Amp	Per Amp	**S8FXN**	$10.61	
462	CEV, HUT & Cabinets	Per 2 inch mounting space	**S8FXP**	$1.27	
463	**FIBER CABLE PLACEMENT**				
464	**Central Office:**				
465	Fiber Cable	Per Fiber Cable Sheath	**S8F8F**	$11.01	$1,971.42
466	Entrance Conduit	Per Fiber Cable Sheath	**S8F8G**	$8.17	
467	**CEV, HUT & Cabinets:**				
468	Fiber Cable Placement	Per Fiber Cable Sheath	**S8FXQ**		$53.58
469	Entrance Conduit	Per Fiber Cable Sheath	**S8FXR**	$2.61	
470	**MISCELLANEOUS & OPTIONAL COST:**				
471	**MISCELLANEOUS COSTS**				
472	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8FXT**	$0.08	$14.81
473	Bits Timing	Based on two (2) leads per circuit	**S8FXS**	$3.58	$698.82

PACIFIC BELL TELEPHONE COMPANY d/b/a ATT CALIFORNIA
Collocation Rate Summary
April 24, 2007

Line	Product Type	Rate Element Description	USOC	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)
474	**VIRTUAL FRAME OPTIONS**				
475	Standard Equipment Bay	Each (CLEC Provided)	**NONE**		
476	**CEV, HUT, CABINET**				
477	24 Foot CEV	2 Inch Mounting Space	**S8FXZ**	$1.64	
478	16 Foot CEV	2 Inch Mounting Space	**S8FY6**	$1.77	
479	Maxi-Hut	2 Inch Mounting Space	**S8FXX**	$0.77	
480	Mini-Hut	2 Inch Mounting Space	**S8FXY**	$1.33	
481	Large Cabinet	2 Inch Mounting Space	**S8FXU**	$1.63	
482	Medium Cabinet	2 Inch Mounting Space	**S8FXV**	$2.19	
483	Small Cabinet	2 Inch Mounting Space	**S8FXW**	$3.29	
484	**INTERCONNECTION COSTS:**				
485	**ILEC TO CLEC CONNECTION**				
486	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	**S8F82**	$0.00	$225.02
487	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	**S8F83**	$0.00	$225.02
488	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	**S8F8X**	$0.00	$3,496.22
489	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	**S8F8Y**	$0.00	$651.13
490	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	**S8F8Z**	$0.00	$2,186.12
491	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	**S8F81**	$0.00	$204.42
492	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	**S8F84**	$10.47	$152.71
493	**VIRTUAL TO VIRTUAL CONNECTION**				
494	Cable Racking and Hole for Optical	Per Cable	**S8FY7**	$0.90	
495	Cable Racking and Hole for DS1	Per Cable	**S8FY8**	$0.49	
496	Cable Racking and Hole for DS3	Per Cable	**S8FY9**	$0.35	
497	Route Design		**NRLWF**		$463.36
498	Connection for DS1	Per 28 Circuits (CLEC provides cable)	**S8GFQ**	$0.41	$0.00
499	Connection for DS3	Per Circuit (CLEC provides cable)	**S8GFR**	$0.27	$0.00
500	Connection for Optical	Per Cable (CLEC provides cable)	**S8GFS**	$0.81	$0.00
501	**PROJECT MANAGEMENT**				
502	**CEV, HUT & CABINET**				
503	Project Coordination	Per CLEC Application Augment	**NRFCK**		$631.17
504	**EQUIPMENT MAINTENANCE AND SECURITY ESCORT**				
505	**CENTRAL OFFICE TYPE**				
506	Staffed CO During Normal Business Hours	Per 1/4 Hour	**NRMHK**		$15.15
507	Staffed CO During Outside Normal Business Hours	4 Hour Minimum - Initial	**NRMHN**		$242.35
508	Staffed CO During Outside Normal Business Hours	Per 1/4 Hour - Additional	**NRMJ7**		$15.15
509	Not Staffed CO/RT During Normal Business Hours	Per 1/4 Hour	**NRMJ8**		$15.15
510	Not Staffed CO/RT During Outside Normal Business Hours	4 Hour Minimum - Initial	**NRMJ9**		$242.35
511	Not Staffed CO/RT During Outside Normal Business Hours	Per 1/4 Hour - Additional	**NRML7**		$15.15
512	**CEV, HUT & CABINET**				
513	Per Visit	4 Hour Minimum - Initial	**NRMJ9**		$242.35
514	Per Visit	Per 1/4 Hour - Additional	**NRML7**		$15.15
515	**ADDITIONAL LABOR ELEMENTS**				
516	**TRAINING**				
517	Communications Tech	Per 1/2 Hour	**NRMCD**		$39.21
518	CO Manager	Per 1/2 Hour	**NRME9**		$39.45
519	Power Engineer	Per 1/2 Hour	**NRMF9**		$38.47
520	Equipment Engineer	Per 1/2 Hour	**NRMHJ**		$38.47
521	**EQUIPMENT EVALUATION COST**				
522	Equipment Engineer	Per 1/2 Hour	**NRMO9**		$38.47
523	**TEST AND ACCEPTANCE**				
524	Communications Tech	Per 1/2 Hour	**NRMP2**		$39.21
525					
526	**AT&T-PROVISIONED FACILITIES & EQUIPMENT: VIRTUAL**				
527	**REAL ESTATE**				
528	Site Conditioning	Per Frame	**S8FX5**		$92.81
529	Safety & Security	Per Frame	**S8FX6**		$195.57
530	Floor Space Usage	Per Frame	**S8FX1**	$28.91	
531	**COMMON SYSTEMS**				
532	Common Systems - Standard	Per Frame	**S8FX3**	$10.75	
533	Common Systems - Non-Standard	Per Frame	**S8FX4**	$19.36	
534	**PLANNING**				
535	Planning	Per Request	**NRM99**		$5,555.76
536	Planning - Subsequent Inter. Cabling	Per Request	**NRMA3**		$2,224.49
537	Planning - Subsequent Power Cabling	Per Request	**NRMAA**		$2,303.84
538	Planning - Subs. Inter./Power Cabling	Per Request	**NRMAX**		$2,882.61
539	**POWER PROVISIONING**				
540	**Power Cable and Infrastructure:**				
541	2-10 Amp Feeds	Per 2-10 Amp Power Feeds	**C1F3G**	$5.83	$1,378.83
542	2-20 Amp Feeds	Per 2-20 Amp Power Feeds	**S8FX7**	$7.74	$1,570.84
543	2-30 Amp Feeds	Per 2-30 Amp Power Feeds	**C1F3H**	$8.35	$1,700.70
544	2.40 Amp Feeds	Per 2-40 Amp Power Feeds	**C1F3J**	$8.96	$1,830.56
545	2-50 Amp Feeds	Per 2-50 Amp Power Feeds	**S8FX8**	$9.57	$1,954.85
546	**Equipment Grounding:**				
547	Ground Cable Placement	Per Frame	**S8FX9**	$0.36	
548	**DC POWER AMPERAGE CHARGE**				
549	HVAC	Per 10 Amps	**S8FXO**	$14.62	
550	Per Amp	Per Amp	**S8FXN**	$10.61	
551	CEV, HUT & Cabinets	Per 2 inch mounting space	**S8FXP**	$1.27	

PACIFIC BELL TELEPHONE COMPANY d/b/a ATT CALIFORNIA
Collocation Rate Summary
April 24, 2007

Line	Product Type	Rate Element Description	USOC	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)
552	**FIBER CABLE PLACEMENT**				
553	**Central Office:**				
554	Fiber Cable	Per Fiber Cable Sheath	**S8F8F**	$11.01	$1,971.42
555	Entrance Conduit	Per Fiber Cable Sheath	**S8F8G**	$8.17	
556	**CEV, HUT & Cabinets:**				
557	Fiber Cable Placement	Per Fiber Cable Sheath	**S8FXQ**		$53.58
558	Entrance Conduit	Per Fiber Cable Sheath	**S8FXR**	$2.61	
559	**MISCELLANEOUS & OPTIONAL COST:**				
560	**MISCELLANEOUS COSTS**				
561	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8FXT**	$0.08	$14.81
562	Bits Timing	Based on two (2) leads per circuit	**S8FXS**	$3.58	$698.82
563	**VIRTUAL FRAME OPTIONS**				
564	Standard Equipment Bay	Each	**S8FX2**	$22.19	
565	**CEV, HUT, CABINET**				
566	24 Foot CEV	2 Inch Mounting Space	**S8FXZ**	$1.64	
567	16 Foot CEV	2 Inch Mounting Space	**S8FY6**	$1.77	
568	Maxi-Hut	2 Inch Mounting Space	**S8FXX**	$0.77	
569	Mini-Hut	2 Inch Mounting Space	**S8FXY**	$1.33	
570	Large Cabinet	2 Inch Mounting Space	**S8FXU**	$1.63	
571	Medium Cabinet	2 Inch Mounting Space	**S8FXV**	$2.19	
572	Small Cabinet	2 Inch Mounting Space	**S8FXW**	$3.29	
573	**INTERCONNECTION COSTS:**				
574	**ILEC TO CLEC CONNECTION**				
575	Voice Grade Arrangement	100 Copper Pairs	**S8FXC**	$0.00	$1,481.37
576	Voice Grade Arrangement	100 Shielded Pairs	**S8FXD**	$0.00	$1,481.37
577	DS1 Arrangement - DCS	28 DS1	**S8FXE**	$0.00	$4,067.27
578	DS1 Arrangement - DSX	28 DS1	**S8FXF**	$0.00	$1,800.69
579	DS3 Arrangement - DCS	1 DS3	**S8FXG**	$0.00	$2,635.79
580	DS3 Arrangement - DSX	1 DS3	**S8FXH**	$0.00	$1,058.10
581	Fiber Arrangement	12 Fiber Pairs (24 Fiber Strands)	**S8FXJ**	$6.55	$1,996.19
582	**VIRTUAL TO VIRTUAL CONNECTION**				
583	Cable Racking and Hole for Optical	Per Cable	**S8FY7**	$0.90	
584	Cable Racking and Hole for DS1	Per Cable	**S8FY8**	$0.49	
585	Cable Racking and Hole for DS3	Per Cable	**S8FY9**	$0.35	
586	Route Design		**NRML9**		$463.36
587	Connection for DS1	Per 28 Circuits	**S8FXL**	$3.34	$930.53
588	Connection for DS3	Per Circuit	**S8FXM**	$3.26	$706.77
589	Connection for Optical	Per Cable	**S8FXK**	$3.32	$1,095.09
590	**PROJECT MANAGEMENT**				
591	**CEV, HUT & CABINET**				
592	Project Coordination	Per CLEC Application Augment	**NRFCK**		$631.17
593	**EQUIPMENT MAINTENANCE AND SECURITY ESCORT**				
594	**CENTRAL OFFICE TYPE**				
595	Staffed CO During Normal Business Hours	Per 1/4 Hour	**NRMHK**		$15.15
596	Staffed CO During Outside Normal Business Hours	4 Hour Minimum - Initial	**NRMHN**		$242.35
597	Staffed CO During Outside Normal Business Hours	Per 1/4 Hour - Additional	**NRMJ7**		$15.15
598	Not Staffed CO/RT During Normal Business Hours	Per 1/4 Hour	**NRMJ8**		$15.15
599	Not Staffed CO/RT During Outside Normal Business Hours	4 Hour Minimum - Initial	**NRMJ9**		$242.35
600	Not Staffed CO/RT During Outside Normal Business Hours	Per 1/4 Hour - Additional	**NRML7**		$15.15
601	**CEV, HUT & CABINET**				
602	Per Visit	4 Hour Minimum - Initial	**NRMJ9**		$242.35
603	Per Visit	Per 1/4 Hour - Additional	**NRML7**		$15.15
604	**ADDITIONAL LABOR ELEMENTS**				
605	**TRAINING**				
606	Communications Tech	Per 1/2 Hour	**NRMCD**		$39.21
607	CO Manager	Per 1/2 Hour	**NRME9**		$39.45
608	Power Engineer	Per 1/2 Hour	**NRMF9**		$38.47
609	Equipment Engineer	Per 1/2 Hour	**NRMHJ**		$38.47
610	**EQUIPMENT EVALUATION COST**				
611	Equipment Engineer	Per 1/2 Hour	**NRMO9**		$38.47
612	**TEST AND ACCEPTANCE**				
613	Communications Tech	Per 1/2 Hour	**NRMP2**		$39.21
614					
615	**CLEC-PROVISIONED FACILITIES & EQUIPMENT: ADJACENT ON SITE**				
616	**PLANNING**				
617	Planning - Initial	Per Request	**NRFA1**		$9,268.73
618	Planning - Subsequent	Per Request	**NRFA2**		$1,606.77
619	**REAL ESTATE**				
620	Land Rental	Per Square Foot	**S8GEN**	$0.44	
621	**POWER PROVISIONING**				
622	**Power Cable and Infrastructure:**				
623	2-100 Amp Feeds	Per 2-100 Amp Power Feeds (CLEC provides cable)	**NONE**		
624	2-200 Amp Feeds	Per 2-200 Amp Power Feeds (CLEC provides cable)	**NONE**		
625	2-300 Amp Feeds	Per 2-300 Amp Power Feeds (CLEC provides cable)	**NONE**		
626	2-400 Amp Feeds	Per 2-400 Amp Power Feeds (CLEC provides cable)	**NONE**		
627	**AC Service:**				
628	Extension of 100 Amp AC Service (Opt.)	Per Request	**NRFCW**		$6,447.00
629	AC Usage	Per KWH	**S8GEO**	$0.05	
630	**DC POWER AMPERAGE CHARGE**				
631	Per Amp	Per Amp	**S8GCR**	$10.61	

PACIFIC BELL TELEPHONE COMPANY d/b/a ATT CALIFORNIA
Collocation Rate Summary
April 24, 2007

Line	Product Type	Rate Element Description	USOC	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)
632	**FIBER CABLE PLACEMENT**				
633	Fiber Installation	Per Fiber Cable Sheath (CLEC Vendor Pulls Cable)	**S8GF4**	$2.13	$488.48
634	Entrance Fiber Racking	Per Rack/Conduit Duct	**S8GDG**	$1.55	
635	**CABLE RACK**				
636	DC Power Cable Rack	Per Rack	**S8GEP**	$13.64	$2,667.22
637	Fiber Cable Rack	Per Rack	**S8GEQ**	$20.63	
638	Interconnection Arrangement (Copper) Racking	Per Rack	**S8GER**	$30.63	
639	**CONDUIT PLACEMENT**				
640	DC Power Cable Rack	Per Rack	**S8GES**		$7,386.71
641	Fiber Cable Rack	Per Rack	**S8GET**		$4,711.89
642	Interconnection Arrangement (Copper) Racking	Per Rack	**S8GEU**		$5,545.50
643	**INTERCONNECTION COSTS:**				
644	**ILEC TO CLEC CONNECTION**				
645	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	**S8F3G**	$0.00	$156.02
646	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	**S8FWW**	$0.00	$156.02
647	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	**S8F2L**	$0.00	$3,105.79
648	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	**S8F2R**	$0.00	$486.89
649	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	**S8F23**	$0.00	$1,809.40
650	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	**S8F27**	$0.00	$116.67
651	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	**S8F3N**	$3.76	$495.49
652					
653	**AT&T-PROVISIONED FACILITIES & EQUIPMENT: ADJACENT ON SITE**				
654	**PLANNING**				
655	Planning - Initial	Per Request	**NRFA1**		$9,268.73
656	Planning - Subsequent	Per Request	**NRFA2**		$1,606.77
657	**REAL ESTATE**				
658	Land Rental	Per Square Foot	**S8GEN**	$0.44	
659	**POWER PROVISIONING**				
660	**Power Cable and Infrastructure:**				
661	2-100 Amp Feeds	Per 2-100 Amp Power Feeds	**S8GC4**	$13.84	$7,853.86
662	2-200 Amp Feeds	Per 2-200 Amp Power Feeds	**S8GC5**	$13.84	$14,584.00
663	2-300 Amp Feeds	Per 2-300 Amp Power Feeds	**S8GC6**	$13.84	$20,338.00
664	2-400 Amp Feeds	Per 2-400 Amp Power Feeds	**S8GC7**	$13.84	$28,143.00
665	**AC Service:**				
666	Extension of 100 Amp AC Service (Opt.)	Per Request	**NRFCW**		$6,447.00
667	AC Usage	Per KWH	**S8GEO**	$0.05	
668	**DC POWER AMPERAGE CHARGE**				
669	Per Amp	Per Amp	**S8GCR**	$10.61	
670	**FIBER CABLE PLACEMENT**				
671	Fiber Installation	Per Fiber Cable Sheath	**S8GDF**	$2.13	$976.96
672	Entrance Fiber Racking	Per Rack/Conduit Duct	**S8GDG**	$1.55	
673	**CABLE RACK**				
674	DC Power Cable Rack	Per Rack	**S8GEP**	$13.64	$2,667.22
675	Fiber Cable Rack	Per Rack	**S8GEQ**	$20.63	
676	Interconnection Arrangement (Copper) Racking	Per Rack	**S8GER**	$30.63	
677	**CONDUIT PLACEMENT**				
678	DC Power Cable Rack	Per 2-Duct	**S8GES**		$7,386.71
679	Fiber Cable Rack	Per 1-Duct	**S8GET**		$4,711.89
680	Interconnection Arrangement (Copper) Racking	Per 2-Duct	**S8GEU**		$5,545.50
681	**INTERCONNECTION COSTS:**				
682	**ILEC TO CLEC CONNECTION**				
683	Voice Grade Arrangement	100 Copper Pairs	**S8GEA**	$0.00	$1,371.93
684	Voice Grade Arrangement	100 Shielded Pairs	**S8GEB**	$0.00	$1,371.93
685	DS1 Arrangement - DCS	28 DS1	**S8GDN**	$0.00	$2,341.45
686	DS1 Arrangement - DSX	28 DS1	**S8GDS**	$0.00	$2,341.45
687	DS3 Arrangement - DCS	1 DS3	**S8GDY**	$0.00	$598.33
688	DS3 Arrangement - DSX	1 DS3	**S8GD3**	$0.00	$598.33
689	Fiber Arrangement	12 Fiber Pairs(24 Fiber Strands)	**S8GEG**	$8.25	$3,751.22
690					
691	**CLEC-PROVISIONED FACILITIES & EQUIPMENT: ADJACENT OFF-SITE**				
692	**PLANNING**				
693	Planning	Per Request	**NRFA3**		$1,254.32
694	**CONDUIT**				
695	Conduit Space	Per Innerduct	**S8GEW**	$1.17	
696	**INTERCONNECTION COSTS:**				
697	**ILEC TO CLEC CONNECTION**				
698	Voice Grade/DS0 Arrangement	900 DS0 (Hole, Racking, MDF) (CLEC Vendor Pulls and Installs Cable)	**S8GF5**	$0.00	
699	DS1 Arrangement - DCS	28 DS1 (Hole, Racking, DCS) (CLEC Vendor Pulls and Installs Cable)	**S8GF6**	$0.00	
700	DS1 Arrangement - DSX	28 DS1 (Hole, Racking, DSX) (CLEC Vendor Pulls and Installs Cable)	**S8GF7**	$0.00	
701	DS1 Arrangement - MDF	450 DS1 (Hole, Racking, MDF) (CLEC Vendor Pulls and Installs Cable)	**S8GF8**	$0.00	
702	Fiber Arrangement	12 Fiber Pairs (Hole, Racking, FDF) (CLEC Vendor Pulls and Installs Cable)	**S8GF9**	$9.02	
703					

PACIFIC BELL TELEPHONE COMPANY d/b/a ATT CALIFORNIA
Collocation Rate Summary
April 24, 2007

Line	Product Type	Rate Element Description	USOC	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)
704	**AT&T-PROVISIONED FACILITIES & EQUIPMENT: ADJACENT OFF-SITE**				
705	**PLANNING**				
706	Planning	Per Request	**NRFA3**		$1,254.32
707	**CONDUIT**				
708	Conduit Space	Per Innerduct	**S8GEW**	$1.17	
709	**INTERCONNECTION COSTS:**				
710	**ILEC TO CLEC CONNECTION**				
711	Voice Grade/DS0 Arrangement	900 DS0	**S8GEC**	$0.00	$485.31
712	DS1 Arrangement - DCS	28 DS1	**S8GDO**	$0.00	$1,830.99
713	DS1 Arrangement - DSX	28 DS1	**S8GDT**	$0.00	$1,830.99
714	DS1 Arrangement - MDF	450 DS1	**S8GDU**	$0.00	$485.31
715	Fiber Arrangement	12 Fiber Pairs (24 Fiber Strands)	**S8GEH**	$9.02	$3,370.20
716					
717	**RATES AND CHARGES FOR**				
718	**COMPLETE SPACE DISCONTINUANCE**				
719	Application Fee	Per Request	**NRFX1**		$503.95
720	Project Management Fee – Complete Space Discontinuance	Per Request	**NRFX2**		$2,883.10
721	Remove Fiber Jumpers	Per linear foot	**NRFX3**		$18.79
722	Remove Fiber Cables	Per linear foot	**NRFX4**		$14.43
723	Remove VF/DS0 Cable	Per linear foot	**NRFX5**		$2.60
724	Remove DS1 Cable	Per linear foot	**NRFX6**		$4.89
725	Remove DS3 Cable (Coax)	Per linear foot	**NRFX7**		$3.57
726	Remove Timing Cable	Per Request	**NRFX8**		$9.64
727	Remove Power Cable-50AMP feed & below	Per linear foot	**NRFX9**		$24.76
728	Remove Power Cable-100AMP feed & above	Per linear foot	**NRFXA**		$22.73
729	Remove Cage Grounding Material	Each grounding lead & ground bar	**NRFXB**		$1,462.85
730	Remove Fiber Entrance Cable	Per cable removal job	**NRFXC**		$1,664.00
731	Infrastructure Maps & Records	Per cable removal job	**NRFXD**		$104.00
732	Engineering Work Order	Per cable removal job	**NRFXE**		$104.00
733	Work Group Information Distribution	Per cable removal job	**NRFXF**		$104.00
734	Restore Floor Tile – per Standard Bay	Per Standard Bay	**NRFXG**		$71.79
735	Floor Restoration Contractor Trip Charge	Per trip	**NRFXH**		$144.63
736	Restore Floor Tile	Per Non-Standard Bay	**NRFXJ**		$81.53
737					
738	**RATES AND CHARGES FOR**				
739	**SPACE REASSIGNMENT/RESTENCILING**				
740	Application Fee	Per Request	**NRFXK**		$503.95
741	Project Management Fee – Space Reassignment	Per Request	**NRFXL**		$2,883.10
742	Restencil DS0/DSL Block	Per 100 pair block	**NRFXM**		$15.33
743	Restencil DS1 Block	Per 28 DS1s	**NRFXN**		$6.02
744	Restencil DS3 Coax Cable	Per cable	**NRFXO**		$4.90
745	Restencil Fiber Cable Block	Per 12 pair cable	**NRFXP**		$91.95
746	Restencil Fiber Jumper Block	Per 4 jumpers	**NRFXQ**		$61.30
747	Restencil Power and tag cables	Per 1-4 feeds	**NRFXR**		$107.28
748	Restencil Timing Source and tag cable	Per cable	**NRFXS**		$122.60
749	Timing Record Book Update	Per element	**NRFXT**		$45.98
750	Interconnection Records Update	Per element	**NRFXU**		$296.61
751	Power Records Update	Per element	**NRFXV**		$355.94
752	Vendor Engineering	Per Space Reassignment job	**NRFXW**		$711.88
753					
754	**RATES AND CHARGES FOR**				
755	**POWER REDUCTION (CABLE REMOVAL)**				
756	Application Fee	Per Request	**NRFXX**		$503.95
757	Project Management Fee – Power Reduction(cable removal)	Per Request	**NRFXY**		$2,220.45
758	Remove Power Cable-50AMP feed & below	Per linear foot	**NRFXZ**		$24.76
759	Remove Power Cable-100AMP feed & above	Per linear foot	**NRFY1**		$22.73
760					
761	**RATES AND CHARGES FOR**				
762	**POWER REDUCTION (REFUSING ONLY)**				
763	Application Fee	Per Request	**NRFY2**		$503.95
764	Project Management Fee – Power Refusing Only	50AMP A&B feeds & below	**NRFY3**		$1,562.80
765	Project Management Fee – Power Refusing Only	100AMP A&B feeds & above	**NRFY4**		$2,004.57
766	Power Fuse Reductions on Company BDFB	50AMP A&B feeds & below	**NRFY5**		$367.81
767	Restencil Power and tag cables	Per 1-4 feeds	**NRFY6**		$107.28
768	Power Records Update	Per element	**NRFY7**		$355.94
769	Vendor Engineering	Per Space Reassignment job	**NRFY8**		$711.88
770	Power Fuse Reductions on Power Board	100AMP A&B feeds & above	**NRFY9**		$490.41
771	Restencil Power and tag cables	Per 1-4 feeds	**NRFYA**		$107.28
772	Power Records Update	Per element	**NRFYB**		$355.94
773	Vendor Engineering	Per Space Reassignment job	**NRFYC**		$711.88
774					
775	**RATES AND CHARGES FOR**				
776	**INTERCONNECTION TERMINATION REDUCTION**				
777	Application Fee	Per Request	**NRFYD**		$503.95
778	Project Management Fee – Interconnection Cable Reduction	Per Request	**NRFYE**		$2,441.33
779	Remove VF/DS0 Cable	Per linear foot	**NRFYF**		$2.60
780	Remove DS1 Cable	Per linear foot	**NRFYG**		$4.89
781	Remove DS3 Cable (Coax)	Per linear foot	**NRFYH**		$3.57
782	Remove Fiber Cables	Per linear foot	**NRFYJ**		$14.43
783	Remove Fiber Jumpers	Per linear foot	**NRFYK**		$18.79

APPENDIX DATA EXCHANGE FOR THE DISTRIBUTION OF INTRALATA MESSAGE DETAIL AND/OR THE SETTLEMENT OF INTRALATA MESSAGE REVENUE

This Appendix is for the Settlement of Non-Calling Card and Third Number Settlement ("CATS") System Messages ("Appendix").

WHEREAS, the Parties desire to settle all Non-CATS Messages as set forth in this Appendix; and

NOW, THEREFORE, in consideration of the mutual promises contained herein and other good and valuable consideration, the Parties hereby agree as follows:

1. DEFINITIONS

1.1 "AT&T CALIFORNIA" - As used herein, AT&T CALIFORNIA means Pacific Bell Telephone Company d/b/a AT&T California (and previously referred to as "SBC California"), the applicable AT&T-owned ILEC doing business in California.

1.2 "AT&T CALIFORNIA Calling Card Messages" means messages where (i) the charges are billed to a telecommunications line number based calling card issued by AT&T CALIFORNIA, (ii) the Transporting LEC is Customer, and (iii) the originating number and the line number on the calling card are located in the same Bellcore Client Company territory.

1.3 "AT&T CALIFORNIA Collect Messages" means messages where the charges are billed to the called end user who is a AT&T CALIFORNIA Subscriber and where the Transporting LEC is Customer.

1.4 "AT&T CALIFORNIA Non-CATS Messages" means AT&T CALIFORNIA Collect Messages, AT&T CALIFORNIA Calling Card Messages and/or AT&T CALIFORNIA Third Number Billed Messages as those terms are defined herein.

1.5 "AT&T CALIFORNIA Subscriber" means an end user who has authorized AT&T CALIFORNIA to provide the end user with local exchange service or who has billed an intraLATA call to a telecommunications calling card issued by AT&T CALIFORNIA.

1.6 "AT&T CALIFORNIA Third Number Billed Messages" means messages where (i) the charges are billed to a AT&T CALIFORNIA Subscriber's telephone number that is not the originating or terminating telephone number, (ii) the Transporting LEC is Customer, and (iii) the originating and billed telephone numbers are located in the same Bellcore Client Company territory.

1.7 "Bellcore Client Company" means AT&T CALIFORNIA and any Bell Operating Company as defined in Section 153 of the Communications Act of 1934, as amended.

1.8 "CMDS Host" means the Bellcore Client Company that is a CMDS direct participant that acts on behalf of a LEC to distribute end user message detail through CMDS and, where applicable, to settle end user message detail through BOC CATS.

1.9 "Calling Card and Third Number Settlement" ("CATS") means that part of CMDS which is a mechanized computer process used to maintain records regarding intercompany settlements through which revenues collected by the billing company are distributed to the originating company. Records included in this process are intraLATA Calling Card Messages and/or Third Number Billed Messages that originate in one Bellcore Client Company territory and is billable to an end user in another Bellcore Client Company territory

1.10 "Centralized Message Data System I" ("CMDS") means the industry-wide data collection system located in Missouri, which handles the daily exchange of toll message details between CMDS participating telephone companies (also known as CMDS direct participants). AT&T CALIFORNIA is a CMDS direct participant.

1.11 "Customer Calling Card Messages" means messages where (i) the charges are billed to a telecommunications line number based calling card issued by Customer, (ii) the Transporting LEC is AT&T

CALIFORNIA, and (iii) the originating number and the line number on the calling card are located in the same Bellcore Client Company territory.

1.12 "Customer Collect Messages" means messages where the charges are billed to the called end user who is a Customer Subscriber and where the Transporting LEC is AT&T CALIFORNIA.

1.13 "Customer Non-CATS Messages" means Customer Collect Messages, Customer Calling Card Messages and/or Customer Third Number Billed Messages as those terms are defined herein.

1.14 "Customer Subscriber" means an end user who has authorized Customer to provide the end user with local exchange service in California or who has billed an intraLATA call to a telecommunications calling card that is based on a California telephone number issued by the Customer.

1.15 "Customer Third Number Billed Messages" means messages where (i) the charges are billed to a Customer Subscriber's telephone number that is not the originating or terminating telephone number, (ii) the Transporting LEC is AT&T CALIFORNIA, and (iii) the originating and billed telephone numbers are located in the same Bellcore Client Company territory.

1.16 "Local Access and Transport Area" ("LATA") are those designated areas approved by the United States District Court for the District of Columbia in United States of America v. American Telephone and Telegraph Company, et al., Civil Action Nos. 74-1698 and 82-0192.

1.17 "Local Exchange Carrier" ("LEC") means a carrier authorized to provide local, exchange access and intraLATA toll services.

1.18 "Transporting LEC" means the LEC on whose network an end user originates a call.

2. SCOPE OF AGREEMENT

2.1 This Appendix specifies the rights and obligations of the Parties with respect to (i) the distribution and/or settlement of Customer Non-CATS Messages where AT&T CALIFORNIA and (ii) the settlement of AT&T CALIFORNIA Non-CATS Messages where Customer is the Transporting LEC.

2.2 This Appendix includes the following Exhibits which are incorporated herein by this reference:

2.2.1 Exhibit A - Rate Schedule

2.2.2 Exhibit B - Non-CMDS Outcollect Report

2.3 Except as expressly provided otherwise, the definitions set forth in Section 1 above shall govern all parts of this Appendix.

3. DESCRIPTION OF SERVICES

3.1 AT&T CALIFORNIA shall forward Customer Non-CATS Messages to Customer. AT&T CALIFORNIA shall forward Rejected Messages and Unbillable Messages as defined in Section 4.4 below, to Customer. All message detail shall be EMI industry standard format and shall be exchanged at agreed upon intervals.

3.1.1 Customer shall obtain a dedicated RAO code. The RAO code will be used to exchange messages between Customer and AT&T CALIFORNIA. Customer shall inform AT&T CALIFORNIA whether Customer is designating itself or an agent for receipt of Customer's messages by completing AT&T CALIFORNIA's "Technical Requirements" packet. Thereafter, Customer may change its designation only by completing a new AT&T CALIFORNIA "Technical Requirement" packet. Customer may not designate more than one entity to receive its Messages under this Appendix. If Customer has executed a Meet Point Billing ("MPB") agreement with AT&T CALIFORNIA and has informed AT&T CALIFORNIA of Customer's designation under this Appendix, Customer may not make a different designation under the Appendix, and the designation under the MPB agreement will apply to the Messages governed hereunder. Customer expressly understands that all of its Messages – both under this Appendix and its MPB agreement – must be directed to a single entity.

3.2 This Appendix does not cover the distribution, settlement or billing of 900/976 calls transported by AT&T CALIFORNIA pursuant to Schedule Cal. P.U.C. Nos. A.9.5.3 and A.9.5.2 ("California 900/976 Messages") that originate from a Customer Subscriber's telephone number. Customer shall block access of its Subscribers to California 900/976 numbers. Customer shall be liable for the value of all completed California 900/976 Messages originating from a Customer Subscriber's telephone number. AT&T CALIFORNIA shall include the value of all such completed California 900/976 Messages in the Net Amount Due calculation set forth in Section 4.5 below.

3.3 Customer shall forward AT&T CALIFORNIA Non-CATS Messages to AT&T CALIFORNIA. Customer shall forward Unbillable Messages as defined in Section 4.2 below, to AT&T CALIFORNIA. All message detail shall be EMI industry standard format and shall be exchanged at agreed upon intervals.

3.4 AT&T CALIFORNIA and Customer shall exercise good faith efforts to bill and collect all amounts due from its Subscribers for messages distributed under this Appendix. AT&T CALIFORNIA and Customer warrant that the billing and collection for messages distributed under this Appendix shall be at a performance level no less than the party uses for the billing of its own local exchange services, which in no event shall be inconsistent with generally accepted industry standards of operation for the provision of billing and collection services. AT&T CALIFORNIA and Customer further agree that the billing and collection process for messages distributed under this Appendix shall comply with all relevant legal, regulatory and legislative authorities.

3.5 The exchange of message detail between AT&T CALIFORNIA and Customer shall be based on any mutually acceptable medium.

4. SETTLEMENT ARRANGEMENT

4.1 For Customer Non-CATS Messages billed to Customer Subscribers that AT&T CALIFORNIA forwards to Customer, AT&T CALIFORNIA shall calculate the amount due based on the following formula:

Rated Value of Customer Non-CATS Messages
- Rejected/Unbillable Messages
- Customer Billing Charge

= Amount Due AT&T CALIFORNIA

4.2 As used in Subsection 4.1 above the following terms are defined as set forth below:

4.2.1 Rated Value of Customer Non-CATS Messages means the total computed charges for Customer Non-CATS based on the Transporting LEC's schedule of rates.

4.2.2 Rejected Messages means the rated value of Customer Non-CATS Messages that failed to pass the edits within the CMDS system and were returned to AT&T CALIFORNIA.

4.2.3 Unbillable Messages means the rated value of Customer Non-CATS Messages that were not billable to a Customer Subscriber because of missing information in the billing record or other billing error, not the result of an error by Customer or Customer's CMDS Host, that are returned in a timely fashion to AT&T CALIFORNIA through CMDS.

4.2.4 Customer Billing Charge means the Customer per message billing rate, as set forth in Exhibit A, times the number of Customer Non-CATS Messages forwarded by AT&T CALIFORNIA to CMDS.

4.3 For AT&T CALIFORNIA Non-CATS messages billed to AT&T CALIFORNIA Subscribers that Customer forwards to AT&T CALIFORNIA, Customer shall calculate the amount due based on the following formula:

Rated Value of AT&T CALIFORNIA Non-CATS Messages
- Unbillable Messages
- AT&T CALIFORNIA Billing Charge

= Amount Due Customer

4.4 As used in Subsection 4.3 above the following terms are defined as set forth below:

4.4.1 Rated Value of AT&T CALIFORNIA Non-CATS Messages means the total computed charges for AT&T CALIFORNIA Non-CATS Messages based on Customer's schedule of rates.

4.4.2 Unbillable Messages means the rated value of AT&T CALIFORNIA Non-CATS Messages that were not billable to a AT&T CALIFORNIA Subscriber because of missing information in the billing record or other billing error, not the result of an error by AT&T CALIFORNIA, that are returned by AT&T CALIFORNIA in a timely fashion to Customer.

4.4.3 AT&T CALIFORNIA Billing Charge means the AT&T CALIFORNIA per message billing rate, as set forth in Exhibit A, times the number of AT&T CALIFORNIA Non-CATS Messages received by AT&T CALIFORNIA.

4.5 Within 15 business days following the end of each calendar month, AT&T CALIFORNIA shall provide Customer with a Non-CMDS Outcollect Report in the form of Exhibit B. The report shall include the following information:

- Customer Non-CATS Messages (by number and associated rated value) forwarded by AT&T CALIFORNIA;
- Customer Non-CATS Messages (by number and associated rated value) returned to AT&T CALIFORNIA as Rejected or Unbillable Messages;
- Amount Due AT&T CALIFORNIA, as set forth in Subsection 4.1 above.

4.6 Customer shall have 30 days from receipt of the Non-CMDS Outcollect Report to pay the Net Amount Due penalty free. Payments shall be made by check unless otherwise agreed by the Parties.

4.6.1 If the due date falls on a Saturday, Sunday or bank holiday, the due date shall be the first non-holiday day following such Saturday, Sunday or bank holiday.

4.6.2 Any payment received after the due date shall be subject to a Late Payment Charge. The Late Payment Charge shall be the portion of the Amount Due AT&T CALIFORNIA received after the payment date times a late factor. The late factor shall be a 0.05% daily charge, not compounded, or as otherwise mandated by regulatory or governmental authorities. Any Late Payment Charge shall be included in the next applicable payment.

4.6.3 Should Customer dispute any portion of the amount due, Customer shall notify AT&T CALIFORNIA in writing of the nature and basis of the dispute as soon as possible and prior to the due date. The Parties shall use their best efforts to resolve the dispute prior to the due date.

EXHIBIT A

RATE SCHEDULE

Customer Billing Charge	$ .05 per message
AT&T CALIFORNIA Billing Charge	$ .05 per message

EXHIBIT B

Billed By Company (e.g. XYZ) NON-CMDS OUTCOLLECTS (LC46 Report)

OCN:---------- Effective 3/1

	INTERSTATE				INTRASTATE			
	INTRA # Msgs.	$'s	INTER # Msgs.	$'s	INTRA # Msgs.	$'s	INTER # Msgs.	$'s
Revenue Exch. Rcds								
- Collectibles	10	50.00	0	0	1000	10,000.00	10	10.00
- Billing and Collection (.05 per message)		($.50)				($ 50.00)		($.50)
Recording Services	15		11		22		__19	_____
Sub-Total	26	$52.00	11	0	1032	$10,010.00	29	$9.50
Msg. Processing charge @ .014 per msg.		$ .26		$ .11		$ 10.32		$ .29
Total		$52.26		$ .11		$10,020.32		$ 9.79
	# Messages	MOU	# Messages	MOU	#	MOU	# Messages	MOU
Access/Interconnection								
- CABS – MOU	50	100	0	0	850	19,450	5	60
- CABS Cancel	2		0	0	35	120	0	
End User Billing								
- 800 Service	1		0	0	72	15	2	0
- Errored Returns	50							
- Other Services	0	0	0	0	60	45		

NOTES:
- Assumption is that all settlements will be handled as Net-Settlements
- One report will be created for each tape transmitted and a copy will be sent with each tape.
- A monthly summary will be created. Work effort 8852.

APPENDIX
PERFORMANCE MEASUREMENTS

TABLE OF CONTENTS

INTRODUCTION.....1

APPENDIX PERFORMANCE MEASUREMENTS

1. INTRODUCTION

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, Southwestern Bell Telephone Company d/b/a AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma and/or AT&T Texas and/or Wisconsin Bell, Inc. d/b/a AT&T Wisconsin.

1.2 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.

1.3 As used herein, the term "Service Bureau Provider" means a company that has been engaged by CLEC to act on behalf of the CLEC for purposes of accessing AT&T CALIFORNIA's OSS application-to-application interfaces.

1.4 The performance measurements referenced herein, notwithstanding any provisions in any other appendix in this Agreement, are not intended to create, modify or otherwise affect Parties' rights and obligations. 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 CALIFORNIA 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.

1.5 Except as otherwise provided herein, the service performance measures, performance payments, and related provisions ordered by the California Public Utilities Commission in R.97-10-016 and I.97-10-017, including any subsequently Commission-ordered additions, modifications and/or deletions thereof, shall be the exclusive plan applicable to CLECs providing service in AT&T CALIFORNIA ILEC exchanges and shall supersede and supplant all performance measurements previously agreed to by the Parties for AT&T CALIFORNIA. The terms set forth herein shall apply beginning with the calendar month of April 2002, or the first full month of service after the effective date of this Appendix for any CLEC who was not providing service under an interconnection Agreement as of April 2002. The terms set forth herein shall remain in place for the underlying term of this Agreement. By entering into this Appendix, neither party waives or otherwise foregoes any rights it may have to appeal the aforementioned Commission orders or future Commission decisions modifying the terms of this Appendix or extending it beyond the underlying term of this Agreement, and the Parties expressly reserve such rights.

1.6 In addition to the exclusions described in the performance measures and remedy plans ordered by the State Commission that approved this Agreement, to which the Parties to this Agreement have agreed to be bound, AT&T CALIFORNIA shall not be obligated to make any payments 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 on behalf of the CLEC for connection to AT&T CALIFORNIA's OSS, including Service Bureau Provider provided processes, services, systems or connectivity.

1.7 The performance payments provided hereunder shall not be the sole and exclusive remedy for the related performance failures and shall act only as an offset to damages sought in any subsequent claim by CLEC.