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

ILLINOIS BELL TELEPHONE COMPANY d/b/a SBC ILLINOIS,

INDIANA BELL TELEPHONE COMPANY INCORPORATED d/b/a SBC INDIANA,

MICHIGAN BELL TELEPHONE COMPANY d/b/a SBC MICHIGAN,

NEVADA BELL TELEPHONE COMPANY d/b/a SBC NEVADA,

THE OHIO BELL TELEPHONE COMPANY d/b/a SBC OHIO,

PACIFIC BELL TELEPHONE COMPANY d/b/a SBC CALIFORNIA,

THE SOUTHERN NEW ENGLAND TELEPHONE COMPANY d/b/a SBC CONNECTICUT,

SOUTHWESTERN BELL TELEPHONE, L.P. d/b/a SBC ARKANSAS, SBC KANSAS,

SBC MISSOURI, SBC OKLAHOMA AND/OR SBC TEXAS

AND/OR WISCONSIN BELL, INC. d/b/a SBC WISCONSIN

SUBJECT INDEX

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

Out of Exchange Traffic OET-13STATE
Intercarrier Compensation ..... INTERCARRIER COMP-13STATE
Recording RECORDING-13STATE
Resale RESALE-13STATE
Structure Access SA-13STATE
Lawful UNEs (Lawful Provision of Access to Unbundled Network Elements) L-UNE-13STATE
White Pages WP-13STATE
Clearinghouse CH-12STATE
xDSL and Line Splitting ..... XDSL/LINE SPLITTING-12STATE
Non-Intercompany Settlement NICS-5STATE
Indiana Pricing ..... PRICING-IN
Indiana Pricing Schedule - UNE ..... PRICING SCHEDULE-UNE-IN
Indiana 271 Performance Remedy Plan ..... PM-IN
Indiana UNE Combos ..... UNE COMBOS-IN
Michigan Pricing ..... PRICING-MI
Michigan Pricing Schedule - UNE ..... PRICING SCHEDULE-UNE-MI
Michigan Performance Measurements ..... PM-MI
Wisconsin Pricing ..... PRICING-WI
Wisconsin Pricing Schedule - UNE ..... PRICING SCHEDULE-UNE-WI
Wisconsin Compromise Remedy Plan ..... PM-WI

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

between one or more of

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

and

CenturyTel Fiber Company II, LLC d/b/a LightCore, a CenturyTel Company

TABLE OF CONTENTS

1. DEFINITIONS 5
2. INTERPRETATION, CONSTRUCTION AND SEVERABILITY 16
3. NOTICE OF CHANGES -- SECTION 251(C)(5) 20
4. GENERAL RESPONSIBILITIES OF THE PARTIES 20
5. EFFECTIVE DATE, TERM, AND TERMINATION 24
6. END USER FRAUD 26
7. ASSURANCE OF PAYMENT 26
8. BILLING AND PAYMENT OF CHARGES 28
9. NONPAYMENT AND PROCEDURES FOR DISCONNECTION 32
10. DISPUTE RESOLUTION 36
11. AUDITS – APPLICABLE IN SBC-12STATE ONLY 39
12. DISCLAIMER OF REPRESENTATIONS AND WARRANTIES 40
13. LIMITATION OF LIABILITY 41
14. INDEMNITY 42
15. PERFORMANCE MEASURES 45
16. INTELLECTUAL PROPERTY 45
17. NOTICES 46
18. PUBLICITY AND USE OF TRADEMARKS OR SERVICE MARKS 47
19. NO LICENSE 47
20. CONFIDENTIALITY 47
21. INTERVENING LAW 48
22. GOVERNING LAW 48
23. REGULATORY APPROVAL 49
24. CHANGES IN END USER LOCAL EXCHANGE SERVICE PROVIDER SELECTION 49
25. COMPLIANCE AND CERTIFICATION 50
26. LAW ENFORCEMENT 50
27. RELATIONSHIP OF THE PARTIES/INDEPENDENT CONTRACTOR 51
28. NO THIRD PARTY BENEFICIARIES; DISCLAIMER OF AGENCY 51
29. INTENTIONALLY LEFT BLANK 51
30. SUBCONTRACTING 51
31. RESPONSIBILITY FOR ENVIRONMENTAL CONTAMINATION 52
32. FORCE MAJEURE 53
33. TAXES 53
34. NON-WAIVER 55

35. NETWORK MAINTENANCE AND MANAGEMENT 55
36. SIGNALING 56
37. TRANSMISSION OF TRAFFIC TO THIRD PARTIES 56
38. CUSTOMER INQUIRIES 56
39. EXPENSES 56
40. CONFLICT OF INTEREST 56
41. SURVIVAL 56
42. SCOPE OF AGREEMENT 57
43. AMENDMENTS AND MODIFICATIONS 57
44. APPENDICES INCORPORATED BY REFERENCE 57
45. AUTHORITY 59
46. COUNTERPARTS 60
47. ENTIRE AGREEMENT 60

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

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

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

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

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

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

NOW, THEREFORE, the Parties hereby agree as follows:

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

GENERAL TERMS AND CONDITIONS

1. DEFINITIONS

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

1.1 General Definitions

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

1.1.2 **"Access Compensation"** is the compensation paid by one Party to the other Party for the origination/termination of intraLATA toll calls to/from its End User. Access compensation is in accordance with the LEC's tariffed access rates.

1.1.3 **"Access Service Request"** (ASR) is an industry standard form used by the Parties to add, establish, change or disconnect trunks for the purposes of Interconnection.

1.1.4 **"Accessible Letters"** are correspondence used to communicate pertinent information regarding SBC-13STATE to the client/End User community.

1.1.5 **"Advanced Services"** means intrastate or interstate wireline Telecommunications Services, such as ADSL, IDSL, xDSL, Frame Relay, Cell Relay and VPOP-Dial Access Service (an SBC-13STATE Frame Relay-based service) that rely on packetized technology and have the capability of supporting transmissions speeds of at least 56 kilobits per second in both directions. This definition of Advanced Services does not include:

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

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

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

1.1.6 **"Affiliate"** is As Defined in the Act.

1.1.7 **"Alternate Billing Service"** (ABS) or **"Alternately Billed Traffic"** (ABT) means a service that allows End Users to bill calls to accounts that may not be associated with the originating line. There are three types of ABS calls: calling card, collect and third number billed calls.

1.1.8 **"Applicable Law"** means all laws, statutes, common law, regulations, ordinances, codes, rules, guidelines, orders, permits, tariffs and approvals, including those relating to the environment or health and safety, of any Governmental Authority that apply to the Parties or the subject matter of this Agreement.

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

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

1.1.11 **"Automated Message Accounting"** (AMA) is a structure inherent in switch technology that initially records Telecommunication message information. AMA format is contained in the Automated Message Accounting document published by Telcordia (formerly known as Bellcore) as GR-1100-CORE, which defines and amends the industry standard for message recording.

1.1.12 **"Bona Fide Request"** (BFR) is the process described in the applicable Appendix Lawful UNEs.

1.1.13 **"Business Day"** means Monday through Friday, excluding holidays on which the applicable SBC-owned ILEC does not provision new retail services and products.

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

1.1.15 "CABS" means the Carrier Access Billing System.

1.1.16 "Calling Name Delivery Service" (CNDS) means a service that enables a terminating End User to identify the calling party by a displayed name before a call is answered. The calling party's name is retrieved from a Calling Name Database and delivered to the End User's premise between the first and second ring for display on compatible End User premises equipment.

1.1.17 "Central Automatic Message Accounting (CAMA) Trunk" means a trunk that uses Multi-Frequency (MF) signaling to transmit calls from CLEC's switch to an SBC-13STATE E911 Selective Router.

1.1.18 "Centralized Message Distribution System" (CMDS) means the transport system that LECs use to exchange outcollect and Carrier Access Billing System "CABS" access messages among each other and other Parties connected to CMDS.

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

1.1.19.1 "End Office Switch" or "End Office" is a switching machine that directly terminates traffic to and receives traffic from purchasers of local exchange services. An End Office Switch does not include a PBX.

1.1.19.2 "Tandem Office Switch" or "Tandem(s)" are used to connect and switch trunk circuits between and among other Central Office Switches. A Tandem Switch does not include a PBX.

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

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

1.1.22 "Collocation" is an arrangement is an arrangement where a CLEC leases space at an SBC-13STATE premises for the placement of equipment necessary for interconnection or access to SBC-13STATE Lawful UNEs.

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

1.1.24 "Commission" means the applicable State agency with regulatory authority over Telecommunications. Unless the context otherwise requires, use of the term "Commissions" means all of the thirteen agencies listed in this Section. The following is a list of the appropriate State agencies:

1.1.24.1 the Arkansas Public Service Commission (AR-PSC);
1.1.24.2 Public Utilities Commission of the State of California (CA-PUC);
1.1.24.3 the Connecticut Department of Public Utility Control (DPUC);
1.1.24.4 the Illinois Commerce Commission (IL-CC);
1.1.24.5 the Indiana Utilities Regulatory Commission (IN-URC);
1.1.24.6 the Kansas Corporation Commission (KS-CC);
1.1.24.7 the Michigan Public Service Commission (MI-PSC);
1.1.24.8 the Missouri Public Service Commission (MO-PSC);
1.1.24.9 the Public Utilities Commission of Nevada (NV-PUC);
1.1.24.10 the Public Utilities Commission of Ohio (PUC-OH);
1.1.24.11 the Oklahoma Corporation Commission (OK-CC);
1.1.24.12 the Public Utility Commission of Texas (PUC-TX); and
1.1.24.13 the Public Service Commission of Wisconsin (PSC-WI).

1.1.25 "Common Channel Signaling" (CCS) means an out-of-band, packet-switched, signaling network used to transport supervision signals, control signals, and data messages. It is a special network, fully separate from the transmission path of the public switched network. Unless otherwise agreed by the Parties, the CCS protocol used by the Parties shall be SS7.

1.1.26 "Common Language Location Identifier" (CLLI) codes provide a unique 11-character representation of a network interconnection point. The first 8 characters identify the city, state and building location, while the last 3 characters identify the network component.

1.1.27 "Consequential Damages" means Losses claimed to have resulted from any indirect, incidental, reliance, special, consequential, punitive, exemplary, multiple or any other Loss, including damages claimed to have resulted from harm to business, loss of anticipated revenues, savings, or profits, or other economic Loss claimed to have been suffered not measured by the prevailing Party's actual damages, and regardless of whether the Parties knew or had been advised of the possibility that such damages could result in connection with or arising from anything said, omitted, or done hereunder or related hereto, including willful acts or omissions.

1.1.28 "Customer Usage Data" means the Telecommunications Services usage data of a CLEC End User measured in minutes, sub-minute increments, message units, or otherwise, that is recorded by SBC-13STATE and forwarded to CLEC.

1.1.29 "Custom Local Area Signaling Service Features" (CLASS) means certain call-management service features that are currently available from SBC-13STATE's local networks. These could include: Automatic Call Back; Automatic Recall; Call Trace; Caller Identification and related blocking features; Calling Number Delivery; Customer Originated Trace; Distinctive Ringing/Call Waiting; Selective Call Forward; and Selective Call Rejection.

1.1.30 "Customer Name and Address Information" (CNA) means the name, service address and telephone numbers of a Party's End Users for a particular Exchange Area. CNA includes nonpublished listings, coin telephone information and published listings.

1.1.31 "Data Interexchange Carrier" (DIXC) is a process designed to facilitate the reciprocal exchange of voice traffic load data between the SBC-13STATE and CLECs interconnecting with its network. This reciprocal exchange of data enables SBC-13STATE and each CLEC to have a complete view of traffic loads on both ends of two-way trunk groups. The knowledge of call attempt and overflow data counts on both ends of a two-way trunk group enables each company to more accurately estimate the offered, and thereby better estimate, the required quantities of trunks.

1.1.32 "Declassified" or "Declassification" means the situation where a network element, including a network element referred to as a Lawful UNE under this Agreement, ceases to be a Lawful UNE under this Agreement because it is no longer required by Section 251(c)(3) of the Act, as determined by lawful and effective FCC rules and associated lawful and effective FCC and judicial orders. Without limitation, a Lawful UNE that has ceased to be a Lawful UNE may also be referred to as "Declassified."

1.1.33 "Delaying Event" means any failure of a Party to perform any of its obligations set forth in this Agreement, caused in whole or in part by:

1.1.33.1 the failure of the other Party to perform any of its obligations set forth in this Agreement, including but not limited to a Party's failure to provide the other Party with accurate and complete Service Orders;

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

1.1.33.3 any Force Majeure Event.

1.1.34 "Dialing Parity" is As Defined in the Act. As used in this Agreement, Dialing Parity refers to both Local Dialing Parity and Toll Dialing Parity.

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

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

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

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

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

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

1.1.38 "End Users" means a third-party residence or business that subscribes to Telecommunications Services provided by any of the Parties at retail. As used herein, the term "End Users" does not include any of the Parties to this Agreement with respect to any item or service obtained under this Agreement.

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

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

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

1.1.42 "Exchange Message Interface" (EMI) (formerly Exchange Message Record - EMR) is the standard used for exchange of Telecommunications message information among Telecommunications Carriers for billable, non-billable, sample, settlement and study data. EMI format is contained in Telcordia Practice BR-010-200-010, CRIS Exchange Message Record.

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

1.1.44 "Feature Group A" (FGA) means calls either originated by, or delivered to, an End User who has purchased switched access FGA service from the interstate or intrastate tariffs of either Party. FGA also includes, but is not limited to, FGA-like services provided by either Party, where calls are originated from and/or delivered to numbers which are assigned to a Rate Center within one LATA but where the Party receiving the call is physically located in a LATA different than the LATA of the Party originating the call. The intercarrier compensation mechanism as well as additional definitions for FGA are specified in the appropriate Appendix FGA.

1.1.45 "Feature Group D" (FGD) is access available to all customers, providing trunk side access to a Party's End Office Switches with an associated uniform 101XXXX access code for customer's use in originating and terminating communications.

1.1.46 "FCC" means the Federal Communications Commission.

1.1.47 "Fiber Meet" means an Interconnection architecture method whereby the Parties physically Interconnect their networks via an optical fiber interface (as opposed to an electrical interface) at a mutually agreed upon location, at which one Party's responsibility or service begins and the other Party's responsibility ends.

1.1.48 "Foreign Exchange" (FX) means a service whereby calls either originated by or delivered to a customer who has purchased FX service from the state or interstate tariffs of either Party. FX

also includes, but is not limited to, FX-like services provided by either Party where calls are originated from and/or delivered to numbers which are assigned to a Rate Center within one local calling area but where the Party receiving the call is physically located outside of that local calling area. FX service can be either interLATA or intraLATA. InterLATA FX, where the originating and receiving parties are physically located in different LATAs, is considered equivalent to FGA and the intercarrier compensation mechanism is the same as FGA. IntraLATA FX, when provided by two or more local exchange carriers "LECs", is considered a jointly provided service and meet-point billed by those providing it utilizing a mutually agreed to meet-point billing, or meet-point billing like procedure.

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

1.1.50 "Governmental Authority" means any federal, state, local, foreign, or international court, government, department, commission, board, bureau, agency, official, or other regulatory, administrative, legislative, or judicial authority with jurisdiction over the subject matter at issue.

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

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

1.1.53 "Integrated Digital Loop Carrier" means a subscriber loop carrier system that is twenty-four (24) local Loop transmission paths combined into a 1.544 Mbps digital signal which integrates within the switch at a DS1 level.

1.1.54 "Integrated Services Digital Network" (ISDN) means a switched network service that provides end-to-end digital connectivity for the simultaneous transmission of voice and data. Basic Rate Interface-ISDN (BRI-ISDN) provides for a digital transmission of two 64 Kbps bearer channels and one 16 Kbps data channel (2B+D).

1.1.55 "Interconnection" is As Defined in the Act.

1.1.56 "Interconnection Activation Date" is the date that the construction of the joint facility Interconnection arrangement has been completed, trunk groups have been established, joint trunk testing is completed and trunks have been mutually accepted by the Parties.

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

1.1.58 "InterLATA" is As Defined in the Act.

1.1.59 "Intermediate Distribution Frame" (IDF) is a second frame that augments an existing Main Distribution Frame. Lines or outside cables do not terminate on the IDF.

1.1.60 "Internet Service Provider" (ISP) is an Enhanced Service Provider that provides Internet Services, and is defined in paragraph 341 of the FCC's First Report and Order in CC Docket No. 97-158.

1.1.61 "IntraLATA Toll Traffic" means the IntraLATA traffic between two locations within one LATA where one of the locations lies outside of the normal local calling area as defined by the applicable Commission.

1.1.62 "Jurisdictional Identification Parameter" (JIP) is an existing six (6) digit (NPA-NXX) field in the SS7 message. This field designates the first point of switching.

1.1.63 "Lawful," when used in relation to unbundling, unbundled network elements, network elements and/or UNEs or activities involving UNEs, means required by Section 251(c)(3) of the Act, as determined by lawful and effective FCC rules and associated lawful and effective FCC and judicial orders.

1.1.64 "Line Information Data Base" (LIDB) means a transaction-oriented database system that functions as a centralized repository for data storage and retrieval. LIDB is accessible through CCS networks. LIDB contains records associated with End User line numbers and special billing numbers.

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

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

1.1.67 "Local Exchange Routing Guide" (LERG) is a Telcordia Reference document used by Telecommunications Carriers to identify NPA-NXX routing and homing information as well as Network element and equipment designations.

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

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

1.1.70 "Local Loop Transmission", "Lawful Unbundled Local Loop", "Loop" means the transmission path which extends from the Network Interface Device or demarcation point at an End User's premise to the Main Distribution Frame or other designated frame or panel in the SBC-13STATE Serving Wire Center.

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

1.1.72 "Location Routing Number" (LRN) is a ten (10) digit number that is assigned to the network switching elements (Central Office – Host and Remotes as required) for the routing of calls in the network. The first six (6) digits of the LRN will be one of the assigned NPA NXX of the switching element. The purpose and functionality of the last four (4) digits of the LRN have not yet been defined but are passed across the network to the terminating switch.

1.1.73 "Local Service Provider" (LSP) is the LEC that provides retail local Exchange Service to an End User. The LSP may or may not provide any physical network components to support the provision of that End User's service.

1.1.74 "Loss" or "Losses" means any and all losses, costs (including court costs), claims, damages (including fines, penalties, and criminal or civil judgments and settlements), injuries, liabilities and expenses (including attorneys' fees).

1.1.75 "MECAB" refers to the Multiple Exchange Carrier Access Billing document prepared by the Billing Committee of the Ordering and Billing Forum "OBF", which functions under the auspices of the Carrier Liaison Committee "CLC of the Alliance for Telecommunications Industry Solutions "ATIS". The MECAB document, published by ATIS as ATIS/OBF- MECAB- Issue 6, February 1998, contains the recommended guidelines for the billing of access services provided to an IXC by two or more LECs, or by one LEC in two or more states within a single LATA.

1.1.76 "MECOD" refers to the Multiple Exchange Carriers Ordering and Design Guidelines for Access Services - Industry Support Interface, a document developed by the Ordering/Provisioning Committee of the OBF, which functions under the auspices of the CLC of ATIS. The MECOD document, published by ATIS as ATIS/OBF- MECAB- Issue 3, February 1993, establishes methods for processing orders for access service which is to be provided to an IXC by two or more telecommunications providers.

1.1.77 "Meet-Point Billing" (MPB) refers to the billing associated with interconnection of facilities between two or more LECs for the routing of traffic to and from an IXC with which one of the LECs does not have a direct connection. In a multi-bill environment, each Party bills the appropriate tariffed rate for its portion of a jointly provided Switched Exchange Access Service.

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

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

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

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

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

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

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

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

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

1.1.87 "Out of Exchange LEC" (OE-LEC) means CenturyTel Fiber Company II, LLC d/b/a LightCore, a CenturyTel Company operating within SBC-13STATE's incumbent local exchange area and provides telecommunications services utilizing NPA-NXXs identified to reside in a Third Party Incumbent LEC's local exchange area.

1.1.88 "Out of Exchange Traffic" is defined as local, transit, or intraLATA traffic to or from a non-SBC ILEC exchange area.

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

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

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

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

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

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

1.1.95 **"Port"** is the point of interface/access connection to the SBC-13STATE public switched network. This may be a switch line side interface or switch trunk side interface.

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

1.1.96.1 SBC MIDWEST REGION 5-STATE

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

1.1.96.2 SBC NEVADA

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

1.1.96.3 SBC CALIFORNIA

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

1.1.96.4 SBC CONNECTICUT

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

1.1.96.5 SBC SOUTHWEST REGION 5-STATE

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

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

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

1.1.99 **"Routing Point"** is a location which a LEC has designated on its own network as the homing or routing point for traffic inbound to Exchange Service provided by the LEC which bears a certain NPA-NXX designation. The Routing Point is employed to calculate mileage measurements for the distance-sensitive transport element charges of Switched Access services. The Routing

Point need not be the same as the Rating Point, nor must it be located within the Rate Center area, but must be in the same LATA as the NPA-NXX.

1.1.100 "SBC Communications Inc." (SBC) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.1.101 "SBC-2STATE" - As used herein, SBC-2STATE means SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in California and Nevada.

1.1.102 "SBC-4STATE" - As used herein, SBC-4STATE means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, and SBC Oklahoma, the applicable SBC-owned ILEC(s) doing business in Arkansas, Kansas, Missouri and Oklahoma.

1.1.103 "SBC-7STATE" - As used herein, SBC-7STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.1.104 "SBC-8STATE" - As used herein, SBC-8STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA, SBC NEVADA, and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.1.105 "SBC-10STATE" - As used herein, SBC-10STATE means SBC SOUTHWEST REGION 5-STATE and SBC MIDWEST REGION 5-STATE an the applicable SBC-owned ILEC(s) doing business in Arkansas, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Texas, and Wisconsin.

1.1.106 "SBC-12STATE" - As used herein, SBC-12STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE and SBC-2STATE the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.1.107 "SBC-13STATE" - As used herein, SBC-13STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE, SBC-2STATE and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

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

1.1.109 "SBC CALIFORNIA" - As used herein, SBC CALIFORNIA means Pacific Bell Telephone Company d/b/a SBC California, the applicable SBC-owned ILEC doing business in California.

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

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

1.1.112 "SBC ILLINOIS" - As used herein, SBC ILLINOIS means Illinois Bell Telephone Company d/b/a SBC Illinois, the applicable SBC-owned ILEC doing business in Illinois.

1.1.113 "SBC INDIANA" - As used herein, SBC INDIANA means Indiana Bell Telephone Company, Incorporated d/b/a SBC Indiana, the applicable SBC-owned ILEC doing business in Indiana.

1.1.114 "SBC MICHIGAN" - As used herein, SBC MICHIGAN means Michigan Bell Telephone Company d/b/a SBC Michigan, the applicable SBC-owned doing business in Michigan.

1.1.115 "SBC MIDWEST REGION 5-STATE" - As used herein, SBC MIDWEST REGION 5-STATE means Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

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

1.1.117 "SBC NEVADA" – As used herein, SBC NEVADA means Nevada Bell Telephone Company d/b/a SBC Nevada, the applicable SBC-owned ILEC doing business in Nevada.

1.1.118 "SBC OHIO" - As used herein, SBC OHIO means The Ohio Bell Telephone Company d/b/a SBC Ohio, the applicable SBC-owned ILEC doing business in Ohio.

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

1.1.120 "SBC SOUTHWEST REGION 5-STATE" - As used herein, SBC SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas the applicable above listed ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.

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

1.1.122 "SBC WISCONSIN" - As used herein, SBC WISCONSIN means Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC doing business in Wisconsin.

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

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

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

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

1.1.127 "State Abbreviation" means the following:

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

1.1.127.12 "TX" means Texas

1.1.127.13 "WI" means Wisconsin

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

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

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

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

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

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

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

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

1.1.136 **"Third Party"** means any Person other than a Party.

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

1.1.138 **"Trunk"** means a communication line between two switching systems.

1.1.139 **"Trunk-Side"** refers to a Central Office Switch connection that is capable of, and has been programmed to treat the circuit as connecting to another switching entity (for example another Central Office switch). Trunk-Side connections offer those transmission and signaling features appropriate for the connection of switching entities and cannot be used for the direct connection of ordinary telephone station sets.

1.1.140 **"Lawful Unbundled Network Element" or "Lawful UNE"** is as defined in Appendix Lawful UNEs (Lawful Provision of Access to Unbundled Network Elements.

1.1.141 **"Virtual Collocation"** is as defined in Appendix Virtual Collocation.

1.1.142 **"Wire Center"** is the location of one or more local switching systems. A point at which End User's loops within a defined geographic area converge. Such local loops may be served by one (1) or more Central Office Switches within such premises.

1.2 Definitions Applicable to SBC-12STATE Only

1.2.1 **"Main Distribution Frame"** (MDF) is termination frame for outside facility and inter-exchange office equipment at the central office for DS-0 and DSL services.

1.2.2 **"Serving Wire Center"** (SWC) means a Wire Center that serves the area in which the other Party's or a third party's Wire Center, aggregation point, point of termination, or point of presence is located.

1.2.3 **"Universal Digital Loop Carrier"** (UDLC) describes a DLC system that has a Central Office terminal channel bank that is connected to the CO switches on the analog side.

1.3 Definitions Applicable to SBC-7STATE Only

1.3.1 **"Line Side"** refers to End Office switch connections that have been programmed to treat the circuit as a local line connected to a terminating station (e.g., an ordinary subscriber's telephone station set, a PBX, answering machine, facsimile machine or computer). Line Side connections

offer only those transmission and signal features appropriate for a connection between an End Office and such terminating station.

1.4 Definitions Applicable to SBC MIDWEST REGION 5-STATE Only

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

2. INTERPRETATION, CONSTRUCTION AND SEVERABILITY

2.1 Definitions

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

2.2 Headings Not Controlling

2.2.1 The headings and numbering of Sections, Parts, Appendices Schedules and Exhibits to this Agreement are for convenience only and shall not be construed to define or limit any of the terms herein or affect the meaning or interpretation of this Agreement.

2.2.2 This Agreement incorporates a number of Appendices which, together with their associated Attachments, Exhibits, Schedules and Addenda, constitute the entire Agreement between the Parties. In order to facilitate use and comprehension of the Agreement, the Appendices have been grouped under broad headings. It is understood that these groupings are for convenience of reference only, and are not intended to limit the applicability that any particular appendix, attachment, exhibit, schedule or addenda may otherwise have.

2.3 Referenced Documents

2.3.1 Unless the context shall otherwise specifically require, and subject to Section 21, whenever any provision of this Agreement refers to a technical reference, technical publication, CLEC Practice, SBC-13STATE Practice, any publication of telecommunications industry administrative or technical standards, or any other document specifically incorporated into this Agreement (collectively, a "**Referenced Instrument**"), it will be deemed to be a reference to the then-current version or edition (including any amendments, supplements, addenda, or successors) of each Referenced Instrument that is in effect, and will include the then-current version or edition (including any amendments, supplements, addenda, or successors) of any other Referenced Instrument incorporated by reference therein.

2.4 References

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

2.5 Tariff References

2.5.1 To the extent a tariff provision or rate is incorporated or otherwise applies between the Parties due to the provisions of this Agreement, it is understood that said tariff provision or rate applies only in the jurisdiction in which such tariff provision or rate is filed, and applies to the CLEC and

only the SBC-13STATE ILEC(s) that operates within that jurisdiction. Further, it is understood that any changes to said tariff provision or rate are also automatically incorporated herein or otherwise hereunder, effective hereunder on the date any such change is effective.

2.5.2 Wherever any Commission ordered tariff provision or rate is incorporated, cited or quoted herein, it is understood that said incorporation or reference applies only to the entity within the state whose Commission ordered that tariff.

2.5.3 Wherever the term "customer" is used in connection with SBC SOUTHWEST REGION 5-STATE's retail tariffs, the term "customer" means the ultimate "consumer" or the "end user" of any tariffed service.

2.6 Conflict in Provisions

2.6.1 In the event of a conflict between the provisions of this Agreement and the Act, the provisions of the Act shall govern.

2.6.2 If any definitions, terms or conditions in any given Appendix, Attachment, Exhibit, Schedule or Addenda differ from those contained in the main body of this Agreement, those definitions, terms or conditions will supersede those contained in the main body of this Agreement, but only in regard to the services or activities listed in that particular Appendix, Attachment, Exhibit, Schedule or Addenda. In particular, if an Appendix contains a Term length that differs from the Term length in the main body of this Agreement, the Term length of that Appendix will control the length of time that services or activities are to occur under that Appendix, but will not affect the Term length of the remainder of this Agreement.

2.6.3 In SBC CONNECTICUT only, in the event of a conflict between any provision in this Agreement and any provision in the DPUC-ordered tariffs covering the services that are the subject of this Agreement with SBC CONNECTICUT, such DPUC-ordered tariffs will prevail.

2.7 Joint Work Product

2.7.1 This Agreement is the joint work product of the Parties and has been negotiated by the Parties and their respective counsel and shall be fairly interpreted in accordance with its terms and, in the event of any ambiguities, no inferences shall be drawn against either Party.

2.8 Severability

2.8.1 If any provision of this Agreement is rejected or held to be illegal, invalid or unenforceable, each Party agrees that such provision shall be enforced to the maximum extent permissible so as to effect the intent of the Parties, and the validity, legality and enforceability of the remaining provisions of this Agreement shall not in any way be affected or impaired thereby. If necessary to effect the intent of the Parties, the Parties shall negotiate in good faith to amend this Agreement to replace the unenforceable language with enforceable language that reflects such intent as closely as possible. The Parties negotiated the terms and conditions of this Agreement for Interconnection, services and Lawful Unbundled Network Elements as a total arrangement and it is intended to be nonseverable.

2.9 Incorporation by Reference

2.9.1 All of the rates, terms and conditions ("Provisions") set forth in this Agreement (including any and all attachments, appendices and/or schedules hereto) and every interconnection, service and network element provided hereunder, are subject to all other Provisions contained in this Agreement (including any and all attachments, appendices and/or schedules hereto), and all such Provisions are integrally related.

2.10 Non-Voluntary Provisions

2.10.1 This Agreement incorporates certain rates, terms and conditions that were not voluntarily negotiated by SBC-13STATE, but instead resulted from determinations made in arbitrations under Section 252 of the Act or from other requirements of regulatory agencies or state law

(individually and collectively, a "Non-Voluntary Arrangement"). SBC-13STATE has identified some, but not all, of the Non-Voluntary Arrangements contained in this Agreement, by designating such provisions with asterisks. If any Non-Voluntary Arrangement is modified as a result of any order or finding by the FCC, the appropriate Commission or a court of competent jurisdiction, any Party may, by providing written notice to the other Party, require that any affected Non-Voluntary Arrangement (and any related rates, terms and conditions) be deleted or renegotiated, as applicable, in good faith and this Agreement amended accordingly. If such modifications to this Agreement are not executed within sixty (60) calendar days after the date of such notice, a Party may pursue its rights under Section 10.

2.10.2 The Parties acknowledge that the Non-Voluntary Arrangements contained in this Agreement shall not be available in any state other than the state that originally imposed/required such Non-Voluntary Arrangement. By way of example only, the Parties acknowledge that the PUC-OH's imposition in Ohio of the Minimum Telephone Service Standards (and all terms and conditions relating thereto) shall not apply in or be "portable to" any state other than Ohio.

2.11 State-Specific Rates, Terms and Conditions

2.11.1 For ease of administration, this multistate Agreement contains certain specified rates, terms and conditions which apply only in a designated state ("state-specific terms"). To the extent that this Agreement contains specified rates, terms and conditions which apply only in a given state, such rates, terms and conditions shall not apply and shall have no effect in any other state(s) to which this Agreement is submitted for approval under Section 252(e) of the Act.

2.11.2 State-specific terms, as the phrase is described in Section 2.11.1 above, have been negotiated (or in the case of 2.10.2 above, included in the agreement per state requirement) by the Parties only as to the states where this Agreement has been executed, filed and approved. When the Parties negotiate an agreement for an additional state, neither Party shall be precluded by any language in this Agreement from negotiating state-specific terms for the state in which are to apply.

2.11.3 Successor Rates. Certain of the rates, prices and charges set forth in the applicable Appendix Pricing have been established by the appropriate Commissions in cost proceedings or dockets initiated under or pursuant to the Act. If during the Term that Commission or the FCC changes a rate, price or charge in an order or docket that applies to any of the Interconnection, Resale Services, Network Elements, functions, facilities, products and services available hereunder, the Parties agree to amend this Agreement to incorporate such new rates, prices and charges, with such rates, prices and charges to be effective as of the date specified in such order or docket (including giving effect to any retroactive application, if so ordered). If either Party refuses to execute an amendment to this Agreement within sixty (60) calendar days after the date of such order or docket, the other Party may pursue its rights under Section 10.

2.12 Scope of Obligations

2.12.1 Notwithstanding anything to the contrary contained herein except for the Out of Exchange Appendix, SBC-13STATE's obligations under this Agreement shall apply only to:

2.12.1.1 the specific operating area(s) or portion thereof in which SBC-13STATE is then deemed to be the ILEC under the Act (the "ILEC Territory"), and only to the extent that the CLEC is operating and offering service to End Users identified to be residing in such ILEC Territory; and

2.12.1.2 assets that SBC-13STATE owns or leases and which are used in connection with SBC-13STATE's provision to CLEC of any Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products or services provided or contemplated under this Agreement, the Act or any tariff or ancillary agreement referenced herein (individually and collectively, the "ILEC Assets").

2.12.1.3 The underlying Interconnection Agreement sets forth the terms and conditions pursuant to which SBC-12STATE agrees to provide CLEC with access to Lawful unbundled network elements under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act in SBC-12STATE's incumbent local exchange areas for the provision of CLEC's Telecommunications Services. The Parties acknowledge and agree that SBC-12STATE is only obligated to make available Lawful UNEs and access to Lawful UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act to CLEC in SBC-12STATE's incumbent local exchange areas. SBC-12STATE has no obligation to provide such Lawful UNEs, Collocation, Interconnection and/or Resale, to CLEC for the purposes of CLEC providing and/or extending service outside of SBC-12STATE's incumbent local exchange areas. In addition, SBC-12STATE is not obligated to provision Lawful UNEs or to provide access to Lawful UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act and is not otherwise bound by any 251(c) obligations in geographic areas other than SBC-12STATE's incumbent local exchange areas. Therefore, the Parties understand and agree that the rates, terms and conditions set forth in SBC-12STATE's current Interconnection Agreement, and any associated provisions set forth elsewhere in CLEC's current Interconnection Agreement (including but not limited to the rates set forth in this Agreement associated with Lawful UNEs under Section 251(c)(3) of the Act, Collocation under Section 251(c)(6) of the Act, Interconnection under Section 251(c)(2) of the Act and/or Resale under Section 251(c)(4) of the Act), shall only apply to the Parties and be available to CLEC for provisioning telecommunication services within an SBC-12STATE incumbent local exchange area(s) in the State in which CLEC's current Interconnection Agreement with SBC-12STATE has been approved by the relevant state Commission and is in effect.

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

2.13 Affiliates

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

2.14 This Agreement sets forth the terms and conditions pursuant to which SBC-13STATE agrees to provide CLEC with access to Lawful UNEs, Collocation and Resale in SBC-13STATE's incumbent local exchange areas for the provision of CLEC's Telecommunications Services ((Act, Section 251(c)). The Parties acknowledge and agree that SBC-13STATE is only obligated to make available Lawful UNEs, Collocation and Resale to CLEC in SBC-13STATE's incumbent local exchange areas. SBC-13STATE

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

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

3.1 Nothing in this Agreement shall limit either Party's ability to upgrade its network through the incorporation of new equipment, new software or otherwise. Each Party agrees to comply with the Network Disclosure rules adopted by the FCC in CC Docket No. 96-98, Second Report and Order, codified at 47 C.F.R. 51.325 through 51.335, as such rules may be amended from time to time (the "Network Disclosure Rules").

4. GENERAL RESPONSIBILITIES OF THE PARTIES

4.1 Upon approval by the Commission, CLEC agrees to begin providing Telephone Exchange Service within its certificated service area to business End Users within _____ calendar days and to residential End Users within _____ calendar days.

4.2 SBC-12STATE and CLEC shall each use their best efforts to meet the Interconnection Activation Dates.

4.3 Each Party is individually responsible to provide facilities within its network that are necessary for routing, transporting, measuring, and billing traffic from the other Party's network and for delivering such traffic to the other Party's network in the standard format compatible with SBC-13STATE's network as referenced in Telcordia BOC Notes on LEC Networks Practice No. SR-TSV-002275, and to terminate the traffic it receives in that standard format to the proper address on its network. The Parties are each solely responsible for participation in and compliance with national network plans, including the National Network Security Plan and the Emergency Preparedness Plan.

4.4 The Parties shall exchange technical descriptions and forecasts of their Interconnection and traffic requirements in sufficient detail necessary to establish the Interconnections required to assure traffic completion to and from all End Users in their respective designated service areas.

4.5 Each Party is solely responsible for all products and services it provides to its End Users and to other Telecommunications Carriers.

4.6 At all times during the term of this Agreement, each Party shall keep and maintain in force at its own expense the following minimum insurance coverage and limits and any additional insurance and/or bonds required by Applicable Law:

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

4.6.2 Commercial General Liability insurance with minimum limits of: $10,000,000 General Aggregate limit; $5,000,000 each occurrence sub-limit for all bodily injury or property damage incurred in any one occurrence; $1,000,000 each occurrence sub-limit for Personal Injury and Advertising; $10,000,000 Products/Completed Operations Aggregate limit, with a $5,000,000 each occurrence sub-limit for Products/Completed Operations. Fire Legal Liability sub-limits of

$2,000,000 are also required if this Agreement involves collocation. The other Party must be named as an Additional Insured on the Commercial General Liability policy.

4.6.3 If use of an automobile is required, Automobile Liability insurance with minimum limits of $1,000,000 combined single limits per occurrence for bodily injury and property damage, which coverage shall extend to all owned, hired and non-owned vehicles.

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

4.6.5 The Parties agree that companies affording the insurance coverage required under Section 4.7 shall have a rating of B+ or better and a Financial Size Category rating of VII or better, as rated in the A.M. Best Key Rating Guide for Property and Casualty Insurance Companies. Upon request from the other Party, each Party shall provide to the other Party evidence of such insurance coverage.

4.6.6 Each Party agrees to provide the other Party with at least thirty (30) calendar days advance written notice of cancellation, material reduction or non-renewal of any of the insurance policies required herein.

4.6.7 Each Party agrees to accept the other Party's program of self-insurance in lieu of insurance coverage if certain requirements are met. These requirements are as follows:

4.6.7.1 The Party desiring to satisfy its Workers' Compensation and Employers Liability obligations through self-insurance shall submit to the other Party a copy of its Certificate of Authority to Self-Insure its Workers' Compensation obligations issued by each state covered by this Agreement or the employer's state of hire; and

4.6.7.2 The Party desiring to satisfy its automobile liability obligations through self-insurance shall submit to the other Party a copy of the state-issued letter approving self-insurance for automobile liability issued by each state covered by this Agreement; and

4.6.7.3 The Party desiring to satisfy its general liability obligations through self-insurance must provide evidence acceptable to the other Party that it maintains at least an investment grade (e.g., B+ or higher) debt or credit rating as determined by a nationally recognized debt or credit rating agency such as Moody's, Standard and Poor's or Duff and Phelps.

4.6.8 This Section 4.6 is a general statement of insurance requirements and shall be in addition to any specific requirement of insurance referenced elsewhere in this Agreement or a Referenced Instrument.

4.7 Simultaneously with CLEC's execution of this Agreement, CLEC shall insert the appropriate it's state-specific authorized and nationally recognized OCN/AECNs for facilities-based (Interconnection and/or Lawful Unbundled Network Elements) and a separate and distinct OCN/AECN for Resale Services on the signature page of this Agreement and provide SBC-13STATE with a copy.

4.8 Assignment

4.8.1 Assignment of Contract

4.8.1.1 CLEC may not assign or transfer this Agreement or any rights or obligations hereunder, whether by operation of law or otherwise, to a non-affiliated third party without the prior written consent of SBC-13STATE. Any attempted assignment or transfer that is not permitted is void *ab initio*.

4.8.1.2 CLEC may assign or transfer this Agreement and all rights and obligations hereunder, whether by operation of law or otherwise, to its Affiliate by providing sixty (60) calendar days' advance written notice of such assignment or transfer to SBC-13STATE; provided that such assignment or transfer is not inconsistent with Applicable Law (including the Affiliate's obligation to obtain and maintain proper Commission certification and approvals) or the terms and conditions of this Agreement. Notwithstanding the

foregoing, CLEC may not assign or transfer this Agreement, or any rights or obligations hereunder, to its Affiliate if that Affiliate is a party to a separate agreement with SBC-13STATE under Sections 251 and 252 of the Act. Any attempted assignment or transfer that is not permitted is void *ab initio*.

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

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

4.8.3 Company Code Change

4.8.3.1 Any assignment or transfer of an Agreement associated with the transfer or acquisition of "assets" provisioned under that Agreement, where the OCN/ACNA formerly assigned to such "assets" is changing constitutes a CLEC Company Code Change. For the purposes of Section 4.8.3.1, "assets" means any Interconnection, Resale Service, Lawful Unbundled Network Element, function, facility, product or service provided under that Agreement. CLEC shall provide SBC-13STATE with ninety (90) calendar days advance written notice of any assignment associated with a CLEC Company Code Change and obtain SBC-13STATE's consent. SBC-13STATE shall not unreasonably withhold consent to a CLEC Company Code Change; provided, however, SBC-13STATE's consent to any CLEC Company Code Change is contingent upon cure of any outstanding charges owed under this Agreement and any outstanding charges associated with the "assets" subject to the CLEC Company Code Change. In addition, CLEC acknowledges that CLEC may be required to tender additional assurance of payment if requested under the terms of this Agreement.

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

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

4.8.4.1 Any assignment or transfer of any Interconnection, Resale Service, Lawful Unbundled Network Element, function, facility, product or service provisioned pursuant to this Agreement without the transfer or the assignment of this Agreement shall be deemed a CLEC to CLEC Mass Migration. The CLEC that is a Party to this Agreement shall provide SBC-13STATE with ninety (90) calendar days advance written notice of any CLEC to CLEC Mass Migration. CLEC's written notice shall include the anticipated effective date of the assignment or transfer. The acquiring CLEC must cure any

outstanding charges associated with any Interconnection, Resale Service, Lawful Unbundled Network Element, function, facility, product or service to be transferred. In addition, the acquiring CLEC may be required to tender additional assurance of payment if requested under the terms of the acquiring CLEC's agreement.

4.8.4.2 Both CLECs involved in any CLEC to CLEC Mass Migration shall comply with all Applicable Law relating thereto, including but not limited to all FCC and state Commission rules relating to notice(s) to end users. The acquiring CLEC shall be responsible for issuing all service orders required to migrate any Interconnection, Resale Service, Lawful Unbundled Network Element, function, facility, product or service provided hereunder. The appropriate service order charge or administration fee (for interconnection) will apply as specified in the Appendix Pricing, Schedule of Prices to the acquiring CLEC's agreement. The acquiring CLEC shall also submit a new OSQ to update any OS/DA Rate Reference information and Branding pursuant to the rates terms and conditions of Appendices Resale and Lawful UNE, as applicable, at the rates specified in the Appendix Pricing, Schedule of Prices to the acquiring CLEC's agreement. In addition, the acquiring CLEC shall pay any and all charges required for re-stenciling, re-engineering, changing locks and any other work necessary with respect to Collocation, as determined on an individual case basis.

4.8.5 Project Coordination

4.8.5.1 SBC-13STATE will provide project management support to effectuate changes of the types identified in Sections 4.9.2, 4.9.3, and 4.9.4.

4.8.5.2 SBC-13TATE will provide project management support to minimize any possible service outages during any CLEC to CLEC Mass Migration. Should SBC-13STATE's most current version of LSOR or ASOR guidelines not support the required order activity, SBC-13STATE will issue service orders at the manual rate, as specified in the Appendix Pricing, Schedule of Prices to this Agreement, based upon type of service provided, and on the condition that CLEC provides to SBC-13STATE any and all information SBC-13STATE reasonably requests to effectuate such changes.

4.9 When an End User changes its service provider from SBC-13STATE to CLEC or from CLEC to SBC-13STATE and does not retain its original telephone number, the Party formerly providing service to such End User shall furnish a referral announcement (**"Referral Announcement"**) on the original telephone number that specifies the End User's new telephone number.

4.9.1 The following pertains to SBC ILLINOIS, SBC WISCONSIN and SBC CALIFORNIA only:

4.9.1.1 Referral Announcements shall be provided by a Party to the other Party for the period of time and at the rates set forth in the referring Party's tariff(s); provided, however, if either Party provides Referral Announcements for a period different (either shorter or longer) than the period(s) stated in its tariff(s) when its End Users change their telephone numbers, such Party shall provide the same level of service to End Users of the other Party.

4.9.2 The following applies to SBC INDIANA only:

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

4.9.3 The following applies to SBC MICHIGAN only:

4.9.3.1 Referral Announcements shall be provided by a Party to the other Party for the period specified in Michigan Administrative Rule 484.134 and at the rates set forth in the

referring Party's tariff(s). However, if either Party provides Referral Announcements for a period longer than the above period(s) when its End Users change their telephone numbers, such Party shall provide the same level of service to End Users of the other Party.

4.9.4 The following applies to SBC OHIO only:

4.9.4.1 Referral Announcements shall be provided by a Party to the other Party for the period of time specified in Rule 4901:1-5-12, Ohio Administrative Code and at the rates set forth in the referring Party's tariff(s). However, if either Party provides Referral Announcements for a period longer than the above period(s) when its End Users change their telephone numbers, such Party shall provide the same level of service to End Users of the other Party.

4.10 Each Party shall be responsible for labor relations with its own employees. Each Party agrees to notify the other Party as soon as practicable whenever such Party has knowledge that a labor dispute concerning its employees is delaying or threatens to delay such Party's timely performance of its obligations under this Agreement and shall endeavor to minimize impairment of service to the other Party (for example, by using its management personnel to perform work or by other means) in the event of a labor dispute to the extent permitted by Applicable Law.

4.11 Each Party shall act in good faith in its performance under this Agreement and, in each case in which a Party's consent or agreement is required or requested hereunder, such Party shall not unreasonably withhold or delay such consent or agreement.

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

4.13 The Parties acknowledge and agree that they do not intend to include products and services in this Agreement that do not have corresponding rates and charges. Accordingly, if this Agreement is executed and/or approved by the Commission and the Parties later discover that a product or service is included in this Agreement without an associated rate or charge, the Parties agree that they will agree upon a rate or charge to include in this Agreement before the product or service is provided or performed. If the Parties cannot agree, either Party may pursue dispute resolution under the applicable provisions of this Agreement.

5. EFFECTIVE DATE, TERM, AND TERMINATION

5.1 In SBC-13STATE, with the exception of SBC OHIO, the Effective Date of this Agreement shall be ten (10) calendar days after the Commission approves this Agreement under Section 252(e) of the Act or, absent such Commission approval, the date this Agreement is deemed approved under Section 252(e)(4) of the Act. In SBC OHIO, based on the PUC-OH, the Agreement is Effective upon filing and is deemed approved by operation of law on the 91st day after filing.

5.2 The term of this Agreement shall commence upon the Effective Date of this Agreement and shall expire on March 2, 2006, provided; however, should CLEC implement (i.e. provided assurance of payment, ordered facilities, and submitted ASRs for trunking) this Agreement within six (6) months of the Effective Date, then this Agreement will automatically renew for one additional year and expire on March 2, 2007 (the "Term"). Absent the receipt by one Party of written notice from the other Party within 180 calendar days prior to the expiration of the Term to the effect that such Party does not intend to extend the Term, this Agreement shall remain in full force and effect on and after the expiration of the Term until terminated by either Party pursuant to Section 5.3 or 5.4.

5.3 Notwithstanding any other provision of this Agreement, either Party may terminate this Agreement and the provision of any Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products or services provided pursuant to this Agreement, at the sole discretion of the

terminating Party, in the event that the other Party fails to perform a material obligation or breaches a material term of this Agreement and the other Party fails to cure such nonperformance or breach within forty-five (45) calendar days after written notice thereof. Any termination of this Agreement pursuant to this Section 5.3 shall take effect immediately upon delivery of written notice to the other Party that it failed to cure such nonperformance or breach within forty-five (45) calendar days after written notice thereof.

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

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

5.5.1 Each Party shall continue to comply with its obligations set forth in Section 41; and

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

5.5.3 Each Party's confidentiality obligations shall survive; and

5.5.4 Each Party 's indemnification obligations shall survive.

5.6 If either Party serves notice of expiration pursuant to Section 5.2 or Section 5.4, CLEC shall have ten (10) calendar days to provide SBC-13STATE written confirmation if CLEC wishes to pursue a successor agreement with SBC-13STATE or terminate its agreement. CLEC shall identify the action to be taken on each applicable (13) state(s). If CLEC wishes to pursue a successor agreement with SBC-13STATE, CLEC shall attach to its written confirmation or notice of expiration/termination, as applicable, a written request to commence negotiations with SBC-13STATE under Sections 251/252 of the Act and identify each of the state(s) the successor agreement will cover. Upon receipt of CLEC's Section 252(a)(1) request, the Parties shall commence good faith negotiations on a successor agreement.

5.7 If written notice is not issued pursuant to Section 5.2, the rates, terms and conditions of this Agreement shall continue in full force and effect until the earlier of (i) the effective date of its successor agreement, whether such successor agreement is established via negotiation, arbitration or pursuant to Section 252(i) of the Act; or (ii) the date that is ten (10) months after the date on which SBC-13STATE received CLEC's Section 252(a)(1) request.

5.8 If at any time during the Section 252(a)(1) negotiation process (prior to or after the expiration date or termination date of this Agreement), CLEC withdraws its Section 252(a)(1) request, CLEC must include in its notice of withdrawal a request to adopt a successor agreement under Section 252(i) of the Act or affirmatively state that CLEC does not wish to pursue a successor agreement with SBC-13STATE for a given state. The rates, terms and conditions of this Agreement shall continue in full force and effect until the later of: 1) the expiration of the term of this Agreement, or 2) the expiration of ninety (90) calendar days after the date CLEC provides notice of withdrawal of its Section 252(a)(1) request. If the Term of this Agreement has expired, on the earlier of (i) the ninety-first (91st) calendar day following SBC-13STATE's receipt of CLEC's notice of withdrawal of its Section 252(a)(1) request or (ii) the effective date of the agreement following approval by the Commission of the adoption of an agreement under 252(i), the Parties shall, have no further obligations under this Agreement except those set forth in Section 5.5 of this Agreement.

5.9 If CLEC does not affirmatively state that it wishes to pursue a successor agreement with SBC-13STATE in its, as applicable, notice of expiration or termination or the written confirmation required after receipt of the SBC-owned ILEC's notice of expiration or termination, then the rates, terms and conditions of this Agreement shall continue in full force and effect until the later of 1) the expiration of the Term of this Agreement, or 2) the expiration of ninety (90) calendar days after the date CLEC

provided or received notice of expiration or termination. If the Term of this Agreement has expired, on the ninety-first (91st) day following CLEC provided or received notice of expiration or termination, the Parties shall have no further obligations under this Agreement except those set forth in Section 5.5 of this Agreement.

5.10 In the event of termination of this Agreement pursuant to Section 5.9, SBC-13STATE and CLEC shall cooperate in good faith to effect an orderly transition of service under this Agreement; provided that CLEC shall be solely responsible (from a financial, operational and administrative standpoint) to ensure that its End Users have been transitioned to a new LEC by the expiration date or termination date of this Agreement.

6. END USER FRAUD

6.1 SBC-13STATE shall not be liable to CLEC for any fraud associated with CLEC's End User's account, including 1+ IntraLATA toll, ported numbers, and Alternate Billing Traffic (ABT). ABT is a service that allows End Users to bill calls to account(s) that might not be associated with the originating line. There are three types of ABT calls: calling card, collect, and third number billed calls.

6.2 The Parties agree to cooperate with one another to investigate, minimize, and take corrective action in cases of fraud involving 1+ IntraLATA toll calls, ABT, and ported numbers. The Parties' fraud minimization procedures are to be cost-effective and implemented so as not to unduly burden or harm one Party as compared to the other.

6.3 In cases of suspected fraudulent activity by an End User, at a minimum, the cooperation referenced in Section 6.2 will include providing to the other Party, upon request, information concerning Customers who terminate services to that Party without paying all outstanding charges. The Party seeking such information is responsible for securing the End User's permission to obtain such information.

6.4 SBC-10STATE, SBC CALIFORNIA, and SBC CONNECTICUT will provide notification messages to CLEC on suspected occurrences of ABT-related fraud on CLEC accounts stored in the applicable LIDB. SBC CALIFORNIA will provide such alert messages by e-mail. SBC-10STATE and SBC CONNECTICUT will provide via fax.

6.4.1 SBC SOUTHWEST REGION 5-STATE (on behalf of itself and SBC CONNECTICUT) and SBC CALIFORNIA will use a Fraud Monitoring System to determine suspected occurrences of ABT-related fraud for CLEC using the same criteria SBC SOUTHWEST REGION 5-STATE and SBC CALIFORNIA use to monitor fraud on their respective accounts.

6.4.2 CLEC understands that Fraud Monitoring System alerts only identify potential occurrences of fraud. CLEC understands and agrees that it will need to perform its own investigations to determine whether a fraud situation actually exists. CLEC understands and agrees that it will also need to determine what, if any, action CLEC should take as a result of a Fraud Monitoring System alert.

6.4.3 The Parties will provide contact names and numbers to each other for the exchange of Fraud Monitoring System alert notification.

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

6.6 In SBC CALIFORNIA 1+ IntraLATA toll fraud alerts are offered for Resale only under the product name Traffic Alert Referral Service (TARS). For TARS, CLEC agrees to pay a recurring usage rate as outlined in Appendix Pricing. For terms and conditions for TARS, see Appendix Resale.

7. ASSURANCE OF PAYMENT

7.1 Upon request by SBC-13STATE, CLEC will provide SBC-13STATE with adequate assurance of payment of amounts due (or to become due) to SBC-13STATE.

7.2 Assurance of payment may be requested by SBC-12STATE if:

7.2.1 at the Effective Date CLEC had not already established satisfactory credit by having made at least twelve (12) consecutive months of timely payments to SBC-13STATE for charges incurred as a CLEC; or

7.2.2 in SBC-12STATE's reasonable judgment, at the Effective Date or at any time thereafter, there has been an impairment of the established credit, financial health, or credit worthiness of CLEC. Such impairment will be determined from information available from financial sources, including but not limited to Moody's, Standard and Poor's, and the Wall Street Journal. Financial information about CLEC that may be considered includes, but is not limited to, investor warning briefs, rating downgrades, and articles discussing pending credit problems; or

7.2.3 CLEC fails to timely pay a bill rendered to CLEC by SBC-12STATE (except such portion of a bill that is subject to a good faith, bona fide dispute and as to which CLEC has complied with all requirements set forth in Section 9.3); or

7.2.4 CLEC admits its inability to pay its debts as such debts become due, has commenced a voluntary case (or has had an involuntary case commenced against it) under the U.S. Bankruptcy Code or any other law relating to insolvency, reorganization, winding-up, composition or adjustment of debts or the like, has made an assignment for the benefit of creditors or is subject to a receivership or similar proceeding.

7.3 Unless otherwise agreed by the Parties, the assurance of payment will, at SBC-12STATE's option, consist of

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

7.3.2 an unconditional, irrevocable standby bank letter of credit from a financial institution acceptable to SBC-12STATE naming the SBC-owned ILEC(s) designated by SBC-12STATE as the beneficiary(ies) thereof and otherwise in form and substance satisfactory to SBC-12STATE ("Letter of Credit").

7.3.3 The Cash Deposit or Letter of Credit must be in an amount equal to three (3) months anticipated charges (including, but not limited to, recurring, non-recurring and usage sensitive charges, termination charges and advance payments), as reasonably determined by SBC-12STATE, for the Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation or any other functions, facilities, products or services to be furnished by SBC-12STATE under this Agreement.

7.3.3.1 Notwithstanding anything else set forth in this Agreement, SBC SOUTHWEST REGION 5-STATE will not request assurance of payment of charges reasonably anticipated by SBC SOUTHWEST REGION 5-STATE to be incurred in Arkansas in an amount that would exceed one (1) month's projected bill for CLEC's initial market entry; provided, however, that after three (3) months of operation, SBC SOUTHWEST REGION 5-STATE may request assurance of payment of charges reasonably anticipated by SBC SOUTHWEST REGION 5-STATE to be incurred in Arkansas in an amount not to exceed two times projected average monthly billing to CLEC.

7.3.3.2 Notwithstanding anything else set forth in this Agreement, SBC SOUTHWEST REGION 5-STATE will not request assurance of payment of charges reasonably anticipated by SBC SOUTHWEST REGION 5-STATE to be incurred in Oklahoma in an amount that would exceed two times projected average monthly billing to CLEC.

7.4 To the extent that SBC-12STATE elects to require a Cash Deposit, the Parties intend that the provision of such Cash Deposit shall constitute the grant of a security interest in the Cash Deposit pursuant to Article 9 of the Uniform Commercial Code in effect in any relevant jurisdiction.

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

7.6 SBC-12STATE may, but is not obligated to, draw on the Letter of Credit or the Cash Deposit, as applicable, upon the occurrence of any one of the following events:

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

7.6.2 CLEC admits its inability to pay its debts as such debts become due, has commenced a voluntary case (or has had an involuntary case commenced against it) under the U.S. Bankruptcy Code or any other law relating to insolvency, reorganization, winding-up, composition or adjustment of debts or the like, has made an assignment for the benefit of creditors or is subject to a receivership or similar proceeding; or

7.6.3 The expiration or termination of this Agreement.

7.7 If SBC-12STATE draws on the Letter of Credit or Cash Deposit, upon request by SBC-12STATE, CLEC will provide a replacement or supplemental letter of credit or cash deposit conforming to the requirements of Section 7.3.

7.8 Notwithstanding anything else set forth in this Agreement, if SBC-12STATE makes a request for assurance of payment in accordance with the terms of this Section, then SBC-12STATE shall have no obligation thereafter to perform under this Agreement until such time as CLEC has furnished SBC-12STATE with the assurance of payment requested; provided, however, that SBC-12STATE will permit CLEC a minimum of ten (10) Business Days to respond to a request for assurance of payment before invoking this Section.

7.8.1 If CLEC fails to furnish the requested adequate assurance of payment on or before the date set forth in the request, SBC-12STATE may also invoke the provisions set forth in Section 9.5 through Section 9.7.

7.9 The fact that a Cash Deposit or Letter of Credit is requested by SBC-12STATE shall in no way relieve CLEC from timely compliance with all payment obligations under this Agreement (including, but not limited to, recurring, non-recurring and usage sensitive charges, termination charges and advance payments), nor does it constitute a waiver or modification of the terms of this Agreement pertaining to disconnection or re-entry for non-payment of any amounts required to be paid hereunder.

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

8. BILLING AND PAYMENT OF CHARGES

8.1 Unless otherwise stated, each Party will render monthly bill(s) to the other for Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation, functions, facilities, products and services provided hereunder at the rates set forth in the applicable Appendix Pricing, as set forth in applicable tariffs or other documents specifically referenced herein and, as applicable, as agreed upon by the Parties or authorized by a Party.

8.1.1 Remittance in full of all bills rendered by SBC-10STATE and SBC CALIFORNIA is due within thirty (30) calendar days of each bill date (the **"Bill Due Date"**). Payment must be made in accordance with the terms set forth in Section 8.3 of this Agreement.

8.1.2 Remittance in full of all bills rendered by SBC NEVADA is due in accordance with the terms set forth in the Commission C2-A Tariff, with the date on which amounts are due referred to herein as the **"Bill Due Date."**

8.1.3 Remittance in full of all bills rendered by SBC CONNECTICUT is due in accordance with the terms set forth in the Connecticut Access Service Tariff approved by the DPUC, with the date on which amounts are due referred to herein as the **"Bill Due Date."**

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

8.1.5 If CLEC fails to remit payment for any charges by the Bill Due Date, or if payment for any portion of the charges is received from CLEC after the Bill Due Date, or if payment for any portion of the charges is received in funds which are not immediately available to SBC-12STATE as of the Bill Due Date (individually and collectively, "Past Due"), then a late payment charge will be assessed as provided in Sections 8.1.5.1 through 8.1.5.3, as applicable.

8.1.5.1 If any charge incurred under this Agreement that is billed out of any SBC-8STATE billing system other than the SBC SOUTHWEST REGION 5-STATE Customer Records Information System (CRIS) is Past Due, the unpaid amounts will accrue interest from the day following the Bill Due Date until paid at the lesser of (i) the rate used to compute the Late Payment Charge in the applicable SBC-8STATE intrastate access services tariff for that state and (ii) the highest rate of interest that may be charged under Applicable Law. The method and timing for application of interest to any charge incurred under this Agreement that is billed out of any SBC-8STATE billing system other than SBC SOUTHWEST REGION 5-STATE's CRIS will comply with the process set forth in the applicable SBC-8STATE intrastate access services tariff for that state.

8.1.5.2 If any charge incurred under this Agreement that is billed out of SBC SOUTHWEST REGION 5-STATE's CRIS is Past Due, the unpaid amounts will accrue interest from the day following the Bill Due Date until paid. The interest rate applied to SBC SOUTHWEST REGION 5-STATE CRIS-billed Past Due unpaid amounts will be the lesser of (i) the rate used to compute the Late Payment Charge contained in the applicable SBC SOUTHWEST REGION 5-STATE intrastate retail tariff governing Late Payment Charges to SBC SOUTHWEST REGION 5-STATE's retail End Users that are business End Users in that state and (ii) the highest rate of interest that may be charged under Applicable Law. The method and timing for application of interest to any charge incurred under this Agreement that is billed out of SBC SOUTHWEST REGION 5-STATE's CRIS will be governed by the SBC SOUTHWEST REGION 5-STATE intrastate retail tariff governing Late Payment Charges to SBC SOUTHWEST REGION 5-STATE's retail End Users that are business End Users in that state.

8.1.5.3 If any charge incurred under this Agreement that is billed out of any SBC MIDWEST REGION 5-STATE billing system is Past Due, the unpaid amounts will accrue interest from the Bill Due Date at the lesser of (i) one and one-half percent (1 ½%) per month and (ii) the highest rate of interest that may be charged under Applicable Law, compounded daily from the day following the Bill Due Date to and including the date that the payment is actually made and available.

8.2 If any charge incurred by SBC-13STATE under this Agreement is Past Due, the unpaid amounts will accrue interest from the day following the Bill Due Date until paid. The interest rate applied will be the lesser of (i) the rate used to compute the Late Payment Charge contained in the applicable SBC-13STATE intrastate access services tariff for that state and (ii) the highest rate of interest that may be charged under Applicable Law, compounded daily from the Bill Due Date to and including the date that the payment is actually made and available.

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

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

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

8.4 If any portion of an amount due to a Party (the **"Billing Party"**) under this Agreement is subject to a bona fide dispute between the Parties, the Party billed (the **"Non-Paying Party"**) must, prior to the Bill Due Date, give written notice to the Billing Party of the amounts it disputes **("Disputed Amounts")** and include in such written notice the specific details and reasons for disputing each item listed in Section 10.4.1. **The Disputing Party should utilize any existing and preferred form provided by the Billing Party to communicate disputes to the Billing Party.** On or before the Bill Due Date, the Non-Paying Party must pay (i) all undisputed amounts to the Billing Party, and (ii) all Disputed Amounts [other than disputed charges arising from Appendix Reciprocal Compensation] into an interest bearing escrow account with a Third Party escrow agent mutually agreed upon by the Parties.

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

8.6 Requirements to Establish Escrow Accounts.

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

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

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

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

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

8.6.2.1 The escrow account must be an interest bearing account;

8.6.2.2 all charges associated with opening and maintaining the escrow account will be borne by the disputing Party;

8.6.2.3 that none of the funds deposited into the escrow account or the interest earned thereon may be used to pay the financial institution's charges for serving as the Third Party escrow agent;

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

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

8.6.2.5.1 authorized in writing by both the disputing Party and the Billing Party (that is, signature(s) from representative(s) of the disputing Party only are not sufficient to properly authorize any disbursement); or

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

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

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

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

8.7 If the Non-Paying Party disputes any charges and any portion of the dispute is resolved in favor of such Non-Paying Party, the Parties will cooperate to ensure that all of the following actions are completed:

8.7.1 the Billing Party will credit the invoice of the Non-Paying Party for that portion of the Disputed Amounts resolved in favor of the Non-Paying Party, together with any Late Payment Charges assessed with respect thereto no later than the second Bill Due Date after resolution of the dispute;

8.7.1.1 within ten (10) Business Days after resolution of the dispute, the portion of the escrowed Disputed Amounts resolved in favor of the Non-Paying Party will be released to the Non-Paying Party, together with any interest accrued thereon;

8.7.1.2 within ten (10) Business Days after resolution of the dispute, the portion of the escrowed Disputed Amounts resolved in favor of the Billing Party will be released to the Billing Party, together with any interest accrued thereon; and

8.7.1.3 no later than the third Bill Due Date after the resolution of the dispute, the Non-Paying Party will pay the Billing Party the difference between the amount of accrued interest the Billing Party received from the escrow disbursement and the amount of Late Payment Charges the Billing Party is entitled to receive pursuant to Section 8.1.5.

8.8 If the Non-Paying Party disputes any charges and the entire dispute is resolved in favor of the Billing Party, the Parties will cooperate to ensure that all of the actions required by Section 8.7.1.1 and Section 8.7.1.3 are completed within the times specified therein.

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

8.9 If either Party requests one or more additional copies of a bill, the requesting Party will pay the Billing Party a reasonable fee for each additional copy, unless such copy was requested due to failure in delivery of the original bill or correction(s) to the original bill.

8.9.1 Each additional copy of any bill provided for billing from SBC SOUTHWEST REGION 5-STATE's CABS billing system will incur charges as specified in Access Service Tariff FCC No. 73 Section 13 Alternate Bill Media.

8.9.2 Bills provided to CLEC from SBC SOUTHWEST REGION 5-STATE's CRIS system through Bill Plus will incur charges as specified in Appendix Pricing.

8.10 Exchange of Billing Message Information

8.10.1 SBC-13STATE will provide CLEC a specific Daily Usage File (**"DUF" or "Usage Extract"**) for Resale Services and Lawful Unbundled Network Element usage sensitive services provided hereunder (**"Customer Usage Data"**). Such Customer Usage Data will be provided by SBC-

13STATE in accordance with Exchange Message Interface (EMI) guidelines supported by OBF. Any exceptions to the supported formats will be noted in the DUF implementation requirements documentation for each SBC-owned ILEC. The DUF will include (i) specific daily usage, including both Local Traffic (if and where applicable) and LEC-carried IntraLATA Toll Traffic, in EMI format for usage sensitive services furnished in connection with each Resale Service and Lawful Unbundled Network Element to the extent that similar usage sensitive information is provided to retail End Users of SBC-13STATE within that state, (ii) with sufficient detail to enable CLEC to bill its End Users for usage sensitive services furnished by SBC-13STATE in connection with Resale Services and Lawful Unbundled Network Elements provided by SBC-13STATE. Procedures and processes for implementing the interfaces with SBC-13STATE will be included in implementation requirements documentation.

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

8.10.3 Call detail for LEC-carried calls that are alternately billed to CLEC End Users' lines provided by SBC-13STATE through Resale or Lawful Unbundled Network Elements will be forwarded to CLEC as rated call detail on the DUF.

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

8.10.5 Interexchange call detail on Resale Services or Lawful Unbundled Network Elements (ports) that is forwarded to SBC-13STATE for billing, which would otherwise be processed by SBC-13STATE for its retail End Users, will be returned to the IXC and will not be passed through to CLEC. This call detail will be returned to the IXC with a transaction code indicating that the returned call originated from a resold account. Billing for Information Services and other ancillary services traffic on Resale Services and Lawful Unbundled Network Elements (ports) will be passed through when SBC-13STATE records the message.

8.11 When CLEC serves its end user via switch-based service, both Parties will settle tariffed ABT charges for calls accepted by each Party's end users, including ABT charges passed through by a third party. The originating Party will pay the Party that has the billable end user a Billing and Collection (B&C) fee per billed message as set forth in the pricing schedule.

8.12 When CLEC serves its end users via Lawful Unbundled Local Switching (ULS) alone or in combination with the Lawful UNE-Platform (UNE-P), each Party will pay all tariffed ABT charges for calls accepted by its end users, including ABT charges passed through by a third party. Rated ABT message detail is provided via the Daily Usage File (DUF). The originating Party will pay the Party that has the billable end user a Billing and Collection (B&C) fee for each message as set forth in the pricing schedule. Alternatively, either Party may choose to block its end users from receiving ABT by ordering Toll Billing Exception on a line by line basis or the Parties may enter into a separate agreement for the billing, collecting, and remitting of intraLATA ABT revenue.

9. NONPAYMENT AND PROCEDURES FOR DISCONNECTION

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

9.2 Failure to pay charges shall be grounds for disconnection of Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation, functions, facilities, products and services furnished under this Agreement. If a Party fails to pay any charges billed to it under this Agreement, including but not limited to any Late Payment Charges or miscellaneous charges ("Unpaid Charges"), and any portion

of such Unpaid Charges remain unpaid after the Bill Due Date, the Billing Party will notify the Non-Paying Party in writing that in order to avoid disruption or disconnection of the Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation, functions, facilities, products and services furnished under this Agreement, the Non-Paying Party must remit all Unpaid Charges to the Billing Party within ten (10) Business Days following receipt of the Billing Party's notice of Unpaid Charges.

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

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

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

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

9.3.1 notify the Billing Party in writing which portion(s) of the Unpaid Charges it disputes, including the total amount disputed (**"Disputed Amounts"**) and the specific details listed in Section 10.4.1 of this Agreement, together with the reasons for its dispute; and

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

9.3.3 pay all Disputed Amounts [other than disputed charges arising from Appendix Reciprocal Compensation] into an interest bearing escrow account that complies with the requirements set forth in Section 8.4; and

9.3.4 furnish written evidence to the Billing Party that the Non-Paying Party has established an interest bearing escrow account that complies with all of the terms set forth in Section 8.4 and deposited a sum equal to the Disputed Amounts [other than disputed charges arising from Appendix Reciprocal Compensation] into that account. Until evidence that the full amount of the Disputed Charges [other than disputed charges arising from Appendix Reciprocal Compensation] has been deposited into an escrow account that complies with Section 8.4 is furnished to the Billing Party, such Unpaid Charges will not be deemed to be "disputed" under Section 10.

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

9.5 SBC-12STATE

9.5.1 If the Non-Paying Party fails to (a) pay any undisputed Unpaid Charges in response to the Billing Party's Section 9.2 notice, (b) deposit the disputed portion of any Unpaid Charges into an interest bearing escrow account that complies with all of the terms set forth in Section 8.4 within the time specified in Section 9.3, (c) timely furnish any assurance of payment requested in accordance with Section 7 or (d) make a payment in accordance with the terms of any mutually agreed payment arrangement, the Billing Party may, in addition to exercising any other rights or remedies it may have under Applicable Law, provide written demand to the Non-Paying Party for payment of any of the obligations set forth in (a) through (d) of this Section within ten (10) Business Days. On the day that the Billing Party provides such written demand to the Non-Paying Party, the Billing Party may also exercise any or all of the following options:

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

9.5.1.2 suspend completion of any pending application, request or order from the Non-Paying Party for new or additional Interconnection, Resale Services, Lawful Unbundled Network Elements, Collocation, functions, facilities, products or services under this Agreement.

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

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

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

9.6 SBC MIDWEST REGION 5-STATE only

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

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

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

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

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

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

9.7 SBC-7STATE only

9.7.1 Any demand provided by SBC-7STATE to CLEC under Section 9.5.1 will further specify that upon disconnection of CLEC, SBC-7STATE will cause CLEC's End Users that are provisioned through Resale Services to be transferred to SBC-7STATE local service.

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

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

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

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

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

9.7.3 On the same date that Resale Services to CLEC are disconnected, SBC-7STATE will transfer CLEC's End Users provisioned through Resale Services to SBC-7STATE's local service. To the extent available at retail from SBC-7STATE, the Resale End Users transferred to SBC-

7STATE's local service will receive the same services that were provided through CLEC immediately prior to the time of transfer; provided, however, SBC-7STATE reserves the right to toll restrict (both interLATA and intraLATA) such transferred End Users.

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

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

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

9.7.3.4 The Billing Party has no liability to the Non-Paying Party or its End Users in the event of disconnection of service in compliance with Section 9.7.2. SBC-7STATE has no liability to CLEC or CLEC's End Users in the event of disconnection of service to CLEC and the transfer of any Resale End Users to SBC-7STATE local service in connection with such disconnection.

9.7.4 Within five (5) calendar days following the transfer, SBC-7STATE will notify each transferred Resale End User that because of CLEC's failure to pay SBC-7STATE, the End User's local service is now being provided by SBC-7STATE. This notice will also advise each transferred Resale End User that the End User has thirty (30) calendar days from the date of transfer to select a new Local Service Provider.

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

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

9.7.5 The transferred Resale End User shall be responsible for any and all charges incurred during the selection period other than those billed to CLEC under Section 9.7.3.3.

9.7.6 If any Resale End User transferred to SBC-7STATE's local service under Section 9.7.3 of this Agreement fails to select a new Local Service Provider within thirty (30) calendar days of the transfer, SBC-7STATE may terminate the transferred Resale End User's service.

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

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

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

9.8 SBC CONNECTICUT only

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

9.9 Limitation on Back-billing and Credit Claims:

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

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

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

10. DISPUTE RESOLUTION

10.1 Finality of Disputes

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

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

10.2 Alternative to Litigation

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

10.3 Commencing Dispute Resolution

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

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

10.3.1.2 Informal Dispute Resolution; and

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

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

10.4.1 If the written notice given pursuant to Section 10.3 discloses that a CLEC dispute relates to billing, then the procedures set forth in this Section 10.4 shall be used and the dispute shall first be referred to the appropriate service center SBC MIDWEST REGION 5-STATE Service Center; SBC-7STATE Local Service Center (LSC); SBC CONNECTICUT Local Exchange Carrier Center (LEC-C)] for resolution. In order to resolve a billing dispute, CLEC shall furnish SBC-13STATE written notice of (i) the date of the bill in question, (ii) CBA/ESBA/ASBS or BAN number of the bill in question, (iii) telephone number, circuit ID number or trunk number in question, (iv) any USOC information relating to the item questioned, (v) amount billed and (vi) amount in question and (vii) the reason that CLEC disputes the billed amount. To be deemed a "dispute" under this Section 10.4, CLEC must provide evidence that it has either paid the disputed amount or established an interest bearing escrow account that complies with the requirements set forth in Section 8.4 of this Agreement and deposited all Unpaid Charges relating to Resale Services and Lawful Unbundled Network Elements into that escrow account. Failure to provide the information and evidence required by this Section 10.4.1 not later than twenty-nine (29) calendar days following the Bill Due Date shall constitute CLEC's irrevocable and full waiver of its right to dispute the subject charges.

10.4.2 The Parties shall attempt to resolve Disputed Amounts appearing on SBC-13STATE's current billing statements thirty (30) to sixty (60) calendar days from the Bill Due Date (provided the CLEC furnishes all requisite information and evidence under Section 10.4.1 by the Bill Due Date). If not resolved within thirty (30) calendar days, upon request, SBC-13STATE will notify CLEC of the status of the dispute and the expected resolution date.

10.4.3 The Parties shall attempt to resolve Disputed Amounts appearing on statements prior to the current billing statement within thirty (30) to ninety (90) calendar days, but resolution may take longer depending on the complexity of the dispute. If not resolved within thirty (30) calendar days from the date notice of the Disputed Amounts was received (provided that CLEC furnishes all requisite information and evidence under Section 10.4.1), SBC-13STATE will notify CLEC of the status of the dispute and the expected resolution date.

10.4.4 Any notice of Disputed Amounts given by SBC-13STATE to CLEC pursuant to Section 10.3 shall furnish CLEC written notice of: (i) the date of the bill in question, (ii) the account number or other identification of the bill in question, (iii) any telephone number, circuit ID number or trunk number in question, (iv) any USOC (or other descriptive information) questioned, (v) the amount billed, (vi) the amount in question, and (vii) the reason that SBC-13STATE disputes the billed amount. The Parties shall attempt to resolve Disputed Amounts appearing on current billing statement(s) thirty (30) to sixty (60) calendar days from the Bill Due Date (provided SBC-13STATE, furnishes all requisite information by the Bill Due Date) and Disputed Amounts appearing on statements prior to the current billing statement within thirty (30) to ninety (90) calendar days, but resolution may take longer depending on the complexity of the dispute. If not resolved within thirty (30) calendar days, CLEC will notify SBC-13STATE of the status of the dispute and the expected resolution date.

10.4.5 If the Non-Paying Party is not satisfied by the resolution of the billing dispute under this Section 10.4, the Non-Paying Party may notify the Billing Party in writing that it wishes to invoke the Informal Resolution of Disputes afforded pursuant to Section 10.5 of this Agreement.

10.5 Informal Resolution of Disputes

10.5.1 Upon receipt by one Party of notice of a dispute by the other Party pursuant to Section 10.3 or Section 10.4.5, each Party will appoint a knowledgeable, responsible representative to meet and negotiate in good faith to resolve any dispute arising under this Agreement. The location, form, frequency, duration, and conclusion of these discussions will be left to the discretion of the representatives. Upon agreement, the representatives may utilize other alternative Dispute Resolution procedures such as mediation to assist in the negotiations. Discussions and the correspondence among the representatives for purposes of settlement are exempt from

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

10.6 Formal Dispute Resolution

10.6.1 If the Parties are unable to resolve the dispute through the informal procedure described in Section 10.5, then either Party may invoke the formal Dispute Resolution procedures described in this Section 10.6. Unless agreed among all Parties, formal Dispute Resolution procedures, including arbitration or other procedures as appropriate, may be invoked not earlier than sixty (60) calendar days after receipt of the letter initiating Dispute Resolution under Section 10.3.

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

10.6.2.1 Each unresolved billing dispute involving one percent (1%) or less of the amounts charged to the Disputing Party under this Agreement in the state in which the dispute arises during the twelve (12) months immediately preceding receipt of the letter initiating Dispute Resolution under Section 10.3. If the disputing Party has not been billed for a minimum of twelve (12) months immediately preceding receipt of the letter initiating Dispute Resolution under Section 10.3, the Parties will annualize the actual number of months billed.

10.6.3 Claims Subject to Elective Arbitration. Claims will be subject to elective arbitration pursuant to Section 10.7 if, and only if, the claim is not settled through informal Dispute Resolution and both Parties agree to arbitration. If both Parties do not agree to arbitration, then either Party may proceed with any remedy available to it pursuant to law, equity or agency mechanism.

10.6.4 Claims Not Subject to Arbitration. If the following claims are not resolved through informal Dispute Resolution, they will not be subject to arbitration and must be resolved through any remedy available to a Party pursuant to law, equity or agency mechanism.

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

10.6.4.2 Actions to compel compliance with the Dispute Resolution process.

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

10.7 Arbitration

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

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

11. AUDITS – Applicable in SBC-12STATE only

11.1 Subject to the restrictions set forth in Section 20 and except as may be otherwise expressly provided in this Agreement, a Party (the "Auditing Party") may audit the other Party's (the "Audited Party") books, records, data and other documents, as provided herein, once annually, with the audit period commencing not earlier than the date on which services were first supplied under this Agreement ("service start date") for the purpose of evaluating (i) the accuracy of Audited Party's billing and invoicing of the services provided hereunder and (ii) verification of compliance with any provision of this Agreement that affects the accuracy of Auditing Party's billing and invoicing of the services provided to Audited Party hereunder. Notwithstanding the foregoing, an Auditing Party may audit the Audited Party's books, records and documents more than once annually if the previous audit found (i) previously uncorrected net variances or errors in invoices in Audited Party's favor with an aggregate value of at least five percent (5%) of the amounts payable by Auditing Party for audited services provided during the period covered by the audit or (ii) non-compliance by Audited Party with any provision of this Agreement affecting Auditing Party's billing and invoicing of the services provided to Audited Party with an aggregate value of at least five percent (5%) of the amounts payable by Audited Party for audited services provided during the period covered by the audit.

11.1.1 The scope of the audit shall be limited to the period which is the shorter of (i) the period subsequent to the last day of the period covered by the audit which was last performed (or if no audit has been performed, the service start date and (ii) the twelve (12) month period immediately preceding the date the Audited Party received notice of such requested audit, but in any event not prior to the service start date. Such audit shall begin no fewer than thirty (30) calendar days after Audited Party receives a written notice requesting an audit and shall be completed no later than thirty (30) calendar days after the start of such audit.

11.1.2 Such audit shall be conducted either by the Auditing Party's employee(s) or an independent auditor acceptable to both Parties; provided, however, if the Audited Party requests that an independent auditor be engaged and the Auditing Party agrees, the Audited Party shall pay one-quarter (1/4) of the independent auditor's fees and expenses. If an independent auditor is to be engaged, the Parties shall select an auditor by the thirtieth day following Audited Party's receipt of a written audit notice. Auditing Party shall cause the independent auditor to execute a nondisclosure agreement in a form agreed upon by the Parties.

11.1.3 Each audit shall be conducted on the premises of the Audited Party during normal business hours. Audited Party shall cooperate fully in any such audit and shall provide the auditor reasonable access to any and all appropriate Audited Party employees and any books, records and other documents reasonably necessary to assess (i) the accuracy of Audited Party's bills and (ii) Audited Party's compliance with the provisions of this Agreement that affect the accuracy of Auditing Party's billing and invoicing of the services provided to Audited Party hereunder. Audited Party may redact from the books, records and other documents provided to the auditor any Audited Party information that reveals the identity of End Users of Audited Party.

11.1.4 Each Party shall maintain reports, records and data relevant to the billing of any services that are the subject matter of this Agreement for a period of not less than twenty-four (24) months after creation thereof, unless a longer period is required by Applicable Law.

11.1.5 If any audit confirms any undercharge or overcharge, then Audited Party shall (i) promptly correct any billing error, including making refund of any overpayment by Auditing Party in the

form of a credit on the invoice for the first full billing cycle after the Parties have agreed upon the accuracy of the audit results and (ii) for any undercharge caused by the actions of the Audited Party, immediately compensate Auditing Party for such undercharge, and (iii) in each case, calculate and pay interest as provided in Section 8.1 (depending on the SBC-owned ILEC(s) involved), for the number of calendar days from the date on which such undercharge or overcharge originated until the date on which such credit is issued or payment is made and available.

11.1.6 Except as may be otherwise provided in this Agreement, audits shall be performed at Auditing Party's expense, subject to reimbursement by Audited Party of one-quarter (1/4) of any independent auditor's fees and expenses in the event that an audit finds, and the Parties subsequently verify, a net adjustment in the charges paid or payable by Auditing Party hereunder by an amount that is, on an annualized basis, greater than five percent (5%) of the aggregate charges for the audited services during the period covered by the audit.

11.1.7 Any disputes concerning audit results shall be referred to the Parties' respective personnel responsible for informal resolution. If these individuals cannot resolve the dispute within thirty (30) calendar days of the referral, either Party may request in writing that an additional audit shall be conducted by an independent auditor acceptable to both Parties, subject to the requirements set out in Section 11.1. Any additional audit shall be at the requesting Party's expense.

11.2 Audits - SBC CONNECTICUT only

11.2.1 Except as provided in Appendix Compensation, SBC CONNECTICUT shall arrange for one (1) annual independent audit to be conducted by a "Big Six" independent public accounting firm or an accounting firm mutually agreed to by SBC CONNECTICUT, CLEC and all other CLECs doing business with SBC CONNECTICUT under the terms of an agreement adopted pursuant to Sections 251 and 252 of the Act for the purpose of evaluating the accuracy of SBC CONNECTICUT's billing and invoicing.

11.2.2 SBC CONNECTICUT will cooperate fully with the independent auditor in such audit and provide reasonable access to any and all appropriate SBC CONNECTICUT employees, books, records and other documents reasonably necessary to perform the audit.

11.2.3 SBC CONNECTICUT shall promptly correct any billing error that is revealed in the audit, including making refund of any overpayment to CLEC in the form of a credit on the invoice for the first full billing cycle after the audit report is issued; such refund shall include interest on the overpayment at the rate of eight percent (8%) per year. In the event that the audit reveals any underbilling and resulting underpayment to SBC CONNECTICUT by CLEC, the underpayment shall be reflected in CLEC's invoice for the first full billing cycle after the audit report is issued. SBC CONNECTICUT will not be entitled to recover interest on any underbilling to CLEC revealed by the audit for the time preceding the amount appearing on CLEC's bill from SBC CONNECTICUT, however, SBC CONNECTICUT shall be entitled to recover interest at the interest rate referenced in Section 8.1.5.1 on such underbilling and CLEC shall pay interest for the number of calendar days from the Bill Due Date of the bill on which such underbilling was rectified until the date on which payment is made and available to SBC CONNECTICUT.

12. DISCLAIMER OF REPRESENTATIONS AND WARRANTIES

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

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

13. LIMITATION OF LIABILITY

13.1 Except for indemnity obligations expressly set forth herein or as otherwise expressly provided in specific appendices, each Party's liability to the other Party for any Loss relating to or arising out of such Party's performance under this Agreement, including any negligent act or omission (whether willful or inadvertent), whether in contract, tort or otherwise, including alleged breaches of this Agreement and causes of action alleged to arise from allegations that breach of this Agreement also constitute a violation of a statute, including the Act, shall not exceed in total the amount SBC-13STATE or CLEC has charged or would have charged to the other Party for the affected Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and service(s) that were not performed or were improperly performed.

13.2 Except as otherwise expressly provided in specific appendices, in the case of any Loss alleged or claimed by a Third Party to have arisen out of the negligence or willful misconduct of any Party, each Party shall bear, and its obligation shall be limited to, that portion (as mutually agreed to by the Parties or as otherwise established) of the resulting expense caused by its own negligence or willful misconduct or that of its agents, servants, contractors, or others acting in aid or concert with it.

13.3 A Party may, in its sole discretion, provide in its tariffs and contracts with its End Users or Third Parties that relate to any Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services provided or contemplated under this Agreement that, to the maximum extent permitted by Applicable Law, such Party shall not be liable to such End User or Third Party for (i) any Loss relating to or arising out of this Agreement, whether in contract, tort or otherwise, that exceeds the amount such Party would have charged the End User or Third Party for the Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services that gave rise to such Loss and (ii) any Consequential Damages. If a Party elects not to place in its tariffs or contracts such limitation(s) of liability, and the other Party incurs a Loss as a result thereof, the first Party shall indemnify and reimburse the other Party for that portion of the Loss that would have been limited had the first Party included in its tariffs and contracts the limitation(s) of liability described in this Section 13.3.

13.4 Neither CLEC nor SBC-13STATE shall be liable to the other Party for any Consequential Damages suffered by the other Party, regardless of the form of action, whether in contract, warranty, strict liability, tort or otherwise, including negligence of any kind, whether active or passive (and including alleged breaches of this Agreement and causes of action alleged to arise from allegations that breach of this Agreement constitutes a violation of the Act or other statute), and regardless of whether the Parties knew or had been advised of the possibility that such damages could result in connection with or arising from anything said, omitted, or done hereunder or related hereto, including willful acts or omissions; provided that the foregoing shall not limit a Party's obligation under Section 14 to indemnify, defend, and hold the other Party harmless against any amounts payable to a Third Party, including any Losses, and Consequential Damages of such Third Party; provided, however, that nothing in this Section 13.4 shall impose indemnity obligations on a Party for any Loss or Consequential Damages suffered by that Party's End User in connection with any affected Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services. Except as provided in the prior sentence, each Party ("Indemnifying Party") hereby releases and holds harmless the other Party ("Indemnitee") (and Indemnitee's Affiliates, and its respective officers, directors, employees and agents) against any Loss or Claim made by the Indemnifying Party's End User.

13.5 SBC-13STATE shall not be liable for damages to an End User's premises resulting from the furnishing of any Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products or services, including, if applicable, the installation and removal of equipment and associated wiring, unless the damage is caused by SBC-13STATE's gross negligence or willful misconduct. SBC-13STATE does not guarantee or make any warranty with respect to Interconnection, Resale Services,

Lawful Unbundled Network Elements, functions, facilities, products or services when used in an explosive atmosphere.

13.6 CLEC hereby releases SBC-13STATE from any and all liability for damages due to errors or omissions in CLEC's End User listing information as provided by CLEC to SBC-13STATE under this Agreement, including any errors or omissions occurring in CLEC's End User listing information as it appears in the White Pages directory, including, but not limited to, special, indirect, Consequential, punitive or incidental damages.

13.7 SBC-13STATE shall not be liable to CLEC, its End User or any other Person for any Loss alleged to arise out of the provision of access to 911 service or any errors, interruptions, defects, failures or malfunctions of 911 service.

13.8 This Section 13 is not intended to exempt any Party from all liability under this Agreement, but only to set forth the scope of liability agreed to and the type of damages that are recoverable. Both Parties acknowledge that they negotiated regarding alternate limitation of liability provisions but that such provisions would have altered the cost, and thus the price, of providing the Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services available hereunder, and no different pricing reflecting different costs and different limits of liability was agreed to.

14. INDEMNITY

14.1 Except as otherwise expressly provided herein or in specific appendices, each Party shall be responsible only for the Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services which are provided by that Party, its authorized agents, subcontractors, or others retained by such Parties, and neither Party shall bear any responsibility for the Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services provided by the other Party, its agents, subcontractors, or others retained by such Parties.

14.2 Except as otherwise expressly provided herein or in specific appendices, and to the extent not prohibited by Applicable Law and not otherwise controlled by tariff, each Party (the "Indemnifying Party") shall release, defend and indemnify the other Party (the "Indemnified Party") and hold such Indemnified Party harmless against any Loss to a Third Party arising out of the negligence or willful misconduct ("Fault") of such Indemnifying Party, its agents, its End Users, contractors, or others retained by such Parties, in connection with the Indemnifying Party's provision of Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services under this Agreement; provided, however, that (i) with respect to employees or agents of the Indemnifying Party, such Fault occurs while performing within the scope of their employment, (ii) with respect to subcontractors of the Indemnifying Party, such Fault occurs in the course of performing duties of the subcontractor under its subcontract with the Indemnifying Party, and (iii) with respect to the Fault of employees or agents of such subcontractor, such Fault occurs while performing within the scope of their employment by the subcontractor with respect to such duties of the subcontractor under the subcontract.

14.3 In the case of any Loss alleged or claimed by a End User of either Party, the Party whose End User alleged or claimed such Loss (the "Indemnifying Party") shall defend and indemnify the other Party (the "Indemnified Party") against any and all such Claims or Losses by its End User regardless of whether the underlying Interconnection, Resale Service, Lawful Unbundled Network Element, function, facility, product or service giving rise to such Claim or Loss was provided or provisioned by the Indemnified Party, unless the Claim or Loss was caused by the gross negligence or willful misconduct of the Indemnified Party.

14.4 A Party (the "Indemnifying Party") shall defend, indemnify and hold harmless the other Party ("Indemnified Party") against any Claim or Loss arising from the Indemnifying Party's use of Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services provided under this Agreement involving:

14.4.1 Any Claim or Loss arising from such Indemnifying Party's use of Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services offered under this Agreement, involving any Claim for libel, slander, invasion of privacy, or infringement of Intellectual Property rights arising from the Indemnifying Party's or its End User's use.

14.4.1.1 The foregoing includes any Claims or Losses arising from disclosure of any End User-specific information associated with either the originating or terminating numbers used to provision Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products or services provided hereunder and all other Claims arising out of any act or omission of the End User in the course of using any Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products or services provided pursuant to this Agreement.

14.4.1.2 The foregoing includes any Losses arising from Claims for actual or alleged infringement of any Intellectual Property right of a Third Party to the extent that such Loss arises from an Indemnifying Party's or an Indemnifying Party's End User's use of Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products or services provided under this Agreement; provided, however, that an Indemnifying Party's obligation to defend and indemnify the Indemnified Party shall not apply:

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

14.4.1.2.2 no infringement would have occurred without such modification.

14.4.2 Any and all penalties imposed on either Party because of the Indemnifying Party's failure to comply with the Communications Assistance to Law Enforcement Act of 1994 (CALEA); provided that the Indemnifying Party shall also, at its sole cost and expense, pay any amounts necessary to modify or replace any equipment, facilities or services provided to the Indemnified Party under this Agreement to ensure that such equipment, facilities and services fully comply with CALEA.

14.5 CLEC acknowledges that its right under this Agreement to Interconnect with SBC-13STATE's network and to unbundle and/or combine SBC-13STATE's Lawful Unbundled Network Elements (including combining with CLEC's Network Elements) may be subject to or limited by Intellectual Property rights (including without limitation, patent, copyright, trade secret, trade mark, service mark, trade name and trade dress rights) and contract rights of Third Parties.

14.5.1 The Parties acknowledge that on April 27, 2000, the FCC released its Memorandum Opinion and Order in CC Docket No. 96-98 (File No. CCBPol. 97-4), In the Matter of Petition of MCI *for* Declaratory *Ruling.* The Parties further acknowledge and agree that by executing this Agreement, neither Party waives any of its rights, remedies, or arguments with respect to such decision and any remand thereof, including its right to seek legal review or a stay pending appeal of such decision.

14.5.1.1 SBC-13STATE agrees to use its best efforts to obtain for CLEC, under commercially reasonable terms, Intellectual Property rights to each Lawful UNE necessary for CLEC to use such Lawful UNE in the same manner as SBC-13STATE.

14.5.1.2 SBC-13STATE shall have no obligation to attempt to obtain for CLEC any Intellectual Property right(s) that would permit CLEC to use any Lawful UNE in a different manner than used by SBC-13STATE.

14.5.1.3 To the extent not prohibited by a contract with the vendor of the network element sought by CLEC that contains Intellectual Property licenses, SBC-13STATE shall

reveal to CLEC the name of the vendor, the Intellectual Property rights licensed to SBC-13STATE under the vendor contract and the terms of the contract (excluding cost terms). SBC-13STATE shall, at CLEC's request, contact the vendor to attempt to obtain permission to reveal additional contract details to CLEC.

14.5.1.4 All costs associated with the extension of Intellectual Property rights to CLEC pursuant to Section 14.5.1.1, including the cost of the license extension itself and the costs associated with the effort to obtain the license, shall be a part of the cost of providing the Lawful UNE to which the Intellectual Property rights relate and apportioned to all requesting carriers using that Lawful UNE including SBC-13STATE.

14.5.2 SBC-13STATE hereby conveys no licenses to use such Intellectual Property rights and makes no warranties, express or implied, concerning CLEC's (or any Third Parties') rights with respect to such Intellectual Property rights and contract rights, including whether such rights will be violated by such Interconnection or unbundling and/or combining of Lawful Unbundled Network Elements (including combining with CLEC's Network Elements) in SBC-13STATE's network or CLEC's use of other functions, facilities, products or services furnished under this Agreement. Any licenses or warranties for Intellectual Property rights associated with Lawful UNEs are vendor licenses and warranties and are a part of the Intellectual Property rights SBC-13STATE agrees in Section 14.5.1.1 to use its best efforts to obtain.

14.5.3 SBC-13STATE does not and shall not indemnify, defend or hold CLEC harmless, nor be responsible for indemnifying or defending, or holding CLEC harmless, for any Claims or Losses for actual or alleged infringement of any Intellectual Property right or interference with or violation of any contract right that arises out of, is caused by, or relates to CLEC's Interconnection with SBC-13STATE's network and unbundling and/or combining SBC-13STATE's Lawful Unbundled Network Elements (including combining with CLEC's Network Elements) or CLEC's use of other functions, facilities, products or services furnished under this Agreement. Any indemnities for Intellectual Property rights associated with Lawful UNEs shall be vendor's indemnities and are a part of the Intellectual Property rights SBC-13STATE agrees in Section 14.5.1.1 to use its best efforts to obtain.

14.6 CLEC shall reimburse SBC-13STATE for damages to SBC-13STATE's facilities utilized to provide Interconnection or Lawful UNEs hereunder caused by the negligence or willful act of CLEC, its agents or subcontractors or CLEC's End User or resulting from CLEC's improper use of SBC-13STATE's facilities, or due to malfunction of any facilities, functions, products, services or equipment provided by any person or entity other than SBC-13STATE. Upon reimbursement for damages, SBC-13STATE will cooperate with CLEC in prosecuting a claim against the person causing such damage. CLEC shall be subrogated to the right of recovery by SBC-13STATE for the damages to the extent of such payment.

14.7 Notwithstanding any other provision in this Agreement, each Party agrees that should it cause any non-standard digital subscriber line ("xDSL") technologies (as that term is defined in the applicable Appendix DSL and/or the applicable commission-ordered tariff, as appropriate) to be deployed or used in connection with or on SBC-13STATE facilities, that Party ("Indemnifying Party") will pay all costs associated with any damage, service interruption or other Telecommunications Service degradation, or damage to the other Party's ("Indemnitee's") facilities.

14.8 Indemnification Procedures

14.8.1 Whenever a claim shall arise for indemnification under this Section 14, the relevant Indemnified Party, as appropriate, shall promptly notify the Indemnifying Party and request in writing the Indemnifying Party to defend the same. Failure to so notify the Indemnifying Party shall not relieve the Indemnifying Party of any liability that the Indemnifying Party might have, except to the extent that such failure prejudices the Indemnifying Party's ability to defend such claim.

14.8.2 The Indemnifying Party shall have the right to defend against such liability or assertion, in which event the Indemnifying Party shall give written notice to the Indemnified Party of acceptance of the defense of such claim and the identity of counsel selected by the Indemnifying Party.

14.8.3 Until such time as Indemnifying Party provides written notice of acceptance of the defense of such claim, the Indemnified Party shall defend such claim, at the expense of the Indemnifying Party, subject to any right of the Indemnifying Party to seek reimbursement for the costs of such defense in the event that it is determined that Indemnifying Party had no obligation to indemnify the Indemnified Party for such claim.

14.8.4 Upon accepting the defense, the Indemnifying Party shall have exclusive right to control and conduct the defense and settlement of any such claims, subject to consultation with the Indemnified Party. So long as the Indemnifying Party is controlling and conducting the defense, the Indemnifying Party shall not be liable for any settlement by the Indemnified Party unless such Indemnifying Party has approved such settlement in advance and agrees to be bound by the agreement incorporating such settlement.

14.8.5 At any time, an Indemnified Party shall have the right to refuse a compromise or settlement, and, at such refusing Party's cost, to take over such defense; provided that, in such event the Indemnifying Party shall not be responsible for, nor shall it be obligated to indemnify the refusing Party against, any cost or liability in excess of such refused compromise or settlement.

14.8.6 With respect to any defense accepted by the Indemnifying Party, the Indemnified Party will be entitled to participate with the Indemnifying Party in such defense if the claim requests equitable relief or other relief that could affect the rights of the Indemnified Party, and shall also be entitled to employ separate counsel for such defense at such Indemnified Party's expense.

14.8.7 If the Indemnifying Party does not accept the defense of any indemnified claim as provided above, the Indemnified Party shall have the right to employ counsel for such defense at the expense of the Indemnifying Party.

14.8.8 In the event of a failure to assume the defense, the Indemnified Party may negotiate a settlement, which shall be presented to the Indemnifying Party. If the Indemnifying Party refuses to agree to the presented settlement, the Indemnifying Party may take over the defense. If the Indemnifying Party refuses to agree to the presented settlement and refuses to take over the defense, the Indemnifying Party shall be liable for any reasonable cash settlement not involving any admission of liability by the Indemnifying Party, though such settlement may have been made by the Indemnified Party without approval of the Indemnifying Party, it being the Parties' intent that no settlement involving a non-monetary concession by the Indemnifying Party, including an admission of liability by such Party, shall take effect without the written approval of the Indemnifying Party.

14.8.9 Each Party agrees to cooperate and to cause its employees and agents to cooperate with the other Party in the defense of any such claim and the relevant records of each Party shall be available to the other Party with respect to any such defense, subject to the restrictions and limitations set forth in Section 20.

15. PERFORMANCE MEASURES

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

16. INTELLECTUAL PROPERTY

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

17. NOTICES

17.1 Subject to Section 17.2, notices given by one Party to the other Party under this Agreement shall be in writing (unless specifically provided otherwise herein), and unless otherwise expressly required by this Agreement to be delivered to another representative or point of contact, shall be

17.1.1 delivered personally;

17.1.2 delivered by express overnight delivery service;

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

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

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

17.1.5.1 the date of actual receipt,

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

17.1.5.3 five (5) calendar days after mailing in the case of first class or certified U.S. Postal Service, or

17.1.5.4 on the date set forth on the confirmation produced by the sending facsimile machine when delivered by facsimile prior to 5:00 p.m. in the recipient's time zone, but the next Business Day when delivered by facsimile at 5:00 p.m. or later in the recipient's time zone.

17.1.6 Notices will be addressed to the Parties as follows:

NOTICE CONTACT	CLEC CONTACT	SBC-13STATE CONTACT
NAME/TITLE	Daniel A. Davis, Sr., Vice President & General Counsel	Contract Management ATTN: Notices Manager
STREET ADDRESS	14567 N. Outer Forty Road Suite 500	311 S. Akard, 9th Floor Four SBC Plaza
CITY, STATE, ZIP CODE	St. Louis, MO 63107	Dallas, TX 75202-5398
FACSIMILE NUMBER	314-880-1554	214-464-2006

17.1.7 Either Party may unilaterally change its designated contact, address, telephone number and/or facsimile number for the receipt of notices by giving written notice to the other Party in compliance with this Section. Any notice to change the designated contact, address, telephone and/or facsimile number for the receipt of notices shall be deemed effective ten (10) calendar days following receipt by the other Party.

17.2 SBC-13STATE communicates official information to CLECs via its Accessible Letter notification process. This process covers a variety of subjects, including updates on products/services promotions; deployment of new products/services; modifications and price changes to existing products/services; cancellation or retirement of existing products/services; and operational issues. Changes to this process will be developed through the CLEC User Forum process and will be implemented only with the concurrence of the CLEC User Forum Global Issues group.

17.3 In the SBC-13STATE's Accessible Letter notification will be via electronic mail ("e-mail") distribution. Accessible Letter notification via e-mail will be deemed given as of the date set forth on the e-mail message.

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

17.5 SBC SOUTHWEST REGION 5-STATE only:

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

18. PUBLICITY AND USE OF TRADEMARKS OR SERVICE MARKS

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

18.2 Nothing in this Agreement shall grant, suggest, or imply any authority for one Party to use the name, trademarks, service marks, logos, proprietary trade dress or trade names of the other Party in any advertising, press releases, publicity matters, marketing and/or promotional materials or for any other commercial purpose without prior written approval from such other Party.

19. NO LICENSE

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

20. CONFIDENTIALITY

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

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

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

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

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

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

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

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

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

21. INTERVENING LAW

21.1 This Agreement is the result of negotiations between the Parties and may incorporate certain provisions that resulted from arbitration by the appropriate state Commission(s). In entering into this Agreement and any Amendments to such Agreement and carrying out the provisions herein, neither Party waives, but instead expressly reserves, all of its rights, remedies and arguments with respect to any orders, decisions, legislation or proceedings and any remands thereof and any other federal or state regulatory, legislative or judicial action(s), including, without limitation, its intervening law rights 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 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 any amendments to this Agreement), SBC-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. Except to the extent that SBC-13STATE has adopted the FCC ISP terminating compensation plan ("FCC Plan") in an SBC-13STATE state in which this Agreement is effective, and the Parties have incorporated rates, terms and conditions associated with the FCC Plan into this Agreement, these rights also include but are not limited to SBC-13STATE's right to exercise its option at any time to adopt on a date specified by SBC-13STATE the FCC Plan, after which date ISP-bound traffic will be subject to the FCC Plan's prescribed terminating compensation rates, and other terms and conditions, and seek conforming modifications to this Agreement. If any action by any state or federal regulatory or legislative body or court of competent jurisdiction invalidates, modifies, or stays the enforcement of laws or regulations that were the basis or rationale for any rate(s), term(s) and/or condition(s) ("Provisions") of the Agreement and/or otherwise affects the rights or obligations of either Party that are addressed by this Agreement, specifically including but not limited to those arising with respect to the Government Actions, the affected Provision(s) shall be immediately invalidated, modified or stayed consistent with the action of the regulatory or legislative body or court of competent jurisdiction upon the written request of either Party ("Written Notice"). With respect to any Written Notices hereunder, the Parties shall have sixty (60) days from the Written Notice to attempt to negotiate and arrive at an agreement on the appropriate conforming modifications to the Agreement. If the Parties are unable to agree upon the conforming modifications required within sixty (60) days from the Written Notice, any disputes between the Parties concerning the interpretation of the actions required or the provisions affected by such order shall be resolved pursuant to the dispute resolution process provided for in this Agreement.

22. GOVERNING LAW

22.1 Unless otherwise provided by Applicable Law, this Agreement shall be governed by and construed in accordance with the Act, the FCC Rules and Regulations interpreting the Act and other applicable federal law. To the extent that federal law would apply state law in interpreting this Agreement, the domestic laws of the state in which the Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services at issue are furnished or sought shall apply,

without regard to that state's conflict of laws principles. The Parties submit to personal jurisdiction in Little Rock, Arkansas; San Francisco, California; New Haven, Connecticut; Chicago, Illinois; Indianapolis, Indiana; Topeka, Kansas; Detroit, Michigan; St. Louis, Missouri; Reno, Nevada; Columbus, Ohio; Oklahoma City, Oklahoma, Dallas, Texas and Milwaukee, Wisconsin, and waive any and all objection to any such venue.

23. REGULATORY APPROVAL

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

24. CHANGES IN END USER LOCAL EXCHANGE SERVICE PROVIDER SELECTION

24.1 Applies to SBC-12STATE only

24.1.1 Each Party will abide by applicable federal and state laws and regulations in obtaining End User authorization prior to changing an End User's Local Exchange Carrier to itself and in assuming responsibility for any applicable charges as specified in the FCC's rules regarding Subscriber Carrier Selection Changes (47 CFR 64.1100 through 64.1170) and any applicable state regulation. Each Party shall deliver to the other Party a representation of authorization that applies to all orders submitted by a Party under this Agreement requiring a LEC change. A Party's representation of authorization shall be delivered to the other Party prior to the first order submitted to the other Party. Each Party shall retain on file all applicable letters and other documentation of authorization relating to its End User's selection of such Party as its LEC, which documentation shall be available for inspection by the other Party at its request during normal business hours and at no charge.

24.1.2 Only an End User can initiate a challenge to a change in its LEC. If an End User notifies one Party that the End User requests local exchange service, and the other Party is such End User's LEC, then the Party receiving such request shall be free to immediately access such End User's CPNI subject to the requirements of the applicable Appendix OSS restricting access to CPNI in order to immediately provide service to such End User.

24.1.3 When an End User changes or withdraws authorization from its LEC, each Party shall release End User-specific facilities belonging to the ILEC in accordance with the End User's direction or that of the End User's authorized agent. Further, when an End User abandons its premise (that is, its place of business or domicile), SBC-12STATE is free to reclaim the Lawful UNE facilities for use by another End User and is free to issue service orders required to reclaim such facilities.

24.1.4 Neither Party shall be obligated by this Agreement to investigate any allegations of unauthorized changes in local exchange service (slamming) at the request of the other Party; provided, however, that each Party shall cooperate with any investigation of a complaint alleging an unauthorized change in local exchange service at the request of the FCC or the applicable state Commission.

24.2 Applies to SBC CONNECTICUT only

24.2.1 The Parties agree that CLEC will not submit a Local Exchange Carrier order for an End User to the Local Service Provider currently serving that End User without proper authorization from that End User, as required by the FCC in Subpart K, Part 64 rules and regulations and by the DPUC in its applicable rules and regulations. SBC CONNECTICUT's wholesale tariff, Section 18, further documents requirements for Local Exchange Carrier changes and required End User authorizations.

24.2.2 The Parties agree to the re-use of existing network facilities when an End User changes its provider of local exchange service and the network facilities are provided by the same network provider.

25. COMPLIANCE AND CERTIFICATION

25.1 Each Party shall comply at its own expense with all Applicable Laws that relate to that Party's obligations to the other Party under this Agreement. Nothing in this Agreement shall be construed as requiring or permitting either Party to contravene any mandatory requirement of Applicable Law.

25.2 Each Party warrants that it has obtained all necessary state certification required in each state covered by this Agreement prior to ordering any Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services from the other Party pursuant to this Agreement. Upon request, each Party shall provide proof of certification.

25.3 Each Party shall be responsible for obtaining and keeping in effect all approvals from, and rights granted by, Governmental Authorities, building and property owners, other carriers, and any other Third Parties that may be required in connection with the performance of its obligations under this Agreement.

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

26. LAW ENFORCEMENT

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

26.1.1 Intercept Devices:

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

26.1.2 Subpoenas:

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

26.1.3 Emergencies:

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

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

26.2.1 Each of the Parties agree to comply with the applicable state and federal law enforcement authorities, laws, and requirements, including but not limited to, the Communications Assistance

for Law Enforcement Act (CALEA) and to report to applicable State and Federal law enforcement authorities as required by law, the Telecommunications Services and related information provided by each of the Parties in Connecticut.

27. RELATIONSHIP OF THE PARTIES/INDEPENDENT CONTRACTOR

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

27.2 Nothing contained herein shall constitute the Parties as joint venturers, partners, employees or agents of one another, and neither Party shall have the right or power to bind or obligate the other. Nothing herein will be construed as making either Party responsible or liable for the obligations and undertakings of the other Party. Except for provisions herein expressly authorizing a Party to act for another, nothing in this Agreement shall constitute a Party as a legal representative or agent of the other Party, nor shall a Party have the right or authority to assume, create or incur any liability or any obligation of any kind, express or implied, against or in the name or on behalf of the other Party unless otherwise expressly permitted by such other Party. Except as otherwise expressly provided in this Agreement, no Party undertakes to perform any obligation of the other Party, whether regulatory or contractual, or to assume any responsibility for the management of the other Party's business.

28. NO THIRD PARTY BENEFICIARIES; DISCLAIMER OF AGENCY

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

29. INTENTIONALLY LEFT BLANK

30. SUBCONTRACTING

30.1 If either Party retains or engages any subcontractor to perform any of that Party's obligations under this Agreement, each Party will remain fully responsible for the performance of this Agreement in accordance with its terms, including any obligations either Party performs through subcontractors.

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

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

30.4 No contract, subcontract or other agreement entered into by either Party with any Third Party in connection with the provision of Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services hereunder will provide for any indemnity, guarantee or assumption of liability by the other Party to this Agreement with respect to such arrangement, except as consented to in writing by the other Party.

30.5 Any subcontractor that gains access to Customer Proprietary Network Information ("CPNI") or Proprietary Information covered by this Agreement shall be required by the subcontracting Party to protect such CPNI or Proprietary Information to the same extent the subcontracting Party is required to protect such CPNI or Proprietary Information under the terms of this Agreement.

31. RESPONSIBILITY FOR ENVIRONMENTAL CONTAMINATION

31.1 Each Party shall be solely responsible at its own expense for the proper handling, use, removal, excavation, storage, treatment, transport, disposal, or any other management by such Party or any person acting on its behalf of all Hazardous Substances and Environmental Hazards introduced to the affected work location and will perform such activities in accordance with Applicable Law.

31.2 Notwithstanding anything to the contrary in this Agreement and to the fullest extent permitted by Applicable Law, SBC-13STATE shall, at CLEC's request, indemnify, defend, and hold harmless CLEC, each of its officers, directors and employees from and against any losses, damages, costs, fines, penalties and expenses (including reasonable attorneys and consultant's fees) of every kind and nature to the extent they are incurred by any of those parties in connection with a claim, demand, suit, or proceeding for damages, penalties, contribution, injunction, or any other kind of relief that is based upon, arises out of, is caused by, or results from: (i) the removal or disposal from the work location of a Hazardous Substance by SBC-13STATE or any person acting on behalf of SBC-13STATE, or the subsequent storage, processing, or other handling of such Hazardous Substances after they have been removed from the work location, (ii) the Release of a Hazardous Substance, regardless of its source, by SBC-13STATE or any person acting on behalf of SBC-13STATE, or (iii) the presence at the work location of an Environmental Hazard for which SBC-13STATE is responsible under Applicable Law or a Hazardous Substance introduced into the work location by SBC-13STATE or any person acting on behalf of SBC-13STATE.

31.3 Notwithstanding anything to the contrary in this Agreement and to the fullest extent permitted by Applicable Law, CLEC shall, at SBC-13STATE's request, indemnify, defend, and hold harmless SBC-13STATE, each of its officers, directors and employees from and against any losses, damages, costs, fines, penalties and expenses (including reasonable attorney's and consultant's fees) of every kind and nature to the extent they are incurred by any of those parties in connection with a claim, demand, suit, or proceeding for damages, penalties, contribution, injunction, or any other kind of relief that is based upon, arises out of, is caused by, or results from: (i) the removal or disposal of a Hazardous Substance from the work location by CLEC or any person acting on behalf of CLEC, or the subsequent storage, processing, or other handling of such Hazardous Substances after they have been removed from the work location, (ii) the Release of a Hazardous Substance, regardless of its source, by CLEC or any person acting on behalf of CLEC, or (iii) the presence at the work location of an Environmental Hazard for which CLEC is responsible under Applicable Law or a Hazardous Substance introduced into the work location by CLEC or any person acting on behalf of CLEC.

31.4 For the purposes of this agreement, "Hazardous Substances" means (i) any material or substance that is defined or classified as a hazardous substance, hazardous waste, hazardous material, hazardous chemical, pollutant, or contaminant under any federal, state, or local environmental statute, rule, regulation, ordinance or other Applicable Law dealing with the protection of human health or the environment, (ii) petroleum, oil, gasoline, natural gas, fuel oil, motor oil, waste oil, diesel fuel, jet fuel, and other petroleum hydrocarbons, or (iii) asbestos and asbestos containing material in any form, and (iv) any soil, groundwater, air, or other media contaminated with any of the materials or substances described above.

31.5 For the purposes of this agreement, "Environmental Hazard" means (i) the presence of petroleum vapors or other gases in hazardous concentrations in a manhole or other confined space, or conditions reasonably likely to give rise to such concentrations, (ii) asbestos containing materials, or (iii) any potential hazard that would not be obvious to an individual entering the work location or detectable using work practices standard in the industry.

31.6 For the purposes of this agreement, "Release" means any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, disposal, or other movement into (i) the work location, or (ii) other environmental media, including but not limited to, the air, ground or surface water, or soil.

32. FORCE MAJEURE

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

33. TAXES

33.1 Each Party purchasing Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services under this Agreement shall pay or otherwise be responsible for all federal, state, or local sales, use, excise, gross receipts, municipal fees, transfer, transaction or similar taxes, fees, or surcharges (hereinafter "Tax") imposed on, or with respect to, the Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services under this Agreement provided by or to such Party, except for (a) any Tax on either party's corporate existence, status, or income or (b) any corporate franchise Taxes. Whenever possible, Taxes shall be billed as a separate item on the invoice.

33.2 CLEC acknowledges and agrees that it is required to comply with Chapter 283 of the Texas Local Government Code, as it may be amended from time to time, and the reporting and compensation requirements of Subchapter R of the P.U.C. Substantive Rules – Chapter 26, Applicable to Telecommunications Service Providers, as they may be amended from time to time. With respect to municipal fees charged pursuant to Chapter 283, Tex. Loc. Gov't Code, CLEC agrees that it will directly report its access lines to the Texas Public Utility Commission, will remit the related payments to municipalities, and will otherwise comply with Chapter 283 and applicable P.U.C rules, as they may be amended from time to time.

33.3 With respect to any purchase of Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services under this Agreement if any Tax is required or permitted by Applicable Law to be collected from the purchasing Party by the providing Party, then: (i) the providing Party shall bill the purchasing Party for such Tax; (ii) the purchasing Party shall remit such Tax to the providing Party; and (iii) the providing Party shall remit such collected Tax to the applicable taxing authority. Failure to include Taxes on an invoice or to state a Tax separately shall not impair the obligation of the purchasing Party to pay any Tax. Nothing shall prevent the providing Party from paying any Tax to the appropriate taxing authority prior to the time: (i) it bills the purchasing Party for such Tax, or (ii) it collects the Tax from the purchasing Party. Notwithstanding anything in this Agreement to the contrary, the purchasing Party shall be liable for and the providing Party may collect Taxes which were assessed by or paid to an appropriate taxing authority within the statute of limitations period but not included on an invoice within four (4) years after the Tax otherwise was owed or due.

33.4 With respect to any purchase hereunder of Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services under this Agreement that are resold to a third party, if any Tax is imposed by Applicable Law on the End User in connection with any such purchase, then: (i) the purchasing Party shall be required to impose and/or collect such Tax from the End User; and (ii) the purchasing Party shall remit such Tax to the applicable taxing authority. The purchasing Party agrees to indemnify and hold harmless the providing Party for any costs incurred by the providing Party as a result of actions taken by the applicable taxing authority to collect the Tax from the providing Party due to the failure of the purchasing Party to pay or collect and remit such tax to such authority.

33.5 If the providing Party fails to bill or to collect any Tax as required herein, then, as between the providing Party and the purchasing Party: (i) the purchasing Party shall remain liable for such uncollected Tax; and (ii) the providing Party shall be liable for any penalty and interest assessed with respect to such uncollected Tax by such authority. However, if the purchasing Party fails to pay any Taxes properly billed, then, as between the providing Party and the purchasing Party, the purchasing Party will be solely responsible for payment of the Taxes, penalty and interest.

33.6 If the purchasing Party fails to impose and/or collect any Tax from End Users as required herein, then, as between the providing Party and the purchasing Party, the purchasing Party shall remain liable for such uncollected Tax and any interest and penalty assessed thereon with respect to the uncollected Tax by the applicable taxing authority. With respect to any Tax that the purchasing Party has agreed to pay or impose on and/or collect from End Users, the purchasing Party agrees to indemnify and hold harmless the providing Party for any costs incurred by the providing Party as a result of actions taken by the applicable taxing authority to collect the Tax from the providing Party due to the failure of the purchasing Party to pay or collect and remit such Tax to such authority.

33.7 If either Party is audited by a taxing authority or other Governmental Authority, the other Party agrees to reasonably cooperate with the Party being audited in order to respond to any audit inquiries in a proper and timely manner so that the audit and/or any resulting controversy may be resolved expeditiously.

33.8 To the extent a sale is claimed to be for resale and thus subject to tax exemption, the purchasing Party shall furnish the providing Party a proper resale tax exemption certificate as authorized or required by statute or regulation of the jurisdiction providing said resale tax exemption. Failure to timely provide said resale tax exemption certificate will result in no exemption being available to the purchasing Party for any period prior to the date that the purchasing Party presents a valid certificate. If Applicable Law excludes or exempts a purchase of Interconnection, Resale Services, Lawful Unbundled Network Elements, functions, facilities, products and services under this Agreement from a Tax, but does not also provide an exemption procedure, then the providing Party will not collect such Tax if the purchasing Party (a) furnishes the providing Party with a letter signed by an officer of the purchasing Party claiming an exemption and identifying the Applicable Law that both allows such exemption and does not require an exemption certificate; and (b) supplies the providing Party with an indemnification agreement, reasonably acceptable to the providing Party, which holds the providing Party harmless from any tax, interest, penalties, loss, cost or expense with respect to forbearing to collect such Tax.

33.9 With respect to any Tax or Tax controversy covered by this Section 33, the purchasing Party is entitled to contest with the imposing jurisdiction, pursuant to Applicable Law and at its own expense, any Tax that it is ultimately obligated to pay or collect. The purchasing Party will ensure that no lien is attached to any asset of the providing Party as a result of any contest. The purchasing Party shall be entitled to the benefit of any refund or recovery of amounts that it had previously paid resulting from such a contest. Amounts previously paid by the providing Party shall be refunded to the providing Party. The providing Party will cooperate in any such contest.

33.10 All notices, affidavits, exemption certificates or other communications required or permitted to be given by either Party to the other under this Section 34 shall be sent in accordance with Section 17 hereof.

34. NON-WAIVER

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

35. NETWORK MAINTENANCE AND MANAGEMENT

35.1 The Parties will work cooperatively to implement this Agreement. The Parties will exchange appropriate information (for example, maintenance contact numbers, network information, information required to comply with law enforcement and other security agencies of the Government, escalation processes, etc.) to achieve this desired result.

35.2 Each Party will administer its network to ensure acceptable service levels to all users of its network services. Service levels are generally considered acceptable only when End Users are able to establish connections with little or no delay encountered in the network. Each Party will provide a 24-hour contact number for Network Traffic Management issues to the other's surveillance management center.

35.3 Each Party maintains the right to implement protective network traffic management controls, such as "cancel to", "call gapping" or 7-digit and 10-digit code gaps, to selectively cancel the completion of traffic over its network, including traffic destined for the other Party's network, when required to protect the public-switched network from congestion as a result of occurrences such as facility failures, switch congestion or failure or focused overload. Each Party shall immediately notify the other Party of any protective control action planned or executed.

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

35.5 The Parties shall cooperate and share pre-planning information regarding cross-network call-ins expected to generate large or focused temporary increases in call volumes to prevent or mitigate the impact of these events on the public-switched network, including any disruption or loss of service to the other Party's End Users. Facsimile (FAX) numbers must be exchanged by the Parties to facilitate event notifications for planned mass calling events.

35.6 Neither Party shall use any Interconnection, Resale Service, Lawful Unbundled Network Element, function, facility, product or service provided under this Agreement or any other service related thereto or used in combination therewith in any manner that interferes with or impairs service over any facilities of SBC-13STATE, its affiliated companies or other connecting telecommunications carriers, prevents any carrier from using its Telecommunications Service, impairs the quality or the privacy of Telecommunications Service to other carriers or to either Party's End Users, causes hazards to either Party's personnel or the public, damage to either Party's or any connecting carrier's facilities or equipment, including any malfunction of ordering or billing systems or equipment. Upon such occurrence either Party may discontinue or refuse service, but only for so long as the other Party is violating this provision. Upon any such violation, either Party shall provide the other Party notice of the violation at the earliest practicable time.

36. SIGNALING

36.1 SBC-13STATE will provide SS7 signaling pursuant to applicable access tariff.

37. TRANSMISSION OF TRAFFIC TO THIRD PARTIES

37.1 CLEC will not send to SBC-13STATE local traffic that is destined for the network of a Third Party unless CLEC has the authority to exchange traffic with that Third Party.

38. CUSTOMER INQUIRIES

38.1 Except as otherwise required by Section 24.1, each Party will refer all questions regarding the other Party's services or products directly to the other Party at a telephone number specified by that Party.

38.2 Except as otherwise required by Section 24.1, each Party will ensure that all of its representatives who receive inquiries regarding the other Party's services:

38.2.1 Provide the number described in Section 38.1 to callers who inquire about the other Party's services or products; and

38.2.2 Do not in any way disparage or discriminate against the other Party or its products or services.

38.3 Except as otherwise provided in this Agreement, CLEC shall be the primary point of contact for CLEC's End Users with respect to the services CLEC provides such End Users.

38.4 CLEC acknowledges that SBC-13STATE may, upon End User request, provide services directly to such End User similar to those offered to CLEC under this Agreement.

39. EXPENSES

39.1 Except as expressly set forth in this Agreement, each Party will be solely responsible for its own expenses involved in all activities related to the matters covered by this Agreement.

39.2 SBC-12STATE and CLEC shall each be responsible for one-half (1/2) of expenses payable to a Third Party for Commission fees or other charges (including regulatory fees, reproduction and delivery expense and any costs of notice or publication, but not including attorney's fees) associated with the filing of this Agreement or any amendment to this Agreement. Prior to the filing of this Agreement in the State of Nevada, CLEC will submit a check in the amount of $200.00, payable to Public Utilities Commission of Nevada, to cover its portion of the expenses incurred with filing this Agreement. Prior to the filing of each and every Amendment filed in connection with this Agreement in the State of Nevada, CLEC will submit a check in the amount of $200.00, payable to Public Utilities Commission of Nevada, to cover its portion of the expenses incurred with filing of each amendment filed in connection with this Agreement. Upon receipt of CLEC's check, the Agreement will be processed for filing with the Commission.

40. CONFLICT OF INTEREST

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

41. SURVIVAL

41.1 The Parties' obligations under this Agreement which by their nature are intended to continue beyond the termination or expiration of this Agreement shall survive the termination or expiration of this Agreement. Without limiting the general applicability of the foregoing, the following terms and conditions of the General Terms and Conditions are specifically agreed by the Parties to continue beyond the termination or expiration of this Agreement: Section 5.5; Section 5.6, Section 7.3; Section 8.1; Section 8.4; Section 8.5; Section 8.6; Section 8.7; Section 8.8; Section 10, Section 11; Section 13; Section 14;

Section 15; Section 16.1; Section 18; Section 19; Section 20; Section 22; Section 25.4; Section 26.1.3; Section 32; Section 34 and Section 42.

42. SCOPE OF AGREEMENT

42.1 This Agreement is intended to describe and enable specific Interconnection and compensation arrangements between the Parties. This Agreement is the arrangement under which the Parties may purchase from each other the products and services described in Section 251 of the Act and obtain approval of such arrangement under Section 252 of the Act. Except as agreed upon in writing, neither Party shall be required to provide the other Party a function, facility, product, service or arrangement described in the Act that is not expressly provided herein.

42.2 Except as specifically contained herein or provided by the FCC or any Commission within its lawful jurisdiction, nothing in this Agreement shall be deemed to affect any access charge arrangement.

43. AMENDMENTS AND MODIFICATIONS

43.1 Except as otherwise provided for in this Agreement, no provision of this Agreement shall be deemed amended or modified by either Party unless such an amendment or modification is in writing, dated, and signed by an authorized representative of both Parties. The rates, terms and conditions contained in the amendment shall become effective upon approval of such amendment by the appropriate Commissions; and such amendment will not require refunds, true-up or retroactive crediting or debiting prior to the approval of the Amendment. SBC-12STATE and CLEC shall each be responsible for its share of the publication expense (i.e. filing fees, delivery and reproduction expense, and newspaper notification fees), to the extent publication is required for filing of an amendment by a specific state.

43.2 Neither Party shall be bound by any preprinted terms additional to or different from those in this Agreement that may appear subsequently in the other Party's form documents, purchase orders, quotations, acknowledgments, invoices or other communications.

44. APPENDICES INCORPORATED BY REFERENCE

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

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

44.2 COLLOCATION -- SECTION 251(c)(6)

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

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

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

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

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

44.4.1 SBC-13STATE shall provide to CLEC Interconnection of the Parties' facilities and equipment for the transmission and routing of Telephone Exchange Service traffic and Exchange Access traffic pursuant to the applicable Appendix ITR, which is/are attached hereto and incorporated herein by reference. Methods for Interconnection and Physical Architecture shall be as defined in the applicable Appendix NIM, which is/are attached hereto and incorporated herein by reference.

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

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

44.6 OTHER SERVICES

44.6.1 911 and E911 Services

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

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

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

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

44.6.1.2.3 CLEC agrees to begin implementing access to 911 sufficiently in advance of the planned implementation of voice service to meet its 911 requirements. CLEC understands that the steps it must take to fulfill its 911 obligation include, but are not limited to, obtaining NXX(s) from NECA for the exchange area(s) CLEC plans to serve, submission of the appropriate form(s) to SBC-13STATE, and, following SBC-13STATE's processing of such form(s), obtaining approval from the appropriate PSAP(s) for the CLEC's 911 service architecture. CLEC further understands that PSAP approval may include testing 911 trunks with appropriate PSAP(s). CLEC understands that, based on SBC-13STATE's prior experience with CLEC implementation of 911, these steps require a minimum of sixty (60) days.

44.6.1.2.4 CLEC agrees to indemnify and hold SBC-13STATE harmless from the consequences of CLEC's decision to not interconnect with SBC-13STATE's 911 Selective Routers. The provisions of General Terms and Conditions Section 14 shall apply to such indemnification.

44.6.3 Directory Assistance (DA)

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

44.6.4 Hosting

44.6.4.1 At CLEC's request, SBC-10STATE shall perform hosting responsibilities for the provision of billable message data and/or access usage data received from CLEC for distribution to the appropriate billing and/or processing location or for delivery to CLEC of such data via SBC-10STATE's internal network or the nationwide CMDS network pursuant to the applicable Appendix HOST, which is/are attached hereto and incorporated herein by reference.

44.6.5 Operator Services (OS)

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

44.6.6 Publishing and Directory

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

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

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

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

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

44.6.9 TRANSMISSION AND ROUTING OF TELEPHONE EXCHANGE SERVICE TRAFFIC PURSUANT TO SECTION 251(c)(2)(D); 252(d)(1) and (2); 47 CFR § 51.305(a)(5).

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

44.6.10 LAWFUL UNBUNDLED NETWORK ELEMENTS -- SECTIONS 251(c)(3)

44.6.10.1 Pursuant to the applicable Appendix Lawful UNEs, which is/are attached hereto and incorporated herein by reference, SBC-13STATE will provide CLEC access to Lawful UNEs for the provision of Telecommunications Service as required by Sections 251 and 252 of the Act and in the Appendices hereto. CLEC agrees to provide access to its Network Elements to SBC-13STATE under the same terms, conditions and prices contained herein and in the applicable Appendices hereto.

45. AUTHORITY

45.1 Each of the SBC-owned ILEC(s) for which this Agreement is executed represents and warrants that it is a corporation or limited partnership duly organized, validly existing and in good standing under the laws of its state of incorporation or formation. Each of the SBC-owned ILEC(s) for which this Agreement is executed represents and warrants that SBC Telecommunications, Inc. has full power and authority to execute and deliver this Agreement as agent for that SBC-owned ILEC. Each of the SBC-owned ILEC(s) for which this Agreement is executed represents and warrants that it has full power and authority to perform its obligations hereunder.

45.2 CLEC represents and warrants that it is a corporation duly organized, validly existing and in good standing under the laws of the State of Louisiana and has full power and authority to execute and deliver this Agreement and to perform its obligations hereunder. CLEC represents and warrants that it has been or will be certified as a LEC by the Commission(s) prior to submitting any orders hereunder and is or will be authorized to provide the Telecommunications Services contemplated hereunder in the territory contemplated hereunder prior to submission of orders for such Service.

45.3 Each Person whose signature appears below represents and warrants that he or she has authority to bind the Party on whose behalf he or she has executed this Agreement.

46. COUNTERPARTS

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

47. ENTIRE AGREEMENT

47.1 SBC-12STATE

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

47.2 SBC CONNECTICUT

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

SBC-13STATE Agreement
Signatures

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

CLEC's STATE-SPECIFIC:

FACILITIES-BASED OCN # _____

RESALE OCN # _____

ACNA _____

CenturyTel Fiber Company II, LLC d/b/a LightCore, a CenturyTel Company

Signature: _____

Name: _____
(Print or Type)

Title: _____
(Print or Type)

Date: _____

Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, and Wisconsin Bell, Inc. d/b/a SBC Wisconsin by SBC Telecommunications, Inc,, its authorized agent

Signature: _____

Name: _____
(Print or Type)

Title: For/ Senior Vice President -
Industry Markets & Diversified Businesses

Date: _____

APPENDIX 911

TABLE OF CONTENTS

1. INTRODUCTION 3
2. DEFINITIONS 4
3. SBC-13STATE RESPONSIBILITIES 5
4. CLEC RESPONSIBILITIES 6
5. RESPONSIBILITIES OF BOTH PARTIES 8
6. METHODS AND PRACTICES 8
7. CONTINGENCY 8
8. BASIS OF COMPENSATION 8
9. LIABILITY 8

APPENDIX 911

TERMS AND CONDITIONS FOR PROVIDING CONNECTION TO E911 UNIVERSAL EMERGENCY NUMBER SERVICE

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions by which the applicable SBC Communications Inc. (SBC)-owned Incumbent Local Exchange Carrier (ILEC) will provide CLEC with access to the applicable SBC-owned ILEC's 911 and E911 Databases and provide interconnection and Call Routing for purposes of 911 call completion to a Public Safety Answering Point (PSAP) as required by Section 251 of the Act.

1.2 SBC Communications Inc. (SBC) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.3 SBC-2STATE - As used herein, SBC-2STATE means SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in California and Nevada.

1.4 SBC-4STATE - As used herein, SBC-4STATE means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, and SBC Oklahoma the applicable SBC-owned ILEC(s) doing business in Arkansas, Kansas, Missouri and Oklahoma.

1.5 SBC-7STATE - As used herein, SBC-7STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma and Texas.

1.6 SBC-8STATE - As used herein, SBC-8STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA, SBC NEVADA and SBC CONNECTICUT, the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma and Texas.

1.7 SBC-10STATE - As used herein, SBC-10STATE means SBC SOUTHWEST REGION 5-STATE and SBC MIDWEST REGION 5-STATE an the applicable SBC-owned ILEC(s) doing business in Arkansas, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Texas and Wisconsin.

1.8 SBC-12STATE - As used herein, SBC-12STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE and SBC-2STATE the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin.

1.9 SBC-13STATE - As used herein, SBC-13STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE, SBC-2STATE and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin.

1.10 SBC ARKANSAS - As used herein, SBC ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, the applicable SBC-owned ILEC doing business in Arkansas.

1.11 SBC CALIFORNIA – As used herein, SBC CALIFORNIA means Pacific Bell Telephone Company d/b/a SBC California, the applicable SBC-owned ILEC doing business in California.

1.12 SBC CONNECTICUT - As used herein, SBC CONNECTICUT means The Southern New England Telephone Company d/b/a SBC Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.13 SBC KANSAS - As used herein, SBC KANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Kansas, the applicable SBC-owned ILEC doing business in Kansas.

1.14 SBC ILLINOIS - As used herein, SBC ILLINOIS means Illinois Bell Telephone Company d/b/a SBC Illinois, the applicable SBC-owned ILEC doing business in Illinois.

1.15 SBC INDIANA - As used herein, SBC INDIANA means Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, the applicable SBC-owned ILEC doing business in Indiana.

1.16 SBC MICHIGAN - As used herein, SBC MICHIGAN means Michigan Bell Telephone Company d/b/a SBC Michigan, the applicable SBC-owned doing business in Michigan.

1.17 SBC MIDWEST REGION 5-STATE - As used herein, SBC MIDWEST REGION 5-STATE means Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio and Wisconsin.

1.18 SBC MISSOURI - As used herein, SBC MISSOURI means Southwestern Bell Telephone, L.P. d/b/a SBC Missouri, the applicable SBC-owned ILEC doing business in Missouri.

1.19 SBC NEVADA - As used herein, SBC NEVADA means Nevada Bell Telephone Company d/b/a SBC Nevada, the applicable SBC-owned ILEC doing business in Nevada.

1.20 SBC OHIO - As used herein, SBC OHIO means The Ohio Bell Telephone Company d/b/a SBC Ohio, the applicable SBC-owned ILEC doing business in Ohio.

1.21 SBC OKLAHOMA - As used herein, SBC OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a SBC Oklahoma, the applicable SBC-owned ILEC doing business in Oklahoma.

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

1.23 SBC TEXAS - As used herein, SBC TEXAS means Southwestern Bell Telephone, L.P. d/b/a SBC Texas, the applicable SBC-owned ILEC doing business in Texas.

1.24 SBC WISCONSIN - As used herein, SBC WISCONSIN means Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC doing business in Wisconsin.

2. DEFINITIONS

2.1 "911 System" means the set of network, database and customer premise equipment (CPE) components required to provide 911 service.

2.2 "911 Trunk" means a trunk capable of transmitting Automatic Number Identification (ANI) associated with a call to 911 from CLEC's End Office to the E911 system.

2.3 "Automatic Location Identification" or "ALI" means the automatic display at the PSAP of the caller's telephone number, the address/location of the telephone and, in some cases, supplementary emergency services information.

2.4 "Automatic Number Identification" or "ANI" means the telephone number associated with the access line from which a call to 911 originates.

2.5 "Company Identifier" or "Company ID" means a three to five (3 to 5) character identifier chosen by the Local Exchange Carrier that distinguishes the entity providing dial tone to the End-User. The Company Identifier is maintained by NENA in a nationally accessible database.

2.6 "Database Management System" or "DBMS" means a system of manual procedures and computer programs used to create, store and update the data required to provide Selective Routing and/or Automatic Location Identification for 911 systems.

2.7 "E911 Customer" means a municipality or other state or local government unit, or an authorized agent of one or more municipalities or other state or local government units to whom authority has been lawfully delegated to respond to public emergency telephone calls, at a minimum, for emergency police and fire services through the use of one telephone number, 911.

2.8 "E911 Universal Emergency Number Service" (also referred to as "Expanded 911 Service" or "Enhanced 911 Service") or "E911 Service" means a telephone exchange communications service whereby a public safety answering point (PSAP) answers telephone calls placed by dialing the number 911. E911 includes the service provided by the lines and equipment associated with the service arrangement for the answering, transferring, and dispatching of public emergency telephone calls dialed to 911. E911 provides completion of a call to 911 via dedicated trunking facilities and includes Automatic Number Identification (ANI), Automatic Location Identification (ALI), and/or Selective Routing (SR).

2.9 "Emergency Services" means police, fire, ambulance, rescue, and medical services.

2.10 "Emergency Service Number" or "ESN" means a three to five digit number representing a unique combination of emergency service agencies (Law Enforcement, Fire, and Emergency Medical Service) designated to serve a specific range of addresses within a particular geographical area. The ESN facilitates selective routing and selective transfer, if required, to the appropriate PSAP and the dispatching of the proper service agency(ies).

2.11 "National Emergency Number Association" or "NENA" means the National Emergency Number Association is a not-for-profit corporation established in 1982 to further the goal of "One Nation-One Number". NENA is a networking source and promotes research, planning, and training. NENA strives to educate, set standards and provide certification programs, legislative representation and technical assistance for implementing and managing 911 systems.

2.12 "Public Safety Answering Point" or "PSAP" means an answering location for 911 calls originating in a given area. The E911 Customer may designate a PSAP as primary or secondary, which refers to the order in which calls are directed for answering. Primary PSAPs answer calls; secondary PSAPs receive calls on a transfer basis. PSAPs are public safety agencies such as police, fire, emergency medical, etc., or a common bureau serving a group of such entities.

2.13 "Selective Routing" and "Selective Router" or "SR" means the routing and equipment used to route a call to 911 to the proper PSAP based upon the number and location of the caller. Selective routing is controlled by an ESN, which is derived from the location of the access line from which the 911 call was placed.

2.14 "Service Provider" means an entity that provides one or more of the following 911 elements; network, database, or CPE.

3. SBC-13STATE RESPONSIBILITIES

3.1 SBC-13STATE shall provide and maintain such equipment at the 911 SR and the DBMS as is necessary to provide CLEC access to the 911 SR and DBMS set forth herein in a particular Rate Center in which CLEC is authorized to provide local telephone exchange service and when SBC-13STATE provides the 911 System component. In such situations, SBC-13STATE shall provide CLEC access to the SBC 13-STATE 911 System as described in this section in.

3.2 Call Routing

3.2.1 SBC-13STATE will route 911 calls from the SBC-13STATE SR to the designated primary PSAP or to designated alternate locations, according to routing criteria specified by the PSAP.

3.2.2 SBC-13STATE will forward the calling party number (ANI) it receives from CLEC and the associated 911 Address Location Identification (ALI) to the PSAP for display. If no ANI is forwarded by CLEC, SBC-13STATE will forward an Emergency Service Central Office (ESCO) identification code for display at the PSAP. If ANI is forwarded by the CLEC, but no ALI record is found in the E911 DBMS, SBC-13STATE will report this "No Record Found" condition to the CLEC in accordance with NENA standards.

3.3 Facilities and Trunking

3.3.1 SBC-13STATE shall provide and maintain sufficient dedicated E911 trunks from SBC-13STATE's SR to the PSAP of the E911 Customer, according to provisions of the appropriate state Commission-approved tariff and documented specifications of the E911 Customer.

3.3.2 SBC-13STATE will provide facilities to interconnect the CLEC to the SBC-13STATE SR, as specified in the applicable SBC-13STATE Access tariff. Additionally, when diverse facilities are requested by CLEC, SBC-13STATE will provide such diversity where technically feasible, at standard SBC-13STATE Access Tariff rates.

3.3.3 SBC-13STATE and CLEC will cooperate to promptly test all trunks and facilities between CLEC's network and the SBC-13STATE SR(s).

3.4 Database

3.4.1 Where SBC-13STATE manages the 911 and E911 Databases, SBC-13STATE shall provide CLEC access to the 911 and E911 Databases to store CLEC's End User 911 Records [that is, the name, address, and associated telephone number(s) for each of CLEC's End Users served by CLEC's exchange(s)] in the electronic data processing database for the E911 DBMS. CLEC or its representative(s) is responsible for electronically providing End User 911 Records and updating this information.

3.4.2 Where SBC-13STATE manages the 911 and E911 Databases, SBC-13STATE shall coordinate access to the SBC-13STATE DBMS for the initial loading and updating of CLEC End User 911 Records.

3.4.3 Where SBC-13STATE manages the E911 Database, SBC-13STATE's ALI database shall accept electronically transmitted files that are based upon NENA standards. Manual entry shall be allowed only in the event that the DBMS is not functioning properly.

4. CLEC RESPONSIBILITIES

4.1 Call Routing

4.1.1 CLEC will transport 911 calls from each point of interconnection (POI) to the SBC-13STATE SR office of the 911 System, where SBC-13STATE is the 911 System Service Provider.

4.1.2 CLEC will forward the ANI information of the party calling 911 to the SBC-13STATE 911 Selective Router.

4.2 Facilities and Trunking

4.2.1 CLEC shall provide interconnection with each SBC-13STATE 911 Selective Router that serves the exchange areas in which CLEC is authorized to and will provide telephone exchange service.

4.2.2 CLEC acknowledges that its End Users in a single local calling scope may be served by different SRs and CLEC shall be responsible for providing interconnection facilities to route 911 calls from its End Users to the proper E911 SR.

4.2.3 CLEC shall provide a minimum of two (2) one-way outgoing E911 trunk(s) dedicated for originating 911 emergency service calls from the point of interconnection (POI) to interconnect to each SBC-13STATE 911 Selective Router, where applicable. Where SS7 connectivity is available and required

by the applicable E911 Customer, the Parties agree to implement Common Channel Signaling trunking rather than CAMA MF trunking.

4.2.3.1 In SBC MIDWEST REGION 5-STATE only, CLEC is responsible for providing a separate 911 trunk group for each county or other geographic area that CLEC serves if the 911 Customer for such county or geographic area has a specified varying default routing condition. In addition, 911 traffic originating in one (1) NPA (area code) must be transmitted over a separate 911 trunk group from 911 traffic originating in any other NPA (area code) 911.

4.2.4 CLEC shall maintain facility transport capacity sufficient to route 911 traffic over trunks dedicated for 911 interconnection between the CLEC switch and the SBC-13STATE SR.

4.2.5 CLEC shall provide sufficient trunking to interconnect with the designated SBC-13STATE 911 SR to route CLEC's originating 911 calls to the designated SBC-13STATE 911 SR. CLEC is responsible for requesting that trunking and facilities be routed diversely for 911 interconnection

4.2.6 CLEC is responsible for determining the proper quantity of trunks and transport facilities from its switch(es) to interconnect with the SBC-13STATE 911 SR.

4.2.7 CLEC shall engineer its 911 trunks to attain a minimum P.01 grade of service as measured using the "busy day/busy hour" criteria or, if higher, at such other minimum grade of service as required by Applicable Law or duly authorized Governmental Authority.

4.2.8 CLEC shall monitor its 911 trunks for the purpose of determining originating network traffic volumes. If CLEC's traffic study indicates that additional 911 trunks are needed to meet the current level of 911 call volumes, CLEC shall provision additional 911 trunks for interconnection with SBC-13STATE.

4.2.9 CLEC will cooperate with SBC-13STATE to promptly test all 911 interconnection trunks and facilities between CLEC's network and the SBC-13STATE 911 Selective Router(s) to assure proper functioning. CLEC agrees that it will not pass live traffic until successful testing is completed by both Parties.

4.2.10 CLEC is responsible for the isolation, coordination and restoration of all 911 facility and trunking maintenance problems from CLEC's demarcation (for example, collocation) to the SBC-13STATE 911 SR(s). CLEC is responsible for advising SBC-13STATE of the 911 trunk identification and the fact that the trunks are dedicated for 911 traffic when notifying SBC-13STATE of a failure or outage. The Parties agree to work cooperatively and expeditiously to resolve any 911 outage. SBC-13STATE will refer network trouble to CLEC if no defect is found in SBC-13STATE's 911 network. The Parties agree that 911 network problem resolution will be managed expeditiously at all times.

4.3 Database

4.3.1 Once the 911 interconnection between CLEC and all appropriate SBC-13STATE SR(s) has been established and tested , CLEC or its representatives shall be responsible for providing CLEC's End User 911 Records to SBC-13STATE for inclusion in SBC-13STATE's DBMS on a timely basis.

4.3.2 CLEC or its agent shall provide initial and ongoing updates of CLEC's End User 911 Records that are MSAG-valid in electronic format based upon established NENA standards.

4.3.3 CLEC shall adopt use of a Company ID on all CLEC End User 911 Records in accordance with NENA standards. The Company ID is used to identify the carrier of record in facility configurations.

4.3.4 CLEC is responsible for providing SBC-13STATE updates to the ALI database; in addition, CLEC is responsible for correcting any errors that may occur during the entry of their data to the SBC-13STATE 911 DBMS.

5. RESPONSIBILITIES OF BOTH PARTIES

5.1 Jointly coordinate the provisioning of transport capacity sufficient to route originating E911 calls from the CLEC's POI to the designated SBC-13STATE 911 Selective Router(s).

6. METHODS AND PRACTICES

6.1 With respect to all matters covered by this Appendix, each Party will comply with all of the following to the extent that they apply to access to 911 and E911 Databases: (i) all FCC and applicable state Commission rules and regulations, (ii) any requirements imposed by any Governmental Authority other than a Commission, (iii) the terms and conditions of SBC-13STATE's Commission-ordered tariff(s) and (iv) the principles expressed in the recommended standards published by NENA.

7. CONTINGENCY

7.1 The terms and conditions of this Appendix represent a negotiated plan for providing access to 911 and E911 Databases, and provide interconnection and call routing for purposes of 911 call completion to a Public Safety Answering Point (PSAP) as required by Section 251 of the Act.

7.2 The Parties agree that the 911 System is provided herein is for the use of the E911 Customer, and recognize the authority of the E911 Customer to establish service specifications and grant final approval (or denial) of service configurations offered by SBC-13STATE and CLEC. These specifications shall be documented in Exhibit I, CLEC Serving Area Description and E911 Interconnection Details. CLEC shall complete its portion of Exhibit I and submit it to SBC-13STATE not later than forty-five (45) days prior to the passing of live traffic. SBC-13STATE shall complete its portion of Exhibit I and return Exhibit I to CLEC not later than thirty (30) days prior to the passing of live traffic.

7.3 CLEC must obtain documentation of approval of the completed Exhibit I from the appropriate E911 Customer(s) that have jurisdiction in the area(s) in which CLEC's End Users are located CLEC shall provide documentation of all requisite approval(s) to SBC-13STATE prior to use of CLEC's E911 connection for actual emergency calls.

7.4 Each Party has designated a representative who has the authority to complete additional Exhibit(s) I to this Appendix when necessary to accommodate expansion of the geographic area of CLEC into the jurisdiction of additional PSAP(s) or to increase the number of CAMA trunks. CLEC must obtain approval of each additional Exhibit I, as set forth in Section 7.2, and shall furnish documentation of all requisite approval(s) of each additional Exhibit I in accordance with Section 7.2.

7.5 In SBC-2STATE, and SBC MIDWEST REGION 5-STATE; the state specific forms shall be submitted in lieu of the Exhibit 1 referenced in Sections 7.1, 7.2 and 7.4 hereof.

8. BASIS OF COMPENSATION

8.1 Rates for access to 911 and E911 Databases, interconnection and call routing of E911 call completion to a Public Safety Answering Point (PSAP) as required by Section 251 of the Act are set forth in SBC-13STATE's Appendix Pricing or applicable SBC-13STATE Commission-approved access tariff.

9. LIABILITY

9.1 SBC-13STATE's liability and potential damages, if any, for its gross negligence, recklessness or intentional misconduct, is not limited by any provision of this Appendix. SBC-13STATE shall not be liable to CLEC, its End Users or its E911 calling parties or any other parties or persons for any Loss arising out of the 911 System or any errors, interruptions, defects, failures or malfunctions of the 911 System, including any and all equipment and data processing systems associated therewith. Damages arising out of such interruptions, defects, failures or malfunctions of the system after SBC-13STATE has been notified and has had reasonable time to repair, shall in no event exceed an amount equivalent to any charges made for the service affected for the period following notice from CLEC until service is restored.

9.2 CLEC's liability and potential damages, if any, for its gross negligence, recklessness or intentional misconduct is not limited by any provision of this Appendix. In the event CLEC provides E911 Service to SBC-13STATE, CLEC shall not be liable to SBC-13STATE, its End Users or its E911 calling parties or any other parties or persons for any Loss arising out of the provision of E911 Service or any errors, interruptions, defects, failures or malfunctions of E911 Service, including any and all equipment and data processing systems associated therewith. Damages arising out of such interruptions, defects, failures or malfunctions of the system after CLEC has been notified and has had reasonable time to repair, shall in no event exceed an amount equivalent to any charges made for the service affected for the period following notice from SBC-13STATE until service is restored.

9.3 CLEC agrees to release, indemnify, defend and hold harmless SBC-13STATE from any and all Loss arising out of SBC-13STATE providing CLEC access to the 911 System hereunder or out of CLEC's End Users' use of the 911 System, whether suffered, made, instituted or asserted by CLEC, its End Users, or by any other parties or persons, for any personal injury or death of any person or persons, or for any loss, damage or destruction of any property, whether owned by CLEC, its End Users or others, unless the act or omission proximately causing the Loss constitutes gross negligence, recklessness or intentional misconduct of SBC-13STATE.

9.4 CLEC also agrees to release, indemnify, defend and hold harmless SBC-13STATE from any and all Loss involving an allegation of the infringement or invasion of the right of privacy or confidentiality of any person or persons, caused or claimed to have been caused, directly or indirectly, by the installation, operation, failure to operate, maintenance, removal, presence, condition, occasion or use of the 911 System features and the equipment associated therewith, including by not limited to the identification of the telephone number, address or name associated with the telephone used by the party or parties accessing the 911 System provided hereunder, unless the act or omission proximately causing the Loss constitutes the gross negligence, recklessness or intentional misconduct of SBC-13STATE.

APPENDIX DAL

TABLE OF CONTENTS

1. INTRODUCTION 3
2. GENERAL TERMS AND CONDITIONS 4
3. ASSIGNMENT 5
4. BREACH OF CONTRACT 5
5. LIABILITY 6
6. TERM OF APPENDIX 6

APPENDIX DAL

(LOCAL DIRECTORY ASSISTANCE LISTINGS)

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions for which Parties agrees to license its subscriber listing information applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and CLEC.

1.2 SBC Communications Inc. (SBC) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.3 SBC-2STATE - As used herein, SBC-2STATE means SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in California and Nevada.

1.4 SBC-4STATE - As used herein, SBC-4STATE means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, and SBC Oklahoma the applicable SBC-owned ILEC(s) doing business in Arkansas, Kansas, Missouri and Oklahoma.

1.5 SBC-7STATE - As used herein, SBC-7STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.6 SBC-8STATE - As used herein, SBC-8STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA, SBC NEVADA, and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.7 SBC-10STATE - As used herein, SBC-10STATE means SBC SOUTHWEST REGION 5-STATE and SBC MIDWEST REGION 5-STATE an the applicable SBC-owned ILEC(s) doing business in Arkansas, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Texas, and Wisconsin.

1.8 SBC-12STATE - As used herein, SBC-12STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE and SBC-2STATE the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.9 SBC-13STATE - As used herein, SBC-13STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE, SBC-2STATE and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.10 SBC ARKANSAS - As used herein, SBC ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, the applicable SBC-owned ILEC doing business in Arkansas.

1.11 SBC CALIFORNIA As used herein, SBC CALIFORNIA means Pacific Bell Telephone Company d/b/a SBC California, the applicable SBC-owned ILEC doing business in California.

1.12 SBC CONNECTICUT - As used herein, SBC CONNECTICUT means The Southern New England Telephone Company d/b/a SBC Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.13 SBC KANSAS - As used herein, SBC KANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Kansas, the applicable SBC-owned ILEC doing business in Kansas.

1.14 SBC ILLINOIS - As used herein, SBC ILLINOIS means Illinois Bell Telephone Company d/b/a SBC Illinois, the applicable SBC-owned ILEC doing business in Illinois.

1.15 SBC INDIANA - As used herein, SBC INDIANA means Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, the applicable SBC-owned ILEC doing business in Indiana.

1.16 SBC MICHIGAN - As used herein, SBC MICHIGAN means Michigan Bell Telephone Company d/b/a SBC Michigan, the applicable SBC-owned doing business in Michigan.

1.17 SBC MIDWEST REGION 5-STATE - As used herein, SBC MIDWEST REGION 5-STATE means Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.18 SBC MISSOURI - As used herein, SBC MISSOURI means Southwestern Bell Telephone, L.P. d/b/a SBC Missouri, the applicable SBC-owned ILEC doing business in Missouri.

1.19 SBC NEVADA - As used herein, SBC NEVADA means Nevada Bell Telephone Company d/b/a SBC Nevada, the applicable SBC-owned ILEC doing business in Nevada.

1.20 SBC OHIO - As used herein, SBC OHIO means The Ohio Bell Telephone Company d/b/a SBC Ohio, the applicable SBC-owned ILEC doing business in Ohio.

1.21 SBC OKLAHOMA - As used herein, SBC OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a SBC Oklahoma, the applicable SBC-owned ILEC doing business in Oklahoma.

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

1.23 SBC TEXAS - As used herein, SBC TEXAS means Southwestern Bell Telephone, L.P. d/b/a SBC Texas, the applicable SBC-owned ILEC doing business in Texas.

1.24 SBC WISCONSIN - As used herein, SBC WISCONSIN means Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC doing business in Wisconsin.

1.25 The prices at which SBC-13STATE agrees to provide CLEC with Directory Assistance Listing (DAL) are contained in the applicable Appendix Pricing and/or the applicable Commissioned ordered tariff where stated.

2. GENERAL TERMS AND CONDITIONS

2.1 Where technically feasible and/or available, SBC-13STATE will provide Directory Assistance (listing information referred to as Directory Assistance Listing (DAL) in SBC SOUTHWEST REGION 5-STATE, Directory Assistance Listing Information Service (DALIS) in SBC California and Dialing Parity Directory Listings in SBC MIDWEST REGION 5-STATE (herein after collectively referred to as DAL):

2.1.1 SBC-13STATE owns and maintains the database containing directory assistance listing information (name, address and published telephone number, or an indication of "non-published status") of telephone subscribers.

2.1.2 SBC-13STATE uses the directory assistance listing information in its database to provide directory assistance (DA) service to End Users who call SBC-13STATE's DA to obtain such information.

2.1.3 Inasmuch as SBC-13STATE provides DA service under contract for Independent Local Exchange Carriers (ILECs) and Competitive Local Exchange Carriers, (CLECs), SBC-13STATE's database also contains directory assistance listing information for other ILEC and CLEC End Users.

2.1.4 CLEC, or its agent, wishes to provide DA service to CLEC's End Users located in the CLEC's service area, and therefore, wishes to load its database with directory assistance listings contained in SBC-13STATE's DA database.

2.1.5 SBC-13STATE agrees to license requested directory assistance listing information contained in its database, under the following terms and conditions:

2.1.5.1 SBC-13STATE shall license its directory assistance listing information as defined in Exhibit A.

2.1.5.2 SBC-13STATE shall provide directory assistance listing information in a mutually acceptable format.

2.1.5.3 SBC-13STATE shall provide directory assistance listing information to CLEC via a mutually acceptable mode of transmission. Once the mode of transmission has been determined, SBC13-STATE will provide to CLEC the initial load of directory assistance listing information in a mutually agreed upon timeframe.

2.2 Use of Directory Assistance Listing Information

2.2.1 CLEC may use the directory assistance listing information licensed and provided pursuant to this Appendix in compliance with all applicable laws, regulations, and rules including any subsequent decision by the FCC or a court regarding the use of directory assistance listings.

2.2.2 Upon termination of the Agreement, CLEC shall cease using, for any purpose whatsoever, the directory assistance listing information provided hereunder by SBC-13STATE, and shall extract and expunge all copies or any portions thereof from files and records and provide a certification from an officer of the company that all actions have been performed.

2.2.3 In the event a telephone service subscriber has a "non-published" listing, a "non-published" classification will be identified in lieu of the telephone number information and will be considered part of the Listing Information. The last name, first name, street number, street name, community, and zip code will be provided as part of the Listing Information. The information provided for non-published customers can only be used for two purposes. First, the non-published status may be added to the listing in CLEC's database for the sole purpose of adding/correcting the non-published status of the listings in the database. Second, addresses for non-published customers may be used for verification purposes. If a caller provides the address for a requested listing, CLEC may verify the listing by matching the caller-provided address with the address in CLEC's dates. CLEC may not provide the address information of a requested listing of a non-published subscriber to a caller under any circumstances. CLEC can notify the customer that the requested listing is non-published.

3. ASSIGNMENT

3.1 The directory assistance listings provided by SBC shall remain the property of SBC-13STATE. CLEC, or its third-party DA provider/agent, shall take appropriate measures at least equal to the measures CLEC uses for its own listings to guard against any unauthorized use of the listings provided to it hereunder.

4. BREACH OF CONTRACT

4.1 In the event a Party is found to have materially breached this Appendix, such breach shall be remedied immediately and the non-breaching Party shall have the right to terminate the breaching party's license, without terminating its own rights hereunder, upon fourteen (14) calendar days notice, until the other Party's breach is remedied. Further should CLEC breach this agreement, it shall immediately cease use of SBC-13STATE's directory assistance listing information.

5. LIABILITY

5.1 SBC-13STATE makes no express or implied warranties whatsoever regarding the accuracy of the directory assistance listing information provided to CLEC. CLEC agrees to accept the directory assistance listing information on an "as-is" basis with all faults, errors and omissions, if any. SBC-13STATE makes no warranty, expressed or implied, with respect to any listings or the information contained therein, including but not limited to warranties for merchantability or fitness for a particular purpose.

5.2 CLEC hereby releases SBC-13STATE from any and all liability for damages due to errors or omissions in the directory assistance listing information provided under this Appendix, or by reason of delay in providing the directory assistance listing information, including, but not limited to, special, indirect, consequential, punitive or incidental damages.

5.3 CLEC shall indemnify, protect, save harmless and defend SBC-13STATE (or SBC-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 SBC-13STATE Appendix, and every interconnection, service and network element provided hereunder, shall be subject to all rates, terms and conditions contained in this Agreement or any other appendices or attachments to this Agreement which are supplying directory assistance listing information, or any actual error or omission. CLEC shall so indemnify regardless of whether the demand, claim or suit by the third party is brought jointly against CLEC and SBC-13STATE, and/or against SBC-13STATE alone. However, if such demand, claim or suit specifically alleges that an error or omission appears in DA listing information, SBC-13STATE may, at its option, assume and undertake its own defense, or assist in the defense of CLEC, in which event CLEC shall reimburse SBC-13STATE for reasonable attorney's fees and other expenses incurred by it in handling and defending such demand, claim and/or suit. CLEC shall not enter into any settlement of any such demand, claim or suit without the prior written consent of SBC-13STATE.

6. TERM OF APPENDIX

6.1 This Appendix will continue in force for the length of the Interconnection Agreement, but no less than twelve (12) months. At the expiration of the term of the Interconnection Agreement to which this Appendix is attached, or twelve (12) months, whichever occurs later either Party may terminate this Appendix upon one hundred-twenty (120) calendar day's written notice to the other Party.

APPENDIX DA

TABLE OF CONTENTS

1. INTRODUCTION....3
2. SERVICES....4
3. DEFINITIONS....5
4. CALL BRANDING....5
5. DIRECTORY ASSISTANCE (DA) REFERENCE/RATER INFORMATION....6
6. RESPONSIBILITIES OF THE PARTIES....7
7. METHODS AND PRACTICES....7
8. PRICING....7
9. MONTHLY BILLING....7
10. LIABILITY....8
11. TERMS OF APPENDIX....8

APPENDIX DA
(DIRECTORY ASSISTANCE SERVICE)

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions for Directory Assistance (DA) Services for switched-based CLEC's or CLEC's leasing Lawful unbundled switched-ports as provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and CLEC.

1.2 SBC Communications Inc. (SBC) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.3 SBC-2STATE - As used herein, SBC-2STATE means SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in California and Nevada.

1.4 SBC-4STATE - As used herein, SBC-4STATE means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, and SBC Oklahoma the applicable SBC-owned ILEC(s) doing business in Arkansas, Kansas, Missouri and Oklahoma.

1.5 SBC-7STATE - As used herein, SBC-7STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.6 SBC-8STATE - As used herein, SBC-8STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA, SBC NEVADA, and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.7 SBC-10STATE - As used herein, SBC-10STATE means SBC SOUTHWEST REGION 5-STATE and SBC MIDWEST REGION 5-STATE an the applicable SBC-owned ILEC(s) doing business in Arkansas, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Texas, and Wisconsin.

1.8 SBC-12STATE - As used herein, SBC-12STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE and SBC-2STATE the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.9 SBC-13STATE - As used herein, SBC-13STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE, SBC-2STATE and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.10 SBC ARKANSAS - As used herein, SBC ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, the applicable SBC-owned ILEC doing business in Arkansas.

1.11 SBC CALIFORNIA - As used herein, SBC CALIFORNIA means Pacific Bell Telephone Company d/b/a SBC California, the applicable SBC-owned ILEC doing business in California.

1.12 SBC CONNECTICUT - As used herein, SBC CONNECTICUT means The Southern New England Telephone Company d/b/a SBC Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.13 SBC KANSAS - As used herein, SBC KANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Kansas, the applicable SBC-owned ILEC doing business in Kansas.

1.14 SBC ILLINOIS - As used herein, SBC ILLINOIS means Illinois Bell Telephone Company d/b/a SBC Illinois, the applicable SBC-owned ILEC doing business in Illinois.

1.15 SBC INDIANA - As used herein, SBC INDIANA means Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, the applicable SBC-owned ILEC doing business in Indiana.

1.16 SBC MICHIGAN - As used herein, SBC MICHIGAN means Michigan Bell Telephone Company d/b/a SBC Michigan, the applicable SBC-owned doing business in Michigan.

1.17 SBC MIDWEST REGION 5-STATE - As used herein, SBC MIDWEST REGION 5-STATE means Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.18 SBC MISSOURI - As used herein, SBC MISSOURI means Southwestern Bell Telephone, L.P. d/b/a SBC Missouri, the applicable SBC-owned ILEC doing business in Missouri.

1.19 SBC NEVADA - As used herein, SBC NEVADA means Nevada Bell Telephone Company d/b/a SBC Nevada, the applicable SBC-owned ILEC doing business in Nevada.

1.20 SBC OHIO - As used herein, SBC OHIO means The Ohio Bell Telephone Company d/b/a SBC Ohio, the applicable SBC-owned ILEC doing business in Ohio.

1.21 SBC OKLAHOMA - As used herein, SBC OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a SBC Oklahoma, the applicable SBC-owned ILEC doing business in Oklahoma.

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

1.23 SBC TEXAS - As used herein, SBC TEXAS means Southwestern Bell Telephone, L.P. d/b/a SBC Texas, the applicable SBC-owned ILEC doing business in Texas.

1.24 SBC WISCONSIN - As used herein, SBC WISCONSIN means Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC doing business in Wisconsin.

2. SERVICES

2.1 Where technically feasible and/or available, SBC-13STATE will provide the following DA Services:

2.1.1 DIRECTORY ASSISTANCE (DA)

2.1.1.1 Consists of providing subscriber listing information (address, and published telephone number or an indication of "non-published status") for the home NPA and/or local/intraLATA serving area where available to CLEC's End Users who dial 411, 1/0+411, 555-1212, 1/0+555-1212, or 1/0+NPA-555-1212 or other dialing arrangement.

2.1.2 DIRECTORY ASSISTANCE CALL COMPLETION (DACC) or Express Call Completion (ECC)

2.1.2.1 A service in which a local or an intraLATA call to the requested number is completed on behalf of CLEC's End User, utilizing an automated voice system or with operator assistance.

2.1.3 NATIONAL DIRECTORY ASSISTANCE (NDA)

2.1.3.1 SBC-10STATE/SBC CALIFORNIA - A service whereby end users may request directory assistance information outside their LATA or Home NPA for a listed telephone number for residential, business and government accounts throughout the 50 states.

2.1.3.2 SBC NEVADA/SBC CONNECTICUT – NDA is not technically feasible and/or available.

2.1.4 BUSINESS CATEGORY SEARCH (BCS)

2.1.4.1 SBC SOUTHWEST REGION 5-STATE and SBC OHIO - A service which will provide CLEC End Users the ability to request business telephone number listings for a specified category of business, when the name of the business is not known. Telephone numbers may be requested for local and national businesses. A maximum of two requested telephone numbers will be provided for each BCS call. When this service is used in connection with Resale services the applicable wholesale discount will apply. When this service is used in connection with switched-based and facilities-based services, no discount will apply.

2.1.4.2 SBC INDIANA; SBC MICHIGAN; SBC ILLINOIS; SBC WISCONSIN – BCS is not available.

2.1.4.3 SBC-2STATE/SBC CONNECTICUT – BCS is not available.

2.1.5 REVERSE DIRECTORY ASSISTANCE (RDA)

2.1.5.1 SBC-10 STATE/SBC CALIFORNIA – An informational service. Consists of providing listed local and national name and address information associated with a telephone number that a CLEC End Users provides.

2.1.5.2 SBC NEVADA/SBC CONNECTICUT - RDA is not technically feasible and/or available.

3. DEFINITIONS

3.1 The following terms are defined as set forth below:

3.1.1 "Non-List Telephone Number or DA only Telephone Number" - A telephone number that, at the request of the telephone subscriber, is not published in a telephone directory, but is available from a DA operator.

3.1.2 "Non-Published Number" - A telephone number that, at the request of the telephone subscriber, is neither published in a telephone directory nor available from a DA operator.

3.1.3 "Published Number" - A telephone number that is published in a telephone directory and is available upon request by calling a DA operator.

4. CALL BRANDING

4.1 Call Branding is the procedure of identifying a provider's name audibly and distinctly to the End User at the beginning of each DA Services call.

4.1.1 Where technically feasible and/or available, SBC-13STATE will brand DA in CLEC's name based upon the criteria outlined below:

4.1.1.1 Where SBC-12STATE provides CLEC Operator Services (OS) and DA services via the same trunk, both the OS and DA calls will be branded with the same brand. Where SBC-12STATE is only providing DA service on behalf of the CLEC, the calls will be branded.

4.1.1.1.1 SBC CONNECTICUT – Where SBC CONNECTICUT provides Operator Services (OS) and DA services on behalf of CLEC, the CLEC must provide separate trunk groups for OS and DA. Each trunk group will require separate branding announcements. Where SBC CONNECTICUT is only providing DA service on behalf of the CLEC, the CLEC's calls will be branded.

4.1.1.2 CLEC name used in branding calls may be subject to Commission regulations and should match the name in which CLEC is doing business.

4.1.1.3 SBC-13STATE - CLEC will provide written specifications of its company name to be used by SBC-13STATE to create the CLEC's specific branding announcement for its DA calls in accordance with the process outlined in the Operator Services OS/DA Questionnaire (OSQ).

4.1.1.4 A CLEC purchasing SBC-13STATE Lawful unbundled local switching is responsible for maintaining CLEC's End User customer records in SBC-13STATE Line Information Database (LIDB) as described in Appendix LIDB. CLEC's failure to properly administer customer records in LIDB may result in branding errors.

4.1.1.5 Branding Load Charges:

4.1.1.5.1 SBC SOUTHWWEST REGION 5-STATE - An initial non-recurring charge applies per state, per brand, per Operator assistance switch, for the establishment of CLEC specific branding. An additional non-recurring charge applies per state, per brand, per Operator assistance switch for each subsequent change to the branding announcement. In addition, a per call charge applies for every DA call handled by SBC SOUTHWEST REGION 5-STATE on behalf of CLEC when such services are provided in conjunction with the purchase of SBC SOUTHWEST REGION 5-STATE Lawful unbundled local switching.

4.1.1.5.2 SBC-2STATE – An initial non-recurring charge applies per state, per brand, per Operator assistance switch, for the establishment of CLEC specific branding. An additional non-recurring charge applies per state, per brand, per Operator assistance switch for each subsequent change to the branding announcement.

4.1.1.5.3 SBC CONNECTICUT – An initial non-recurring charge applies per brand, per load, per Operator assistance switch for the establishment of CLEC specific branding. An additional non-recurring charge applies per brand, per load, per Operator assistance switch for each subsequent change to the branding announcement.

4.1.1.5.4 SBC MIDWEST REGION 5-STATE - An initial non-recurring charge applies per brand, per Operator Assistance Switch, per trunk group for the establishment of CLEC specific branding. In addition, a per call charge applies for every DA call handled by SBC MIDWEST REGION 5-STATE on behalf of CLEC when such services are provided in conjunction with the purchase of SBC MIDWEST REGION 5-STATE Lawful unbundled local switching. An additional non-recurring charge applies per brand, per Operator assistance switch, per trunk group for each subsequent change to the branding announcement.

4.1.1.5.5 Silent branding has the same requirements and rates as the audible brand as addressed in 4.1.1.5.

5. DIRECTORY ASSISTANCE (DA) REFERENCE/RATER INFORMATION

5.1 Reference/Rater Information are SBC databases referenced by an SBC Operator for CLEC DA specific information as provided by the CLEC such as it's business office, repair and DA rates.

5.1.1 Where technically feasible and/or available, SBC-12STATE will provide CLEC DA Reference/Rater information based upon the criteria outlined below:

5.1.1.1 CLEC will furnish DA Reference and Rater -information in accordance with the process outlined in the Operator Services Questionnaire (OSQ).

5.1.1.2 CLEC will inform SBC-12STATE via the Operator Services Questionnaire (OSQ) of any changes to be made to Reference/Rater information.

5.1.1.3 An initial non-recurring charge will apply per state, per Operator assistance switch for loading of CLEC's DA Reference/Rater information. An additional non-recurring charge will apply per state, per Operator assistance switch for each subsequent change to either the CLEC's DA Services Reference or Rater -information.

5.1.1.4 Where technically feasible and/or available, when an SBC-12STATE Operator receives a rate request from a CLEC End User, SBC-12STATE will quote the applicable DA rates as provided by CLEC or as otherwise defined below.

5.1.1.5 SBC CONNECTICUT - until technically feasible and/or available, when a SBC CONNECTICUT Operator receives a rate request from a CLEC end user, SBC CONNECTICUT will quote the surcharge rate only.

6. RESPONSIBILITIES OF THE PARTIES

6.1 CLEC agrees that due to customer quality and work force scheduling, SBC-13STATE will be the sole provider of DA Services for CLEC's local serving area(s) for a minimum of a one (1) year period.

6.2 CLEC will be responsible for providing the equipment and facilities necessary for signaling and routing calls with Automatic Number Identification (ANI) to each SBC-13STATE Operator assistance switch. Should CLEC seek to obtain interexchange DA Service from SBC-13STATE, CLEC is responsible for ordering the necessary facilities under the appropriate interstate or intrastate Access Service Tariffs. Nothing in this Agreement in any way changes the manner in which an interexchange Carrier obtains access service for the purpose of originating or terminating interexchange traffic.

6.3 Facilities necessary for the provision of DA Services shall be provided by the Parties hereto, using standard trunk traffic engineering procedures to insure that the objective grade of service is met. Each Party shall bear the costs for its own facilities and equipment.

6.4 CLEC will furnish to SBC-13STATE a completed OSQ thirty (30) calendar days in advance of the date when the DA Services are to be undertaken.

6.5 CLEC will provide SBC-13STATE updates to the OSQ fourteen (14) calendar days in advance of the date when changes are to become effective.

6.6 CLEC will send the DA listing records to SBC-13STATE for inclusion in SBC-13STATE DA database via electronic gateway as described in Appendix WP.

6.7 CLEC agrees that SBC-13STATE may utilize CLEC's End User's listings contained in SBC-13STATE directory assistance database in providing existing and future SBC-13STATE directory assistance or DA related services.

6.8 CLEC further agrees that SBC-13STATE can release CLEC's directory assistance listings stored in SBC-13STATE directory assistance database to competing providers.

7. METHODS AND PRACTICES

7.1 SBC-13STATE will provide DA Services to CLEC's End Users in accordance with SBC-13STATE DA methods and practices that are in effect at the time the DA call is made, unless otherwise agreed in writing by both parties.

8. PRICING

8.1 The prices at which SBC-13STATE agrees to provide CLEC with Directory Assistance Services are contained in the applicable Appendix Pricing and/or the applicable Commissioned ordered tariff where stated.

8.2 Beyond the specified term of this Appendix, SBC-13STATE may change the prices for the provision of DA Services upon one hundred-twenty (120) calendar days' notice to CLEC.

9. MONTHLY BILLING

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

9.2 SBC-13STATE will accumulate and provide CLEC such data as necessary for CLEC to bill its End Users.

10. LIABILITY

10.1 The provisions set forth in the General Terms and Conditions of this Agreement, including but not limited to those relating to limitation of liability and indemnification, shall govern performance under this Appendix.

10.2 CLEC also agrees to release, defend, indemnify, and hold harmless SBC-13STATE from any claim, demand or suit that asserts any infringement or invasion of privacy or confidentiality of any person or persons caused or claimed to be caused, directly, or indirectly, by SBC-13STATE employees and equipment associated with provision of DA Services, including but not limited to suits arising from disclosure of the telephone number, address, or name associated with the telephone called or the telephone used to call DA Services.

11. TERMS OF APPENDIX

11.1 This Appendix will continue in force for the length of the Interconnection Agreement, but no less than twelve (12) months. At the expiration of the term of the Interconnection Agreement to which this Appendix is attached, or twelve months, which ever occurs later, either Party may terminate this Appendix upon one hundred-twenty (120) calendar days written notice to the other Party.

11.2 If CLEC terminates this Appendix prior to the expiration of the term of this Appendix, CLEC shall pay SBC SOUTHWEST REGION 5-STATE, within thirty (30) days of the issuance of any bills by SBC-13STATE, all amounts due for actual services provided under this Appendix, plus estimated monthly charges for the unexpired portion of the term. Estimated charges will be based on an average of the actual monthly service provided by SBC-13STATE pursuant to this Appendix prior to its termination.

APPENDIX DIRECT

TABLE OF CONTENTS

1. INTRODUCTION 3
2. DEFINITIONS 4
3. SERVICE 5
4. RESPONSIBILITIES OF SBC-12STATE 5
5. RESPONSIBILITIES OF CLEC 6
6. RESPONSIBILITIES OF BOTH PARTIES 6
7. LIABILITY 6
8. BILLING 6
9. USE OF SUBSCRIBER LISTING INFORMATION 6
10. ASSIGNMENT 6
11. TERM OF CONTRACT AND RATE STRUCTURE 7

APPENDIX DIRECT
(DIRECT ACCESS AGREEMENT FOR LOCAL DIRECTORY ASSISTANCE LISTINGS)

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions for electronic access to the Directory Assistant data-base provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and CLEC.

1.1.1 Southern New England Telephone (SBC CONNECTICUT) will provide electronic access to its Directory Assistance (DA) database through the FCC 39 Access Tariff.

1.2 SBC Communications Inc. (SBC) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.3 SBC-2STATE - As used herein, SBC-2STATE means SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in California and Nevada.

1.4 SBC-4STATE - As used herein, SBC-4STATE means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, and SBC Oklahoma the applicable SBC-owned ILEC(s) doing business in Arkansas, Kansas, Missouri and Oklahoma.

1.5 SBC-7STATE - As used herein, SBC-7STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.6 SBC-8STATE - As used herein, SBC-8STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA, SBC NEVADA, and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.7 SBC-10STATE - As used herein, SBC-10STATE means SBC SOUTHWEST REGION 5-STATE and SBC MIDWEST REGION 5-STATE an the applicable SBC-owned ILEC(s) doing business in Arkansas, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Texas, and Wisconsin.

1.8 SBC-12STATE - As used herein, SBC-12STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE and SBC-2STATE the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.9 SBC-13STATE - As used herein, SBC-13STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE, SBC-2STATE and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.10 SBC ARKANSAS - As used herein, SBC ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, the applicable SBC-owned ILEC doing business in Arkansas.

1.11 SBC CALIFORNIA – As used herein, SBC CALIFORNIA means Pacific Bell Telephone Company d/b/a SBC California, the applicable SBC-owned ILEC doing business in California.

1.12 SBC CONNECTICUT - As used herein, SBC CONNECTICUT means The Southern New England Telephone Company d/b/a SBC Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.13 SBC KANSAS - As used herein, SBC KANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Kansas, the applicable SBC-owned ILEC doing business in Kansas.

1.14 SBC ILLINOIS - As used herein, SBC ILLINOIS means Illinois Bell Telephone Company d/b/a SBC Illinois, the applicable SBC-owned ILEC doing business in Illinois.

1.15 SBC INDIANA - As used herein, SBC INDIANA means Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, the applicable SBC-owned ILEC doing business in Indiana.

1.16 SBC MICHIGAN - As used herein, SBC MICHIGAN means Michigan Bell Telephone Company d/b/a SBC Michigan, the applicable SBC-owned doing business in Michigan.

1.17 SBC MIDWEST REGION 5-STATE - As used herein, SBC MIDWEST REGION 5-STATE means Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.18 SBC MISSOURI - As used herein, SBC MISSOURI means Southwestern Bell Telephone, L.P. d/b/a SBC Missouri, the applicable SBC-owned ILEC doing business in Missouri.

1.19 SBC NEVADA - As used herein, SBC NEVADA means Nevada Bell Telephone Company d/b/a SBC Nevada, the applicable SBC-owned ILEC doing business in Nevada.

1.20 SBC OHIO - As used herein, SBC OHIO means The Ohio Bell Telephone Company d/b/a SBC Ohio, the applicable SBC-owned ILEC doing business in Ohio.

1.21 SBC OKLAHOMA - As used herein, SBC OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a SBC Oklahoma, the applicable SBC-owned ILEC doing business in Oklahoma.

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

1.23 SBC TEXAS - As used herein, SBC TEXAS means Southwestern Bell Telephone, L.P. d/b/a SBC Texas, the applicable SBC-owned ILEC doing business in Texas.

1.24 SBC WISCONSIN - As used herein, SBC WISCONSIN means Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC doing business in Wisconsin.

1.25 The Prices at which SBC-13STATE agrees to provide electronic access to its Directory Assistance (DA) database are contained in the applicable Appendix Pricing and/or the applicable Commissioned ordered tariff where stated.

2. DEFINITIONS

2.1 "Automated Message Accounting" (AMA) – Billing detail recordings in the switch.

2.2 "Call Processing Data Link" (CPDL) - CPDL is a proprietary, licensable interface that utilizes a standard format message protocol for transport of messages between Directory One Call Control and a switching entity.

2.3 "Data Terminating Equipment" (DTE) - A terminal attached to a data network as an End User node.

2.4 "Nortel Digital Multiplexing Switch" (DMS 200) - DMS performs base call processing functions and supports service capabilities.

2.5 "IBM RISC 6000 Processor" – The IBM platform that enables database search capabilities.

2.6 "Nortel Directory One" (D1) - D1 offers directory search applications built on a standard operating software environment.

2.7 "Nortel Directory One Call Control" - Allows bi-directional call control capability between the TOPS switch and the D1 network.

2.8 "Electronic White Pages" (EWP) - EWP allows telephone companies to offer fully customized electronic directory assistance services for all types of users.

2.9 "Nortel Interactive Voice System" (IVS) - Peripheral off the switch that provides interactive audio.

2.10 "Nortel Multi Purpose Position" (MP, MPX or MPX-IWS) - Operator Workstations.

2.11 "Non-Published Number" (NP) - A telephone number that at the request of the telephone subscriber, is neither published in a telephone directory nor provided by an Operator.

2.12 "Operator Service Center" (OSC) - Physical location of the Operators/workstations.

2.13 "Published Number" - A telephone number that is published in a telephone directory and is available upon request by calling an SBC-12STATE DA Operator.

2.14 "Nortel Queue Management System" (QMS) - Supports up to 255 unique queues on calls to operator positions.

2.15 "Nortel Traffic Operating Position System" (TOPS) - Performs base call processing functions and support service capabilities.

2.16 "Nortel/IBM Protocol" – Allows communication between Nortel Switch and IBM database.

2.17 "IBM Platform" – Offers directory search applications built on a standard operating software environment.

3. SERVICE

3.1 Direct Access allows CLECs access to SBC-12STATE's Directory Assistance (DA) database (which includes residence, business, and government listings) for the sole purpose of providing DA to CLEC's End User. This service shall allow the CLEC to obtain listed name, address, zip code and telephone numbers, except that access to non-published telephone numbers or other information that the customer has asked to make unavailable is not allowed, with the exception of customer name and address SBC-12STATE will provide CLECs nondiscriminatory access to the same directory listing information available to its own directory assistance operators.

3.2 Where technically feasible and/or available, CLEC may receive Direct Access from SBC-12STATE's host switches via a CLEC Nortel DMS200 TOPS Host Switch, a LUCENT 5ESS OSPS switch or any other Operator assistance switch type with Call Processing Data Link (CDPL). CDPL is a proprietary, licensable interface that utilizes a standard format message protocol for transport of messages between Nortel Directory One Call Control and a switching entity. CPDL provides the protocol by which the CLEC switch may provide auto and offer DACC.

4. RESPONSIBILITIES OF SBC-12STATE

4.1 SBC-12STATE shall provide and maintain its own Directory Assistance platform equipment to furnish DA services to CLEC for all SBC-12STATE listings.

4.2 SBC-12STATE shall provide DA listings to CLEC from its current DA records and in accordance with SBC-12STATE's methods, practices, and procedures.

4.3 SBC-12STATE shall provide CLEC access to the same listing information that is available to its own operators.

4.4 SBC-12STATE shall maintain the same level of system performance for CLEC as it provides to itself.

5. RESPONSIBILITIES OF CLEC

5.1 CLEC shall submit requests for Direct Access in writing to SBC-12STATE. Requests for Direct Access will be pursuant to the Individual Case Basis (ICB) Process as outlined in the attached procedures.

5.2 When CLEC utilizes a switch other than those specified in TR-BX.25, the CLEC must obtain CPDL/D1 certification of their switch from NORTEL. The CLEC shall bear all costs of obtaining any vendor certification including payment of any applicable vendor license fees. SBC-7STATE shall supply Nortel D1 hardware and software; i.e., two (2) ADAX cards per 9,000 Busy Hour calls. SBC-7STATE shall bear the cost of this hardware and software, but the CLEC will be responsible for Engineering, Furnish and Installation charges.

5.2.1 SBC MIDWEST REGION 5-STATE – The IBM RISC 6000 does not support the CDPL technology.

6. RESPONSIBILITIES OF BOTH PARTIES

6.1 The CLEC providing the circuit between CLEC's office and SBC-12STATE's office shall make such circuits available for use in connection with the DA services covered herein. When the total traffic exceeds the capability of the existing circuits, additional circuits will be provided by the CLEC.

6.2 Where applicable, if additional ADAX cards and ASN Routers (with sync and token ring cards) are necessary, they will be provided by SBC-12STATE, and CLEC will reimburse SBC-12STATE for the cost, plus Engineering, Furnish and Installation.

7. LIABILITY

7.1 The limitation of liability and indemnification provisions of the Agreement shall govern performance under this Appendix CLEC also agrees to release, defend, indemnify, and hold harmless SBC-12STATE from any claim, demand or suit that asserts any infringement or invasion of privacy or confidentiality of any person or persons caused or claimed to be caused, directly, or indirectly, by SBC-12STATE employees and equipment associated with provision of the DA Services. This provision includes but is not limited to suits arising from disclosure of the telephone number, address, or name associated with the telephone called or the telephone used to call the DA Services.

8. BILLING

8.1 SBC-12STATE - For information regarding billing, non-payment, disconnection, and dispute resolution, see the General Terms and Conditions of this Agreement.

9. USE OF SUBSCRIBER LISTING INFORMATION

9.1 CLEC is authorized to use the subscriber listing information accessed and provided pursuant to this Appendix for the sole purpose of providing local DA for its own End User customers.

10. ASSIGNMENT

10.1 The subscriber listing information accessed shall remain the property of SBC-12STATE. CLEC shall not download, store, print or otherwise extract the DA listing information made available through Direct Access nor shall the CLEC authorize any other company or any person to use any subscriber listing information for any purpose. Each party shall take appropriate measures to guard against any unauthorized use of the listings provided to it hereunder, whether by the other party, its agents or employees.

11. TERM OF CONTRACT AND RATE STRUCTURE

11.1 Upon CLEC's request, and pursuant to the terms and conditions herein, SBC-12STATE will set rates and other appropriate criteria for provision of Direct Access to CLEC pursuant to the ICB process.

11.2 The following types of rates shall apply to Direct Access.

11.2.1 Service Establishment

11.2.1.1 CLEC shall pay a Direct Access Service Establishment Charge (a non-recurring charge) applied at the time a CLEC orders Direct Access.

11.2.2 Direct Access Database Service

11.2.2.1 CLEC shall pay a monthly recurring charge for Direct Access Database Service which provides for database security and administration and ongoing support.

11.2.3 Direct Access Per Search

11.2.3.1 Where applicable, CLEC shall pay a Direct Access Per Search charge for each CLEC subscriber listing search queried from SBC-12STATE's listing.

	A	B	C	D	E	F
1	**Product Type**	**Rate Element Description**	**USOC**	**Current Monthly Recurring Rate**	**Current Non-Recurring Rate (Initial)**	**Current Non-Recurring Rate (Additional)**
2	**CLEC-PROVISIONED FACILITIES & EQUIPMENT: CAGED**					
3	**REAL ESTATE**					
4	Site Conditioning	Per Sq. Ft. of space used by CLEC	**S8FWB**		$9.28	
5	Safety & Security	Per Sq. Ft. of space used by CLEC	**S8F4N**		$19.56	
6	Floor Space Usage	Per Sq. Ft. of space used by CLEC	**S8F4L**	$5.97		
7	**COMMON SYSTEMS**					
8	Common Systems - Cage	Per Sq. Ft. of space used by CLEC	**S8F4A**	$0.44	$59.86	
9	**PLANNING**					
10	Planning - Central Office	Per Sq. Ft. of space used by CLEC	**S8GCA**	$0.09	$7.55	
11	Planning	Per Request	**NRFCD**		$5,244.43	
12	Planning - Subsequent Inter. Cabling	Per Request	**NRFCE**		$2,267.04	
13	Planning - Subsequent Power Cabling	Per Request	**NRFCF**		$2,306.10	
14	Planning - Subs. Inter./Power Cabling	Per Request	**NRFCG**		$2,884.60	
15	Planning - Non-Standard	Per Request	**NRFCH**		$1,436.00	
16	**POWER PROVISIONING**					
17	**Power Panel:**					
18	50 Amp	Per Power Panel (CLEC Provided)	**NONE**			
19	200 Amp	Per Power Panel (CLEC Provided)	**NONE**			
20	**Power Cable and Infrastructure:**					
21	Power Cable Rack	Per Four Power Cables or Quad	**NONE**			
22	2-20 Amp Feeds	Per 2-20 Amp Power Feeds (CLEC Provided)	**S8GF1**	0.25	48.23	
23	2-50 Amp Feeds	Per 2-50 Amp Power Feeds (CLEC Provided)	**S8GF2**	0.25	48.23	
24	2-100 Amp Feeds	Per 2-100 Amp Power Feeds (CLEC Provided)	**S8GF3**	0.25	48.23	
25	**Equipment Grounding:**					
26	Ground Cable Placement	Per Sq. Ft. of space used by CLEC	**S8FCR**	$0.03	$0.92	
27	**DC POWER AMPERAGE CHARGE**					
28	HVAC	Per 10 Amps	**S8GCS**	$14.62		
29	Per Amp	Per Amp	**S8GCR**	$10.61		
30	**FIBER CABLE PLACEMENT**					
31	**Central Office:**					
32	Fiber Cable	Per Fiber Cable Sheath (CLEC Vendor Pulls Cable)	**S8FQ9**	$4.85	$809.13	
33	Entrance Conduit	Per Fiber Cable Sheath	**S8FW5**	$8.76		
34	**MISCELLANEOUS & OPTIONAL COST:**					
35	**MISCELLANEOUS COSTS**					
36	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8F45**	$0.08	$14.81	
37	Bits Timing	Per two circuits	**S8FQT**	$3.58	$698.82	
38	Space Availability Report	Per Premise	**NRFCQ**		$168.04	
39	Security Access / ID Cards	Per Five Cards	**NRFCM**		$123.35	
40	Security Access / ID Cards/Expedite	Per Five Cards	**NRFCN**		$203.35	
41	**CAGE COMMON COSTS**					
42	AC Circuit Placement	Per Sq. Ft. (CLEC provides cage)	**NRL6O**		$5.29	
43	**INTERCONNECTION COSTS:**					
44	**ILEC TO CLEC CONNECTION**					
45	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	**S8F48**	$3.86	$156.02	
46	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	**S8FWU**	$3.86	$156.02	
47	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	**S8FQM**	$295.42	$3,105.79	
48	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	**S8F46**	$6.07	$486.89	
49	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	**S8F47**	$115.30	$1,809.40	
50	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	**S8FQN**	$5.69	$116.67	
51	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	**S8FQR**	$3.76	$495.49	
52	**CLEC TO CLEC CONNECTION**					
53	Cable Racking and Hole for Optical	Per Cable	**S8GFE**	$0.82		
54	Cable Racking and Hole for DS1	Per Cable	**S8GFF**	$0.57		
55	Cable Racking and Hole for DS3	Per Cable	**S8GFG**	$0.50		
56	Route Design		**NRFCX**		$424.88	
57	Connection for DS1	Per 28 Circuits (CLEC provides cable)	**S8GFH**	$0.18		
58	Connection for DS3	Per Circuit (CLEC provides cable)	**S8GFJ**	$0.12		
59	Connection for Optical	Per Cable (CLEC provides cable)	**S8GFK**	$0.31		
60	**TIME SENSITIVE ACTIVITIES**					
61	**PRE-VISITS**					
62	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCR**		$23.23	
63	Comm. Tech - Craft	Per 1/4 Hour	**NRFCS**		$19.60	
64	CO Manager - 1st Level	Per 1/4 Hour	**NRFCT**		$19.72	
65	Floor Space Planning - 1st Level	Per 1/4 Hour	**NRFCU**		$19.24	
66	**CONSTRUCTION VISITS**					
67	Project Manager - 1st Level	Per 1/4 Hour	**NRFCV**		$19.24	
68	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCZ**		$23.23	
69	**RSM Option**					
70	Additional Dedicated HVAC Charge	per request	**NRFCL**		$3,100.00	
71	Dedicated power Plant Floor Space	per request	**S8GCQ**	$394.00		

	A	B	C	D	E	F
1	**Product Type**	**Rate Element Description**	**USOC**	**Current Monthly Recurring Rate**	**Current Non-Recurring Rate (Initial)**	**Current Non-Recurring Rate (Additional)**
72						
73	**SBC-PROVISIONED FACILITIES & EQUIPMENT: CAGED**					
74	**REAL ESTATE**					
75	Site Conditioning	Per Sq. Ft. of space used by CLEC	**S8GCE**		$9.28	
76	Safety & Security	Per Sq. Ft. of space used by CLEC	**S8GCF**		$19.56	
77	Floor Space Usage	Per Sq. Ft. of space used by CLEC	**S8GCD**	$5.97		
78	**COMMON SYSTEMS**					
79	Common Systems - Cage	Per Sq. Ft. of space used by CLEC	**S8GCG**	$0.44	$59.86	
80	**PLANNING**					
81	Planning - Central Office	Per Sq. Ft. of space used by CLEC	**S8GCA**	$0.09	$7.55	
82	Planning	Per Request	**NRFCD**		$5,244.43	
83	Planning - Subsequent Inter. Cabling	Per Request	**NRFCE**		$2,267.04	
84	Planning - Subsequent Power Cabling	Per Request	**NRFCF**		$2,306.10	
85	Planning - Subs. Inter./Power Cabling	Per Request	**NRFCG**		$2,884.60	
86	Planning - Non-Standard	Per Request	**NRFCH**		$1,436.00	
87	**POWER PROVISIONING**					
88	**Power Panel:**					
89	50 Amp	Per Power Panel	**S8GC8**	$15.77	$3,079.47	
90	200 Amp	Per Power Panel	**S8GC9**	$18.75	$3,659.46	
91	**Power Cable and Infrastructure:**					
92	2-20 Amp Feeds	Per 2-20 Amp Power Feeds	**S8GCU**	$7.74	$1,570.84	
93	2-50 Amp Feeds	Per 2-50 Amp Power Feeds	**S8GCV**	$9.57	$1,954.85	
94	2-100 Amp Feeds	Per 2-100 Amp Power Feeds	**S8GCW**	$11.39	$2,344.44	
95	**Equipment Grounding:**					
96	Ground Cable Placement	Per Sq. Ft. of space used by CLEC	**S8GDA**	$0.03	$0.92	
97	**DC POWER AMPERAGE CHARGE**					
98	HVAC	Per 10 Amps	**S8GCS**	$14.62		
99	Per Amp	Per Amp	**S8GCR**	$10.61		
100	**FIBER CABLE PLACEMENT**					
101	**Central Office:**					
102	Fiber Cable	Per Fiber Cable Sheath	**S8GDE**	$4.85	$1,619.88	
103	Entrance Conduit to Vault	Per Fiber Cable Sheath	**S8GDD**	$8.76		
104	**MISCELLANEOUS & OPTIONAL COST:**					
105	**MISCELLANEOUS COSTS**					
106	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8GEK**	$0.08	$14.81	
107	Bits Timing	Per two circuits	**S8GEJ**	$3.58	$698.82	
108	Space Availability Report	Per Premise	**NRFCQ**		$168.04	
109	Security Access / ID Cards	Per Five Cards	**NRFCM**		$123.35	
110	Security Access / ID Cards/Expedite	Per Five Cards	**NRFCN**		$203.35	
111	**CAGE COMMON COSTS**					
112	Cage Preparation	Per Sq. Ft. of space used by CLEC	**S8GCH**	$0.27	$19.70	
113	**INTERCONNECTION COSTS:**					
114	**ILEC TO CLEC CONNECTION**					
115	Voice Grade Arrangement	100 Copper Pairs	**S8GD4**	$4.92	$1,027.16	
116	Voice Grade Arrangement	100 Shielded Pairs	**S8GD5**	$4.92	$1,027.16	
117	DS1 Arrangement - DCS	28 DS1	**S8GDK**	$297.44	$3,613.06	
118	DS1 Arrangement - DSX	28 DS1	**S8GDP**	$9.79	$1,346.48	
119	DS3 Arrangement - DCS	1 DS3	**S8GDV**	$115.58	$2,181.58	
120	DS3 Arrangement - DSX	1 DS3	**S8GDZ**	$7.14	$603.89	
121	Fiber Arrangement	12 Fiber Pairs (24 Fiber strands)	**S8GED**	$6.55	$1,779.78	
122	**CLEC TO CLEC CONNECTION**					
123	Cable Racking and Hole for Optical	Per Cable	**S8GFE**	$0.82		
124	Cable Racking and Hole for DS1	Per Cable	**S8GFF**	$0.57		
125	Cable Racking and Hole for DS3	Per Cable	**S8GFG**	$0.50		
126	Route Design		**NRFCX**		$424.88	
127	Connection for DS1	Per 28 Circuits	**S8GFC**	$1.41	$982.35	
128	Connection for DS3	Per Circuit	**S8GFD**	$1.30	$433.86	
129	Connection for Optical (Fiber)	Per Cable	**S8GFB**	$1.38	$1,404.07	
130	**TIME SENSITIVE ACTIVITIES**					
131	**PRE-VISITS**					
132	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCR**		$23.23	
133	Comm. Tech - Craft	Per 1/4 Hour	**NRFCS**		$19.60	
134	CO Manager - 1st Level	Per 1/4 Hour	**NRFCT**		$19.72	
135	Floor Space Planning - 1st Level	Per 1/4 Hour	**NRFCU**		$19.24	
136	**CONSTRUCTION VISITS**					
137	Project Manager - 1st Level	Per 1/4 Hour	**NRFCV**		$19.24	
138	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCZ**		$23.23	
139	**RSM Option**					
140	Additional Dedicated HVAC Charge	Per Request	**NRFCL**		$3,100.00	
141	Dedicated power Plant FLoor Space	Per Request	**S8GCQ**	$394.00		
142						

	A	B	C	D	E	F
1	**Product Type**	**Rate Element Description**	**USOC**	**Current Monthly Recurring Rate**	**Current Non-Recurring Rate (Initial)**	**Current Non-Recurring Rate (Additional)**
143	**CLEC-PROVISIONED FACILITIES & EQUIPMENT: CAGELESS**					
144	**REAL ESTATE**					
145	Site Conditioning	Per Frame (Standard Bay=10 sq ft)	**S8FWC**		$92.81	
146	Safety & Security	Per Frame (Standard Bay=10 sq ft)	**S8FWG**		$195.57	
147	Floor Space Usage	Per Frame (Standard Bay=10 sq ft)	**S8F9C**	$64.21		
148	**COMMON SYSTEMS**					
149	Common Systems - Cageless	Per Frame (Standard Bay=10 sq ft)	**S8FWE**	$9.35	$760.45	
150	**PLANNING**					
151	Planning - Central Office	Per Frame (Standard Bay=10 sq ft)	**S8GCB**	$1.13	$75.54	
152	Planning	Per Request	**NRFCJ**		$4,601.93	
153	Planning - Subsequent Inter. Cabling	Per Request	**NRFCE**		$2,267.04	
154	Planning - Subsequent Power Cabling	Per Request	**NRFCF**		$2,306.10	
155	Planning - Subs. Inter./Power Cabling	Per Request	**NRFCG**		$2,884.60	
156	Planning - Non-Standard	Per Request	**NRFCH**		$1,436.00	
157	**POWER PROVISIONING**					
158	**Power Panel:**					
159	50 Amp	Per Power Panel (CLEC Provided)	**NONE**			
160	200 Amp	Per Power Panel (CLEC Provided)	**NONE**			
161	**Power Cable and Infrastructure:**					
162	Power Cable Rack	Per Four Power Cables or Quad	**NONE**			
163	2-20 Amp Feeds	Per 2-20 Amp Power Feeds (CLEC Provided)	**S8GF1**	0.25	48.23	
164	2-50 Amp Feeds	Per 2-50 Amp Power Feeds (CLEC Provided)	**S8GF2**	0.25	48.23	
165	2-100 Amp Feeds	Per 2-100 Amp Power Feeds (CLEC Provided)	**S8GF3**	0.25	48.23	
166	**Equipment Grounding:**					
167	Ground Cable Placement	Per Frame	**S8GDB**	$0.33	$15.32	
168	**DC POWER AMPERAGE CHARGE**					
169	HVAC	Per 10 Amps	**S8GCS**	$14.62		
170	Per Amp	Per Amp	**S8GCR**	$10.61		
171	CEV, HUT & Cabinets	Per 2 inch mounting space	**S8GCT**	$1.27		
172	**FIBER CABLE PLACEMENT**					
173	**Central Office:**					
174	Fiber Cable	Per Fiber Cable Sheath (CLEC Vendor Pulls Cable)	**S8FQ9**	$4.85	$809.13	
175	Entrance Conduit	Per Fiber Cable Sheath	**S8FW5**	$8.76		
176	**CEV, HUT & Cabinets:**					
177	Fiber Cable Placement	Per Fiber Cable Sheath	**S8GDH**		$53.58	
178	Entrance Conduit	Per Fiber Cable Sheath	**S8GDJ**	$2.61		
179	**MISCELLANEOUS & OPTIONAL COST:**					
180	**MISCELLANEOUS COSTS**					
181	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8F45**	$0.08	$14.81	
182	Bits Timing	Per two circuits	**S8FQT**	$3.58	$698.82	
183	Space Availability Report	Per Premise	**NRFCQ**		$168.04	
184	Security Access / ID Cards	Per Five Cards	**NRFCM**		$123.35	
185	Security Access / ID Cards/Expedite	Per Five Cards	**NRFCN**		$203.35	
186	**CAGELESS / POT BAY OPTIONS**					
187	Standard Equipment Bay	Each (CLEC Provided)	**NONE**			
188	Non-Standard Cabinet Bay	Each (CLEC Provided)	**NONE**			
189	VF/DS0 Termination Panel	Each (CLEC Provided)	**NONE**			
190	VF/DS0 Termination Module	Each (CLEC Provided)	**NONE**			
191	DDP-1 Panel	Each (CLEC Provided)	**NONE**			
192	DDP-1 Jack Access Card	Each (CLEC Provided)	**NONE**			
193	DS3/STS-1 Interconnect Panel	Each (CLEC Provided)	**NONE**			
194	DS3 Interconnect Module	Each (CLEC Provided)	**NONE**			
195	Fiber Optic Splitter Panel	Each (CLEC Provided)	**NONE**			
196	Fiber Termination Dual Module	Each (CLEC Provided)	**NONE**			
197	**CEV, HUT, CABINET**					
198	24 Foot CEV	2 Inch Mounting Space	**S8GE3**	$1.64		
199	16 Foot CEV	2 Inch Mounting Space	**S8GE4**	$1.77		
200	Maxi-Hut	2 Inch Mounting Space	**S8GE1**	$0.77		
201	Mini-Hut	2 Inch Mounting Space	**S8GE2**	$1.33		
202	Large Cabinet	2 Inch Mounting Space	**S8GEX**	$1.63		
203	Medium Cabinet	2 Inch Mounting Space	**S8GEY**	$2.19		
204	Small Cabinet	2 Inch Mounting Space	**S8GEZ**	$3.29		
205	**INTERCONNECTION COSTS:**					
206	**ILEC TO CLEC CONNECTION**					
207	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	**S8F3E**	$3.86	$156.02	
208	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	**S8FWV**	$3.86	$156.02	
209	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	**S8F2J**	$295.42	$3,105.79	
210	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	**S8F2P**	$6.07	$486.89	
211	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	**S8F21**	$115.30	$1,809.40	
212	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	**S8F25**	$5.69	$116.67	
213	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	**S8F49**	$3.76	$495.49	

	A	B	C	D	E	F
1	**Product Type**	**Rate Element Description**	**USOC**	**Current Monthly Recurring Rate**	**Current Non-Recurring Rate (Initial)**	**Current Non-Recurring Rate (Additional)**
214	**CLEC TO CLEC CONNECTION**					
215	Cable Racking and Hole for Optical	Per Cable	**S8GFE**	$0.82		
216	Cable Racking and Hole for DS1	Per Cable	**S8GFF**	$0.57		
217	Cable Racking and Hole for DS3	Per Cable	**S8GFG**	$0.50		
218	Route Design		**NRFCX**		$424.88	
219	Connection for DS1	Per 28 Circuits (CLEC provides cable)	**S8GFL**	$0.18	$0.00	
220	Connection for DS3	Per Circuit (CLEC provides cable)	**S8GFM**	$0.12	$0.00	
221	Connection for Optical	Per Cable (CLEC provides cable)	**S8GFN**	$0.31	$0.00	
222	**PROJECT MANAGEMENT**					
223	**CEV, HUT & CABINET**					
224	Project Coordination	Per CLEC Application	**NRFCK**		$631.17	
225	**TIME SENSITIVE ACTIVITIES**					
226	**PRE-VISITS**					
227	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCR**		$23.23	
228	Comm. Tech - Craft	Per 1/4 Hour	**NRFCS**		$19.60	
229	CO Manager - 1st Level	Per 1/4 Hour	**NRFCT**		$19.72	
230	Floor Space Planning - 1st Level	Per 1/4 Hour	**NRFCU**		$19.24	
231	**CONSTRUCTION VISITS**					
232	Project Manager - 1st Level	Per 1/4 Hour	**NRFCV**		$19.24	
233	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCZ**		$23.23	
234						
235	**SBC-PROVISIONED FACILITIES & EQUIPMENT: CAGELESS**					
236	**REAL ESTATE**					
237	Site Conditioning	Per Frame (Standard Bay=10 sq ft)	**S8GCL**		$92.81	
238	Safety & Security	Per Frame (Standard Bay=10 sq ft)	**S8GCN**		$195.57	
239	Floor Space Usage	Per Frame (Standard Bay=10 sq ft)	**S8GCK**	$64.21		
240	**COMMON SYSTEMS**					
241	Common Systems - Cageless	Per Frame (Standard Bay=10 sq ft)	**S8GCM**	$9.35	$760.45	
242	**PLANNING**					
243	Planning - Central Office	Per Frame (Standard Bay=10 sq ft)	**S8GCB**	$1.13	$75.54	
244	Planning	Per Request	**NRFCJ**		$4,601.93	
245	Planning - Subsequent Inter. Cabling	Per Request	**NRFCE**		$2,267.04	
246	Planning - Subsequent Power Cabling	Per Request	**NRFCF**		$2,306.10	
247	Planning - Subs. Inter./Power Cabling	Per Request	**NRFCG**		$2,884.60	
248	Planning - Non-Standard	Per Request	**NRFCH**		$1,436.00	
249	**POWER PROVISIONING**					
250	**Power Panel:**					
251	50 Amp	Per Power Panel	**S8GC8**	$15.77	$3,079.47	
252	200 Amp	Per Power Panel	**S8GC9**	$18.75	$3,659.46	
253	**Power Cable and Infrastructure:**					
254	2-20 Amp Feeds	Per 2-20 Amp Power Feeds	**S8GCX**	$7.74	$2,262.52	
255	2-50 Amp Feeds	Per 2-50 Amp Power Feeds	**S8GCY**	$9.57	$2,749.10	
256	2-100 Amp Feeds	Per 2-100 Amp Power Feeds	**S8GCZ**	$11.39	$3,236.32	
257	**Equipment Grounding:**					
258	Ground Cable Placement	Per Frame	**S8GDB**	$0.33	$15.32	
259	**DC POWER AMPERAGE CHARGE**					
260	HVAC	Per 10 Amps	**S8GCS**	$14.62		
261	Per Amp	Per Amp	**S8GCR**	$10.61		
262	CEV, HUT & Cabinets	Per 2 inch mounting space	**S8GCT**	$1.27		
263	**FIBER CABLE PLACEMENT**					
264	**Central Office:**					
265	Fiber Cable	Per Fiber Cable Sheath	**S8GDE**	$4.85	$1,619.88	
266	Entrance Conduit	Per Fiber Cable Sheath	**S8GDD**	$8.76		
267	**CEV, HUT & Cabinets:**					
268	Fiber Cable Placement	Per Fiber Cable Sheath	**S8GDH**		$53.58	
269	Entrance Conduit	Per Fiber Cable Sheath	**S8GDJ**	$2.61		
270	**MISCELLANEOUS & OPTIONAL COST:**					
271	**MISCELLANEOUS COSTS**					
272	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8GEK**	$0.08	$14.81	
273	Bits Timing	Per two circuits	**S8GEJ**	$3.58	$698.82	
274	Space Availability Report	Per Premise	**NRFCQ**		$168.04	
275	Security Access / ID Cards	Per Five Cards	**NRFCM**		$123.35	
276	Security Access / ID Cards/Expedite	Per Five Cards	**NRFCN**		$203.35	
277	**CAGELESS / POT BAY OPTIONS**					
278	Standard Equipment Bay	Each	**NRFCO**	$8.89	$721.28	
279	Non-Standard Cabinet Bay	Each	**NRFCP**	$17.78	$3,470.81	
280	VF/DS0 Termination Panel/Module	Each	**S8GE5**	$3.10	$605.64	
281	DDP-1 Panel/Jack Access Card	Each	**S8GE6**	$8.08	$1,576.65	
282	DS3/STS-1 Interconnect Panel	Each	**S8GE7**	$2.38	$465.47	
283	DS3 Interconnect Module	Each	**S8GE8**	$0.45	$87.35	
284	Fiber Optic Splitter Panel	Each	**S8GE9**	$1.52	$297.00	
285	Fiber Termination Dual Module	Each	**S8GFA**	$1.37	$267.88	

	A	B	C	D	E	F
1	**Product Type**	**Rate Element Description**	**USOC**	**Current Monthly Recurring Rate**	**Current Non-Recurring Rate (Initial)**	**Current Non-Recurring Rate (Additional)**
286	**CEV, HUT, CABINET**					
287	24 Foot CEV	2 Inch Mounting Space	**S8GE3**	$1.64		
288	16 Foot CEV	2 Inch Mounting Space	**S8GE4**	$1.77		
289	Maxi-Hut	2 Inch Mounting Space	**S8GE1**	$0.77		
290	Mini-Hut	2 Inch Mounting Space	**S8GE2**	$1.33		
291	Large Cabinet	2 Inch Mounting Space	**S8GEX**	$1.63		
292	Medium Cabinet	2 Inch Mounting Space	**S8GEY**	$2.19		
293	Small Cabinet	2 Inch Mounting Space	**S8GEZ**	$3.29		
294	**INTERCONNECTION COSTS:**					
295	**ILEC TO CLEC CONNECTION**					
296	Voice Grade Arrangement	100 Copper Pairs	**S8GD6**	$4.92	$1,027.16	
297	Voice Grade Arrangement	100 Shielded Pairs	**S8GD7**	$4.92	$1,027.16	
298	DS1 Arrangement - DCS	28 DS1	**S8GDL**	$297.44	$3,613.06	
299	DS1 Arrangement - DSX	28 DS1	**S8GDQ**	$9.79	$1,346.48	
300	DS3 Arrangement - DCS	1 DS3	**S8GDW**	$115.58	$2,181.58	
301	DS3 Arrangement - DSX	1 DS3	**S8GD1**	$7.14	$603.89	
302	Fiber Arrangement	12 Fiber Pairs (24 Fiber Strands)	**S8GEE**	$6.55	$1,779.78	
303	**CLEC TO CLEC CONNECTION**					
304	Cable Racking and Hole for Optical	Per Cable	**S8GFE**	$0.82		
305	Cable Racking and Hole for DS1	Per Cable	**S8GFF**	$0.57		
306	Cable Racking and Hole for DS3	Per Cable	**S8GFG**	$0.50		
307	Route Design		**NRFCX**		$424.88	
308	Connection for DS1	Per 28 Circuits	**S8GFC**	$1.41	$982.35	
309	Connection for DS3	Per Circuit	**S8GFD**	$1.30	$433.86	
310	Connection for Optical (Fiber)	Per Cable	**S8GFB**	$1.38	$1,404.07	
311	**PROJECT MANAGEMENT**					
312	**CEV, HUT & CABINET**					
313	Project Coordination	Per CLEC Application	**NRFCK**		$631.17	
314	**TIME SENSITIVE ACTIVITIES**					
315	**PRE-VISITS**					
316	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCR**		$23.23	
317	Comm. Tech - Craft	Per 1/4 Hour	**NRFCS**		$19.60	
318	CO Manager - 1st Level	Per 1/4 Hour	**NRFCT**		$19.72	
319	Floor Space Planning - 1st Level	Per 1/4 Hour	**NRFCU**		$19.24	
320	**CONSTRUCTION VISITS**					
321	Project Manager - 1st Level	Per 1/4 Hour	**NRFCV**		$19.24	
322	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	**NRFCZ**		$23.23	
323						
324	**CLEC-PROVISIONED FACILITIES & EQUIPMENT: CAGED COMMON**					
325	**REAL ESTATE**					
326	Site Conditioning	Per Frame (Standard Bay=10 sq ft)	**S8FWC**		$92.81	
327	Safety & Security	Per Frame (Standard Bay=10 sq ft)	**S8FWG**		$195.57	
328	Floor Space Usage	Per Linear Foot	**S8GCO**	$24.87		
329	**COMMON SYSTEMS**					
330	Common Systems - Common	Per Linear Foot	**S8GCP**	$3.62	$294.37	
331	**PLANNING**					
332	Planning - Central Office	Per Linear Foot	**S8GCC**	$0.44	$29.24	
333	Planning	Per Request	**NRFCJ**		$4,601.93	
334	Planning - Subsequent Inter. Cabling	Per Request	**NRFCE**		$2,267.04	
335	Planning - Subsequent Power Cabling	Per Request	**NRFCF**		$2,306.10	
336	Planning - Subs. Inter./Power Cabling	Per Request	**NRFCG**		$2,884.60	
337	Planning - Non-Standard	Per Request	**NRFCH**		$1,436.00	
338	**POWER PROVISIONING**					
339	**Power Panel:**					
340	50 Amp	Per Power Panel (CLEC provides)	**NONE**			
341	200 Amp	Per Power Panel (CLEC provides)	**NONE**			
342	**Power Cable and Infrastructure:**					
343	Power Cable Rack	Per Four Power Cables or Quad	**NONE**			
344	2-20 Amp Feeds	Per 2-20 Amp Power Feeds (CLEC Provided)	**S8GF1**	$0.25	$48.23	
345	2-50 Amp Feeds	Per 2-50 Amp Power Feeds (CLEC Provided)	**S8GF2**	$0.25	$48.23	
346	2-100 Amp Feeds	Per 2-100 Amp Power Feeds (CLEC Provided)	**S8GF3**	$0.25	$48.23	
347	**Equipment Grounding:**					
348	Ground Cable Placement	Per Linear Foot	**S8GDC**	$0.13	$5.93	
349	**DC POWER AMPERAGE CHARGE**					
350	HVAC	Per 10 Amps	**S8GCS**	$14.62		
351	Per Amp	Per Amp	**S8GCR**	$10.61		
352	**FIBER CABLE PLACEMENT**					
353	**Central Office:**					
354	Fiber Cable	Per Fiber Cable Sheath (CLEC Vendor Pulls Cable)	**S8FQ9**	$4.85	$809.13	
355	Entrance Conduit	Per Fiber Cable Sheath	**S8FW5**	$8.76		

	A	B	C	D	E	F
1	**Product Type**	**Rate Element Description**	**USOC**	**Current Monthly Recurring Rate**	**Current Non-Recurring Rate (Initial)**	**Current Non-Recurring Rate (Additional)**
356	**MISCELLANEOUS & OPTIONAL COST:**					
357	**MISCELLANEOUS COSTS**					
358	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8F45**	$0.08	$14.81	
359	Bits Timing	Per two circuits	**S8FQT**	$3.58	$698.82	
360	Space Availability Report	Per Premise	**NRFCQ**		$168.04	
361	Security Access / ID Cards	Per Five Cards	**NRFCM**		$123.35	
362	Security Access / ID Cards/Expedite	Per Five Cards	**NRFCN**		$203.35	
363	**CAGE COMMON COSTS**					
364	Cage Preparation	Per Linear Foot	**S8GCJ**	$1.00	$157.00	
365	**INTERCONNECTION COSTS:**					
366	**ILEC TO CLEC CONNECTION**					
367	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	**S8F3E**	$3.86	$156.02	
368	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	**S8FWV**	$3.86	$156.02	
369	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	**S8F2J**	$295.42	$3,105.79	
370	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	**S8F2P**	$6.07	$486.89	
371	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	**S8F21**	$115.30	$1,809.40	
372	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	**S8F25**	$5.69	$116.67	
373	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	**S8F49**	$3.76	$495.49	
374	**RSM Option**					
375	Additional Dedicated HVAC Charge	per request	**NRFCL**		$3,100.00	
376	Dedicated power Plant Floor Space	per request	**S8GCQ**	$394.00		
377						
378	**SBC-PROVISIONED FACILITIES & EQUIPMENT: CAGED COMMON**					
379	**REAL ESTATE**					
380	Site Conditioning	Per Bay	**S8GCL**		$92.81	
381	Safety & Security	Per Frame	**S8GCN**		$195.57	
382	Floor Space Usage	Per Linear Foot	**S8GCO**	$24.87		
383	**COMMON SYSTEMS**					
384	Common Systems - Common	Per Linear Foot	**S8GCP**	$3.62	$294.37	
385	**PLANNING**					
386	Planning - Central Office	Per Linear Foot	**S8GCC**	$0.44	$29.24	
387	Planning	Per Request	**NRFCJ**		$4,601.93	
388	Planning - Subsequent Inter. Cabling	Per Request	**NRFCE**		$2,267.04	
389	Planning - Subsequent Power Cabling	Per Request	**NRFCF**		$2,306.10	
390	Planning - Subs. Inter./Power Cabling	Per Request	**NRFCG**		$2,884.60	
391	Planning - Non-Standard	Per Request	**NRFCH**		$1,436.00	
392	**POWER PROVISIONING**					
393	**Power Panel:**					
394	50 Amp	Per Power Panel	**S8GC8**	$15.77	$3,079.47	
395	200 Amp	Per Power Panel	**S8GC9**	$18.75	$3,659.46	
396	**Power Cable and Infrastructure:**					
397	2-20 Amp Feeds	Per 2-20 Amp Power Feeds	**S8GC1**	$7.74	$1,570.84	
398	2-50 Amp Feeds	Per 2-50 Amp Power Feeds	**S8GC2**	$9.57	$1,954.85	
399	2-100 Amp Feeds	Per 2-100 Amp Power Feeds	**S8GC3**	$11.39	$2,344.44	
400	**Equipment Grounding:**					
401	Ground Cable Placement	Per Linear Foot	**S8GDC**	$0.13	$5.93	
402	**DC POWER AMPERAGE CHARGE**					
403	HVAC	Per 10 Amps	**S8GCS**	$14.62		
404	Per Amp	Per Amp	**S8GCR**	$10.61		
405	**FIBER CABLE PLACEMENT**					
406	**Central Office:**					
407	Fiber Cable	Per Fiber Cable Sheath	**S8GDE**	$4.85	$1,619.88	
408	Entrance Conduit	Per Fiber Cable Sheath	**S8GDD**	$8.76		
409	**MISCELLANEOUS & OPTIONAL COST:**					
410	**MISCELLANEOUS COSTS**					
411	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8GEK**	$0.08	$14.81	
412	Bits Timing	Per two circuits	**S8GEJ**	$3.58	$698.82	
413	Space Availability Report	Per Premise	**NRFCQ**		$168.04	
414	Security Access / ID Cards	Per Five Cards	**NRFCM**		$123.35	
415	Security Access / ID Cards/Expedite	Per Five Cards	**NRFCN**		$203.35	
416	**CAGE COMMON COSTS**					
417	Cage Preparation	Per Linear Foot	**S8GCJ**	$1.00	$157.00	
418	**INTERCONNECTION COSTS:**					
419	**ILEC TO CLEC CONNECTION**					
420	Voice Grade Arrangement	100 Copper Pairs	**S8GD8**	$4.92	$1,027.16	
421	Voice Grade Arrangement	100 Shielded Pairs	**S8GD9**	$4.92	$1,027.16	
422	DS1 Arrangement - DCS	28 DS1	**S8GDM**	$297.44	$3,613.06	
423	DS1 Arrangement - DSX	28 DS1	**S8GDR**	$9.79	$1,346.48	
424	DS3 Arrangement - DCS	1 DS3	**S8GDX**	$115.58	$2,181.58	
425	DS3 Arrangement - DSX	1 DS3	**S8GD2**	$7.14	$603.89	
426	Fiber Arrangement	12 Fiber Pairs (24 Fiber Strands)	**S8GEF**	$6.55	$1,779.78	

	A	B	C	D	E	F
1	**Product Type**	**Rate Element Description**	**USOC**	**Current Monthly Recurring Rate**	**Current Non-Recurring Rate (Initial)**	**Current Non-Recurring Rate (Additional)**
427	**RSM Option**					
428	Additional Dedicated HVAC Charge	Per Request	**NRFCL**		$3,100.00	
429	Dedicated power Plant FLoor Space	Per Request	**S8GCQ**	$394.00		
430						
431	**CLEC-PROVISIONED FACILITIES & EQUIPMENT: VIRTUAL**					
432	**REAL ESTATE**					
433	Site Conditioning	Per Frame	**S8FX5**		$92.81	
434	Safety & Security	Per Frame	**S8FX6**		$195.57	
435	Floor Space Usage	Per Frame	**S8F62**	$28.91		
436	**COMMON SYSTEMS**					
437	Common Systems - Standard	Per Frame	**S8F64**	$10.75		
438	Common Systems - Non-Standard	Per Cabinet	**S8F65**	$19.36		
439	**PLANNING**					
440	Planning	Per Request	**NRM99**		$5,555.76	
441	Planning - Subsequent Inter. Cabling	Per Request	**NRMA3**		$2,224.49	
442	Planning - Subsequent Power Cabling	Per Request	**NRMAA**		$2,303.84	
443	Planning - Subs. Inter./Power Cabling	Per Request	**NRMAX**		$2,882.61	
444	**POWER PROVISIONING**					
445	**Power Cable and Infrastructure:**					
446	Power Cable Rack	Per Four Power Cables or Quad	**NONE**			
447	2-20 Amp Feeds	Per 2-20 Amp Power Feeds (CLEC Provided)	**S8GFO**	$0.52		
448	2-50 Amp Feeds	Per 2-50 Amp Power Feeds (CLEC Provided)	**S8GFP**	$0.52		
449	**Equipment Grounding:**					
450	Ground Cable Placement	Per Frame	**S8F69**	$0.36		
451	**DC POWER AMPERAGE CHARGE**					
452	HVAC	Per 10 Amps	**S8FXO**	$14.62		
453	Per Amp	Per Amp	**S8FXN**	$10.61		
454	CEV, HUT & Cabinets	Per 2 inch mounting space	**S8FXP**	$1.27		
455	**FIBER CABLE PLACEMENT**					
456	**Central Office:**					
457	Fiber Cable	Per Fiber Cable Sheath	**S8F8F**	$11.01	$1,971.42	
458	Entrance Conduit	Per Fiber Cable Sheath	**S8F8G**	$8.17		
459	**CEV, HUT & Cabinets:**					
460	Fiber Cable Placement	Per Fiber Cable Sheath	**S8FXQ**		$53.58	
461	Entrance Conduit	Per Fiber Cable Sheath	**S8FXR**	$2.61		
462	**MISCELLANEOUS & OPTIONAL COST:**					
463	**MISCELLANEOUS COSTS**					
464	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8FXT**	$0.08	$14.81	
465	Bits Timing	Per two circuits	**S8FXS**	$3.58	$698.82	
466	**VIRTUAL FRAME OPTIONS**					
467	Standard Equipment Bay	Each (CLEC Provided)	**NONE**			
468	**CEV, HUT, CABINET**					
469	24 Foot CEV	2 Inch Mounting Space	**S8FXZ**	$1.64		
470	16 Foot CEV	2 Inch Mounting Space	**S8FY6**	$1.77		
471	Maxi-Hut	2 Inch Mounting Space	**S8FXX**	$0.77		
472	Mini-Hut	2 Inch Mounting Space	**S8FXY**	$1.33		
473	Large Cabinet	2 Inch Mounting Space	**S8FXU**	$1.63		
474	Medium Cabinet	2 Inch Mounting Space	**S8FXV**	$2.19		
475	Small Cabinet	2 Inch Mounting Space	**S8FXW**	$3.29		
476	**INTERCONNECTION COSTS:**					
477	**ILEC TO CLEC CONNECTION**					
478	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	**S8F82**	$3.86	$225.02	
479	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	**S8F83**	$3.86	$225.02	
480	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	**S8F8X**	$295.42	$3,496.22	
481	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	**S8F8Y**	$6.07	$651.13	
482	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	**S8F8Z**	$115.30	$2,186.12	
483	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	**S8F81**	$5.69	$204.42	
484	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	**S8F84**	$10.47	$152.71	
485	**VIRTUAL TO VIRTUAL CONNECTION**					
486	Cable Racking and Hole for Optical	Per Cable	**S8FY7**	$0.90		
487	Cable Racking and Hole for DS1	Per Cable	**S8FY8**	$0.49		
488	Cable Racking and Hole for DS3	Per Cable	**S8FY9**	$0.35		
489	Route Design		**NRLWF**		$463.36	
490	Connection for DS1	Per 28 Circuits (CLEC provides cable)	**S8GFQ**	$0.41	$0.00	
491	Connection for DS3	Per Circuit (CLEC provides cable)	**S8GFR**	$0.27	$0.00	
492	Connection for Optical	Per Cable (CLEC provides cable)	**S8GFS**	$0.81	$0.00	
493	**PROJECT MANAGEMENT**					
494	**CEV, HUT & CABINET**					
495	Project Coordination	Per CLEC Application Augment	**NRFCK**		$631.17	

	A	B	C	D	E	F
1	**Product Type**	**Rate Element Description**	**USOC**	**Current Monthly Recurring Rate**	**Current Non-Recurring Rate (Initial)**	**Current Non-Recurring Rate (Additional)**
496	**EQUIPMENT MAINTENANCE AND SECURITY ESCORT**					
497	**CENTRAL OFFICE TYPE**					
498	Staffed CO During Normal Business Hours	Per 1/4 Hour	**NRMHK**		$15.15	
499	Staffed CO During Outside Normal Business Hours	4 Hour Minium - Initial	**NRMHN**		$242.35	
500	Staffed CO During Outside Normal Business Hours	Per 1/4 Hour - Additional	**NRMJ7**		$15.15	
501	Not Staffed CO/RT During Normal Business Hours	Per 1/4 Hour	**NRMJ8**		$15.15	
502	Not Staffed CO/RT During Outside Normal Business Hours	4 Hour Minium - Initial	**NRMJ9**		$242.35	
503	Not Staffed CO/RT During Outside Normal Business Hours	Per 1/4 Hour - Additional	**NRML7**		$15.15	
504	**CEV, HUT & CABINET**					
505	Per Visit	4 Hour Minium - Initial	**NRMJ9**		$242.35	
506	Per Visit	Per 1/4 Hour - Additional	**NRML7**		$15.15	
507	**ADDITIONAL LABOR ELEMENTS**					
508	**TRAINING**					
509	Communications Tech	Per 1/2 Hour	**NRMCD**		$39.21	
510	CO Manager	Per 1/2 Hour	**NRME9**		$39.45	
511	Power Engineer	Per 1/2 Hour	**NRMF9**		$38.47	
512	Equipment Engineer	Per 1/2 Hour	**NRMHJ**		$38.47	
513	**EQUIPMENT EVALUATION COST**					
514	Equipment Engineer	Per 1/2 Hour	**NRMO9**		$38.47	
515	**TEST AND ACCEPTANCE**					
516	Communications Tech	Per 1/2 Hour	**NRMP2**		$39.21	
517						
518	**SBC-PROVISIONED FACILITIES & EQUIPMENT: VIRTUAL**					
519	**REAL ESTATE**					
520	Site Conditioning	Per Frame	**S8FX5**		$92.81	
521	Safety & Security	Per Frame	**S8FX6**		$195.57	
522	Floor Space Usage	Per Frame	**S8FX1**	$28.91		
523	**COMMON SYSTEMS**					
524	Common Systems - Standard	Per Frame	**S8FX3**	$10.75		
525	Common Systems - Non-Standard	Per Frame	**S8FX4**	$19.36		
526	**PLANNING**					
527	Planning	Per Request	**NRM99**		$5,555.76	
528	Planning - Subsequent Inter. Cabling	Per Request	**NRMA3**		$2,224.49	
529	Planning - Subsequent Power Cabling	Per Request	**NRMAA**		$2,303.84	
530	Planning - Subs. Inter./Power Cabling	Per Request	**NRMAX**		$2,882.61	
531	**POWER PROVISIONING**					
532	**Power Cable and Infrastructure:**					
533	2-20 Amp Feeds	Per 2-20 Amp Power Feeds	**S8FX7**	$7.74	$1,570.84	
534	2-50 Amp Feeds	Per 2-50 Amp Power Feeds	**S8FX8**	$9.57	$1,954.85	
535	**Equipment Grounding:**					
536	Ground Cable Placement	Per Frame	**S8FX9**	$0.36		
537	**DC POWER AMPERAGE CHARGE**					
538	HVAC	Per 10 Amps	**S8FXO**	$14.62		
539	Per Amp	Per Amp	**S8FXN**	$10.61		
540	CEV, HUT & Cabinets	Per 2 inch mounting space	**S8FXP**	$1.27		
541	**FIBER CABLE PLACEMENT**					
542	**Central Office:**					
543	Fiber Cable	Per Fiber Cable Sheath	**S8F8F**	$11.01	$1,971.42	
544	Entrance Conduit	Per Fiber Cable Sheath	**S8F8G**	$8.17		
545	**CEV, HUT & Cabinets:**					
546	Fiber Cable Placement	Per Fiber Cable Sheath	**S8FXQ**		$53.58	
547	Entrance Conduit	Per Fiber Cable Sheath	**S8FXR**	$2.61		
548	**MISCELLANEOUS & OPTIONAL COST:**					
549	**MISCELLANEOUS COSTS**					
550	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	**S8FXT**	$0.08	$14.81	
551	Bits Timing	Per two circuits	**S8FXS**	$3.58	$698.82	
552	**VIRTUAL FRAME OPTIONS**					
553	Standard Equipment Bay	Each	**S8FX2**	$22.19		
554	**CEV, HUT, CABINET**					
555	24 Foot CEV	2 Inch Mounting Space	**S8FXZ**	$1.64		
556	16 Foot CEV	2 Inch Mounting Space	**S8FY6**	$1.77		
557	Maxi-Hut	2 Inch Mounting Space	**S8FXX**	$0.77		
558	Mini-Hut	2 Inch Mounting Space	**S8FXY**	$1.33		
559	Large Cabinet	2 Inch Mounting Space	**S8FXU**	$1.63		
560	Medium Cabinet	2 Inch Mounting Space	**S8FXV**	$2.19		
561	Small Cabinet	2 Inch Mounting Space	**S8FXW**	$3.29		

	A	B	C	D	E	F
1	**Product Type**	**Rate Element Description**	**USOC**	**Current Monthly Recurring Rate**	**Current Non-Recurring Rate (Initial)**	**Current Non-Recurring Rate (Additional)**
562	**INTERCONNECTION COSTS:**					
563	**ILEC TO CLEC CONNECTION**					
564	Voice Grade Arrangement	100 Copper Pairs	**S8FXC**	$4.94	$1,481.37	
565	Voice Grade Arrangement	100 Shielded Pairs	**S8FXD**	$4.94	$1,481.37	
566	DS1 Arrangement - DCS	28 DS1	**S8FXE**	$297.44	$4,067.27	
567	DS1 Arrangement - DSX	28 DS1	**S8FXF**	$9.79	$1,800.69	
568	DS3 Arrangement - DCS	1 DS3	**S8FXG**	$115.59	$2,635.79	
569	DS3 Arrangement - DSX	1 DS3	**S8FXH**	$7.14	$1,058.10	
570	Fiber Arrangement	12 Fiber Pairs (24 Fiber Strands)	**S8FXJ**	$6.55	$1,996.19	
571	**VIRTUAL TO VIRTUAL CONNECTION**					
572	Cable Racking and Hole for Optical	Per Cable	**S8FY7**	$0.90		
573	Cable Racking and Hole for DS1	Per Cable	**S8FY8**	$0.49		
574	Cable Racking and Hole for DS3	Per Cable	**S8FY9**	$0.35		
575	Route Design		**NRML9**		$463.36	
576	Connection for DS1	Per 28 Circuits	**S8FXL**	$3.34	$930.53	
577	Connection for DS3	Per Circuit	**S8FXM**	$3.26	$706.77	
578	Connection for Optical	Per Cable	**S8FXK**	$3.32	$1,095.09	
579	**PROJECT MANAGEMENT**					
580	**CEV, HUT & CABINET**					
581	Project Coordination	Per CLEC Application Augment	**NRFCK**		$631.17	
582	**EQUIPMENT MAINTENANCE AND SECURITY ESCORT**					
583	**CENTRAL OFFICE TYPE**					
584	Staffed CO During Normal Business Hours	Per 1/4 Hour	**NRMHK**		$15.15	
585	Staffed CO During Outside Normal Business Hours	4 Hour Minium - Initial	**NRMHN**		$242.35	
586	Staffed CO During Outside Normal Business Hours	Per 1/4 Hour - Additional	**NRMJ7**		$15.15	
587	Not Staffed CO/RT During Normal Business Hours	Per 1/4 Hour	**NRMJ8**		$15.15	
588	Not Staffed CO/RT During Outside Normal Business Hours	4 Hour Minium - Initial	**NRMJ9**		$242.35	
589	Not Staffed CO/RT During Outside Normal Business Hours	Per 1/4 Hour - Additional	**NRML7**		$15.15	
590	**CEV, HUT & CABINET**					
591	Per Visit	4 Hour Minium - Initial	**NRMJ9**		$242.35	
592	Per Visit	Per 1/4 Hour - Additional	**NRML7**		$15.15	
593	**ADDITIONAL LABOR ELEMENTS**					
594	**TRAINING**					
595	Communications Tech	Per 1/2 Hour	**NRMCD**		$39.21	
596	CO Manager	Per 1/2 Hour	**NRME9**		$39.45	
597	Power Engineer	Per 1/2 Hour	**NRMF9**		$38.47	
598	Equipment Engineer	Per 1/2 Hour	**NRMHJ**		$38.47	
599	**EQUIPMENT EVALUATION COST**					
600	Equipment Engineer	Per 1/2 Hour	**NRMO9**		$38.47	
601	**TEST AND ACCEPTANCE**					
602	Communications Tech	Per 1/2 Hour	**NRMP2**		$39.21	
603						
604	**CLEC-PROVISIONED FACILITIES & EQUIPMENT: ADJACENT ON-SITE**					
605	**PLANNING**					
606	Planning - Initial	Per Request	**NRFA1**		$9,268.73	
607	Planning - Subsequent	Per Request	**NRFA2**		$1,606.77	
608	**REAL ESTATE**					
609	Land Rental	Per Square Foot	**S8GEN**	$0.44		
610	**POWER PROVISIONING**					
611	**Power Cable and Infrastructure:**					
612	2-100 Amp Feeds	Per 2-100 Amp Power Feeds (CLEC provides cable)	**NONE**			
613	2-200 Amp Feeds	Per 2-200 Amp Power Feeds (CLEC provides cable)	**NONE**			
614	2-300 Amp Feeds	Per 2-300 Amp Power Feeds (CLEC provides cable)	**NONE**			
615	2-400 Amp Feeds	Per 2-400 Amp Power Feeds (CLEC provides cable)	**NONE**			
616	**AC Service:**					
617	Extension of 100 Amp AC Service (Opt.)	Per Request	**NRFCW**		$6,447.00	
618	AC Usage	Per KWH	**S8GEO**	$0.05		

	A	B	C	D	E	F
1	**Product Type**	**Rate Element Description**	**USOC**	**Current Monthly Recurring Rate**	**Current Non-Recurring Rate (Initial)**	**Current Non-Recurring Rate (Additional)**
619	**DC POWER AMPERAGE CHARGE**					
620	Per Amp	Per Amp	**S8GCR**	$10.61		
621	**FIBER CABLE PLACEMENT**					
622	Fiber Installation	Per Fiber Cable Sheath (CLEC Vendor Pulls Cable)	**S8GF4**	$2.13	$488.48	
623	Entrance Fiber Racking	Per Rack/Conduit Duct	**S8GDG**	$1.55		
624	**CABLE RACK**					
625	DC Power Cable Rack	Per Rack	**S8GEP**	$13.64	$2,667.22	
626	Fiber Cable Rack	Per Rack	**S8GEQ**	$20.63		
627	Interconnection Arrangement (Copper) Racking	Per Rack	**S8GER**	$30.63		
628	**CONDUIT PLACEMENT**					
629	DC Power Cable Rack	Per Rack	**S8GES**		$7,386.71	
630	Fiber Cable Rack	Per Rack	**S8GET**		$4,711.89	
631	Interconnection Arrangement (Copper) Racking	Per Rack	**S8GEU**		$5,545.50	
632	**INTERCONNECTION COSTS:**					
633	**ILEC TO CLEC CONNECTION**					
634	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	**S8F3G**	$3.86	$156.02	
635	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	**S8FWW**	$3.86	$156.02	
636	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	**S8F2L**	$295.42	$3,105.79	
637	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	**S8F2R**	$6.07	$486.89	
638	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	**S8F23**	$115.30	$1,809.40	
639	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	**S8F27**	$5.69	$116.67	
640	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	**S8F3N**	$3.76	$495.49	
641						
642	**SBC-PROVISIONED FACILITIES & EQUIPMENT: ADJACENT ON-SITE**					
643	**PLANNING**					
644	Planning - Initial	Per Request	**NRFA1**		$9,268.73	
645	Planning - Subsequent	Per Request	**NRFA2**		$1,606.77	
646	**REAL ESTATE**					
647	Land Rental	Per Square Foot	**S8GEN**	$0.44		
648	**POWER PROVISIONING**					
649	**Power Cable and Infrastructure:**					
650	2-100 Amp Feeds	Per 2-100 Amp Power Feeds	**S8GC4**	$13.84	$7,853.86	
651	2-200 Amp Feeds	Per 2-200 Amp Power Feeds	**S8GC5**	$13.84	$14,584.00	
652	2-300 Amp Feeds	Per 2-300 Amp Power Feeds	**S8GC6**	$13.84	$20,338.00	
653	2-400 Amp Feeds	Per 2-400 Amp Power Feeds	**S8GC7**	$13.84	$28,143.00	
654	**AC Service:**					
655	Extension of 100 Amp AC Service (Opt.)	Per Request	**NRFCW**		$6,447.00	
656	AC Usage	Per KWH	**S8GEO**	$0.05		
657	**DC POWER AMPERAGE CHARGE**					
658	Per Amp	Per Amp	**S8GCR**	$10.61		
659	**FIBER CABLE PLACEMENT**					
660	Fiber Installation	Per Fiber Cable Sheath	**S8GDF**	$2.13	$976.96	
661	Entrance Fiber Racking	Per Rack/Conduit Duct	**S8GDG**	$1.55		
662	**CABLE RACK**					
663	DC Power Cable Rack	Per Rack	**S8GEP**	$13.64	$2,667.22	
664	Fiber Cable Rack	Per Rack	**S8GEQ**	$20.63		
665	Interconnection Arrangement (Copper) Racking	Per Rack	**S8GER**	$30.63		
666	**CONDUIT PLACEMENT**					
667	DC Power Cable Rack	Per 2-Duct	**S8GES**		$7,386.71	
668	Fiber Cable Rack	Per 1-Duct	**S8GET**		$4,711.89	
669	Interconnection Arrangement (Copper) Racking	Per 2-Duct	**S8GEU**		$5,545.50	
670	**INTERCONNECTION COSTS:**					
671	**ILEC TO CLEC CONNECTION**					
672	Voice Grade Arrangement	100 Copper Pairs	**S8GEA**	$6.19	$1,371.93	
673	Voice Grade Arrangement	100 Shielded Pairs	**S8GEB**	$6.19	$1,371.93	
674	DS1 Arrangement - DCS	28 DS1	**S8GDN**	$439.98	$2,341.45	
675	DS1 Arrangement - DSX	28 DS1	**S8GDS**	$35.04	$2,341.45	
676	DS3 Arrangement - DCS	1 DS3	**S8GDY**	$242.36	$598.33	
677	DS3 Arrangement - DSX	1 DS3	**S8GD3**	$12.36	$598.33	
678	Fiber Arrangement	12 Fiber Pairs(24 Fiber Strands)	**S8GEG**	$8.25	$3,751.22	
679						

	A	B	C	D	E	F
1	**Product Type**	**Rate Element Description**	**USOC**	**Current Monthly Recurring Rate**	**Current Non-Recurring Rate (Initial)**	**Current Non-Recurring Rate (Additional)**
680	**CLEC-PROVISIONED FACILITIES & EQUIPMENT: ADJACENT OFF-SITE**					
681	**PLANNING**					
682	Planning	Per Request	**NRFA3**		$1,254.32	
683	**CONDUIT**					
684	Conduit Space	Per Innerduct	**S8GEW**	$1.17		
685	**INTERCONNECTION COSTS:**					
686	**ILEC TO CLEC CONNECTION**					
687	Voice Grade/DS0 Arrangement	900 DS0 (Hole, Racking, MDF) (CLEC Vendor Pulls and Installs Cable)	**S8GF5**	$311.43		
688	DS1 Arrangement - DCS	28 DS1 (Hole, Racking, DCS) (CLEC Vendor Pulls and Installs Cable)	**S8GF6**	$439.96		
689	DS1 Arrangement - DSX	28 DS1 (Hole, Racking, DSX) (CLEC Vendor Pulls and Installs Cable)	**S8GF7**	$35.03		
690	DS1 Arrangement - MDF	450 DS1 (Hole, Racking, MDF) (CLEC Vendor Pulls and Installs Cable)	**S8GF8**	$311.43		
691	Fiber Arrangement	12 Fiber Pairs (Hole, Racking, FDF) (CLEC Vendor Pulls and Installs Cable)	**S8GF9**	$9.02		
692						
693	**SBC-PROVISIONED FACILITIES & EQUIPMENT: ADJACENT OFF-SITE**					
694	**PLANNING**					
695	Planning	Per Request	**NRFA3**		$1,254.32	
696	**CONDUIT**					
697	Conduit Space	Per Innerduct	**S8GEW**	$1.17		
698	**INTERCONNECTION COSTS:**					
699	**ILEC TO CLEC CONNECTION**					
700	Voice Grade/DS0 Arrangement	900 DS0	**S8GEC**	$311.43	$485.31	
701	DS1 Arrangement - DCS	28 DS1	**S8GDO**	$439.96	$1,830.99	
702	DS1 Arrangement - DSX	28 DS1	**S8GDT**	$35.03	$1,830.99	
703	DS1 Arrangement - MDF	450 DS1	**S8GDU**	$311.43	$485.31	
704	Fiber Arrangement	12 Fiber Pairs (24 Fiber Strands)	**S8GEH**	$9.02	$3,370.20	

APPENDIX
VIRTUAL COLLOCATION

TABLE OF CONTENTS

1. GENERAL DESCRIPTION 3
2. DEFINITIONS 7
3. PROVISIONING 9
4. COLLOCATOR RESPONSIBILITIES 9
5. COOPERATIVE RESPONSIBILITIES 10
6. INTERVALS AND PROVISIONING 10
7. EQUIPMENT PROVISIONING 13
8. REPAIR OF EQUIPMENT 13
9. MAINTENANCE OF EQUIPMENT 13
10. ALARM COLLECTION 13
11. TERMINATION OF VIRTUAL COLLOCATION 13
12. RATE REGULATIONS 14
13. ALTERNATIVE VIRTUAL COLLOCATION ARRANGEMENT DESCRIPTION 21
14. OBLIGATIONS OF THE COLLOCATOR 22
15. COOPERATIVE RESPONSIBILITIES 24
16. RATE REGULATIONS 25
17. CDOW (CLECS DOING OWN WORK) – COLLOCATOR RESPONSIBILITIES. 25

APPENDIX VIRTUAL COLLOCATION

1. GENERAL DESCRIPTION

1.1 This Section of the Appendix provides for Virtual Collocation for the purpose of interconnecting to SBC-13STATE for the transmission and routing of Telephone Exchange Service and Exchange Access pursuant to 47 U.S.C. § 251 (c)(2), and for access to SBC-13STATE's Lawful Unbundled Network Elements ("Lawful UNEs") pursuant to 47 U.S.C. § 251(c)(3) of the Act when the virtually collocated telecommunications equipment (hereafter referred to as equipment) is provided by the Collocator.

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

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

1.3.1 In all of SBC-13STATE's premises, SBC-13STATE will offer Virtual Collocation wherein SBC-13STATE maintains and repairs the virtually collocated equipment consistent with the rates, terms and conditions as provided for in Sections 1 through 19 of this Appendix.

1.3.2 In Controlled Environmental Vault (CEV), huts and cabinets where Physical Collocation space is not available, a Collocator may opt for Virtual Collocation wherein the Collocator maintains and repairs the virtually collocated equipment as described in Section 15 following and consistent with the rates, terms and conditions as provided for throughout this entire Appendix. SBC-13STATE may at its option, elect to offer this maintenance alternative in one or more of its Central Offices, and in one or more of its CEVs, huts and cabinets where Physical Collocation space is available. As described in Section 15 , this maintenance alternative is contingent on the provision of a security escort paid for by the Collocator. In the event the FCC determines that SBC-13STATE may not require a security escort paid for by the Collocator, then this Virtual Collocation maintenance alternative as described in this Section and in Section 15 is null and void and all Virtual Collocation will be maintained as described in Section 1 above.

1.4 Virtual Collocation in the Central Office is available for interconnection with SBC-13STATE for the transmission and routing of Telephone Exchange Service and Exchange Access as well as SBC-13STATE provided Lawful UNEs. Virtual Collocation in CEVs, huts and cabinets is available for interconnection with SBC-13STATE provided UNEs.

1.5 Rates for the individual Lawful UNEs to which the Collocator wants to gain access using Virtual Collocation can be found in the Collocator's Agreement with SBC-13STATE.

1.6 A description of the rate categories applicable to Virtual Collocation for the purpose of interconnecting to SBC-13STATE within SBC-13STATE's Central Offices is contained in 19.36.1. (Rate Elements for SBC-13STATE Central Offices). A description of the rate categories applicable to Virtual Collocation for the purpose of interconnecting to SBC-13STATE within SBC-13STATE's CEVs, huts and cabinets is contained in 19.36.2 (Rate Elements for SBC-13STATE CEVs, huts and cabinets).

1.7 Virtual Collocation provides for Interconnection to SBC-13STATE for the Transmission and Routing of Telephone Exchange Service and Exchange Access, and for Interconnection with SBC-13STATE provided Lawful UNEs when the Equipment is Provided by the Collocator.

1.8 Virtual Collocation provides for interconnection between SBC-13STATE and the facilities of a virtual Collocator and is available for the transmission and routing of Telephone Exchange Service and Exchange Access in SBC-13STATE Central Offices and for interconnection with SBC-13STATE provided Lawful UNEs in SBC-13STATE Central Offices and CEVs, huts and cabinets.

1.9 Virtual Collocation is available at SBC-13STATE wire centers as specified in the National Exchange Carrier Association, Inc., tariff F.C.C. No. 4 and in SBC-13STATE CEVs, huts and cabinets. Upon request, SBC-13STATE will provide a listing of locations of SBC-13STATE's CEVs, huts or Cabinets.

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

1.10.1 A Collocator shall purchase from the vendor the equipment to be virtually collocated subject to the provisions as set forth below and the equipment conforming to industry safety standards as described in SBC-13STATE's Technical Publication https://clec.sbc.com/clec/.

1.10.2 In accordance with Section 251(c)(6) of the Act, the Collocator may collocate equipment for Virtual Collocation if such equipment is necessary for interconnection to SBC-13STATE under 47.U.S.C. § 251(c)(2) or accessing SBC-13STATE's Lawful UNEs under 47.U.S.C. § 251(c)(3) of the FTA 96. For purposes of this Section, "necessary" means directly related to and thus necessary, required, or indispensable to interconnection or access to Lawful UNEs. Such uses are limited to interconnection to SBC-13STATE's network "for the transmission and routing of Telephone Exchange Service or Exchange Access," or for access to SBC-13STATE's Lawful UNEs "for the provision of a telecommunications service."

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

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

Closing Date that are located at the Collocator premises shall be considered network terminating equipment."

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

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

1.10.7 SBC-13STATE voluntarily allows Collocator to place ancillary equipment, including cross-connect and other simple frames, routers, portable test equipment, equipment racks and bays, and other ancillary equipment on a non-discriminatory basis only if SBC-13STATE and Collocator mutually agree to such placement, in SBC-13STATE's premises solely to support and be used with equipment that the Collocator has legitimately collocated in the same premises.

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

1.10.9 All types of network equipment placed in SBC-13STATE network equipment areas of Eligible Structures by SBC-13STATE or Collocator must meet SBC-13STATE minimum safety standards. The minimum safety standards are as follows: (1) Collocator's equipment must meet Telcordia Level 1 safety requirements as set forth in Telcordia documents SR-3580 and GR-63-CORE, Network Equipment Building Systems (NEBS); or, (2) Collocator must demonstrate that its equipment has a history of safe operation defined by installation in an ILEC (including SBC-13STATE) prior to January 1, 1998 with no known history of safety problems. The Collocator will be expected to conform to the same accepted procedures and standards utilized by including SBC-13STATE and its contractors when engineering and installing equipment.

1.10.10 In the event that SBC-13STATE denied Collocation of Collocator's equipment, citing Safety Standards, SBC-13STATE will provide within five (5) business days of Collocator's written request to SBC-13STATE representative(s), a list of SBC-13STATE equipment placed since January 1, 1998 within the network areas of the Eligible Premise for which Collocation was denied together with an affidavit attesting that all of such SBC-13STATE equipment met or exceeded the then current Safety Standards when such equipment was placed in the Eligible Premise.

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

1.10.12 Regarding safety, Collocator equipment or operating practices representing a significant demonstrable technical or physical threat to SBC-13STATE's personnel, network or facilities, including the Eligible Structure, or those of others are strictly prohibited. Regarding safety, and notwithstanding any other provision hereof, the characteristics and methods of operation of any equipment or facilities placed in the Virtual Collocation space shall not create hazards for or cause damage to those facilities, the Virtual Collocation space, or the Eligible Structure in which the Virtual Collocation space is located; impair the privacy of any communications carried in, from, or through the Eligible Structure in which the Virtual Collocation space is located; or create hazards or cause physical harm to any individual or the public. Any of the foregoing would be in violation of this Appendix. Disputes regarding proper implementation of operating practices or technical standards may be resolved under the standards of Sections 1.12.3 of this Appendix.

1.11 A Collocator may arrange for a mutually agreed upon vendor/contractor to engineer and install the virtually collocated equipment the Collocator purchases and the Collocator may pay the vendor/contractor directly. The installation contractor and their activity will be under the direction and control of Collocator who will ensure that the installation contractor meets all standards and requirements for installation of equipment, as required under this Appendix. If SBC-13STATE chooses to have its personnel present when the CLEC equipment is installed, then SBC-13STATE's presence will be at its own expense. However, if SBC-13STATE demonstrates that the CLEC contractor has or would have violated any standard or requirement for installation of equipment, as required under this Appendix, the CLEC is responsible for the quantifiable expense incurred by SBC-13STATE.

1.12 Federal Telecommunications Act of 1996 (the "Act")

1.12.1 SBC-13STATE provides Virtual Collocation for interconnection to SBC-13STATE for the transmission and routing of Telephone Exchange Service and Exchange Access pursuant to 47 U.S.C. § 251(c)(2), and for access to SBC-13STATE's Lawful UNEs pursuant to 47 U.S.C. § 251(c)(3).

1.12.2 The use of Virtual Collocation for (1) interconnection to SBC-13STATE or (2) access to SBC-13STATE's Lawful UNEs, in either case pursuant to 47 U.S.C. § 251(c), is available at SBC-13STATE wire centers as specified in the National Exchange Carrier Association, Inc., tariff F.C.C. No. 4, and in SBC-13STATE CEVs, huts and cabinets.

1.12.3 In addition, the following terms and conditions contained in the SBC-13STATE's Physical Collocation Appendix shall apply to Virtual Collocation arrangements provided under this Appendix, and are incorporated herein by reference: Section 2-Definitions, Section 3-Limitation of Liability and Force Majeure Events, Section 4.5-Casualty Loss, Section 5.1-Certification, Section 5.5-Hazardous Waste & Materials, Section 5.6-Safety, Section 6.5-Cancellation Prior to Due Date, Section 6.6-Billing, Section 6.7- Late Payment Charge, Section 6.8- Allowance for Interruptions, Section 9.4-Threat to Personnel, Network, or Facilities, Section 9.5-Interference or Impairment, Section 9.7-Alterations, Section 11-Re-entry.

2. DEFINITIONS

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

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

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

2.3.1 Such arrangement shall be used for interconnection or access to Lawful UNEs. When the Collocator elects to utilize an Adjacent Off-site Arrangement, the Collocator shall provide both the AC and DC power required to operate such facility. The Collocator may provide its own facilities to SBC-13STATE's premises or to a mutually agreeable meet point from its Adjacent Off-site location for interconnection purposes. The Collocator may subscribe to facilities available in the UNE rate schedule of the Collocator's Agreement. The rates established in this Appendix for Adjacent Off-site Arrangement apply only if Collocator's Adjacent off-site Arrangement is located on a property that is contiguous to or within one standard city block of SBC-13STATE's Central Office or Eligible Structure.

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

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

2.4 Adjacent Structure - A Collocator-provided structure placed on SBC-13STATE property (Adjacent On-site) or non-Company property (Adjacent Off-site) adjacent to an Eligible Structure. This arrangement is only permitted when space is legitimately exhausted inside the Eligible Structure and to the extent technically feasible. SBC-13STATE and telecommunications carrier will mutually agree on the location

of the designated space on SBC-13STATE premises where the adjacent structure will be placed. SBC-13STATE will not unreasonably withhold agreement as to the site desired by Collocator.

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

2.6 Custom Work Charge – Denotes the charge(s) developed solely to meet the construction requirements of the Collocator, (e.g., painting a cage). Custom work may not be charged to Collocator for any work performed which will benefit or be used by SBC-13STATE or other collocators. SBC-13STATE also may not impose a Custom Work Charge without the Collocator's approval and agreement that the custom work is not included in the provision of collocation as provided for in the rate elements contained in this Appendix. In the event an agreement between the Collocator and SBC-13STATE is not reached regarding the Custom Work Charge, SBC-13STATE shall complete construction of the Collocator's space pending resolution of the issue by the the appropriate Commission and the Collocator may withhold payment for the disputed charges while the issue remains unresolved; however, any disputed Custom Work Charges paid by the Collocator or owed to SBC-13STATE shall accrue interest at the rate established by the appropriate Commission. All Custom Work Charges that are approved by the the appropriate Commission will be the basis for calculating a refund to a Collocator that has overpaid or the amount due to SBC-13STATE that was not paid or underpaid. These overpaid or underpaid amounts will accrue at the above-stated interest rate on a monthly basis from the date of completion of the work or the date of payment of the disputed amount, as appropriate. In the event that the requested work will benefit all or most collocators, such work shall not be considered custom work; instead, SBC-13STATE shall file the appropriate interconnection agreement amendment. However, SBC-13STATE shall not delay completion of such work during the agreement approval process. SBC-13STATE shall perform such work based upon provisional rates, subject to true up.

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

2.8 Dedicated Space - Denotes the space dedicated for the Collocator's Physical Collocation arrangement located in SBC-13STATE Eligible Structure.

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

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

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

Switching, Power, Main Distribution Frame (MDF), and Digital Cross Connect System (DCS)) up to anticipated Collocator growth over a 10-year life expectancy of the ultimate footprint of the equipment.

2.12 Other (Inactive) Collocation Space - Denotes the space within the Central Office that can be designated for Physical Collocation where infrastructure systems do not currently exist and must be constructed. The designation of Other (Inactive) Collocation Space is applicable to space within Central Offices only; other Eligible Structures such as CEVs, huts, and vaults are considered Active Collocation Space for purposes of this Appendix.

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

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

2.15 Telecommunications Infrastructure Space – Denotes the square footage or linear footage of space, including common areas, used to house telecommunications infrastructure equipment necessary to support collocation space used for interconnection with or access to Lawful UNEs of SBC-13STATE's network.

3. PROVISIONING

3.1 Virtual Collocation for Interconnection to SBC-13STATE or access to SBC-13STATE provided Lawful UNEs is ordered as set forth in SBC-13STATE's Interconnector's Collocation Services Handbook at https://clec.sbc.com/clec/ for Virtual Collocation in 13-STATES. SBC-13STATE will designate the location or locations within its wire centers, CEVs, huts and cabinets for the placement of all equipment and facilities associated with Virtual Collocation. Virtual Collocation does not involve the reservation of segregated Central Office or CEV, hut and Cabinet space for the use of Collocator.

3.2 SBC-13STATE will provide Virtual Collocation for comparable equipment as it provides to itself in the Central Office, wire center, CEV, hut or Cabinet, as the case may be.

4. COLLOCATOR RESPONSIBILITIES

4.1 The Collocator will provide, under this Section of this Appendix, at its expense, all facilities and equipment required to facilitate interconnection and access to SBC-13STATE's Lawful UNEs. The Collocator will, at its expense, provide the following:

4.1.1 All plug-ins and/or circuit packs (working, spare, and replacements),

4.1.2 All unique tools and test equipment,

4.1.3 Any ancillary equipment and cabling used for remote monitoring and control,

4.1.4 Any technical publications and updates associated with all Collocator-owned and provided equipment,

4.1.5 All training as described in Section 14.4.16.

4.2 The Collocator will provide, at its expense, replacements for any recalled, obsolete, defective or damaged facilities, equipment, plug-ins, circuit packs, unique tools, test equipment, or any other item or material provided by the Collocator for placement in/on SBC-13STATE property. Suitable replacements are to be immediately provided to SBC-13STATE to restore equipment.

4.3 The Collocator will provide at least the minimum number of usable equipment spares specified by the manufacturer. Replacements must be delivered to SBC-13STATE Central Office using the equipment spare within five (5) days of notification that a spare was used or tested defective.

5. COOPERATIVE RESPONSIBILITIES

5.1 SBC-13STATE will work cooperatively with the Collocator to develop implementation plans including timelines associated with:

5.1.1 Placement of Collocator's fiber into the Central Office vault,

5.1.2 Location and completion of all splicing,

5.1.3 Completion of installation of equipment and facilities,

5.1.4 Removal of above facilities and equipment,

5.1.5 To the extent known, the Collocator can provide forecasted information to SBC-13STATE on anticipated additional Virtual Collocation requirements,

5.1.6 To the extent known, the Collocator is encouraged to provide SBC-13STATE with a listing of the equipment types that they plan to virtually collocate in SBC-13STATE's Central Offices or CEVs, huts and cabinets. This cooperative effort will insure that SBC-13STATE personnel are properly trained on Collocator equipment.

6. INTERVALS AND PROVISIONING

6.1 Quote Intervals

6.1.1 Upon receipt of the Collocator's application and initial Planning Fee payment, SBC-13STATE will begin development of the quotation. SBC-13STATE will notify the Collocator as to whether its request for a Virtual Collocation arrangement has been granted or denied due to a lack of interconnection facilities or space within ten (10) calendar days of submission of the completed application.

6.1.2 In responding to an application request, SBC-13STATE shall provide the quotation of the applicable nonrecurring and recurring rates, and the estimated construction interval no later than as specified below. The Collocator has forty-five (45) calendar days from receipt of the quotation to accept the quotation. The quotation expires after forty-five (45) calendar days. After forty-five (45) calendar days, a new application and Planning Fee are required.

6.1.3 Price quote intervals are as follows and will run concurrent with the ten (10) calendar day notification interval for availability of Virtual Collocation interconnection:

Number of Applications By One Collocator	Quotations Interval
1 - 5	10 Calendar Days
6 - 10	15 Calendar Days
11 - 15	20 Calendar Days
16 – 20	25 Calendar Days

6.1.4 Should the Collocator submit twenty-one (21) or more applications within five (5) business days, the quotation interval will be increased by five (5) business days for every five (5) additional applications or fraction thereof. Any material revision to an application will be treated as a new application and will be subject to the time intervals set forth above.

6.1.5 A Collocator may obtain a shorter quote interval by scheduling a meeting with SBC-13STATE at least twenty (20) calendar days prior to submission of the first application to discuss, coordinate and prioritize the Collocator applications.

6.1.6 Once SBC-13STATE has completed its review of the Virtual Collocation application form inquiry, the entire completed quote package will be forwarded to the potential Collocator in writing with a cover letter. The Collocator has forty-five (45) calendar days to remit a signed confirmation form along with a check for fifty percent (50%) of all the applicable nonrecurring charges.

6.1.7 If the Collocator fails to respond within the forty-five (45) calendar day interval, should the Collocator decide at a later time to proceed with Virtual Collocation, a new application and Planning Fee will be required.

6.2 Implementation Intervals

6.2.1 A Virtual Collocation arrangement is not reserved until the quotation is accepted. When the quotation is accepted, unless otherwise mutually agreed to by the Parties in writing, SBC-13STATE will allow the Collocator's vendor to begin equipment installation no later than ninety (90) calendar days from acceptance of the quotation. The Virtual Collocation interval ends when roughed in, unterminated DC power and interconnection cabling is provided to the Virtual Collocation area.

6.2.2 The construction intervals for Virtual Collocation arrangements are noted in Table 2-1. For Virtual Collocation in Active Collocation Space where the Collocator is requesting maximum DC Power of fifty (50) amps, either in a single or in multiple feeds of fifty (50) amps (maximum fifty (50) amps per feed), the Virtual Collocation construction intervals remain as stated below. For Virtual Collocation in Active Collocation Space where a Collocator is requesting DC Power that exceeds fifty (50) amps from a single source (e.g., 100 amps) per feed, the construction interval is ninety (90) calendar days. These same construction intervals apply for Virtual Collocation in Eligible Structures such as CEVs (Vaults), huts and cabinets.

6.2.3 When the quotation is accepted, unless otherwise mutually agreed to by the Parties in writing, the construction intervals for virtual are as follows:

Table 2-1

Type	Description	Interval	Exception
Virtual	Active Collocation space	90 calendar days	With SBC-13STATE installation of bay/sracks/frames
Virtual	Active Collocation space	90 calendar days	With CLEC installation of bay/sracks/frames

6.2.4 Where space is not suitable for Central Office equipment (e.g., it is not Active collocation space), SBC-13STATE shall have an additional thirty (30) calendar days to prepare the space. Virtual Collocation space is not reserved until the quotation is accepted.

6.2.5 When the quotation is accepted unless otherwise mutually agreed to by the Parties in writing, SBC-13STATE will complete construction of Active Collocation Space requests for Virtual Collocation in ninety (90) calendar days from the receipt of the Collocator's acceptance of the quotation where power is available and the Collocator is installing all of its own bays. The Virtual Collocation construction interval ends when roughed in, unterminated DC power and interconnection cabling is provided to the collocation area. SBC-13STATE will complete construction of Active Collocation Space requests for Virtual Collocation in ninety (90) calendar days from the receipt of the Collocator's acceptance of the quotation where SBC-13STATE will be installing all or some of the bays. SBC-13STATE considers power to be available if sufficient power plant capacity exists, the Battery Distribution Fuse Bay (BDFB) (if used) is within 100 feet of the Collocator's space and sufficient termination capacity on the power plant and/or Battery Distribution Fuse Bay (BDFB) exists.

6.2.6 If a completion date outside the time period required herein is not agreed to by the Parties and not resolved through the Agreement's dispute resolution procedures, the issue may be presented by either Party to the appropriate Commission for determination.

6.3 Installation of Virtual Collocation Equipment

6.3.1 SBC-13STATE does not assume any responsibility for the design, engineering, testing, or performance of the end-to-end connection of the Collocator's equipment, arrangement, or facilities.

6.3.2 SBC-13STATE will be responsible for using the same engineering practices as it does for its own similar equipment in determining the placement of equipment and engineering routes for all connecting cabling between collocation equipment.

6.3.3 In this arrangement, telecommunications equipment (hereafter referred to as equipment) is furnished by the Collocator and engineered and installed by a mutually agreed upon vendor for the Collocator. The Collocator will have the authority to select installation vendors. All installations of equipment will be in accordance with the Collocator-provided installation design and must comply with manufacturer's specifications and applicable published national standards approved by the FCC, and other governmental authorities that have jurisdiction.

6.3.4 The Collocator and SBC-13STATE must jointly accept the installation of the equipment and facilities prior to the installation of any services using the equipment. As part of this acceptance, SBC-13STATE will cooperatively test the collocated equipment and facilities with the Collocator.

6.3.5 SBC-13STATE will provide a Telephone Inventory Record Keeping System (TIRKS) and/or SWITCH print out of Actual Point of Termination/Connection Facilities Assignment (APOT/CFA) to the CLEC at collocation space turnover. This information is used to request access and line sharing services. The CLEC is responsible for payment of all non-recurring charges, where applicable, prior to receiving APOT/CFA information.

6.4 Revisions

6.4.1 All Revisions to an initial request for a Virtual Collocation arrangement submitted by the Collocator must be in writing via a new application form.

6.4.1.1 Major Revisions include:

- adding telecommunications equipment that requires additional electrical power
- adding additional Collocator bays or equipment that impact the existing/proposed floor-space area provided to the Collocator in their quote package.

6.4.1.1.1 If the revision is major, a new interval for the Virtual Collocation arrangement will be established which shall not exceed two months.

6.4.1.2 Minor Revisions include:

- adding bays of equipment that do not significantly impact the existing/proposed electrical systems
- adding light fixtures and outlets which do not exceed the capacity of the existing/proposed electrical system
- adjustments to the heat release projection which do not cause a change in the proposed/existing mechanical system

6.4.1.2.1 However, minor revisions will not require that a new interval be established. No additional Planning Fees shall be applicable if the revision is minor.

6.4.1.2.2 This list is not all-inclusive. Any revisions to the Collocator's application not specified above must be reviewed by SBC-13STATE to determine whether the revision is major or minor.

6.5 Augments

6.5.1 In order to request an augment, the Collocator must submit a Virtual Collocation Application Form to SBC-13STATE Collocation Service Center (CSC) indicating in Section 3 of the

application that this is an "Augmentation to an Existing Arrangement." The price quote will contain the charges and the construction interval for that application.

6.5.2 SBC-13STATE will work cooperatively with Collocator to negotiate mutually agreeable implementation intervals for augments.

7. EQUIPMENT PROVISIONING

7.1 The Collocator will arrange to deliver to SBC-13STATE Central Office where the equipment is located a reasonable number, as recommended by the manufacturer, of all appropriate plug-ins, circuit packs and cards and any other equipment, plus all necessary circuit design and provisioning information on an agreed-upon date which is no later than two (2) business days prior to the scheduled turn-up of the Collocator's equipment.

7.2 For the disconnection of circuits, the Collocator will provide all circuit information no later than two (2) business days prior to the scheduled disconnection of the Collocator's circuit.

7.3 SBC-13STATE does not assume any responsibility for the design, engineering, testing, or performance of the end-to-end connection of the Collocator's circuits.

8. REPAIR OF EQUIPMENT

8.1 Except in emergency situations, the Collocator-owned fiber optic facilities and Central Office terminating equipment will be repaired only upon the request of the Collocator. In an emergency, SBC-13STATE may perform necessary repairs without prior notification. The labor rates specified in Section 14.4.17 apply to SBC-13STATE Central Offices and SBC-13STATE CEVs, huts and cabinets and are applicable for all repairs performed by SBC-13STATE on the Collocator's facilities and equipment.

8.2 When initiating repair requests on Collocator owned equipment, the Collocator must provide SBC-13STATE with the location and identification of the equipment and a detailed description of the trouble.

8.3 Upon notification by the Collocator and availability of spare parts as provided by the Collocator, SBC-13STATE will be responsible for repairing the Virtually Collocated equipment at the same standards that it repairs its own equipment.

9. MAINTENANCE OF EQUIPMENT

9.1 The Collocator will request any and all maintenance by SBC-13STATE on its Virtually Collocated facilities or equipment. When initiating requests for maintenance on collocated equipment, the Collocator must provide SBC-13STATE with the location and identification of the equipment and a detailed description of the maintenance requested.

9.2 Upon notification by the Collocator and availability of spare parts as provided by the Collocator, SBC-13STATE will be responsible for maintaining the Virtually Collocated equipment at the same standards that it maintains its own equipment.

10. ALARM COLLECTION

10.1 The Collocator has the ability to purchase its own remote monitoring and alarming equipment.

10.2 Since the maintenance of the Collocator's equipment is at the direction and control of the Collocator, SBC-13STATE will not be responsible for responding to alarms and will only conduct maintenance and repair activities at the direction of the Collocator.

11. TERMINATION OF VIRTUAL COLLOCATION

11.1 Upon termination of the Virtual Collocation arrangement, the Collocator will work cooperatively with SBC-13STATE to remove the Collocator's equipment and facilities from SBC-13STATE's property subject to the condition that the removal of such equipment can be accomplished without damaging or endangering other equipment located in the Central Office. SBC-13STATE is not responsible for and

will not guarantee the condition of such equipment. The Collocator is responsible for arranging for and paying for the removal of virtually collocated equipment including all costs associated with equipment removal, packing and shipping. Arrangements for and the removal of the Collocator virtually collocated equipment must be made within thirty (30) business days after termination of the Virtual Collocation arrangement, unless a different time period is mutually agreed upon. SBC-13STATE shall be responsible for exercising reasonable caution when removing virtually collocated equipment. SBC-13STATE will only be responsible for damage done to such equipment caused by gross negligence on the part of SBC-13STATE or its contractors during the removal process. However, Collocator will indemnify and hold SBC-13STATE harmless for any damage done to virtually collocated equipment if SBC-13STATE permits the Collocator to hire a contractor approved by SBC-13STATE to remove virtually collocated equipment. Any equipment not removed in this time frame may be removed by SBC-13STATE and stored in a non-Company location, at the expense of the Collocator. Upon termination of the Virtual Collocation, the Collocator must remove the fiber entrance cable used for the Virtual Collocation. If the entrance cable is not scheduled for removal within seven (7) days after removal of CLEC Virtual Collocation equipment, SBC-13STATE may arrange for the removal, and the Collocator will be responsible for any charges incurred to remove the cable. SBC-13STATE and the Collocator will cooperatively manage the removal process. The Collocator is only responsible for physically removing entrance cables housed in conduits or inner-ducts and will only be required to do so when SBC-13STATE instructs the Collocator that such removal can be accomplished without damaging or endangering other cables contained in a common duct or other equipment residing in the Central Office.

12. RATE REGULATIONS

12.1 This Section contains specific regulations governing the rates and charges that apply to Virtual Collocation for the purpose of interconnecting to SBC-13STATE under section 251(c)(2) and for access to SBC-13STATE provided Lawful UNEs under 251(c)(3), when the Collocator provides the equipment.

12.2 There are two types of rates and charges that apply to the various rate elements for Virtual Collocation. These are non-recurring charges and monthly recurring rates.

12.3 Rates and charges specific to Virtual Collocation for interconnection with SBC-13STATE for the transmission and routing of Telephone Exchange Service and Exchange Access under section 251(c)(2), and for access to SBC-13STATE provided Lawful UNEs under 251(c)(3) in SBC-13STATE's Central Offices are set forth on Atttachment 2 (Rates and Charges for SBC-13STATE Central Offices). Rates and charges specific to Virtual Collocation for access to SBC-13STATE provided Lawful UNEs in SBC-13STATE CEVs, huts and cabinets are set forth on the Collocation Rate Summary of this Appendix (Rates and Charges for SBC-13STATE CEVs, huts and cabinets).

12.4 Rate Elements for SBC-13STATE Central Offices

Consistent with provisions in Section 6 of this Appendix, the following provides a list of the specific rate elements for Virtual Collocation for interconnection with SBC-13STATE for the transmission and routing of Telephone Exchange Service and Exchange Access, and for access to SBC-13STATE's provided Lawful UNEs to be used in conjunction with Virtual Collocation in SBC-13STATE's Central Offices.

12.4.1 Planning Fee

12.4.1.1 The Planning Fee recovers SBC-13STATE costs incurred to estimate the quotation of charges, project management costs, engineering costs, and other related planning activities for the Collocator's request for a Virtual Collocation arrangement. The Planning Fee also provides for SBC-13STATE personnel to survey each requested location for availability of space for the placement of entrance cables as well as to determine floor space to physically place Collocator-designated equipment expressed as a non-recurring charge. The Planning Fee is applied on an initial and subsequent basis. The initial charge will apply to the Collocator's request for a Virtual Collocation arrangement or the addition of cable. The subsequent planning charge will apply to

any additional interconnection or power arrangements. Charges for this sub-element are specified on the Collocation Rate Summary of this Appendix.

12.4.2 Floor Space

12.4.2.1 This sub-element provides for the "occupancy" cost per bay framework associated with using the floor space in SBC-13STATE's Central Offices expressed as a monthly rate. Charges for the sub-elements are specified on the Collocation Rate Summary of this Appendix .

12.4.3 Relay Rack (Optional)

12.4.3.1 This sub-element provides the cost per Standard Bay relay rack when provided by SBC-13STATE expressed as a monthly rate. SBC-13STATE's Standard Bay dimensions are 7' 0" high, and have a 23" interior width, 25" exterior width, and up to 15" deep. In those cases where an individual relay rack and associated floor space are shared by SBC-13STATE and the Collocator or among Collocators, the floor space and relay rack associated will be apportioned on a quarter rack basis. When the standard bay relay rack is provided by the Collocator, this rate element will not apply. Charges for this element are specified on the Collocation Rate Summary of this Appendix .

12.4.4 Common Systems Materials

12.4.4.1 This sub-element provides the infrastructure installation and maintenance of ironwork, racking, and lighting above the equipment bays. Charges for the sub-elements are specified on the Collocation Rate Summary. The common systems sub-element is distinct for standard and non-standard. In those cases where common systems materials for an individual relay rack and associated floor space are shared with the Collocator or among Collocators, the common systems materials for the floor space and relay rack associated will be apportioned on a quarter rack basis.

12.4.5 Real Estate

12.4.5.1 These rate elements provide for SBC-13STATE to recover the costs associated with preparing the Eligible Structure for telecommunications equipment (Site Conditioning) and securing the space (Safety and Security).

12.4.5.2 Site Conditioning

12.4.5.2.1 Permits SBC-13STATE to recover costs associated with preparing space within the Eligible Structure for telecommunications equipment. The nonrecurring charge for this sub-element is specified on the Collocation Rate Summary of this Appendix

12.4.5.3 Safety and Security

12.4.5.3.1 Permits SBC-13STATE to recover costs associated with securing the telecommunications area used for Virtual Collocation. The nonrecurring charge for this sub-element is specified on the Collocation Rate Summary of this Appendix .

12.4.6 Entrance Fiber Optic Arrangement

12.4.6.1 This sub-element provides for SBC-13STATE pulling and splicing fiber cable between the manhole and cable vault, and the subsequent routing of fiber riser cable between the cable vault and Fiber Distribution Frame (FDF). (Note: virtually collocated equipment may also be connected to dedicated transport facilities provided as Lawful UNEs in lieu the entrance fiber. When Virtually Collocated Equipment is connected to dedicated transport facilities in lieu of the entrance fiber, the terms, conditions and charges for such dedicated transport facilities are pursuant

to the Agreement. No recurring or non-recurring charges for dedicated transport facilities provided as used are applicable pursuant to this Appendix). Charges for this rate element are on the Collocation Rate Summary of this Appendix.

12.4.6.2 Entrance Conduit, per sheath

12.4.6.2.1 This sub-element represents any reinforced passage or opening in, on, under, over or through the ground between the first manhole and the cable vault through which the fiber optic cable is placed. Charges for this element are specified on the Collocation Rate Summary of this Appendix.

12.4.7 DC Power Arrangement Provisioning

12.4.7.1 This sub-element is the cable and cable rack including support and fabrication material necessary to support the virtually collocated equipment expressed as a monthly rate for either 2-20 AMP feeds or 2-50 AMP feeds. Fuse panels necessary for terminating power feeds at the Collocator's equipment bay are provided by the Collocator. In the event that a Collocator requires a power arrangement that exceeds 50 AMPS from a single source, SBC-13STATE will cooperatively work with the Collocator using comparable rate elements as the basis for such arrangements. Cable sizing is based on List 2 design loads. Charges for this sub-element are specified on the Collocation Rate Summary of this Appendix.

12.4.8 DC Power Amperage Charge

12.4.8.1 DC Power per AMP

12.4.8.1.1 This is a monthly recurring charge which is determined by multiplying the per DC amp rate by the total amount of DC amps provided over one of the two power feeds ordered by the Collocator for its power arrangement. By way of example, where CLEC orders DC Power in a 20-amp increment, it will be considered to have ordered two 20-amp power feeds and SBC will provision two (2) twenty (20) AMP DC power leads that have been fused (for a combined total of forty (40) AMPs),but SBC shall only bill CLEC the monthly recurring charge applicable to DC Power for a total of twenty (20) AMPs. The DC power charge per amp consists of the use of: DC power plant, backup generator, batteries & rectifiers, Battery Distribution Fuse Bay (BDFB), associated hardware & cabling, and AC energy to convert to DC power. Charges for this sub-element are specified on the Collocation Rate Summary of this Appendix.

12.4.8.2 Heating, Ventilating, and Air Conditioning (HVAC)

12.4.8.2.1 This sub-element consists of the elements necessary to provide HVAC within the Eligible Structure to the collocation arrangement and is based on the heat dissipation required for each 10 AMPS of DC Power. Charges for this sub-element are specified on the Collocation Rate Summary of this Appendix .

12.4.8.3 Ground Cable Arrangement

12.4.8.3.1 The Ground Cable Arrangement is the cabling arrangement designed to provide grounding for equipment per frame expressed as a monthly rate. Separate Ground Cable Arrangements are required for Integrated and Isolated Ground Planes. Charges for this element are specified on the Collocation Rate Summary of this Appendix.

12.4.9 DS0 Voice Grade Interconnection Cable Arrangement

12.4.9.1 This sub-element provides for the cost associated with providing DS0 voice grade (100 pairs) non-shielded or shielded between SBC-13STATE's Distributing Frame

and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate. Charges for these sub-elements are specified on the Collocation Rate Summary of this Appendix .

12.4.10 DS-1 Interconnection Cable Arrangement to Digital Cross Connect System (DCS)

12.4.10.1 This sub-element provides for the cost associated with providing 28 DS-1 cabling arrangement between SBC-13STATE's Digital Cross Connect System (DCS) functionality purchased from the Collocator's Agreement and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate.

12.4.10.2 Charges for this sub-element are specified on the Collocation Rate Summary of this Appendix.

12.4.11 DS-1 Interconnection Cable Arrangement to Digital System Cross-Connect Frame (DSX)

12.4.11.1 This sub-element provides for the cost associated with providing 28 DS-1 cabling arrangement between SBC-13STATE's Digital System Cross-Connect Frame (DSX) functionality purchased from the Collocator's Agreement and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate. Charges for this sub-element are specified on the Collocation Rate Summary of this Appendix.

12.4.12 DS-3 Interconnection Cable Arrangement to Digital Cross Connect System (DCS)

12.4.12.1 This sub-element provides for the cost associated with providing one DS-3 cabling arrangement between SBC-13STATE's Digital Cross Connect System (DCS) functionality purchased from the Collocator's Agreement and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate. Charges for this sub-element are specified on the Collocation Rate Summary of this Appendix.

12.4.13 DS-3 Interconnection Cable Arrangement to Digital System Cross-Connect Frame (DSX)

12.4.13.1 This sub-element provides for the cost associated with providing one DS-3 cabling arrangement between SBC-13STATE's Digital System Cross-Connect Frame functionality purchased from the Collocator's Agreement and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate. Charges for this sub-element are specified on the Collocation Rate Summary of this Appendix .

12.4.14 Fiber Interconnection Cable Arrangement

12.4.14.1 This sub-element provides for the cost associated with providing 12 fibers pairs between SBC-13STATE's FDF and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate. Charges for this sub-element are specified on the Collocation Rate Summary of this Appendix .

12.4.15 Timing Source Arrangement (Optional)

12.4.15.1 SBC-13STATE provided single signal from SBC-13STATE's timing source to provide synchronization between a Collocator's single network element and SBC-13STATE's equipment expressed as a recurring and non-recurring rate. Charges for this sub-element, if requested by the Collocator are specified on the Collocation Rate Summary of this Appendix .

12.4.16 Training

12.4.16.1 SBC-13STATE is responsible for determining when training is necessary and how many of SBC-13STATE's employees require training to provide 24 hour a day, seven day a week coverage for the installation, maintenance and repair of

Collocator's designated equipment not currently used in a wire center selected by the Collocator for Virtual Collocation. SBC-13STATE will be limited to request training for four (4) of SBC-13STATE's personnel per location, unless a different number is mutually agreed upon by SBC-13STATE and Collocator.

12.4.16.2 The Collocator may have SBC-13STATE arrange for the required training of SBC-13STATE's personnel. The non-recurring charges applicable for training are listed on the Collocation Rate Summary of this Appendix .

12.4.16.3 If SBC-13STATE chooses not to coordinate the required training, the Collocator will assume the responsibility for providing the training. It is then the responsibility of the Collocator to:

12.4.16.3.1 arrange and pay to the supplier all costs for training sessions, including the cost of the trainer(s), transportation and lodging of such trainer(s), and required course material, and

12.4.16.3.2 arrange and pay to each individual supplier all costs associated with lodging and other than domestic transportation, such as airfare, required for SBC-13STATE employee training.

12.4.16.3.3 arrange and pay all costs associated with SBC-13STATE employee(s) attendance at the training, including lodging and other than local transportation, such as airfare, and employee(s) labor rate for time away from the job, required for SBC-13STATE employee training.

12.4.16.4 SBC-13STATE will work cooperatively with the Collocator to schedule SBC-13STATE's personnel training time required for the installation, maintenance and repair of the Collocator's designated equipment. The Collocator will be assessed two hours of the technician additional labor charge for SBC-13STATE's personnel time required to coordinate training activities with the Collocator. The Collocator will be responsible for reimbursement of applicable Company contractual compensation obligations for time spent as a result of the necessary training. All other charges, if applicable, specified in Collocation Rate Summary of this Appendix will be assessed to the Collocator.

12.4.17 Maintenance and Repair Labor Rates

12.4.17.1 Maintenance of Equipment

12.4.17.1.1 This rate element is a labor rate charged by SBC-13STATE to the Collocator for ongoing maintenance of the Collocator's equipment. Any maintenance requirements will be initiated by the Collocator. Labor rates are based upon a 1/4 hour basis and are dependent upon day of week and time of day.

12.4.17.1.2 For purposes of this Appendix, normal weekday is defined as 8:00 a.m. through 5:00 p.m., Monday through Friday, excluding holidays. Non-recurring charges for this sub-element are specified on the Collocation Rate Summary of this Appendix .

12.4.17.2 Repair of Equipment

12.4.17.2.1 This rate element is a labor rate charged by SBC-13STATE to the Collocator for repair of the Collocator's equipment. All repair will be at the direction of the Collocator.

12.4.17.2.2 Labor rates are based upon a charge for Network Operations Center (NOC) personnel to take the trouble report, create a trouble ticket, and dispatch a technician. Labor rates for actual repair of the trouble

are based upon a 1/4 hour basis and are dependent upon day of week and time of day.

12.4.17.2.3 For purposes of this Appendix, normal weekday is defined as 8:00 a.m. through 5:00 p.m., Monday through Friday excluding holidays. Non-recurring charges for this sub-element are specified on the Collocation Rate Summary of this Appendix.

12.4.18 Collocation-to-Collocation Connection

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

12.4.18.1 Fiber Cable (12 Fiber Pair)

12.4.18.1.1 This sub-element provides for direct cabling using fiber cable (12 fibers pairs) between two collocation arrangements at an Eligible Structure. This sub-element is expressed as a combination of a non-recurring charge and a monthly rate and these charges are specified on the Collocation Rate Summary of this Appendix.

12.4.18.2 Copper Cable (28 DS1s)

12.4.18.2.1 This sub-element provides for direct cabling using copper cable (28 DS1s) between two collocation arrangements at an Eligible Structure. This sub-element is expressed as a combination of a non-recurring charge and a monthly rate and these charges are specified on the Collocation Rate Summary of this Appendix.

12.4.18.3 Coax Cable (1 DS3)

12.4.18.3.1 This sub-element provides for direct cabling using coaxial cable (1 DS3) between two collocation arrangements at an Eligible Structure. This sub-element is expressed as a combination of a non-recurring charge and a monthly rate and these charges are specified on the Collocation Rate Summary of this Appendix.

12.4.18.4 Cable Racking and Hole

12.4.18.4.1 This sub-element provides for cable rack space and hole for copper, coax and optical cabling between two collocation arrangements at an Eligible Structure. This sub-element is expressed as a monthly rate specified on the Collocation Rate Summary of this Appendix.

12.4.18.5 Route Design

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

12.4.19 Equipment Evaluation Cost

12.4.19.1 This rate element is a labor rate charged by SBC-13STATE to the Collocator for evaluating the Collocator's equipment when not meeting Level 1 Safety requirements as set forth in Telcordia Network Equipment - Building Systems (NEBS). Charges for this element are specified on the Collocation Rate Summary of this Appendix.

12.4.20 Test and Acceptance

12.4.20.1 This rate element is a labor rate charged by SBC-13STATE to the Collocator for cooperative assisting the Collocator's approved vendor in testing and accepting the

installed virtually collocated equipment. Charges for this element are specified on the Collocation Rate Summary of this Appendix.

12.5 Rate Elements for SBC-13STATE's CEVs, huts and cabinets

The following provides a list of the specific rate elements for Virtual Collocation for access to SBC-13STATE's provided Lawful UNEs in SBC-13STATE's CEVs, huts and cabinets.

12.5.1 Entrance Cable Fiber

12.5.1.1 This sub-element provides for the engineering of a point of appearance cable termination, preparation of work order drawings, postings of the work order and cable data in the appropriate databases for inventory and provisioning purposes, excavation to expose existing subsurface facilities, pulling the Collocator-provided cable into the Eligible Structure, routing, securing and preparing the end for splicing or termination.

12.5.1.2 Charges for these sub-elements are specified on the Collocation Rate Summary of this Appendix.

12.5.2 Entrance Conduit

12.5.2.1 Any reinforced passage or opening placed for the Collocator provided facility in, on, under/over or through the ground between SBC-13STATE CEV, hut, or Cabinet and the Collocator structure. Rates and charges are as found on the Collocation Rate Summary of this Appendix.

12.5.3 DC Power Amperage Charge

12.5.3.1 This sub-element provides for the use of power in the hut, CEV, or cabinet based on the amount of mounting space that is used by the Collocator as measured in 2-inch increments. Charges for this sub-element are expressed as a recurring charge and can be found on the Collocation Rate Summary of this Appendix .

12.5.4 24-Foot CEV

12.5.4.1 This sub-element provides for the use of mounting space within a 24-foot CEV. This element is expressed as a monthly rate. The charge for this sub-element is specified on the Collocation Rate Summary of this Appendix.

12.5.5 16-Foot CEV

12.5.5.1 This sub-element provides for the use of mounting space within a 16-Foot CEV. This element is expressed as a monthly rate. The charge for this sub-element is specified on the Collocation Rate Summary of this Appendix.

12.5.6 Maxi-Hut

12.5.6.1 This sub-element provides for the use of mounting space within a maxi-hut. This element is expressed as a monthly rate. The charge for this sub-element is specified on the Collocation Rate Summary of this Appendix.

12.5.7 Mini-Hut

12.5.7.1 This sub-element provides for the use of mounting space within a mini-hut. This element is expressed as a monthly rate. The charge for this sub-element is specified on the Collocation Rate Summary of this Appendix.

12.5.8 Large Cabinet

12.5.8.1 This sub-element provides for the use of mounting space within a Large Cabinet. This element is expressed as a monthly rate. The charge for this sub-element is specified on the Collocation Rate Summary.

12.5.9 Medium Cabinet

12.5.9.1 This sub-element provides for the use of mounting space within a Medium Cabinet. This element is expressed as a monthly rate. The charge for this sub-element is specified on the Collocation Rate Summary of this Appendix.

12.5.10 Small Cabinet

12.5.10.1 This sub-element provides for the use of mounting space within a Small Cabinet. This element is expressed as a monthly rate. The charge for this sub-element is specified on the Collocation Rate Summary of this Appendix.

12.5.11 Project Coordination Fee

12.5.11.1 The project coordination fee provides for SBC-13STATE personnel to survey each requested CEV, Hut and Cabinet for availability of space for placement of copper or fiber cables as well as to determine space for any Collocator-designated equipment. This sub-element is expressed as a non-recurring charge and is specified on the Collocation Rate Summary of this Appendix.

13. ALTERNATIVE VIRTUAL COLLOCATION ARRANGEMENT DESCRIPTION

13.1 Virtual Collocation wherein the Collocator maintains and repairs the virtually collocated equipment.

13.2 For purposes of virtually collocating equipment, SBC-13STATE shall determine which Eligible Structures require access to CEVs, huts, or manholes containing concentrated cabling and other forms of equipment that requires drawings, schematics, or other engineering documents that aide in the prevention of accidental network outages. The drawings, schematics, or other engineering documents shall denote the location of the requesting Collocator's equipment and cabling without disclosing identity of equipment and cabling belonging to SBC-13STATE and other Collocators.

13.3 After Collocator has been provided with written notification by SBC-13STATE that access to CEVs, huts, or manholes containing concentrated cabling and other forms of equipment requires drawings, schematics, or other engineering documents that aide in the prevention of accidental network outages, Collocator may not enter an Eligible Structures without obtaining updated copies of drawings, schematics, or other engineering documents. Upon request, SBC-13STATE shall immediately make available to Collocator those drawings, schematics, or other engineering documents that identify the location of the requesting Collocator's equipment and cabling. In the event the requested documents are not immediately available, SBC-13STATE shall not prevent the Collocator from entering the Eligible Structure. If SBC-13STATE does not immediately make the requested documents available to a Collocator and the Collocator enters the Eligible Structure, SBC-13STATE shall deliver the requested documents to Collocator immediately upon locating same.

13.4 SBC-13STATE will provide a security escort with the Collocator paying the expense for the escort. SBC-13STATE will provide the security escort as soon as reasonably possible, or within the time frame agreed to by the Parties, at the time of notice. In the event the FCC determines that SBC-13STATE may not require a security escort paid for by the Collocator, then this Virtual Collocation maintenance alternative as described in this Section and in Section 1.24 of this Appendix is null and void, and all Virtual Collocation will be maintained by SBC-13STATE as described in Section 1.3 of this Appendix.

13.5 Prior to entering an Eligible Structure that requires drawings, schematics, or other engineering documents, Collocator must provide SBC-13STATE with reasonable notice of the entry. Notice will be provided to SBC-13STATE's Local Operations Center, which will be available to receive notice twenty-four (24) hours a day, seven (7) days a week. Collocator providing notice to SBC-13STATE's Local Operations Center must specify the title and date of all drawings, schematics, or other engineering documents that will be used while in the Eligible Structure.

13.6 The Collocator shall conduct background checks of the technicians who have access to the collocation space. Collocator technicians will be security qualified by the Collocator and will be required to be

knowledgeable of SBC-13STATE security standards. Disciplinary procedures shall be established in accordance with Section 16.3 of this Appendix to ensure the safety and integrity of the Eligible Structure, including, e.g., procedures that require the responsible employee to be terminated for certain specified actions that damage or place the equipment of SBC-13STATE or other Collocators in jeopardy.

13.7 SBC-13STATE may use security devices, e.g., identification swipe cards, keyed access, and/or logs, as appropriate for the Eligible Structure where collocation will take place.

13.8 SBC-13STATE shall be permitted to recover the cost of such security devices from the Collocator in a reasonable manner. The Collocator shall provide indemnification and insurance to cover any damages caused by the Collocator's technicians at a level commensurate with the indemnification and insurance provided by SBC-13STATE's equipment suppliers with equivalent access.

13.9 Provisioning of equipment required for Virtual Collocation, e.g., power arrangements and interconnection arrangements will be provided in accordance with this Appendix.

14. OBLIGATIONS OF THE COLLOCATOR

14.1 Indemnification of SBC-13STATE

14.1.1 Except as otherwise provided, the indemnity provisions of the Agreement between SBC-13STATE and the Collocator shall apply and are incorporated herein by this reference. However, in no event will the provisions in this Section supersede or override the indemnification provisions contained in the Agreement between SBC-13STATE and Collocator. Additionally, in the event of a conflict between indemnification provisions in the Agreement and this Appendix, the provisions in the Agreement will control.

14.1.2 Collocator shall indemnify and hold harmless SBC-13STATE, the agents, employees, officers, directors and shareholders of any of them ("Indemnities"), from and against any and all liabilities, obligations, claims, causes of action, fines, penalties, losses, costs, expenses (including court costs and reasonable attorney's fees), damages, injuries, of any kind, (individually and collectively "Liabilities"), including but not limited to, Liabilities as a result of (a) injury to or death of any person; (b) damage to or loss or destruction of any property; or (c) Liabilities related in any manner to employee benefits, workers compensation, payroll tax, and any other employer obligations which may be asserted against SBC-13STATE where such liabilities arise in connection with Collocator's use of persons that it classifies as an independent contractor or subcontractor to perform obligations under this Appendix; (d) attachments, liens or claims of material persons or laborers arising out of or resulting from or in connection with this Appendix or the performance of or failure to perform and directly or indirectly caused, in whole or part, by acts of omissions, negligent or otherwise, of Collocator or a contractor or a representative of Collocator or an employee of any one of them, except to the extent such Liabilities arise from the negligence or willful or intentional misconduct of SBC-13STATE or its employees. The provisions in this Section are reciprocal and applicable also to SBC-13STATE.

14.1.3 SBC-13STATE shall make best efforts to promptly notify Collocator of any suit or other legal proceeding asserting a claim for Liabilities. Upon request, Collocator shall, at no cost or expense to the Indemnitee, defend any such suit or legal proceeding asserting a claim for Liabilities, and Collocator shall pay any costs and attorneys' fees that may be incurred by any Indemnitee in connection with any such claim, proceeding or suit. Collocator shall also (a) keep SBC-13STATE and any other Indemnitee subject to any such claim fully informed as to the progress of such defense, and (b) afford SBC-13STATE and such Indemnitee, each at its own expense, an opportunity to participate on an equal basis with Collocator in the defense or settlement of any such claim.

14.2 Insurance

The Collocator agrees to maintain, at all times, the following minimum insurance coverages and limits and any additional insurance and/or bonds required by law:

14.2.1 Workers' Compensation insurance with benefits afforded under the laws of the State of SBC-13STATE and Employers Liability insurance with minimum limits of $100,000 for Bodily Injury-each accident, $500,000 for Bodily Injury by disease-policy limits and $100,000 for Bodily Injury by disease-each employee.

14.2.2 Commercial General Liability insurance with minimum limits of: $2,000,000 General Aggregate limit; $1,000,000 each occurrence sub-limit for all bodily injury or property damage incurred in any one occurrence; $1,000,000 each occurrence sub-limit for Personal Injury and Advertising; $2,000,000 Products/Completed Operations Aggregate limit, with a $1,000,000 each occurrence sub-limit for Products/Completed Operations.

14.2.2.1 Fire Legal Liability sub-limits of $300,000 are required for lease agreements. SBC-13STATE will be named as an Additional Insured on the Commercial General Liability policy.

14.2.3 If use of an automobile is required, Automobile Liability insurance with minimum limits of $1,000,000 combined single limits per occurrence for bodily injury and property damage, which coverage shall extend to all owned, hired and non-owned vehicles. All Risk Property coverage on a full replacement cost basis insuring all of Collocator's personal property situated on or within the Eligible Structure.

14.2.4 Collocator releases SBC-13STATE from and waives any and all right of recovery, claim, action or cause of action against SBC-13STATE, its agents, directors, officers, employees, independent contractors, and other representatives for any loss or damage that may occur to equipment or any other personal property belonging to Collocator or located on or in the space at the request of Collocator when such loss or damage is by reason of fire or water or the elements or any other risks that would customarily be included in a standard all risk casualty insurance policy covering such property, regardless of cause or origin, including negligence of SBC-13STATE, its agents, directors, officers, employees, independent contractors, and other representatives. Property insurance on Collocator's fixtures and other personal property shall contain a waiver of subrogation against SBC-13STATE, and any rights of Collocator against SBC-13STATE for damage to Collocator's fixtures or personal property are hereby waived. Collocator may also elect to purchase business interruption and contingent business interruption insurance, knowing that SBC-13STATE has no liability for loss of profit or revenues should an interruption of service occur that is attributable to any Virtual Collocation arrangement provided under this Appendix.

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

14.2.6 A certificate of insurance stating the types of insurance and policy limits provided the Collocator must be received prior to commencement of any work. The insurance provisions and requirements are reciprocal to SBC-13STATE as well. If a certificate is not received, SBC-13STATE will notify the Collocator and the Collocator will have five (5) business days to cure the deficiency.

14.2.7 If the Collocator does not cure the deficiency within five (5) business days, Collocator hereby authorizes SBC-13STATE, and SBC-13STATE may, but is not required to, obtain insurance on behalf of the Collocator as specified herein. SBC-13STATE will invoice Collocator for the costs incurred to so acquire insurance.

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

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

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

14.2.10 Self-insurance in lieu of the insurance requirements listed preceding shall be permitted if the Collocator 1) has a tangible net worth of Fifty (50) Million dollars or greater, and 2) files a financial statement annually with the Securities and Exchange Commission and/or having a financial strength rating of 4A or 5A assigned by Dun & Bradstreet. The ability to self-insure shall continue so long as the Collocator meets all of the requirements of this Section. If the Collocator subsequently no longer satisfies this Section, the coverage requirements described above shall immediately apply.

14.3 Conduct While in SBC-13STATE Eligible Structures

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

14.3.1.1 Theft or destruction of SBC-13STATE's or Collocator's property;

14.3.1.2 Use/sale or attempted use/sale of alcohol or illegal drugs on SBC-13STATE's property;

14.3.1.3 Threats or violent acts against other persons on SBC-13STATE's property;

14.3.1.4 Knowing violations of any local, state or federal law on SBC-13STATE's property;

14.3.1.5 Permitting unauthorized persons access to SBC-13STATE or Collocator's equipment on SBC-13STATE's property; and

14.3.1.6 Carrying a weapon on SBC-13STATE's property.

14.3.2 In addition, Collocator and SBC-13STATE will take appropriate disciplinary steps as determined by each Party to address any violations reported by SBC-13STATE or the Collocator of SBC-13STATE's policies and practices on security, safety, network reliability, and business conduct as defined in SBC-13STATE's Interconnector's Collocation Services Handbook at https://clec.sbc.com/clec for Virtual Collocation in 13-STATES, provided the Handbook and any and all updates to it are timely provided to Collocator at no charge.

14.3.3 Collocator technicians will be security qualified by the Collocator and will be required to be knowledgeable of SBC-13STATE security standards. Collocator personnel and technicians will undergo the same level of security training, or its equivalent that SBC-13STATE's own employees and authorized contractors must undergo. SBC-13STATE will not, however, require Collocator to receive security training from SBC-13STATE, but will provide information to Collocator on the specific type of training required. Collocator can then provide its employees with their own security training. Qualification program and security training details shall be included in SBC-13STATE's Interconnector's Collocation Services Handbook for Virtual Collocation in SBC-13STATE.

15. COOPERATIVE RESPONSIBILITIES

15.1 Qualification of Collocator

15.1.1 Collocator technicians will be security qualified by the Collocator and will be required to be knowledgeable of SBC-13STATE's security standards. Collocator personnel and technicians will undergo the same level of security training, or its equivalent that SBC-13STATE's own

employees and authorized contractors must undergo. SBC-13STATE will not, however, require Collocator to receive security training from SBC-13STATE, but will provide information to Collocator on the specific type of training required. Collocator can then provide its employees with their own security training. Qualification program and security training details shall be included in SBC-13STATE's Interconnector's Collocation Services Handbook at https://clec.sbc.com/clec/ for Virtual Collocation in 13-STATES.

16. RATE REGULATIONS

The rate element descriptions and rates and charges included in Section 14 preceding apply to this Virtual Collocation alternative wherein the Collocator maintains and repairs the virtually collocated equipment. Additional rate elements and rates apply to this alternative as provided for below.

16.1 Rate Elements for SBC-13STATE's Offices

16.1.1 This security escort charge consists of the charges for SBC-13STATE provided security escorts for Collocator Vendor's access to their Virtual Collocation space in staffed and unstaffed Central Offices. Any escort requirements will be initiated by the Collocator. Labor rates are based upon a ¼ hour basis and are dependent upon day of week and time of day. For purposes of this Appendix, normal week day is defined as 8:00 a.m. through 5:00 p.m., Monday through Friday, excluding holidays. The billing period will start at the time the technician is contacted. This will allow for travel time to reach the agreed meet point. Access requests outside of normal business hours or for unstaffed Central Offices which are cancelled will be subject to the minimum four (4) hour call out charge. Non-recurring charges for this sub-element are specified on the Collocation Rate Summary.

16.2 Rate Element for SBC-13STATE's CEV, Hut, and Cabinets

16.2.1 The security escort charge consists of the charges for SBC-13STATE provided security escorts for Collocator Vendor's access to their Virtual Collocation space in CEVs, huts and cabinets. Any escort requirements will be initiated by the Collocator. Labor rates are based upon a 1/4 hour basis. The billing period will start at the time the technician is contacted. This will allow for travel time to reach the agreed upon meet point. Access requests which are cancelled will be subject to the minimum four (4) hour call-out charge. Rates and charges are as found on the Collocation Rate Summary.

16.3 Application of Rates and Charges

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

17. CDOW (CLECs DOING OWN WORK) - COLLOCATOR RESPONSIBILITIES

When the Collocator selects the option to provide, install, and terminate its interconnection and power cabling with an SBC-13STATE Approved Vendor, the following Sections will apply. However, the terms and conditions within CDOW are not comprehensive. There are terms and conditions from the preceding Sections of this same Appendix that still apply for CDOW for rate elements that are not specifically addressed within Section 19 following.

17.1 Interconnection Cable

17.1.1 The Collocator has the option to provide, install and terminate its interconnection cabling between the Collocator's dedicated space and SBC-13STATE Main Distribution Frame (MDF) or its equivalent by SBC-13STATE Approved Vendor. This option is only available if Collocator does all three (3) activities associated with interconnection cabling: provide, install and terminate. The Collocator may not elect to do some but not all the activities. Collocator must indicate on its Virtual Collocation application that it has selected this option to apply to all interconnection cabling requested on the application. If Collocator selects this option, the Collocator must also select the option to provide, install and terminate its power cable leads described in Section 19.2. If Collocator selects this option, SBC-13STATE will install and stencil termination blocks or panels at SBC-13STATE Main Distribution Frame (MDF) or its equivalent for the handoff of the Actual Point of Termination (APOT) Connection(s) to the Collocator's SBC-13STATE Approved Vendor. Intervals and provisioning for this offering are found in Section 19.3.1 through 19.3.5. The Collocator's SBC-13STATE Approved Vendor must obtain an approved Method Procedure (MOP) from SBC-13STATE and follow SBC-13STATE's Technical Publication TP 76300MP for installation of equipment and cable facilities.

17.2 DC Power Arrangement Provisioning

17.2.1 The Collocator has the option to provide, install and terminate its power cable leads between the Collocator's Dedicated Space and SBC-13STATE's Battery Distribution Fuse Bay (BDFB) by SBC-13STATE Approved Power Installation Vendor. When SBC-13STATE designated power termination point is at the Power Plant Primary Distribution, the Collocator's SBC-13STATE Approved Power Installation Vendor will provide and install the power cable leads, but not terminate.

17.2.2 The Collocator must contact SBC-13STATE project manager five (5) business days prior to scheduling a request for the termination of the Collocator's power cable leads to SBC-13STATE Power Plant Primary Distribution, which will be performed by SBC-13STATE. This option is only available if the Collocator does all three (3) activities associated with the power cable lead unless described otherwise within this Section.

17.2.3 The Collocator may not elect to do some but not all the activities unless otherwise permitted in this Section. If Collocator selects this option, the Collocator must also select the option to provide, install and terminate its interconnection cabling described in Section 19.1. Intervals and provisioning for this offering are found in Section 19.3.1 through 19.3.5. The Collocator's SBC-13STATE Approved Power Installation Vendor must obtain an approved Method of Procedures (MOP) from SBC-13STATE and follow SBC-13STATE's Technical Publication TP 76300MP for installation of equipment and cable facilities.

17.3 Intervals and Provisioning

17.3.1 Implementation Intervals when CLEC hires SBC-13STATE Approved Vendor Installs Interconnection and Power Cabling.

17.3.1.1 SBC-13STATE will provide Virtual Collocation arrangements in Eligible Structures on a "first-come, first-served" basis. The determination whether there is sufficient space to accommodate Virtual Collocation at a particular Eligible Structure will be made initially by SBC-13STATE. SBC-13STATE will notify Collocator as to whether its request for space has been granted or denied due to a lack of space within ten (10) calendar days from receipt of a Collocator's accurate and complete Virtual Collocation Application. If SBC-13STATE determines that Collocator's Virtual Collocation Application is unacceptable, SBC-13STATE shall advise Collocator of any deficiencies within this ten (10) calendar day period. SBC-13STATE shall provide Collocator with sufficient detail so that Collocator has a reasonable opportunity to cure each deficiency. To retain its place in the queue to obtain the Virtual Collocation arrangement, Collocator must cure any deficiencies in its

Application and resubmit such Application within ten (10) calendar days after being advised of the deficiencies. Any changes to the amount or type of floor space, interconnection terminations, and power requested from the originally submitted Virtual Collocation Application will not be considered a deficiency, but rather as a new Virtual Collocation Application with a new ten (10) calendar day space notification and a new delivery interval. The delivery intervals set forth in this Section 19.3 is for new and augment Virtual Collocation Applications and apply only when the Collocator installs interconnection and power cabling.

17.3.1.2 The delivery interval relates to the period in which SBC-13STATE shall construct and turnover to the Collocator's SBC-13STATE Approved Vendor the requested Virtual Collocation Space. The delivery interval begins on the date SBC-13STATE receives a complete and accurate Virtual Collocation Application from the Collocator. The Collocator must provide SBC-13STATE, within seven (7) calendar days from the date of notification granting the application request, a confirmatory response in writing to continue construction along with the fifty percent (50%) payment of non-recurring charges (unless payment was received with application) or the delivery interval provided in table below will not commence until such time as SBC-13STATE has received such response and payment. If the Collocator has not provided SBC-13STATE such response and payment by the twelfth (12th) calendar day after the date SBC-13STATE notified Collocator its request has been granted, the application will be canceled. Dedicated space is not reserved until SBC-13STATE's receipt of the confirmatory response in writing from the Collocator with applicable fees. The delivery interval for Virtual Collocation is determined by SBC-13STATE taking into consideration the various factors set forth in Table (1) below including, without limitation, the number of all Virtual Collocation Applications submitted by Collocator and the need for additional preparation of the space such as overhead racking, additional power or HVAC. The delivery interval assigned will be provided to the Collocator by SBC-13STATE with the ten (10) calendar day space notification. Each complete and accurate Virtual Collocation Application received by SBC-13STATE from the Collocator will be processed in the order received unless the Collocator provides a priority list, whichever is applicable.

Table 1

Number of All Applications submitted by One Collocator per state or metering region	Overhead Iron/Racking Exists for Virtual Collocation Space Use	Overhead Iron/Racking Does Not Exist for Virtual Collocation Space Use	Additional Power or HVAC is Required for Virtual Collocation Space Use
1 – 10	60 calendar days	80 calendar days	180 calendar days
11 - 20	65 calendar days	85 calendar days	185 calendar days

17.3.1.3 Should the Collocator submit twenty-one (21) or more applications within ten (10) business days, the above delivery intervals will be increased by five (5) days for every five (5) additional applications or fraction thereof. Any material revision to an application will be treated as a new application and the delivery intervals set forth in Table (1) above will be re-started. All Virtual Collocation Applications received by SBC-13STATE from a Collocator within a ten (10) business day period shall be treated as submitted at the same time for purposes of administering the above

staggering intervals. The Virtual Collocation delivery interval ends when roughed in and the assigned space has been distinctly marked by SBC-13STATE.

17.3.1.4 For example, but not by way of limitation, if a Collocator submits twelve (12) complete and accurate Virtual Collocation Applications in a state, the delivery intervals assigned by SBC-13STATE will depend on which variables apply within each Eligible Structure Virtual Collocation is requested:

17.3.1.5 If Applications (1-4) are for Virtual Collocation Space where overhead racking exists, the delivery intervals assigned will be sixty (60) days. If Applications (5-11) are for Virtual Collocation Space where overhead racking does not exist, the delivery intervals assigned to Applications (5-10) will be eighty (80) calendar days and Application (11) will be assigned eighty five (85) calendar days. The Virtual Collocation Application (12) was requested in an Eligible Structure that needs additional HVAC added and would be assigned one hundred and eight five (185) calendar days.

17.3.2 Payment

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

17.3.3 Cable Augments

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

17.3.3.1.1 168 DS1 connections and/or

17.3.3.1.2 48 DS3 connections and/or

17.3.3.1.3 400 Copper (shielded or nonshielded) cable pair connections and/or

17.3.3.1.4 12 fiber pair connections

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

17.3.3.3 The cabling Augment interval is determined by SBC-13STATE taking into consideration the various factors set forth in Table (2) below including, without limitation, the number of all Virtual Collocation Applications for the above Augments submitted by Collocator, the type of infrastructure available for collocation, and the need for additional preparation of the infrastructure such as overhead racking and additional power. The cabling Augment interval assigned will be provided to the Collocator by SBC-13STATE with the ten (10) calendar day Augment notification. Each complete and accurate Virtual Collocation Application received by SBC-13STATE from the Collocator will be processed in the order received unless the Collocator provides a priority list, whichever is applicable.

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

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

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

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

17.3.4 All Other Augments

17.3.4.1 For all Augments other than provided above, SBC-13STATE will work cooperatively with Collocator to negotiate a mutually agreeable delivery intervals.

17.3.5 Walk-Through Visit

17.3.5.1 Within twenty (20) calendar days or mutually agreed upon time, from SBC-13STATE's receipt of the confirmatory response in writing to continue construction on the Virtual Collocation job requested along with the 50% payment of non-recurring charges (unless payment was received with application), Network Support and/or appropriate departments will schedule a walk through visit with the CLEC and/or vendor to provide floor plans of space and the preliminary route design for the interconnection and power cabling.

17.4 Rates Elements for SBC-13STATE Central Offices

17.4.1 DC Power Arrangement Provisioning

17.4.1.1 When the Collocator selects the option to install the power cable by SBC-13STATE Approved Power Installation vendor, only the rack occupancy and on-going maintenance of the rack charge will apply. This is expressed as a monthly rate as specified on the Collocation Rate Summary of this Appendix.

17.4.2 DS0 Voice Grade Cable Arrangement

17.4.2.1 When the Collocator selects the option to provide and install the interconnection cabling by a SBC-13STATE approved vendor, the DS0 Voice Grade Terminal blocks at the MDF, rack occupancy, and on-going maintenance charges will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary of this Appendix.

17.4.3 DS-1 Interconnection Cable Arrangement to Digital Cross Connect System (DCS)

17.4.3.1 When the Collocator selects the option to provide and install the interconnection cabling by SBC-13STATE approved vendor, the DS-1 Port, rack occupancy, and on-going maintenance charges will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary of this Appendix .

17.4.4 DS-1 Interconnection Cable Arrangement to Digital System Cross-Connect Frame

17.4.4.1 When the Collocator selects the option to provide and install the interconnection cabling by SBC-13STATE approved vendor, the Digital System Cross-Connect Frame at the MDF, rack occupancy, and on-going maintenance charges will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary of this Appendix.

17.4.5 DS-3 Interconnection Cable Arrangement to Digital Cross Connect System (DCS)

17.4.5.1 When the Collocator selects the option to provide and install the interconnection cabling by SBC-13STATE approved vendor, the DS-3 Port, rack occupancy, and on-going maintenance charges will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary of this Appendix.

17.4.6 DS-3 Interconnection Cable Arrangement to Digital System Cross-Connect Frame

17.4.6.1 When the Collocator selects the option to provide and install the interconnection cabling by SBC-13STATE approved vendor, the Digital System Cross-Connect Frame at the MDF, rack occupancy, and on-going maintenance charges will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary. of this Appendix

17.4.7 Fiber Interconnection Cable Arrangement

17.4.7.1 When the Collocator selects the option to provide and install the interconnection cabling by a SBC-13STATE approved vendor, the Fiber terminating panel at the FDF-1 Port, rack occupancy, and on-going maintenance charges will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary of this Appendix.

17.4.8 Collocation to Collocation Connection

17.4.8.1 This rate element include virtual to virtual and virtual to physical connection options.

17.4.8.1.1 Fiber Cable (12 Fiber Pair)

17.4.8.1.1.1 When the Collocator selects the option to provide and install the interconnection cabling by a SBC-13STATE approved vendor, the charge for on-going maintenance of the rack will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary of this Appendix.

17.4.8.2.1 Copper Cable

17.4.8.2.1.1 When the Collocator selects the option to provide and install the interconnection cabling by a SBC-13STATE approved vendor, the charge for on-going maintenance of the rack will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary of this Appendix.

17.4.8.3.1 Coax Cable

17.4.8.3.1.1 When the Collocator selects the option to provide and install the interconnection cabling by a SBC-13STATE approved vendor, the charge for on-going maintenance will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary of this Appendix.

17.4.8.4.1 Cable Racking and Hole

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

17.4.8.5.1 Route Design

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

APPENDIX
PHYSICAL COLLOCATION

TABLE OF CONTENTS

1. INTRODUCTION 3
2. DEFINITIONS 4
3. LIMITATION OF LIABILITY AND FORCE MAJEURE EVENTS 6
4. RESPONSIBILITIES OF SBC-13STATE 7
5. OBLIGATIONS OF THE COLLOCATOR 9
6. ORDERING AND PROVISIONNG 12
7. USE BY OTHER LOCAL SERVICE PROVIDERS 27
8. FIBER OPTIC CABLE DEMARCATION POINT 28
9. USE OF DEDICATED SPACE 28
10. STANDARDS 32
11. RE-ENTRY 33
12. INDEMNIFICATION OF SBC-13STATE 33
13. SERVICES AND MAINTENANCE 34
14. SBC-13STATE'S RIGHT OF ACCESS 34
15. GENERAL 34
16. PREPARATION CHARGES 35
17. CHARGES 36
18. REGENERATION 36
19. RATE REGULATIONS 37
20. RATES AND CHARGES – ILEC PRICING SCHEDULE 49
21. CDOW (CLECS DOING OWN WORK) – COLLOCATOR RESPONSIBILITIES 49

APPENDIX PHYSICAL COLLOCATION

1. INTRODUCTION

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

1.1 Process

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

1.2 Scope

Physical Collocation provides actual space (hereinafter referred to as Dedicated Space) within SBC-13STATE Eligible Structure as defined in Section 2, Definitions, following. The Collocator will lease the Dedicated Space from SBC-13STATE and install certain of its own telecommunications equipment within the Dedicated Space that is necessary for the purposes set forth in Section 1.3, following. SBC-13STATE will provide caged, shared caged, cageless, and other Physical Collocation arrangements within its Eligible Structures. When space is Legitimately Exhausted inside an Eligible Structure, SBC-13STATE will permit collocation in Adjacent Structures located on SBC-13STATE's property in accordance with this Appendix so that Collocator will have a variety of collocation options from which to choose.

1.3 Purpose

Physical Collocation is available to telecommunications carriers for the placement of telecommunications equipment as provided for in this Appendix solely for the purposes of (i) transmitting and routing Telephone Exchange service or Exchange Access pursuant to 47 U.S.C. § 251(c)(2) of the Act and applicable effective FCC regulations and judicial rulings, or (ii) obtaining access to SBC-13STATE's Lawful Unbundled Network Elements (Lawful UNEs) pursuant to 47 U.S.C. § 251(c)(3) of the Act including lawful and effective FCC rules and associated lawful and effective FCC and judicial orders. The terms "Telephone Exchange Service", "Exchange Access" and "Network Element" are used as defined in 47 U.S.C. § 153(47), 47 U.S.C. § 153(16), and 47 U.S.C. § 153(29) of the Act, respectively.

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

2. DEFINITIONS

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

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

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

2.3.1 Such arrangement shall be used for interconnection or access to Lawful UNEs. When the Collocator elects to utilize an Adjacent Off-site Arrangement, the Collocator shall provide both the AC and DC power required to operate such facility. The Collocator may provide its own facilities to SBC-13STATE's premises or to a mutually agreeable meet point from its Adjacent Off-site location for interconnection purposes. The Collocator may subscribe to facilities available in the UNE rate schedule of the Collocator's Agreement. The rates established in this Appendix for Adjacent Off-site Arrangement apply only if Collocator's Adjacent off-site Arrangement is located on a property that is contiguous to or within one standard city block of SBC-13STATE's Central Office or Eligible Structure.

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

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

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

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

2.6 Custom Work Charge – Denotes the charge(s) developed solely to meet the construction requirements of the Collocator, (e.g., painting a cage). Custom work may not be charged to Collocator for any work performed which will benefit or be used by SBC-13STATE or other collocators. SBC-13STATE also may not impose a Custom Work Charge without the Collocator's approval and agreement that the

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

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

2.8 Dedicated Space - Denotes the space dedicated for the Collocator's Physical Collocation arrangement located in SBC-13STATE Eligible Structure.

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

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

2.11 Installation Supplier - Suppliers/vendors that are approved to perform central office installation work for SBC and for CLEC in SBC eligible structures in all collocation footprints areas and/orSBC common areas in the technologies and georgraphical locations for which they are approved SBC.

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

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

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

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

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

2.16 Telecommunications Infrastructure Space – Denotes the square footage or linear footage of space, including common areas, used to house telecommunications infrastructure equipment necessary to support collocation space used for interconnection with or access to Lawful UNEs of SBC-13STATE's network.

3. LIMITATION OF LIABILITY AND FORCE MAJEURE EVENTS

3.1 Limitation of Liability

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

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

3.1.3 Both SBC-13STATE and the Collocator shall be indemnified and held harmless by the other against claims and damages by any third Party arising from provision of the other ones' services or equipment except those claims and damages directly associated with the provision of services to each other which are governed by the provisioning Party's applicable agreements and/or tariffs.

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

3.2 Third Parties

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

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

3.3 Force Majeure Events

3.3.1 No Party shall be responsible for delays or failures in performance of any part of this Agreement (other than an obligation to make money payments) resulting from acts or occurrences beyond the reasonable control of such Party, including, but not limited to acts of nature, acts of civil or military authority, any law, order, regulation, ordinance of any Governmental Authority, embargoes, epidemics, terrorist acts, riots, insurrections, fires, explosions, earthquakes, nuclear

accidents, hurricanes, floods, work stoppages, power blackouts, volcanic action, other major environmental disturbances, unusually severe weather conditions, or omissions of transportation carriers (individually or collectively, a **"Force Majeure Event"**) or any Delaying Event caused by the other Party or any other circumstances beyond the Party's reasonable control. If a Force Majeure Event shall occur, the Party affected shall give prompt written notice to the other Party of such Force Majeure Event specifying the nature, date of inception and expected duration of such Force Majeure Event, whereupon such obligation or performance shall be suspended to the extent such Party is affected by such Force Majeure Event during the continuance thereof or be excused from such performance depending on the nature, severity and duration of such Force Majeure Event (and the other Party shall likewise be excused from performance of its obligations to the extent such Party's obligations relate to the performance so interfered with). The affected Party shall use reasonable and diligent efforts to avoid or remove the cause of nonperformance and the Parties shall give like notice and proceed to perform with dispatch once the causes are removed or cease.

4. RESPONSIBILITIES OF SBC-13STATE

4.1 Right to Use; Multiple Dedicated Spaces

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

4.2 Contact Numbers

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

4.3 Trouble Status Reports

4.3.1 SBC-13STATE is responsible for making best efforts to provide prompt verbal notification to the Collocator of significant outages or operations problems which could impact or degrade the Collocator's network, switches or services, with an estimated clearing time for restoral. In addition, SBC-13STATE will provide written notification within twenty-four (24) hours. When trouble has been identified, SBC-13STATE is responsible for providing trouble status reports, consistent with Section 5.3 of this Appendix, when requested by the Collocator.

4.4 Service Coordination

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

4.5 Casualty Loss

4.5.1 Damage to Dedicated Space

4.5.1.1 If the Dedicated Space is damaged by fire or other casualty that is not the result of the Collocator's actions, and (1) the Dedicated Space is not rendered untenantable in whole or in part, SBC-13STATE shall repair the same at its expense (as hereafter limited) and the monthly charge shall not be abated, or (2) the Dedicated Space is rendered untenantable in whole or in part and such damage or destruction can be repaired within ninety (90) business days, SBC-13STATE has the option to repair the Dedicated Space at its expense (as hereafter limited) and the monthly charges shall be proportionately abated while the Collocator was deprived of the use. If the Dedicated Space cannot be

repaired within ninety (90) business days, or SBC-13STATE opts not to rebuild, then SBC-13STATE shall notify the Collocator within thirty (30) business days following such occurrence that the Collocator's use of the Dedicated Space will terminate as of the date of such damage. Upon the Collocator's election, SBC-13STATE must provide to the Collocator, a comparable substitute collocation arrangement at another mutually agreeable location at the applicable nonrecurring charges for that arrangement and location.

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

4.5.2 Damage to Eligible Structure

4.5.2.1 In the event that the Eligible Structure in which the Dedicated Space is located shall be so damaged by fire or other casualty that closing, demolition or substantial alteration or reconstruction thereof shall, in SBC-13STATE's opinion be advisable, then, notwithstanding that the Dedicated Space may be unaffected thereby, SBC-13STATE, at its option, may terminate services provided via this Appendix by giving the Collocator ten (10) business days prior written notice within thirty (30) business days following the date of such occurrence, if at all possible.

4.6 Construction Notification

4.6.1 SBC-13STATE will notify the Collocator prior to the scheduled start dates of all major construction activities (including power additions or modifications) in the general area of the Collocator's Dedicated Space with potential to disrupt the Collocator's services. SBC-13STATE will provide such notification to the Collocator at least twenty (20) business days before the scheduled start date of such major construction activity. SBC-13STATE will inform the Collocator as soon as practicable by telephone of all emergency-related activities that SBC-13STATE or its subcontractors are performing in the general area of the Collocator's Dedicated Space, or in the general area of the AC and DC power plants which support the Collocator's equipment. If possible, notification of any emergency-related activity will be made immediately prior to the start of the activity so that the Collocator may take reasonable actions necessary to protect the Collocator's Dedicated Space.

4.7 Construction Inspections

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

5. OBLIGATIONS OF THE COLLOCATOR

5.1 Certification

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

5.2 Contact Numbers

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

5.3 Trouble Report

5.3.1 The Collocator is responsible for making best efforts to provide prompt verbal notification to SBC-13STATE of significant outages or operations problems which could impact or degrade SBC-13STATE's network, switches or services, with an estimated clearing time for restoral. In addition, Collocator will provide written notification within 24 hours. When trouble has been identified, Collocator is responsible for providing trouble status reports, consistent with Section 4.3 of this Appendix, when requested by SBC-13STATE.

5.4 Removal

5.4.1 The Collocator is responsible for removing any equipment, property or other items that it brings into the Dedicated Space or any other part of the Eligible Structure in which the Dedicated Space is located within thirty (30) business days after discontinuance or termination of the Physical Collocation arrangement. After such time, SBC-13STATE may remove the abandoned materials and the Collocator is responsible for payment of any and all claims, expenses, fees or other costs associated with any such removal by SBC-13STATE, including any materials used in the removal and the time spent on such removal, at the hourly rate for custom work. The Collocator will hold SBC-13STATE harmless from the failure to return any such equipment, property or other items.

5.5 Hazardous Waste and Materials

5.5.1 The Collocator and its vendors shall adhere to all federal, state and local regulations regarding hazardous material/waste. In addition, the telecommunications carrier's Installation Supplier shall adhere to all SBC-13STATE requirements. The Installation Supplier shall coordinate with the SBC-13STATE representative before any activity relating to hazardous material/waste is started Interconnector's Guide for Collocation may be accessed via https://clec.sbc.com/clec, Products and Services, Collocation Services, Handbook 13State, Appendix B.

5.6 Safety

5.6.1 The Installation Supplier shall be entirely responsible for the safety and instruction of its employees or representatives. The Installation Supplier shall take precautions to avoid harm to personnel, equipment, and building (e.g., cutting installed threaded rod) of SBC-13STATE or other telecommunications carriers. The Installation Supplier shall immediately report to the SBC-13STATE representative any accident, outside agency inspection or hazardous condition, such as any accident or injury that occurs to employees or subcontractors of the Installation Supplier while on SBC-13STATE premises or any OSHA inspection or citations issued to the Installation Supplier while on SBC-13STATE premises. (Refer to Interconnector's Guide for Collocation for further details.)

5.7 Collocator's Equipment and Facilities

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

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

5.7.1.2 its equipment;

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

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

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

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

5.8 Insurance

5.8.1 Coverage Requirements

5.8.1.1 The Collocator agrees to maintain, at all times, the following minimum insurance coverage and limits and any additional insurance and/or bonds required by law:

5.8.1.1.1 Workers' Compensation insurance with benefits afforded under the laws of the State of SBC-13STATE and Employers Liability insurance with minimum limits of $100,000 for Bodily Injury-each accident, $500,000 for Bodily Injury by disease-policy limits and $100,000 for Bodily Injury by disease-each employee.

5.8.1.1.2 Commercial General Liability insurance with minimum limits of: $2,000,000 General Aggregate limit; $1,000,000 each occurrence sub-limit for all bodily injury or property damage incurred in any one occurrence; $1,000,000 each occurrence sub-limit for Personal Injury and Advertising; $2,000,000 Products/Completed Operations Aggregate limit, with a $1,000,000 each occurrence sub-limit for Products/Completed Operations. Fire Legal Liability sub-limits of $300,000 are required for lease agreements. SBC-13STATE will be named as an Additional Insured on the Commercial General Liability policy.

5.8.1.1.3 If use of an automobile is required, Automobile Liability insurance with minimum limits of $1,000,000 combined single limits per occurrence for bodily injury and property damage, which coverage shall extend to all owned, hired and non-owned vehicles.

5.8.1.1.4 All Risk Property coverage on a full replacement cost basis insuring all of Collocator's personal property situated on or within the Eligible Structure or the Dedicated Space. Collocator releases SBC-13STATE from and waives any and all right of recovery, claim, action or cause of action against SBC-13STATE, its agents, directors, officers, employees, independent contractors, and other representatives for any loss or damage that may occur to equipment or any other personal property belonging to Collocator or located on or in the space at the request of Collocator when such loss or damage is by reason of fire or water or the elements or any other risks that would customarily be included in a standard all risk casualty insurance policy covering such property, regardless of cause or origin, including negligence of SBC-13STATE, its agents, directors, officers, employees, independent contractors, and other representatives.

5.8.1.1.5 Property insurance on Collocator's fixtures and other personal property shall contain a waiver of subrogation against SBC-13STATE, and any rights of Collocator against SBC-13STATE for damage to Collocator's fixtures or personal property are hereby waived. Collocator may also elect to purchase business interruption and contingent business interruption insurance, knowing

that SBC-13STATE has no liability for loss of profit or revenues should an interruption of service occur that is attributable to any Physical Collocation arrangement provided under this Appendix.

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

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

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

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

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

5.8.2 Self-Insured

5.8.2.1 Self-insurance in lieu of the insurance requirements listed preceding shall be permitted if the Collocator 1) has a tangible net worth of Fifty (50) Million dollars or greater, and 2) files a financial statement annually with the Securities and Exchange Commission and/or having a financial strength rating of 4A or 5A assigned by Dun & Bradstreet. The ability to self-insure shall continue so long as the Collocator meets all of the requirements of this Section. If the Collocator subsequently no longer satisfies this Section 5.8.1, Coverage Requirements, shall immediately apply.

6. ORDERING AND PROVISIONING

6.1 Dedicated Space

6.1.1 Types of Available Physical Collocation Arrangements

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

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

6.1.1.1.1 SBC-13STATE will provide floor space, floor space site conditioning, cage common systems materials, cage preparation, and safety and security charges in increments of one (1) square foot. For this reason, Collocator will be able to order space and a cage enclosure in amounts as small as that sufficient to house and maintain a single rack or bay of equipment, (i.e., 50 square feet of cage space for a single bay) and will ensure that the first collocator in a SBC-

13STATE premises will not be responsible for the entire cost of site preparation and security. Rates and charges are as found in Section 20 following.

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

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

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

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

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

6.1.1.5 Adjacent Space Collocation – Where Physical Collocation space within SBC-13STATE Eligible Structure is Legitimately Exhausted, as that term is defined in Section 2 of this Appendix, SBC-13STATE will permit Collocator to physically collocate on SBC-13STATE's property in adjacent controlled environmental vaults or similar structures that SBC-13STATE uses to house telecommunication equipment, to the extent technically feasible. SBC-13STATE and telecommunications carrier will mutually agree on the location of the designated space on SBC-13STATE premises where the adjacent structure will be placed. SBC-13STATE will not unreasonably withhold agreement as to the site desired by Collocator. Safety and maintenance requirements, zoning and other state and local regulations are all reasonable grounds to withhold agreement as to the site desired by the Collocator. SBC-13STATE will offer the following increments of power to the Adjacent On-site structure: SBC-13STATE will provide a standard offering of 100 AMPS of AC power to the adjacent structure when Central Office Switchboard AC capacity exists. SBC-13STATE will provide DC power within two cable options that allow increments of 2-100 Amp Power Feeds, 2-200 Amp Power Feeds, 2-300 Amp Power

Feeds, and 2-400 Amp Power Feeds to the adjacent structure from the Central Office Power source. At its option, the Collocator may choose to provide its own AC and DC power to the adjacent structure. SBC-13STATE will provide Physical Collocation services to such adjacent structures, subject to the same requirements as other collocation arrangements in this Appendix. SBC-13STATE shall permit Collocator to place its own equipment, including, but not limited to, copper cables, coaxial cables, fiber cables and telecommunications equipment, in adjacent facilities constructed by either SBC-13STATE or the Collocator. Collocator shall be responsible for securing all required licenses and permits, the required site preparations and shall further retain responsibility for securing and/or constructing the adjacent structure and any building and site maintenance associated with the placement of such adjacent structure.

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

6.1.1.5.2 The Adjacent Off-site Arrangement is available if the Collocator's site is located on a property that is contiguous to or within one standard city block of the SBC-13STATE Central Office or Eligible Structure. Such arrangement shall be used for interconnection and access to Lawful UNEs. When the Collocator elects to utilize an Adjacent Off-site Arrangement, the Collocator shall provide both the AC and DC power required to operate such facility. The Collocator may provide its own facilities to SBC-13STATE's premises or to a mutually agreeable meet point from its Adjacent Off-site location for interconnection purposes. The Collocator may subscribe to facilities available in the UNE rate schedule of the Collocator's Agreement.

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

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

6.1.1.6 SBC-13STATE will provide other collocation arrangements that have been demonstrated to be technically feasible. Deployment by any incumbent LEC of a collocation arrangement gives rise to a rebuttable presumption in favor of a telecommunications carrier seeking collocation in SBC-13STATE's Eligible Structures that such an arrangement is technically feasible.

6.1.2 Space Determination

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

6.1.3 Security

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

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

6.1.3.1.1.1 Collocator personnel and technicians will undergo the same level of security training or its equivalent that SBC-13STATE's own employees and authorized contractors must undergo. SBC-13STATE will not, however, require Collocator to receive security training from SBC-13STATE, but will provide information to Collocator on the specific type of training required.

6.1.3.1.1.2 Collocator can then provide its employees with its own security training. Qualification program and security training details shall be included in SBC-13STATE's Technical Publications via https://clec.sbc.com/clec.

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

6.1.3.1.2.1 Theft or destruction of SBC-13STATE's or Collocator's property;

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

6.1.3.1.2.3 Threats or violent acts against other persons on SBC-13STATE property;

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

6.1.3.1.2.5 Permitting unauthorized persons access to SBC-13STATE or Collocator's equipment on SBC-13STATE property; and

6.1.3.1.2.6 Carrying a weapon on SBC-13STATE property.

In addition, Collocator and SBC-13STATE will take appropriate disciplinary steps as determined by each Party to address any violations reported by SBC-13STATE or the Collocator of SBC-13STATE's policies and practices on security, safety, network reliability, and business conduct as defined in SBC-13STATE's Interconnector's Collocation Services Handbook https://clec.sbc.com/clec for Physical Collocation in SBC-13STATE, provided the Handbook and any and all updates to it are timely provided to Collocator at no charge.

6.1.3.1.3 Collocator will provide indemnification as set forth in Section 12 of this Appendix and insurance as set forth in Section 5.8 of this Appendix to cover any damages caused by the Collocator's technicians at a level commensurate with the indemnification and insurance provided by SBC-13STATE -authorized contractors with equivalent access. The indemnification provisions and requirements are reciprocal to SBC-13STATE as well.

6.1.3.1.4 SBC-13STATE may use reasonable security measures to protect its equipment. In the event SBC-13STATE elects to erect an interior security partition in a given Eligible Structure to separate its equipment, SBC-13STATE may recover the costs of the partition in lieu of the costs of other reasonable security measures if the partition costs are lower than the costs of any other reasonable security measure for such Eligible Structure. In no event shall a telecommunications carrier be required to pay for both an interior security partition to separate SBC-13STATE's equipment in an Eligible Structure and any other reasonable security measure for such Eligible Structure.

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

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

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

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

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

6.1.3.1.4.6 If SBC-13STATE elects to erect an interior security partition and recover the cost, it must demonstrate to the Collocator that other reasonable security methods cost more than an interior security partition around SBC-13STATE's equipment at the time the price quote is given.

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

6.1.4 Interval

6.1.4.1 SBC-13STATE will provide Physical Collocation arrangements in Eligible Structures on a "first-come, first-served" basis. To apply for a Dedicated Space in a particular Eligible Structure, the Collocator will provide a completed Physical Collocation application form found in SBC-13STATE's Interconnector's Collocation Services Handbook https://clec.sbc.com/clec for Physical Collocation in SBC-13STATE and will pay an initial Planning Fee (see Section 19. 2.1).

6.1.4.1.1 A Collocator wishing SBC-13STATE to consider multiple methods for collocation in an Eligible Structure on a single application will need to include in each application a prioritized list of its preferred methods of collocating, e.g., caged, shared, cageless, or other, as well as adequate information, (e.g., specific layout requirements, cage size, number of bays, requirements relative to adjacent bays, etc.) for SBC-13STATE to process the application for each of the preferred methods. If a Collocator provides adequate information and its preferences with its application, SBC-13STATE would not require an additional application, nor would the Collocator be required to restart the quotation interval should its first choice not be available in an Eligible Structure. If Collocator only wishes SBC-13STATE to consider one collocation method, it need not provide preferences and associated specific information for multiple methods. However, if SBC-13STATE is unable to provide the Collocator's requested collocation method due to space constraints and the Collocator determines that it wishes SBC-13STATE to consider an alternative method of collocation, the Collocator would be required to submit an additional application. This would not result in incremental application costs to the Collocator as its initial Planning Fee would be returned due to the denial. However, it would restart the collocation quotation intervals. Upon receipt of the Collocator's application and initial Planning Fee payment, SBC-13STATE will begin development of the quotation. SBC-13STATE will advise the

Collocator of any known deficiencies in its collocation application within ten (10) calendar days (unless multiple applications are received; Section 6.1.4 will apply where multiple applications are received). SBC-13STATE will allow the Collocator to retain its place in the collocation queue so long as the Collocator cures the deficiencies and resubmits the application within ten (10) calendar days after being advised of the deficiencies.

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

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

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

6.1.4.3.1 A sixty (60) calendar day interval will apply only when the Collocator requests any of the following augments; 1) SBC-13STATE will perform a cage expansion of 300 square feet or less immediately adjacent to Collocator's existing cage within the collocation area (where Overhead Iron/Racking exists) and as long as the collocation area does not have to be reconfigured and does not involve HVAC work, 2) power cable additions to accommodate greater DC amperage requests within existing power panels, 3) direct cable pull within the same collocation area between one Collocator and another Collocator provided the Collocator is interconnected with SBC-13STATE's network, 4) interconnection cable arrangements (where Overhead Iron/Racking are existing) limited up to and not more than the following quantities; 400 copper (shielded or nonshielded) cable pairs up to 400 feet, 168 DS1s, 48 DS3s, and fiber interconnections up to 12 fiber pairs up to 400 feet.

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

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

6.1.4.3.4 The second fifty percent (50%) payment must be received by SBC-13STATE no more than one week prior to the scheduled augment completion date. On

the scheduled completion date, the Actual Point of Termination (APOT) Connections will be provided to the Collocator by SBC-13STATE.

6.1.5 Application Quotation Interval for Physical

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

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

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

6.1.5.3 The Collocator may obtain a shorter response interval than are set forth above by scheduling a meeting with SBC-13STATE at least twenty (20) calendar days prior to submission of the first application to discuss, coordinate, and prioritize the Collocator's applications.

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

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

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

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

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

6.1.7 Cageless Physical Collocation Installation Interval

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

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

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

6.1.8 SBC-13STATE will complete construction of Cageless Collocation in Eligible Structures such as CEVs, Huts and Vaults in ninety (90) days from the receipt of the Collocator's acceptance of the quotation along with a check for 50% of all applicable non-recurring charges where SBC-13STATE will be installing all or some of the bays. These construction intervals for Cageless Collocation in Active Collocation Space in a CEV, HUT, or Cabinet Eligible Structure apply where the Collocator is requesting maximum DC power of 50AMPs, either in a single or in multiple feeds of 50 AMPs (maximum 50 AMPs per feed). For Cageless Collocation in Active Collocation Space in a CEV, Hut, or Cabinet Eligible Structure where a Collocator is requesting DC power greater than 50 AMPs (e.g., 100 AMPs) per feed, SBC-13STATE will add thirty (30) calendar days to the provisioning interval.

6.1.9 Adjacent Space or Other Physical Collocation Arrangement Installation Intervals

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

6.1.10 Revisions

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

6.2 Space Availability Determination and Resolution

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

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

6.2.1.2 SBC-13STATE will file a copy of the notification letter denying the Collocator's request with the appropriate Commission. In the event of a denial, SBC-13STATE will concurrently submit to both the appropriate Commission and the Collocator, in support of its denial, provided under seal and subject to proprietary protections: Central Office common language identifier, where applicable, the identity of the requesting Collocator, including amount of space requested by the Collocator, the total amount of space at the premises, floor plans documented as provided for in Section 3.8 of the Interconnector's Collocation Services Handbook https://clec.sbc.com/clec, identification of switch turnaround plans and other equipment removal plans and timelines, if any, Central Office

rearrangement/expansion plans, if any , and description of other plans, if any, that may relieve space exhaustion.

6.2.1.3 In the event SBC-13STATE denies a Collocator's request and the Collocator disputes the denial, the Collocator may request a tour of the Eligible Structure to verify space availability or the lack thereof. The request shall be submitted to SBC-13STATE's designated representative in writing. The inspection tour shall be scheduled within five (5) business days of receipt of the written request for a tour and the tour shall be conducted within ten (10) calendar days of the request or some other mutually agreed on date.

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

6.2.1.5 SBC-13STATE will provide all relevant documentation to the Collocator agent including blueprints and plans for future facility expansions or enhancements, subject to executing the non-disclosure agreement. SBC-13STATE's representative will accompany and supervise the Collocator agent on the inspection tour.

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

6.2.2 SBC-13STATE will submit to a requesting carrier a report indicating SBC-13STATE's available collocation space in a particular SBC-13STATE Eligible Structure upon request. This report will specify the amount of collocation space available at each requested Eligible Structure, the number of collocators, and any modifications in the use of the space since the last report. The report will also include measures that SBC-13STATE is taking to make additional space available for collocation. The intervals for delivering the reports are as follows:

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

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

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

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

6.3 Relocation

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

6.3.2 If SBC-13STATE determines that a Collocator must relocate due to any of the above reasons, SBC-13STATE will make all reasonable efforts to minimize disruption of the Collocator's services. In addition, the costs of the move will be shared equally by SBC-13STATE and the Collocator, unless the Parties agree to a different financial arrangement.

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

6.4 Occupancy

6.4.1 Unless there are unusual circumstances, SBC-13STATE will notify the Collocator that the Dedicated Space is ready for occupancy within five (5) business days after SBC-13STATE completes preparation of the Dedicated Space. Operational telecommunications equipment must be placed in the Dedicated Space and interconnect to SBC-13STATE's network or obtain access to SBC-13STATE Lawful UNEs within one hundred eighty (180) days after receipt of such notice. In the event that SBC-13STATE has refused to interconnect with the Collocator, the one hundred eighty (180) day deadline shall be extended until SBC-13STATE allows the Collocator to interconnect. SBC-13STATE, however, may extend beyond the one hundred eighty (180) days provided the Collocator demonstrates a best effort to meet that deadline and shows that circumstances beyond its reasonable control prevented the Collocator from meeting that deadline.

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

6.4.3 For purposes of this Section, the Collocator's telecommunications equipment is considered to be operational and interconnected when connected to either SBC-13STATE's network or interconnected to another Collocator's equipment that resides within the same structure, provided the Collocator's equipment is used for interconnection with SBC-13STATE's network or to obtain access to SBC-13STATE's Lawful UNEs, for the purpose of providing this service.

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

6.5 Cancellation Prior to Due Date

6.5.1 In the event that the Collocator cancels its order after SBC-13STATE has begun preparation of the Telecommunications Infrastructure Space and Dedicated Space, but before SBC-13STATE has been paid the entire amounts due under this Appendix, then in addition to other remedies that SBC-13STATE might have, the Collocator shall be liable in the amount equal to the nonrecoverable costs less estimated net salvage, the total of which is not to exceed the Preparation Charges. Nonrecoverable costs include the nonrecoverable cost of equipment and material ordered, provided or used; the nonrecoverable cost of installation and removal, including the costs of equipment and material ordered, provided or used; labor; transportation and any other associated costs. SBC-13STATE shall provide the Collocator with a detailed invoice showing the costs it incurred associated with preparation.

6.6 Billing

6.6.1 Billing shall occur on or about the 25th day of each month, with payment due thirty (30) days from the bill date. SBC-13STATE may change its billing date practices upon thirty (30) day's notice to the Collocator.

6.6.2 Billing Dispute Resolution

6.6.2.1 In the event of a bona fide dispute between a Collocator and SBC-13STATE regarding any bill for anything ordered from this Appendix, Collocator shall, prior to the Bill Due Date, give written notice to SBC-13STATE of the amounts it disputes ("Disputed Amounts") and include in such written notice the following information: (a) the date of the

bill in question, (b) the Billing Account Number (BAN) number of the bill in question, (c) any USOC information questioned, (d) the amount billed, (e) the amount in question and (f) the reason that Collocator disputes the billed amount. To be deemed a "dispute" under this Section 6.6.1, Collocator must provide proof (in the form of a copy of the executed written agreement with the financial institution) that it has established an interest bearing escrow account that complies with all of the requirements set forth in Section 6.6.2 of this Appendix and proof (in the form of deposit slip(s)) that Collocator has deposited all unpaid charges into that escrow account. Failure to provide the information and proof of compliance and deposit required by this Section 6.6.1 not later than twenty-nine (29) days following the Bill Due Date shall constitute Collocator's irrevocable and full waiver of its right to dispute the subject charges.

6.6.3 Third Party Escrow Agent

6.6.3.1 Collocator shall pay all undisputed amounts to SBC-13STATE when due and shall pay all Disputed Amounts when due into an interest bearing escrow account with a Third Party escrow agent mutually agreed upon by the Parties. To be acceptable, the Third Party escrow agent must meet all of the following criteria:

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

6.6.3.1.2 The financial institution proposed as the Third Party escrow agent may not be an affiliate of Collocator; and

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

6.6.3.1.4 In addition to the foregoing requirements for the Third Party escrow agent, the Collocator and the financial institution proposed as the Third Party escrow agent must enter into a written agreement that the escrow account meets all of the following criteria:

6.6.3.1.5 The escrow account is an interest bearing account;

6.6.3.2 All charges associated with opening and maintaining the escrow account will be borne by the Collocator; That none of the funds deposited into the escrow account or the interest earned thereon may be subjected to the financial institution's charges for serving as the Third Party escrow agent; All interest earned on deposits to the escrow account shall be disbursed to Collocator and SBC-13STATE in the same proportion as the principal; and Disbursements from the escrow account shall be limited to those: authorized in writing by both Collocator and SBC-13STATE (that is, signature(s) from representative(s) of Collocator only are not sufficient to properly authorize any disbursement); or made in accordance with the final, non-appealable order of the arbitrator appointed pursuant to the provisions of Section 6.6.7 of this Appendix; or made in accordance with the final, non-appealable order of the court that had jurisdiction to enter the arbitrator's award pursuant to Section 6.6.7 of this Appendix.

6.6.4 Disputed Amounts

6.6.4.1 Disputed Amounts in escrow shall be subject to Late Payment Charges as set forth in Section 6.7 of this Appendix.

6.6.5 Investigation Report

6.6.5.1 Upon receipt of the notice and both forms of proof required by Section 6.6.1 of this Appendix, SBC-13STATE shall make an investigation as shall be required to report the results to the Collocator. Provided that Collocator has furnished all of the information and proof required by Section 6.6.1 on or before the Bill Due Date, SBC-13STATE will report

the results of its investigation within sixty (60) calendar days following the Bill Due Date. If the Collocator is not satisfied by the resolution of the billing dispute under this Section 6.6.5 of this Appendix, the Collocator must notify SBC-13STATE in writing within thirty (30) days following receipt of the results of SBC-13STATE's investigation that it wishes to invoke the informal resolution of billing disputes afforded under Section 6.6.6 of this Appendix.

6.6.6 Informal Resolution of Billing Disputes

6.6.6.1 Upon receipt by SBC-13STATE of written notice of a billing dispute from Collocator made in accordance with the requirements of Section 6.6.1 of this Appendix, each Party will appoint a knowledgeable, responsible representative to meet and negotiate in good faith to resolve any billing dispute arising under this Appendix. The location, form, frequency, duration and conclusion of these discussions will be left to the discretion of the representatives. Upon agreement, the representatives may utilize other alternative dispute resolution procedures such as mediation to assist in the negotiations. Discussions and the correspondence among the representatives for purposes of resolution are exempt from discovery and production and will not be admissible in the arbitration described below or in any lawsuit without the concurrence of both Parties. Documents identified in or provided with such communications that were not prepared for purposes of the negotiations are not so exempted, and, if otherwise admissible, may be admitted in evidence in the arbitration or any lawsuit.

6.6.7 Formal Resolution of Billing Disputes

6.6.7.1 If the Parties are unable to resolve the billing dispute through the informal procedure described in Section 6.6.6 of this Appendix, then either Party may invoke the formal dispute resolution procedures described in this Section 6.6.7 of this Appendix. Unless agreed by both Parties, formal dispute resolution procedures, including arbitration or other procedures as appropriate, may be invoked not earlier than sixty (60) calendar days after receipt of the notice initiating dispute resolution required by Section 6.6.5 of this Appendix and not later than one hundred eighty (180) calendar days after receipt of the notice initiating dispute resolution required by Section 6.6.5 of this Appendix.

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

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

6.6.8 Arbitration

6.6.8.1 Disputes subject to mandatory or elective arbitration under the provisions of this Appendix will be submitted to a single arbitrator pursuant to the Commercial Arbitration Rules of the American Arbitration Association or pursuant to such other provider of arbitration services or rules as the Parties may agree. The arbitrator shall be knowledgeable of telecommunications issues. Each arbitration will be held in a mutually agreed upon location. The arbitration hearing will be requested to commence within sixty (60) calendar days of the demand for arbitration.

6.6.8.2 The arbitrator will control the scheduling so as to process the matter expeditiously. The Parties may submit written briefs upon a schedule determined by the arbitrator. The Parties will request that the arbitrator rule on the dispute by issuing a written opinion within thirty (30) calendar days after the close of hearings. The Federal Arbitration Act, 9 U.S.C. Secs. 1-16, not state law, shall govern the arbitrability of all disputes. The arbitrator will have no authority to award punitive damages, exemplary damages, consequential damages, multiple damages, or any other damages not measured by the prevailing Party's actual damages, and may not, in any event, make any ruling, finding or award that does not conform to the terms and conditions of this Appendix.

6.6.8.3 The times specified in this Section 6.6.8 may be extended or shortened upon mutual agreement of the Parties or by the arbitrator upon a showing of good cause. Each Party will bear its own costs of these procedures, including attorneys' fees. The Parties will equally split the fees of the arbitration and the arbitrator. The arbitrator's award shall be final and binding and may be entered in any court having jurisdiction thereof. The Parties may submit the arbitrator's award to a Commission. Judgment upon the award rendered by the arbitrator may be entered in any court having jurisdiction.

6.6.9 Cooperation Between Parties

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

6.6.9.1.1 SBC-13STATE shall credit Collocator's bill for any portion of the Disputed Amount(s) resolved in favor of Collocator, together with any portion of any Late Payment Charges assessed with respect thereto no later than the second Bill Due Date after the resolution of the dispute; within fifteen (15) calendar days after resolution of the dispute, any portion of the escrowed Disputed Amounts resolved in favor of the Collocator shall be disbursed to Collocator by the Third Party escrow agent, together with any interest accrued thereon; within fifteen (15) calendar days after resolution of the dispute, any portion of the Disputed Amounts resolved in favor of SBC-13STATE shall be disbursed to SBC-13STATE by the Third Party escrow agent, together with any interest accrued thereon; and no later than the third Bill Due Date after the resolution of the dispute regarding the Disputed Amount(s), the Collocator shall pay SBC-13STATE any difference between the amount of accrued interest SBC-13STATE received from the escrow disbursement and the amount of Late Payment Charges SBC-13STATE billed and is entitled to receive pursuant to Section 6.7 of this Appendix.

6.6.10 Failure to Make Payment

6.6.10.1 Failure by the Collocator to pay any charges determined to be owed to SBC-13STATE within the time specified in Section 6.6.8 shall be grounds for immediate re-entry and termination of services provided under this Appendix.

6.6.11 Billing for Caged Shared and Caged Common Collocation Arrangements

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

6.7 Late Payment Charge

6.7.1 If the Collocator fails to remit payment for any charges by the Bill Due Date, or if a payment or any portion of a payment is received from Collocator after the Bill Due Date, or if a payment or any portion of a payment is received in funds which are not immediately available to SBC-13STATE as of the Bill Due Date, then a late payment charge shall be assessed as follows: at the lesser of (i) one and one-half percent (1 ½%) per month and (ii) the highest rate of interest that may be charged under Applicable Law, compounded daily from the day following the Bill Due Date to and including the date that the payment is actually made and available.

6.8 Allowances for Interruptions

6.8.1 An interruption period begins when an inoperative condition of a Physical Collocation arrangement is reported to SBC-13STATE's designated contact point and ends when the Physical Collocation arrangement is operative and reported to the Collocator's designated contact. No allowance for an interruption period will be provided for Physical Collocation where the interruption is due to the actions or negligence of the Collocator. A credit allowance will be made to the Collocator where the interruption is due to the actions or negligence of SBC-13STATE.

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

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

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

7. USE BY OTHER LOCAL SERVICE PROVIDERS

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

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

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

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

7.2.2 When these criteria have been met, SBC-13STATE will construct a common cage minimum of 550 sq. ft. of space unless collocators' combined forecasted space needs for the initial year exceed 550 sq. ft., in which case, SBC-13STATE will construct the cage to the collocators' combined forecasts for the initial year. Subsequent additions to the Caged Common Collocation area will be based on firm orders with the Collocator(s) requesting additional space bearing the costs for such expansion. Billing for Caged Common Collocation is addressed in Section 6.6.11 of this Appendix.

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

8. FIBER OPTIC CABLE AND DEMARCATION POINT

8.1 Fiber Optic Cable Entrances

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

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

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

8.2 Demarcation Point

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

9. USE OF DEDICATED SPACE

9.1 Nature of Use

9.1.1 In accordance with section 251(c)(6) of the Act, the Collocator may collocate equipment for Physical Collocation if such equipment is necessary for interconnection to SBC-13STATE under 47.U.S.C. § 251(C) (2) or accessing SBC-13STATE's Lawful UNEs under 47.U.S.C. § 251(C) (3) of the Act. For purposes of this Section, "necessary" means directly related to and thus necessary, required, or indispensable to interconnection or access to Lawful UNEs. Such uses are limited to interconnection to SBC-13STATE's network "for the transmission and routing of Telephone Exchange service or Exchange Access," or for access to SBC-13STATE's Lawful UNEs "for the provision of a telecommunications service."

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

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

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

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

9.1.6 SBC-13STATE voluntarily allows Collocator to place ancillary equipment, including cross-connect and other simple frames, routers, portable test equipment, equipment racks and bays, and other ancillary equipment on a non-discriminatory basis only if SBC-13STATE and Collocator mutually agree to such placement, in SBC-13STATE's premises solely to support and be used with equipment that the Collocator has legitimately collocated in the same premises.

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

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

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

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

9.2 Equipment List

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

9.2.2 Subsequent Requests to Place Equipment

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

9.2.3 Limitations

9.2.3.1 SBC-13STATE's obligation to purchase additional plant or equipment, relinquish occupied space or facilities, or to undertake the construction of new building quarters or to construct building additions to existing quarters in order to satisfy a subsequent

request for additional space or the placement of additional equipment of facilities by a Collocator, is limited only to the extent that SBC-13STATE would undertake such additions, modifications or construction on its own behalf, on behalf of any subsidiary or affiliate, or any other Party to which it provides interconnection. SBC-13STATE will ensure that the Collocator is provided collocation space at least equal in quality to that provided to SBC-13STATE, its affiliates or other Parties to which it provides interconnection.

9.3 Dedicated Space Use and Access

9.3.1 The Collocator may use the Dedicated Space for placement of telecommunications equipment and facilities necessary (as defined by the FCC) for interconnection to SBC-13STATE or access to SBC-13STATE's Lawful UNEs. The Collocator's employees, agents and contractors shall be permitted access to its collocated equipment seven (7) days a week, twenty-four (24) hours a day without a security escort. Collocator shall provide SBC-13STATE with notice at the time of dispatch of its own employee or contractor, to an Eligible Structure and, if possible, no less than thirty (30) minutes notice for a manned structure and sixty (60) minutes notice for an unmanned structure.

9.3.2 SBC-13STATE will not delay a Collocator employee's entry into an Eligible Structure containing its collocated equipment or its access to its collocated equipment. SBC-13STATE will provide Collocator with reasonable access to restroom facilities and parking. All access is provided subject to compliance by the Collocator's employees, agents and contractors with SBC-13STATE's policies and practices pertaining to fire, safety and security (i.e., the Collocator must comply with Section 6.1.2 of this Appendix).

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

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

9.4 Threat to Personnel, Network or Facilities

9.4.1 Regarding safety, Collocator equipment or operating practices representing a significant demonstrable technical or physical threat to SBC-13STATE's personnel, network or facilities, including the Eligible Structure, or those of others are strictly prohibited.

9.5 Interference or Impairment

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

9.6 Personal Property and Its Removal

9.6.1 In accordance with and subject to the conditions of this Appendix, the Collocator may place or install in or on the Dedicated Space such personal property or fixtures (Property) as it shall deem desirable for the conduct of business. Property placed by the Collocator in the Dedicated Space shall not become a part of the Dedicated Space even if nailed, screwed or otherwise fastened to

the Dedicated Space. Such Property must meet SBC-13STATE standards for flame and smoke ratings, e.g., no combustibles. Such Property shall retain its status as personalty and may be removed by the Collocator at any time. Any damage caused to the Dedicated Space or land occupied by an adjacent structure by the removal of such Property shall be promptly repaired by the Collocator at its expense pursuant to Section 9.7 following.

9.7 Alterations

9.7.1 In no case shall the Collocator or any person acting through or on behalf of the Collocator make any rearrangement, modification, improvement, addition, repair, or other alteration to the Dedicated Space or the Eligible Structure in which the Dedicated Space is located without the advance written permission and direction of SBC-13STATE. SBC-13STATE shall consider a modification, improvement, addition, repair or other alteration requested by the Collocator, provided that SBC-13STATE has the right to reject or modify any such request except as required by state or federal regulators. The cost of any SBC-13STATE provided construction shall be paid by the Collocator in accordance with SBC-13STATE's custom work order process.

10. STANDARDS

10.1 Minimum Standards

10.1.1 All types of network equipment placed in SBC-13STATE network equipment areas of Eligible Structures by SBC-13STATE or Collocator must meet SBC-13STATE minimum safety standards. The minimum safety standards are as follows: (1) Collocator's equipment must meet Telcordia Level 1 safety requirements as set forth in Telcordia documents SR-3580 and GR-63-CORE, Network Equipment Building Systems (NEBS); or, (2) Collocator must demonstrate that its equipment has a history of safe operation defined by installation in an ILEC (including SBC-13STATE) prior to January 1, 1998 with no known history of safety problems. The Collocator will be expected to conform to the same accepted procedures and standards utilized by including SBC-13STATE and its contractors when engineering and installing equipment.

10.1.2 In the event that SBC-13STATE denied Collocation of Collocator's equipment, citing safety standards, SBC-13STATE will provide within five (5) business days of Collocator's written request to SBC-13STATE representative(s), a list of SBC-13STATE equipment which SBC-13STATE locates within the premises of the Eligible Structure for which Collocation was denied together with an affidavit attesting that all of such Company equipment met or exceeded the same safety standards for which Collocator's equipment was denied.

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

10.1.4 Collocation equipment or operating practices representing a significant demonstrable technical or physical threat to SBC-13STATE personnel, network or facilities, including the Eligible Structure or those of others is strictly prohibited. Notwithstanding any other provision herein, the characteristics and methods of operation of any equipment or facilities placed in the Physical Collocation space shall not create hazards for or cause damage to those facilities, the Physical Collocation space, or the Eligible Structure in which the Physical Collocation space is located;

impair the privacy of any communications carried in, from, or through the Eligible Structure in which the Physical Collocation space is located; or create hazards or cause physical harm to any individual or the public. Any of the foregoing would be in violation of this Appendix. Disputes regarding proper implementation of operating practices or technical standards may be resolved under the standards of Sections 6.6.7.2 and 6.6.8 above.

10.2 Compliance Certification

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

11. RE-ENTRY

11.1 If the Collocator shall default in performance of any provision herein, and the default shall continue for sixty (60) calendar days after receipt of SBC-13STATE's written notice, or if the Collocator is declared bankrupt or insolvent or makes an assignment for the benefit of creditors, SBC-13STATE may, immediately or at any time thereafter, without notice or demand, enter and repossess the Dedicated Space, expel the Collocator and any claiming under the Collocator, remove the Collocator's property, forcibly if necessary, and services provided pursuant to this Appendix will be terminated without prejudice to any other remedies SBC-13STATE might have.

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

11.3 In the case of any dispute and at the written request of a Party, each Party will appoint a knowledgeable, responsible representative to meet and negotiate in good faith to resolve any dispute arising under this Appendix. The location, form, frequency, duration, and conclusion of these discussions will be left to the discretion of the representatives. Upon agreement, the representatives may utilize other alternative informal dispute resolution procedures such as mediation to assist in the negotiations. Discussions and the correspondence among the representatives for purposes of settlement are exempt from discovery and production and will not be admissible in the arbitration described below or in any lawsuit without the concurrence of both Parties. Documents identified in or provided with such communications, which are not prepared for purposes of the negotiations, are not so exempted and, if otherwise admissible, may be admitted in evidence in the arbitration or lawsuit. To the extent negotiations do not resolve the dispute, and thirty (30) days have passed since the date of the request for resolution under this Section, Parties may seek more formal dispute resolution procedures.

12. INDEMNIFICATION OF SBC-13STATE

12.1 Except as otherwise provided herein, the indemnity provisions of the Agreement between SBC-13STATE and the Collocator shall apply and are incorporated herein by this reference. However, in no event will the provisions in this Section supersede or override the indemnification provisions contained in the Agreement. Additionally, in the event of a conflict between indemnification provisions in the Agreement and this Appendix, the provisions in the Agreement will control.

12.2 Collocator shall indemnify and hold harmless SBC-13STATE the agents, employees, officers, directors and shareholders of any of them ("Indemnities"), from and against any and all liabilities, obligations, claims, causes of action, fines, penalties, losses, costs, expenses (including court costs and reasonable attorneys' fees), damages, injuries, of any kind, (individually and collectively "Liabilities"), including but not limited to, Liabilities as a result of (a) injury to or death of any person; (b) damage to or loss or destruction of any property; or (c) Liabilities related in any manner to employee benefits, workers compensation, payroll tax, and other employer obligations which may be asserted against SBC-13STATE where such liabilities arise in connection with Collocator's use of persons that it classifies as an independent contractor or subcontractor to perform obligations under this Appendix; (d) attachments,

liens or claims of material persons or laborers arising out of or resulting from or in connection with this Appendix or the performance of or failure to perform and directly or indirectly caused, in whole or part, by acts of omissions, negligent or otherwise, of Collocator or a contractor or a representative of Collocator or an employee of any one of them, except to the extent such Liabilities arise from the negligence or willful or intentional misconduct of SBC-13STATE or its employees. The provisions in this Section are reciprocal and applicable also to SBC-13STATE.

12.3 SBC-13STATE shall, make reasonable efforts to promptly notify Collocator of any suit or other legal proceeding asserting a claim for Liabilities. Upon request, Collocator shall, at no cost or expense to any Indemnitee, defend any such suit or legal proceeding asserting a claim for Liabilities, and Collocator shall pay any costs and attorneys' fees that may be incurred by any Indemnitee in connection with any such claim, proceeding or suit. Collocator shall also (a) keep SBC-13STATE and any other Indemnitee subject to any such claim fully informed as to the progress of such defense, and (b) afford SBC-13STATE and such Indemnitee, each at its own expense, an opportunity to participate on an equal basis with Collocator in the defense or settlement of any such claim.

13. SERVICES AND MAINTENANCE

13.1 Operating Services

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

13.2 Maintenance

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

13.3 Equipment Staging and Storage

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

13.4 Legal Requirements

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

14. SBC-13STATE's RIGHT OF ACCESS

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

15. GENERAL

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

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

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

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

15.5 If SBC-13STATE is required to upgrade an Eligible Structure, or portion of the structure to comply with the Americans with Disability Act (ADA) which arises as a direct result of Collocator's collocation arrangement, SBC-13STATE will prorate the total forward-looking economic cost of the upgrade, and allocate the charge to each Collocator located within the Eligible Structure, based on the total space utilized by each Collocator.

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

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

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

16. PREPARATION CHARGES

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

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

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

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

16.5 The Collocator may elect to install its own Point of Termination (POT) Frame, or request that SBC-13STATE provide and install a POT Frame, to be placed in the Collocator's cage or in the collocation area. When the Collocator elects to install its own POT frame/cabinet, SBC-13STATE may still provide and install the required DC power panel.

17. CHARGES

17.1 Monthly Charges

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

17.2 Nonrecurring Charges

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

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

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

17.3 Individual Case Basis (ICB)

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

17.4 Application of Rates and Charges

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

18. REGENERATION

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

19. RATE REGULATIONS

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

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

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

19.2 Rate Elements

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

19.2.1 Planning Fees

19.2.1.1 The Planning Fee, as specified in SBC-13STATE's Interconnector's Collocation Services Handbook for Physical Collocation in SBC-13STATE, recovers SBC-13STATE's costs incurred to estimate the quotation of charges, project management costs, engineering costs, and other related planning activities for the Collocator's request for the Physical Collocation arrangements. The initial Planning Fee will apply to the Collocator's Physical Collocation request. In addition, a nonstandard Planning Fee will apply when a request includes DC power requirements other than 2-20, 2-50, or 2-100 Amp power feeds for Caged, Cageless, or Caged Common Collocation, or 2-100, 2-200, 2-300, or 2-400 Amp power feeds for Adjacent On-Site Collocation, or other than integrated ground plane, or when floor space requirements are greater than four hundred (400) square feet. Requests for additions to the initial request, such as the addition of Collocator provided equipment that requires SBC-13STATE to engineer and purchase additional equipment will result in a Subsequent Planning Fee. A major revision to the initial request for Physical Collocation that changes floor space requirements, cable entrance facilities requirements, or changes DC Power Distribution will be considered a total revision and result in the reapplication of an initial Planning Fee. Rates and charges are as found in the Collocation Rate Summary of this Appendix.

19.2.2 Floor Space Charges

19.2.2.1 Caged Collocation

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

19.2.2.1.2 SBC-13STATE will provide Floor Space, floor space site conditioning, Cage Common Systems Materials, Cage Preparation and Safety and Security

charges in increments of one (1) square foot. For this reason, Collocator will be able to order space and a cage enclosure in amounts as small as that sufficient to house and maintain a single rack or bay of equipment (i.e., 50 square feet of cage space for a single bay), and will ensure that the first Collocator in SBC-13STATE premises will not be responsible for the entire cost of site preparation and security. When a Collocator constructs its own cage and related equipment, the Collocator will not be subject to the Cage Preparation Charge as set forth in Section 19.2 following. The Collocator may provide a cage enclosure (not including a top), cable rack and support structure inside the cage, lighting, receptacles, cage grounding, cage sign and door key set.

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

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

19.2.2.1.4.1 Eligible Structure Floor Space Charges

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

- Construction costs
- Operating costs

19.2.2.1.4.2 Site Conditioning Charge, per square foot

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

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

19.2.2.1.4.3 Common Systems Materials Charge

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

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

19.2.2.1.4.4 Safety and Security, per square foot

This charge represents reasonable costs incurred by SBC-13STATE to secure its equipment contained within Eligible

Structure. This charge is expressed as a recurring rate on a per square foot basis and was developed based on implementation of varying combinations of the following security measures and devices. This rate may include only the costs associated with the most cost-effective reasonable method of security, which may consist of a sub set of the following:

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

19.2.2.1.4.5 Cage Preparation

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

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

19.2.2.1.4.6 Remote Switch Module (RSM) Option

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

19.2.2.2 Cageless Collocation

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

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

of site preparation and security charges. Charges to each Collocator will be based upon the number of frames used by each Collocator.

19.2.2.2.2.1 Floor Space Charges

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

- Construction costs
- Operating costs

19.2.2.2.2.2 Site Conditioning Charge

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

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

19.2.2.2.2.3 Cageless Common Systems Materials Charge

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

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

19.2.2.2.2.4 Safety and Security

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

- Interior Security Partition separating SBC-13STATE equipment
- Provisioning of door locks and keying of existing doors
- Door access controller and network controller necessary for a card reader system

- Security camera systems
- Locking cabinets for network equipment
- Combination door locks
- Cable locks for computer terminals and test equipment
- Secure ID/password protection for computer systems
- Emergency exit door alarm

19.2.2.3 Caged Common Collocation in SBC-13STATEs

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

19.2.2.3.2 Caged Common Collocation space will be provided where space permits when five (5), or more collocators have provided SBC-13STATE with their forecasted space requirements accompanied with a firm order and twenty-five percent (25%) of non-recurring charges for the forecasted space as deposit. When these criteria have been met, SBC-13STATE will construct a common cage minimum of 550 sq. ft. of space unless collocators' combined forecasted space needs for the initial year exceed 550 sq. ft., in which case, SBC-13STATE will construct the cage to the collocators' combined forecasts for the initial year. Charges to each collocator will be based on its forecasted linear footage of floor space and adjusted by the occupancy factor. Subsequent additions to the Caged Common Collocation area will be based on firm orders with the Collocator(s) requesting additional space bearing the costs for such expansion.

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

19.2.2.3.4 SBC-13STATE will provide floor space site conditioning and Safety and Security charges per rack, bay, or frame and Floor Space, Caged Common Systems Materials, and Cage Preparation in increments of one linear foot. The first collocator in SBC-13STATE's premises will be responsible only for its pro rata share of the cost of site preparation and security.

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

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

19.2.2.3.6.1 Eligible Structure Floor Space Charges

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

- Construction costs
- Operating costs

19.2.2.3.6.2 Site Conditioning Charge

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

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

19.2.2.3.6.3 Common Systems Materials Charge

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

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

19.2.2.3.6.4 Safety and Security

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

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

19.2.2.3.6.4.1 In the event SBC-13STATE elects to erect an interior security partition in a given Eligible Structure to separate its equipment, the lesser of the costs of the partition or a security camera system for such Eligible Structure shall be applicable. In no event shall a telecommunications carrier be required to pay for both an interior security partition to separate SBC-13STATE's equipment in an Eligible Structure and a security camera system for such Eligible

Structure. Construction of interior security partition shall not impair access to telecommunications carriers equipment that is collocated under cageless option.

19.2.2.3.6.5 Cage Preparation

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

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

192.2.3.6.6 Remote Switch Module (RSM) Option

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

19.2.3 DC Power Amperage Charge

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

19.2.3.2 Heating, Ventilating, and Air Conditioning (HVAC)

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

19.2.4 DC Power Arrangement Provisioning

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

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

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

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

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

19.2.7 Eligible Structure Ground Cable Arrangement, Each

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

19.2.8 Security Cards

19.2.8.1 The Security Cards Charge consists of a charge per five (5) new cards or replacement cards, for access cards, and ID cards. Rates and charges are as found in the Collocation Rate Summary of this Appendix. SBC-13STATE will issue access cards and/or ID cards within twenty-one (21) days of receipt of a complete and accurate SBC Photo ID Card and Electronic Access For Collocators and Associated Contractors form, which is located on the telecommunications carrier ONLINE website https://clec.sbc.com/clec. In emergency or other extenuating circumstances (but not in the normal course of business), Collocator may request that the twenty-one (21) day interval be expedited, and SBC-13STATE will issue the access and/or ID cards as soon as reasonably practical.

19.2.9 Standard Frame or Cabinet, Each (Optional)

19.2.9.1 The Collocator may elect to provide its own bay or cabinet in either its cage space or in a cageless space designated by SBC-13STATE or may request that SBC-13STATE provide and install the bay or cabinet in the cageless space only. If the Collocator elects for SBC-13STATE to provide a bay or cabinet, the rates and charges are as found in the Collocation Rate Summary of this Appendix. When, at the Collocator's option, a bay or cabinet is placed in space designated by SBC-13STATE, appropriate floor space charges will apply. The bay or cabinet may be designated as the physical point of termination for interconnection between the Collocator's facilities and SBC-13STATE facilities, previously referred to as "Point of Termination (POT) bay."

19.2.10 Entrance Facility Conduit to Vault, Per Cable Sheath

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

19.2.11 Entrance Fiber Charge, Per Cable Sheath

19.2.11.1 The Entrance Fiber Charge reflects the time interval spent by SBC-13STATE in pulling the Collocator's cable facilities from SBC-13STATE designated manhole, through SBC-13STATE cable vault and through SBC-13STATE cable support structure to the Collocator's equipment.

19.2.12 ILEC to telecommunications carrier Interconnection Arrangement Options

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

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

19.2.12.1.1.1 SBC-13STATE-provided cable arrangement of twenty eight (28) DS1 connections per cable arrangement between the

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

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

19.2.12.1.2.1 SBC-13STATE-provided cable arrangement of one (1) DS3 connection per cable arrangement between the Collocator's optional POT Frame or equipment bay and SBC-13STATE network. This rate element may not be provided by the Collocator. The Collocator will not be permitted access to SBC-13STATE Main Distribution Frame. If regeneration is required because the cabling distance between the Collocator's POT bay or termination point located in an Adjacent Structure and SBC-13STATE's cross-connect bay exceeds ANSI limitations or where the Collocator specifically requests regeneration, it will be at the Collocator's expense. Regeneration is not required in any other circumstance. Rates and charges are as found in the Collocation Rate Summary of this Appendix.

19.2.12.1.3 DS0 Voice Grade Interconnection Cable Arrangement, Each

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

19.2.13 Optical Circuit Arrangement

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

19.2.14 Bits Timing (Per two circuits) (Optional)

19.2.14.1 SBC-13STATE provided single signal from SBC-13STATE timing source to provide synchronization between a Collocator's single Network Element and SBC-13STATE's equipment.

19.2.15 Timing Interconnection Arrangement (Optional)

19.2.15.1 Timing lead (1 pair) of wires provided by SBC-13STATE to the Collocator's dedicated Collocator's Physical Collocation space or optional POT frame or equipment bay.

19.2.16 Collocation Availability Space Report Fee

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

19.2.17 Pre-visits

19.2.17.1 General Applications

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

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

19.2.18 Construction Inspections

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

19.2.19 Adjacent On-site Structure Arrangements

19.2.19.1 Adjacent On-site Structure Arrangements

19.2.19.1.1 If a Collocator elects to provide an Adjacent On-site structure as described in Section 6.1.1 E. preceding, when all available space is Legitimately Exhausted inside SBC-13STATE Eligible Structure, SBC-13STATE will charge Planning Fees to recover the costs incurred to estimate the quotation of charges for the Collocator's Adjacent On-Site Structure Arrangement request. Rates and charges are found in the Collocation Rate Summary of this Appendix. In addition, should the Collocator elect to have SBC-13STATE provision an extension of DC Power Service from the Eligible Structure to the Adjacent Structure, a DC Power Panel will be required.

19.2.19.2 Adjacent On-site Planning Fee

19.2.19.2.1 An initial Planning Fee will apply when a Collocator is requesting any Interconnection Terminations between the Collocator's Adjacent On-site structure and SBC-13STATE on an Adjacent On-site initial or subsequent collocation application. This fee recovers the design route of the Interconnection Terminations as well as the design route of the power arrangement to the Collocator's Adjacent On-site structure.

19.2.20 Adjacent Off-site Arrangement

19.2.20.1 Adjacent Off-site Structure Arrangements

19.2.20.1.1 If the Collocator elects to provide an Adjacent Off-site structure as defined in 2.0. of this Appendix and as described in Section 6.1.1 preceding, when all available space is Legitimately Exhausted inside SBC-13STATE Eligible Structure and Collocator's Adjacent On-site Space is not within 50 feet of the Eligible Structure's outside perimeter wall, SBC-13STATE will provide the following sub-elements to the extent technically feasible. The Adjacent Off-site Arrangement is available if the Collocator's site is located on a property that is contiguous to or within one standard city block of SBC-13STATE's Central Office or Eligible Structure. When the Collocator elects to collocate by Adjacent Off-site Arrangement, the Collocator shall provide both AC and DC Power required to operate such facility. Rates and charges for these sub-elements are as found in the Collocation Rate Summary of this Appendix.

19.2.20.2 Planning Fee Adjacent Off-site Arrangement

19.2.20.2.1 Planning Fee will apply when a Collocator is requesting any Interconnection Terminations between the Collocator's Adjacent Off-site structure and SBC-13STATE on Adjacent Off-site initial or subsequent collocation application. This fee recovers the design route of the Interconnection Terminations to the Collocator's Adjacent Off-site structure. Rates and charges are found in the Collocation Rate Summary of this Appendix.

19.2.21 Conduit Space for Adjacent Off-site Arrangement

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

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

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

19.2.23 Miscellaneous Charges (Optional)

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

19.2.24 Collocation to Collocation Connection

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

19.2.24.1.1 Fiber Cable (12 Fibers)

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

19.2.24.1.2 Copper Cable (28 DS1s)

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

19.2.24.1.3 Coax Cable (1 DS3)

19.2.24.1.3.1 This rate element is for SBC-13STATE to provide and install for direct cabling using coaxial cable (1 DS3) between two (2) collocation arrangements at an Eligible Structure expressed as a combination of a non-recurring charge and a monthly rate.

19.2.24.1.4 Cable Racking and Hole

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

19.2.24.1.5 Route Design

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

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

21. CDOW (CLECs DOING OWN WORK) - COLLOCATOR RESPONSIBILITIES

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

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

Approved Vendor must obtain an approved Method Procedures (MOP) from SBC-13STATE and follow SBC-13STATE's Technical Publication TP 76300MP for installation of equipment and facilities;

21.2 The Collocator has the option to provide, install, and terminate its power cable leads between Collocator's Dedicated Space and SBC-13STATE's Battery Distribution Fuse Bay (BDFB) by using an SBC-13STATE Approved Power Installation Vendor. When SBC-13STATE designated power termination point is at the Power Plant Primary Distribution, the Collocator's SBC-13STATE Approved Power Installation Vendor will provide and install the power cable leads, but not terminate. The Collocator must contact SBC-13STATE Project manager five (5) business days prior to scheduling a request for the termination of the Collocator's power cable leads to SBC-13STATE Power Plant Primary Distribution, which will be performed by SBC-13STATE. This option is only available if the Collocator does all three (3) activities associated with the power cable lead unless described otherwise within this Section. The Collocator may not elect to do some but not all the activities unless otherwise permitted in this Section. If Collocator selects this option, the Collocator must also select the option to provide, install and terminate its interconnection cabling described in Section 21.1 above. Intervals and provisioning for this option are found in Section 21.3. The Collocator's SBC-13STATE Approved Power Installation Vendor must obtain an approved Method of Procedures (MOP) from SBC-13STATE and follow SBC-13STATE's Technical Publication TP 76300MP for installation of equipment and facilities.

21.3 Interval (Collocator Installs Interconnection and Power Cabling)

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

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

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

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

Table (1)

Number of All Applications submitted by One Collocator per state or metering region	Overhead Iron/Racking Exists for Active Collocation Space Use	Overhead Iron/Racking Does Not Exist for Active Collocation Space Use	Additional Power or HVAC is not Required for the assigned Inactive Collocation Space Use	Additional Power or HVAC is Required for the assigned Inactive Collocation Space Use
1 - 10	60 calendar days	80 calendar days	140 calendar days	180 calendar days
11 – 20	65 calendar days	85 calendar days	145 calendar days	185 calendar days

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

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

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

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

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

21.3.5.1 Applications (except requests for Adjacent Structure Collocation) received by SBC-13STATE from a Collocator within a ten (10) business day period shall be treated as submitted at the same time for purposes of administering the above staggering

intervals. The Caged and Cageless Collocation delivery interval ends when roughed in and the assigned space has been distinctly marked by SBC-13STATE.

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

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

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

Table (2)

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

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

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

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

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

21.3.7 Within twenty (20) calendar days or mutually agreed upon time, from SBC-13STATE's receipt of the confirmatory response in writing to continue construction on the Physical Collocation job requested along with the fifty percent (50%) payment of non-recurring charges (unless payment was received with application), Network Support and/or appropriate departments will schedule a walk through visit with the telecommunications carrier and/or vendor to provide floor plans of space and the preliminary route design for the interconnection and power cabling.

21.4 Rates Elements for SBC-13STATE Central Offices

21.4.1 Caged Collocation

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

21.4.2 DC Power Arrangement Provisioning

21.4.2.1 When the Collocator selects the option to provide and install its power cable by a SBC-13STATE Approved Power Installation vendor, only the rack occupancy and on-going maintenance of the rack charge will apply. The Collocator will not be permitted access to SBC-13STATE Battery Distribution Fuse Bay or Power Plant Primary Distribution, but SBC-13STATE approved power installation vendor will have access. Rates for extension of power cables to the Adjacent On-site structure will not apply when provided and installed by telecommunications carriers SBC-13STATE Approved Vendor. This is expressed as a monthly rate as specified the Collocation Rate Summary of this Appendix.

21.4.3 Entrance Fiber Optic Cable Arrangement

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

21.4.4 DS0 Voice Grade Interconnection Cable Arrangement

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

21.4.5 DS-1 Interconnection Cable Arrangement to DCS

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

21.4.6 DS-1 Interconnection Cable Arrangement to DSX

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

21.4.7 DS-3 Interconnection Cable Arrangement to DCS

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

21.4.8 DS-3 Interconnection Cable Arrangement to DSX

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

21.4.9 Fiber Interconnection Cable Arrangement

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

21.4.10 Collocation to Collocation Connection

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

21.4.10.1.1 Fiber Cable (12 Fiber Pair)

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

21.4.10.1.2 Copper Cable

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

21.4.10.1.3 Coax Cable

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

21.4.10.1.4 Cable Racking and Hole

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

sub-element is expressed as a monthly rate specified in the Collocation Rate Summary of this Appendix.

21.4.10.1.5 Route Design

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

APPENDIX COORDINATED HOT CUT (CHC)

TABLE OF CONTENTS

1. INTRODUCTION 3
2. CHC SERVICE DESCRIPTION 3
3. CHC PRICING 4

APPENDIX COORDINATED HOT CUT (CHC)

1. INTRODUCTION

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

1.1 **SBC Communications Inc. (SBC)** means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.2 SBC-13STATE - As used herein, SBC-13STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE, SBC-2STATE and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.3 SBC CALIFORNIA – As used herein, SBC CALIFORNIA means Pacific Bell Telephone Company d/b/a SBC California, the applicable SBC-owned ILEC doing business in California.

1.4 SBC CONNECTICUT - As used herein, SBC CONNECTICUT means The Southern New England Telephone Company, the applicable above listed ILEC doing business in Connecticut.

1.5 SBC MIDWEST REGION 5-STATE - As used herein, SBC MIDWEST REGION 5-STATE means Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.6 SBC NEVADA - As used herein, SBC NEVADA means Nevada Bell Telephone Company d/b/a SBC Nevada, the applicable SBC-owned ILEC doing business in Nevada.

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

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

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

2. CHC SERVICE DESCRIPTION

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

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

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

2.4 The SBC-13STATE reserves the right to suspend the availability of CHC Service during unanticipated heavy workload/activity periods. Heavy workload includes any unanticipated volume of work that impacts the SBC-13STATE's ability to provide its baseline service. Where time permits, the SBC-13STATE will make every effort to notify CLEC when such unanticipated activities occur.

3. CHC PRICING

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

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

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

3.2.2 SBC NEVADA – PUCN, Section C13A, 13.2.6(c)

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

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

3.2.5 SBC CONNECTICUT – Connecticut Access Service Tariff, Section 18.1(3)

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

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

APPENDIX MERGER CONDITIONS

TABLE OF CONTENTS

1. MERGER CONDITIONS....3
2. DEFINED TERMS; DATES OF REFERENCE....3
3. PROMOTIONAL DISCOUNTS ON RESALE....4
4. CONFLICTING CONDITIONS....5
5. SUSPENSION OF CONDITIONS....5

APPENDIX MERGER CONDITIONS

1. MERGER CONDITIONS

1.1 For purposes of this Appendix only, SBC-13STATE is defined as one of the following ILECs, as appropriate, in those geographic areas where the referenced SBC-owned Company is the ILEC: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P., d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.1.1 SBC-2STATE - As used herein, SBC-2STATE means SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in California and Nevada.

1.1.2 SBC-13STATE - As used herein, SBC-13STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE, SBC-2STATE and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.1.3 SBC CONNECTICUT - As used herein, SBC CONNECTICUT means The Southern New England Telephone Company d/b/a SBC Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.1.4 SBC MIDWEST REGION 5-STATE - As used herein, SBC MIDWEST REGION 5-STATE means Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

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

1.2 The Parties agree to abide by and incorporate by reference into this Appendix the FCC Merger Conditions to the extent that particular conditions have not yet terminated (sunset) and which are specifically addressed herein or relate to any provisions set forth herein.

1.3 Each of the obligations set forth in this Appendix terminates the earlier of: (1) the date this Agreement itself terminates without reference to this Appendix; or (2) the date such obligation terminates under the FCC Merger Conditions.

2. DEFINED TERMS; DATES OF REFERENCE

2.1 Unless otherwise defined in this Appendix, capitalized terms shall have the meanings assigned to such terms in the Agreement without reference to this Appendix and in the FCC Merger Conditions.

2.2 For purposes of calculating the intervals set forth in the FCC Merger Conditions concerning carrier to carrier promotions:

2.2.1 the Merger Closing Date is October 8, 1999; and

2.2.2 the Offering Window begins November 7, 1999.

2.3 8"FCC Merger Conditions" means the Conditions for FCC Order Approving SBC/Ameritech Merger, CC Docket No. 98-141.

3. PROMOTIONAL DISCOUNTS ON RESALE

3.1 The promotional resale discount ("Resale Discount") on telecommunications services that SBC-13STATE provides at retail to subscribers who are not telecommunications carriers, where such services are resold to residential end user customers sunset (terminated) in each SBC-13STATE on November 8, 2002. Consequently, such discount is not available to any CLEC who did not have an approved and effective FCC Merger Conditions Appendix in each of its Agreements with SBC-13STATE that provided for such Resale Discount before November 8, 2002. Thus, notwithstanding anything to the contrary in this Appendix or Agreement, in the event that any other telecommunications carrier should adopt provisions in this Appendix or Agreement pursuant to Section 252(i) of the Act, or otherwise obtains this Appendix, CLEC shall not be entitled to this Resale Discount unless the CLEC: (1) had an approved and effective FCC Merger Conditions Appendix in each of its Agreements with SBC-13STATE that provided for this Resale Discount before November 8, 2002; and (2) even then, only with respect to those underlying resold lines the Adopting CLEC ordered prior to November 8, 2002 for this resale discount with a requested installation date of no later than December 7, 2002, as more specifically addressed in Paragraph 48 of the FCC Merger Conditions.

3.2 With respect to any CLEC that had an approved and effective FCC Merger Conditions Appendix in its Interconnection Agreement with SBC-13STATE that provided for such Resale Discount before November 8, 2002, such CLEC shall continue to receive this promotional discount only for those underlying resold lines CLEC ordered during the Offering Window for this resale discount that has/had a requested installation date of no later than December 7, 2002, as more specifically addressed in Paragraph 48 of the FCC Merger Conditions. Any resold services (such as Call Waiting) provided over a resold customer line that is/was placed in service after December 7, 2002 shall not be eligible for the Resale Discount. Resold services (such as Call Waiting) added to a resold line that qualifies for the Resale Discount (i.e., which was ordered by CLEC during the offering window and has/had a requested installation date of no later than December 7, 2002) shall be eligible for the Resale Discount for the duration of the Promotional Period for the underlying resold service regardless of whether such resold services were added after the end of the Offering Window (i.e., November 8, 2002). SBC/Ameritech is under no obligation to provide a service for resale at the Resale Discount outside the Promotional Period. For purposes of this subsection, Promotional Period is defined as a period of 36 months from the date a qualifying resold service was installed and operational, or the period during which the resold service remains in service at the same location and for the same telecommunications carrier, whichever is shorter.

3.3 If CLEC does not qualify for the Resale Discount, SBC-13STATE's provision, if any, and CLEC's payment for promotional resale discounts shall continue to be governed by Appendix Resale as currently contained in the Agreement without reference to this Appendix. Unless SBC receives thirty (30) days advance written notice with instructions to terminate service provided via the Resale Discount or to convert such service to an available alternative service provided by SBC-13STATE, then upon expiration of the Resale Discount in any state, the service shall automatically convert to an appropriate SBC-13STATE product/service offering pursuant to the rates, terms and conditions of the Agreement or, in the absence of rates, terms and conditions in the Agreement, the applicable tariff. Where there are no provisions for such offering in the Agreement without reference to this Appendix and there is no applicable tariff, the Parties shall meet within 30 days of a written request to do so to negotiate mutually acceptable rates, terms and conditions that shall apply retroactively. If the Parties are unable to reach agreement within 60 days of the written request to negotiate, any outstanding disputes shall be handled in accordance with the Dispute Resolution procedures in the Agreement.

4. CONFLICTING CONDITIONS

4.1 If any of the FCC Merger Conditions in this Appendix and conditions imposed in connection with the merger under state law grant similar rights against SBC-13STATE, CLEC shall not have a right to invoke the relevant terms of these FCC Merger Conditions in this Appendix if CLEC has invoked substantially related conditions imposed on the merger under state law in accordance the FCC Merger Conditions.

5. SUSPENSION OF CONDITIONS

5.1 If the FCC Merger Conditions are overturned or any of the provisions of the FCC Merger Conditions that are incorporated herein by reference are amended or modified as a result of any order or finding by the FCC, a court of competent jurisdiction or other governmental and/or regulatory authority, any impacted promotional discounts and other provisions described in this Appendix shall be automatically and without notice suspended as of the date of such termination, order or finding and shall not apply to any product or service purchased by CLEC or provisioned by SBC-13STATE after the date of such termination, order or finding. Thereafter, SBC-13STATE's continued provision and CLEC's payment for any service or item originally ordered or provided under this Appendix shall be governed by the rates, terms, and conditions as currently contained in the Agreement without reference to this Appendix. In the event that the FCC changes, modifies, adds or deletes any of the FCC Merger Conditions set forth herein, the Parties agree that the FCC's final order controls and takes precedence over the FCC Merger Conditions set forth herein.

APPENDIX ITR
(Interconnection Trunking Requirements)

TABLE OF CONTENTS

1. INTRODUCTION 3
2. DEFINITIONS 4
3. ONE-WAY AND TWO-WAY TRUNK GROUPS 4
4. TANDEM TRUNKING AND DIRECT END OFFICE TRUNKING 5
5. TRUNK GROUPS 7
6. FORECASTING RESPONSIBILITIES: SBC-13STATE 11
7. TRUNK DESIGN BLOCKING CRITERIA: SBC-13STATE 12
8. TRUNK SERVICING: SBC-13STATE 13
9. TRUNK DATA EXCHANGE: SBC-13STATE 15
10. NETWORK MANAGEMENT: SBC-13STATE 15
11. OUT OF EXCHANGE TRAFFIC 15
12. CIRCUIT SWITCHED TRAFFIC 16
13. IP TRAFFIC 16

APPENDIX ITR

(Interconnection Trunking Requirements)

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions for Interconnection provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and CLEC.

1.2 This Appendix provides descriptions of the trunking requirements between CLEC and SBC-13STATE. All references to incoming and outgoing trunk groups are from the perspective of CLEC. The paragraphs below describe the required and optional trunk groups for local, IntraLATA toll, InterLATA "meet point", mass calling, E911, Operator Services and Directory Assistance traffic.

1.3 Local trunk groups may only be used to transport traffic between the parties End Users.

1.4 SBC Communications Inc. (SBC) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.5 SBC-2STATE - As used herein, SBC-2STATE means SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in California and Nevada.

1.6 SBC-4STATE - As used herein, SBC-4STATE means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, and SBC Oklahoma the applicable SBC-owned ILEC(s) doing business in Arkansas, Kansas, Missouri and Oklahoma.

1.7 SBC-7STATE - As used herein, SBC-7STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.8 SBC-8STATE - As used herein, SBC-8STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA, SBC NEVADA, and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.9 SBC-10STATE - As used herein, SBC-10STATE means SBC SOUTHWEST REGION 5-STATE and SBC MIDWEST REGION 5-STATE an the applicable SBC-owned ILEC(s) doing business in Arkansas, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Texas, and Wisconsin.

1.10 SBC-12STATE - As used herein, SBC-12STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE and SBC-2STATE the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.11 SBC-13STATE - As used herein, SBC-13STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE, SBC-2STATE and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.12 SBC ARKANSAS - As used herein, SBC ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, the applicable SBC-owned ILEC doing business in Arkansas.

1.13 SBC CALIFORNIA – As used herein, SBC CALIFORNIA means Pacific Bell Telephone Company d/b/a SBC California, the applicable SBC-owned ILEC doing business in California.

1.14 SBC CONNECTICUT - As used herein, SBC CONNECTICUT means The Southern New England Telephone Company, the applicable above listed ILEC doing business in Connecticut.

1.15 SBC KANSAS - As used herein, SBC KANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Kansas, the applicable SBC-owned ILEC doing business in Kansas.

1.16 SBC ILLINOIS - As used herein, SBC ILLINOIS means Illinois Bell Telephone Company d/b/a SBC Illinois, the applicable SBC-owned ILEC doing business in Illinois.

1.17 SBC INDIANA - As used herein, SBC INDIANA means Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, the applicable SBC-owned ILEC doing business in Indiana.

1.18 SBC MICHIGAN - As used herein, SBC MICHIGAN means Michigan Bell Telephone Company d/b/a SBC Michigan, the applicable SBC-owned doing business in Michigan.

1.19 SBC MIDWEST REGION 5-STATE - As used herein, SBC MIDWEST REGION 5-STATE means Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.20 SBC MISSOURI - As used herein, SBC MISSOURI means Southwestern Bell Telephone, L.P. d/b/a SBC Missouri, the applicable SBC-owned ILEC doing business in Missouri.

1.21 SBC NEVADA - As used herein, SBC NEVADA means Nevada Bell Telephone Company d/b/a SBC Nevada, the applicable SBC-owned ILEC doing business in Nevada.

1.22 SBC OHIO - As used herein, SBC OHIO means The Ohio Bell Telephone Company d/b/a SBC Ohio, the applicable SBC-owned ILEC doing business in Ohio.

1.23 SBC OKLAHOMA - As used herein, SBC OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a SBC Oklahoma, the applicable SBC-owned ILEC doing business in Oklahoma.

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

1.25 SBC TEXAS - As used herein, SBC TEXAS means Southwestern Bell Telephone, L.P. d/b/a SBC Texas, the applicable SBC-owned ILEC doing business in Texas.

1.26 SBC WISCONSIN - As used herein, SBC WISCONSIN means Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC doing business in Wisconsin.

2. DEFINITION

2.1 "Network Interconnection Methods" (NIM) designates facilities established between the Parties Networks.

3. ONE-WAY AND TWO-WAY TRUNK GROUPS

3.1 CLEC shall issue Access Service Request (ASR) for two-way trunk groups. CLEC shall issue ASR's for one-way trunk groups originating at the CLEC switch. SBC-13STATE shall issue ASR's for one-way trunk groups, originating at the SBC-13STATE switch. Exceptions to this are noted below:

3.1.1 CLEC shall issue ASRs for one-way Meet Point Trunk Groups (MPTGs) in SBC-13STATE.

3.1.2 CLEC shall issue ASRs for one-way Busy Line Verification/Emergency Interrupt trunk group.

3.1.3 CLEC shall issue ASRs for one-way High Volume Call In trunk group as described in section 5.7.3.

3.2 One-way trunk groups for ancillary services (e.g. OS/DA, BLVI, mass calling, Meet Point, and 911) can be established between a CLEC switch and an SBC-13STATE Tandem as further provided in this Appendix

ITR. CLEC is financially responsible for the transport facility cost as described in Appendix NIM section 2.6. These trunk groups will utilize Signaling System 7 (SS7) or multi-frequency (MF) signaling protocol, with SS7 signaling preferred whenever possible.

3.3 Two-way trunk groups for Section 251(b)(5)l/ IntraLATA Toll and InterLATA traffic can be established between a CLEC switch and an SBC-12STATE Tandem or End Office switch. These trunk groups will utilize Signaling System 7 (SS7) or multi-frequency (MF) signaling protocol, with SS7 signaling preferred whenever possible. For administrative consistency CLEC will have control for the purpose of issuing Access Service Requests (ASRs) on two-way groups. SBC-13STATE will use the Trunk Group Service Request (TGSR), as described in section 8.0 of this Appendix, to request changes in trunking. Both Parties reserve the right to issue ASRs, if so required, in the normal course of business.

3.4 The Parties agree that two-way trunking shall be established when possible and appropriate for a given trunk group. However, in SBC CONNECTICUT one-way trunking is required to accommodate billing and technical limitations. The Parties will negotiate the appropriate trunk configuration, whether one-way or two-way to accommodate the present billing and technical limitations.

3.5 The Parties agree to exchange traffic data on two-way trunks and to implement such an exchange within three (3) months of the date that two-way trunking is established and the trunk groups begin passing live traffic, or another date as agreed to by the Parties. The Parties agree to the electronic exchange of data as described in section 9 of this Appendix ITR.

3.6 The Parties recognize that embedded one-way trunks may exist for Section 251(b)(5)/IntraLATA toll traffic via end-point meet Interconnection architecture. The Parties may agree to negotiate a transition plan to migrate the embedded one-way trunks to two-way trunks via any Interconnection method as described in Appendix NIM. The Parties will coordinate any such migration, trunk group prioritization, and implementation schedule. SBC-12STATE agrees to develop a cutover plan and project manage the cutovers with CLEC participation and agreement.

4. TANDEM TRUNKING AND DIRECT END OFFICE TRUNKING

4.1 SBC-13STATE deploys in its network Tandems that switch local only traffic (local Tandem SBC SOUTHWEST REGION 5-STATE and SBC MIDWEST REGION 5-STATE), Tandems that switch only Section 251(b)(5) and IntraLATAToll traffic (local/IntraLATA Tandem SBC SOUTHWEST REGION 5-STATE only), Tandems that switch IntraLATA Toll and InterLATA Toll traffic (Access Tandem) and Tandems that switch both Section 251(b)(5) and IntraLATA/InterLATA traffic (local/Access Tandem). In addition SBC-13STATE deploys Tandems that switch ancillary traffic such as 911 (911 Tandem), Operator Services/Directory Assistance (OS/DA Tandem), and mass calling (choke Tandem). Traffic on Tandem trunks does not terminate at the Tandem but is switched to other trunks that terminate the traffic in End Offices and ultimately to End Users.

4.2 When Tandem trunks are deployed, CLEC shall connect to all tandems in the LATA in SBC CONNECTICUT, SBC CALIFORNIA, SBC NEVADA and SBC MIDWEST REGION 5-STATE and to all Tandems in the local exchange area in SBC SOUTHWEST REGION 5-STATE. CLEC shall route appropriate traffic (i.e. only traffic to End Offices that subtend that Tandem) to the respective SBC-13STATE Tandems on the trunk groups defined below. SBC-13STATE shall route appropriate traffic to CLEC switches on the trunk groups defined below.

4.3 Direct End Office trunks terminate traffic from a CLEC switch to an SBC-13STATE End Office and are not switched at a Tandem location. The Parties shall establish a two-way Direct End Office trunk group when actual or projected End Office traffic requires twenty-four (24) or more trunks or when no local or local/Access Tandem is present in the local exchange area. Overflow from either end of the Direct End Office trunk group will be alternate routed to the appropriate Tandem. Section 251(b)(5) traffic will only be alternately routed if the local exchange area is served by a local or local/Access Tandem.

4.3.1 Direct End Office trunks terminate Section 251(b)(5)/Intralata toll traffic from a CLEC switch to an SBC-13STATE End Office. This traffic is not switched at a Tandem location. DEOT's terminate Section 251(b)(5)/IntraLata toll traffic from CLEC Switch to SBC-13STATE End Office's.

4.3.2 The Parties will exert commercially reasonable efforts to achieve and maintain a network architecture within a Tandem serving area such that the DEOT does not fall below 80% of the total number of trunks the CLEC has in service in the Tandem serving areas for two consecutive months. This should be achieved within 6 months of new interconnection in a Tandem serving area or within 3 months for existing interconnections. To determine the 80% DEOT to Tandem trunks threshold, the total number of DEOTs will be divided by the total number of trunks CLEC has in use in the Tandem serving area that CLEC into which has interconnection.

4.4 All traffic received by SBC-13STATE on the direct End Office trunk group from CLEC must terminate in the End Office, i.e. no Tandem switching will be performed in the End Office. Where End Office functionality is provided in a remote End Office of a host/remote configuration, the Interconnection for that remote End Office is only available at the host switch. The number of digits to be received by the SBC-13STATE End Office shall be mutually agreed upon by the Parties. This trunk group shall be two-way.

4.5 Trunk Configuration

4.5.1 Trunk Configuration – SBC SOUTHWEST REGION T-STATE, SBC MIDWEST REGION 5-STATE and SBC CONNECTICUT

4.5.1.1 Where available and upon the request of the other Party, each Party shall cooperate to ensure that its trunk groups are configured utilizing the Bipolar 8 Zero Substitution Extended Super Frame (B8ZS ESF) protocol for 64 kbps Clear Channel Capability (64CCC) transmission to allow for ISDN interoperability between the Parties' respective networks. Trunk groups configured for 64CCC and carrying Circuit Switched Data (CSD) ISDN calls shall carry the appropriate Trunk Type Modifier in the CLCI-Message code. Trunk groups configured for 64CCC and not used to carry CSD ISDN calls shall carry a different appropriate Trunk Type Modifier in the CLCI-Message code.

4.5.1.2 The Lucent 1AESS switch is incapable of handling 64CCC traffic. Therefore, all trunk groups established to the 1AESS switches must use Alternate Mark Inversion (AMI).

4.5.2 Trunk Configuration – SBC CALIFORNIA and SBC NEVADA

4.5.2.1 When Interconnecting at SBC CALIFORNIA/SBC NEVADA's digital End Offices, the Parties have a preference for use of Bipolar 8 Zero Substitution Extended Super Frame (B8ZS ESF) two-way trunks for all traffic between their networks. Where available, such trunk equipment will be used for Local Interconnection trunk groups. Where AMI trunks are used, either Party may request upgrade to B8ZS ESF when such equipment is available.

4.5.2.2 When Interconnecting at SBC CALIFORNIA's DMS Tandem(s), 64CCC data and voice traffic may be combined on the same B8ZF ESF facilities and 2-way trunk group. 64CCC data and voice traffic must be separate and not combined at SBC CALIFORNIA's 4E Tandems. A CLEC establishing new trunk groups to carry combined voice and data traffic from SBC CALIFORNIA's DMS Tandems may do so where facilities and equipment exist. Where separate voice and data Interconnection trunking already exists CLEC may transition to combined voice and data trunking as a major project, subject to rules, timelines and guidelines set forth in the CLEC handbook, which is not incorporated herein refer to the appropriate ILEC's website. In all cases, CLEC will be required to disconnect existing voice-only trunk groups as existing 64CCC trunk groups are augmented to carry both voice and data traffic. For both the combined and the segregated voice and data trunk groups, where additional equipment is required, such equipment will be obtained, engineered, and installed on the same basis and with the same intervals as any similar growth job which SBC CALIFORNIA does for IXC's, CLEC's, or itself for 64CCC trunks.

5. TRUNK GROUPS

5.1 The following trunk groups shall be used to exchange various types of traffic between CLEC and SBC-13STATE.

5.2 Local and IntraLATA Interconnection Trunk Group(s) in Each Local Exchange Area: SBC SOUTHWEST REGION 5-STATE.

5.2.1 A two-way local trunk group shall be established between CLEC switch and each SBC SOUTHWEST REGION 5-STATE local only Tandem in the local exchange area. Inter-Tandem switching is not provided.

5.2.2 A two-way local/IntraLATA trunk group shall be established between CLEC switch and each SBC SOUTHWEST REGION 5-STATE local/IntraLATA Tandem in the local exchange area. Inter-Tandem switching is not provided.

5.2.3 SBC SOUTHWEST REGION 5-STATE reserves the right to initiate a one-way IntraLATA trunk group to CLEC in order to provide Tandem relief when a community of interest is outside the local exchange area in which the CLEC is Interconnected.

5.2.4 Where traffic from CLEC switch to SBC SOUTHWEST REGION 5-STATE End Office is sufficient, 24 or more trunks, a local or local/IntraLATA trunk group shall also be established to the SBC SOUTHWEST REGION 5-STATE End Office as described in Sections 4.4 and 4.5.

5.2.5 A local or local/IntraLATA trunk group shall be established from CLEC switch to each SBC SOUTHWEST REGION 5-STATE End Office in a local exchange area that has no local Tandem.

5.2.6 Each Party shall deliver to the other Party over the Local Trunk Group(s) only such traffic that originates and terminates in the local exchange area.

5.2.7 When SBC SOUTHWEST REGION 5-STATE has a separate local Tandem and Access Tandem in the local exchange area, a two-way IntraLATA toll trunk group shall be established to the SBC SOUTHWEST REGION 5-STATE Access Tandem, in addition a two-way local trunk group shall be established from the CLEC switch to the SBC SOUTHWEST REGION 5-STATE local Tandem(s).

5.2.8 When SBC SOUTHWEST REGION 5-STATE has a combined local/Access Tandem in a local exchange area, local and IntraLATA toll traffic shall be combined on a two-way local/IntraLATA trunk group.

5.2.9 When SBC SOUTHWEST REGION 5-STATE has more than one combined local/Access Tandem in a local exchange area, Section 251(b)(5)/IntraLATA toll traffic shall be combined on a two-way local/IntraLATA trunk group to each SBC SOUTHWEST REGION 5-STATE Tandem.

5.3 Local and IntraLATA Interconnection Trunk Group(s) in Each LATA: SBC MIDWEST REGION 5-STATE, SBC CONNECTICUT, SBC CALIFORNIA and SBC NEVADA.

5.3.1 Tandem Trunking - Single Tandem LATAs

5.3.1.1 Where SBC CALIFORNIA, SBC NEVADA or SBC MIDWEST REGION 5-STATE has a single Access Tandem in a LATA, IntraLATA Toll and Local traffic shall be combined on a single Local Interconnection Trunk group for calls destined to or from all End Offices that subtend the Tandem. This trunk group shall be two-way and will utilize Signaling System 7 (SS7) signaling.

5.3.2 Tandem Trunking – Multiple Tandem LATAs

5.3.2.1 Where SBC CALIFORNIA, SBC NEVADA, SBC CONNECTICUT or SBC MIDWEST REGION 5-STATE has more than one Access Tandem and/or local/IntraLATA Tandem in a LATA, IntraLATA Toll and Local traffic shall be combined on a single Local Interconnection Trunk Group at every SBC CALIFORNIA, SBC NEVADA, SBC CONNECTICUT or SBC MIDWEST REGION 5-STATE Tandem for calls destined to or

from all End Offices that subtend each Tandem. These trunk groups shall be two-way and will utilize Signaling System 7 (SS7) signaling.

5.3.3 Direct End Office Trunking

5.3.3.1 The Parties shall establish direct End Office primary high usage Local Interconnection trunk groups for the exchange of Section 251(b)(5)/IntraLATA toll traffic where actual or projected traffic demand is or will be twenty four (24) or more trunks, as described in Sections 4.4 and 4.5.

5.4 Meet Point Trunk Group: SBC-13STATE

5.4.1 IXC traffic shall be transported between CLEC switch and the SBC-13STATE Access or combined local/Access Tandem over a Meet Point Trunk Group separate from Section 251(b)(5)/IntraLATA toll traffic. The Meet Point Trunk Group will be established for the transmission and routing of exchange access traffic between CLEC's End Users and inter exchange carriers via a SBC-13STATE Access Tandem.

5.4.2 Meet Point Trunk Groups shall be set up as two-way and will utilize SS7 signaling, except multifrequency ("MF") signaling will be used on a separate Meet Point Trunk Group to complete originating calls to switched access customers that use MF FGD signaling protocol. CLEC is financially responsible for the transport facility cost as described in Appendix NIM section 2.6.

5.4.3 When SBC-13STATE has more than one Access Tandem in a local exchange area or LATA, CLEC shall establish a Meet Point Trunk Group to each SBC-13STATE Access Tandem where the CLEC has homed its NXX code(s). If the Access Tandems are in two different states, CLEC shall establish a Meet Point Trunk Group with one Access Tandem in each state.

5.4.4 In SBC-13STATE where there is more than one Access Tandem in a LATA, and the CLEC had previously established a Meet Point Trunk Group to a SBC-13STATE Access Tandem, or a constrained Access Tandem condition exist, the Parties agree to develop a mutually acceptable plan to establish a Meet Point Trunk Group to each SBC-13STATE Access Tandem where the CLEC has homed its NXX code(s).

5.4.5 FOR SBC CALIFORNIA ONLY: CLEC will home new codes serving a particular community on the Tandem serving that community, as defined in SCHEDULE CAL.P.U.C. NO. I75—T, Section 6.7.3, Tandem Access Sectorization (TAS). CLEC is not required, however, to home codes by the sector designations. CLEC also agrees to locate at least one Local Routing Number (LRN) per home Tandem if CLEC ports any telephone numbers to its network from a community currently homing on that Tandem.

5.4.6 SBC-13STATE: For each NXX code used by either Party, the Party that owns the NXX must maintain network facilities (whether owned or leased) used to actively provide, in part, local Telecommunications Service in the geographic area assigned to such NXX code. If either Party uses its NXX Code to provide foreign exchange service to its customers outside of the geographic area assigned to such code, that Party shall be solely responsible to transport traffic between its foreign exchange service customer and such code's geographic area.

5.4.7 SBC-13STATE will not block switched access customer traffic delivered to any SBC-13STATE Tandem for completion on CLEC's network. The Parties understand and agree that Meet Point trunking arrangements are available and functional only to/from switched access customers who directly connect with any SBC-13STATE Access Tandem that CLEC switch subtends in each LATA. In no event will SBC-13STATE be required to route such traffic through more than one Tandem for connection to/from switched access customers. SBC-13STATE shall have no responsibility to ensure that any switched access customer will accept traffic that CLEC directs to the switched access customer.

5.4.8 CLEC shall provide all SS7 signaling information including, without limitation, charge number and originating line information ("OLI"). For terminating FGD, SBC-13STATE will pass all SS7 signaling information including, without limitation, CPN if it receives CPN from FGD carriers. All privacy indicators will be honored. Where available, network signaling information such as transit network selection ("TNS") parameter, carrier identification codes ("CIC") (CCS platform) and CIC/OZZ information (non-SS7 environment) will be provided by CLEC wherever such information is needed for call routing or billing. The Parties will follow all OBF adopted standards pertaining to TNS and CIC/OZZ codes.

5.5 800/(8YY) Traffic: SBC-13STATE

5.5.1 If CLEC chooses SBC-13STATE to handle 800/(8YY) database queries from its switches, all CLEC originating 800/(8YY) traffic will be routed over the InterLATA meet point trunk group. This traffic will include a combination of both Interexchange Carrier (IXC), 800/(8YY) service and CLEC 800/(8YY) service that will be identified and segregated by carrier through the database query handled through the SBC-13STATE Tandem switch.

5.5.2 All originating Toll Free Service (800/8YY) calls for which CLEC requests that SBC-13STATE perform the Service Switching Point ("SSP") function (e.g., perform the database query) shall be delivered using GR-394 format over the Meet Point Trunk Group. Carrier Code "0110" and Circuit Code (to be determined for each LATA) shall be used for all such calls.

5.5.3 CLEC may handle its own 800/8YY database queries from its switch. If so, CLEC will determine the nature (local/intraLATA/interLATA) of the 800/8YY call based on the response from the database. If the query determines that the call is a local or IntraLATA 800/8YY number, CLEC will route the post-query local or IntraLATA converted ten-digit local number to SBC-13STATE over the local or intra-LATA trunk group. In such case, the CLEC is to provide an 800/8YY billing record when appropriate. If the query reveals the call is an InterLATA 800/8YY number, CLEC will route the post-query inter-LATA call (800/8YY number) directly from its switch for carriers Interconnected with its network or over the meet point group to carriers not directly connected to its network but are connected to SBC-13STATE's Access Tandem. Calls will be routed to SBC-13STATE over the local/IntraLATA and inter-LATA trunk groups within the LATA in which the calls originate.

5.5.4 All post-query Toll Free Service (800/8YY) calls for which CLEC performs the SSP function, if delivered to SBC-13STATE, shall be delivered using GR-394 format over the Meet Point Trunk Group for calls destined to IXCs, or shall be delivered by CLEC using GR-317 format over the Local InterconnectionTtrunk Group for calls destined to End Offices that directly subtend the Tandem.

5.6 E911 Trunk Group

5.6.1 A dedicated trunk group for each NPA shall be established to each appropriate E911 switch within the local exchange area or LATA in which the CLEC offers exchange service. The CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group. This trunk group shall be set up as a one-way outgoing only and will utilize MF CAMA signaling or, where available, SS7 signaling. Where the parties utilize SS7 signaling and the E911 network has the technology available, only one E911 trunk group shall be established to handle multiple NPAs within the local exchange area or LATA. If the E911 network does not have the appropriate technology available, a SS7 trunk group shall be established for each NPA in the local exchange area or LATA. CLEC shall provide a minimum of two (2) one-way outgoing channels on E911 trunks dedicated for originating E911 emergency service calls from the Point of Interconnection (POI) to the SBC-13STATE E911 switch.

5.6.2 In SBC CONNECTICUT only, CLEC will comply with the CT DPUC directives regarding the E911 trunk groups. The current directive requires CLEC to establish three dedicated separate trunk groups for each Connecticut NPA, from its switch to each of the Connecticut E911 tandems. For each NPA, one trunk group using SS7 signaling will go to the Primary E911 tandem. A second trunk group using SS7 will go to the Secondary E911 tandem. The third trunk group will have MF CAMA

signaling and will go to the Primary E911 tandem and serve as a backup. These trunk groups shall be set up as a one-way outgoing only by CLEC. CLEC will have administrative control for the purpose of issuing ASRs.

5.6.3 CLEC will cooperate with SBC-13STATE to promptly test all 9-1-1 trunks and facilities between CLEC network and the SBC-13STATE 9-1-1 Tandem to assure proper functioning of 9-1-1 service. CLEC will not turn-up live traffic until successful testing is completed by both Parties.

5.7 High Volume Call In (HVCI) / Mass Calling (Choke) Trunk Group: SBC-12STATE

5.7.1 A dedicated trunk group shall be required to the designated Public Response HVCI/Mass Calling Network Access Tandem in each serving area. This trunk group shall be one-way outgoing only and shall utilize MF signaling. As the HVCI/Mass Calling trunk group is designed to block all excessive attempts toward HVCI/Mass Calling NXXs, it is necessarily exempt from the one percent blocking standard described elsewhere for other final Local Interconnection Trunk Groups. CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group. The Parties will not exchange live traffic until successful testing is completed by both Parties.

5.7.2 This group shall be sized as follows:

Number of Access Lines Served	***Number of Mass Calling Trunks***
0 – 10,000	*2*
10,001 – 20,000	*3*
20,001 – 30,000	*4*
30,001 – 40,000	*5*
40,001 – 50,000	*6*
50,001 – 60,000	*7*
60,001 – 75,000	*8*
75,000 +	*9 maximum*

5.7.3 If CLEC should acquire a HVCI/Mass Calling customer, i.e. a radio station, CLEC shall notify SBC-12STATE at least 60 days in advance of the need to establish a one-way outgoing SS7 or MF trunk group from the SBC-12STATE HVCI/Mass Calling Serving Office to the CLEC customer's serving office. CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group.

5.7.4 If CLEC finds it necessary to issue a new choke telephone number to a new or existing HVCI/Mass Calling customer, the CLEC may request a meeting to coordinate with SBC-12STATE the assignment of HVCI/Mass Calling telephone number from the existing choke NXX. In the event that the CLEC establishes a new choke NXX, CLEC must notify SBC-12STATE a minimum of ninety (90) days prior to deployment of the new HVCI/Mass Calling NXX. SBC-12STATE will perform the necessary translations in its End Offices and Tandem(s) and issue ASR's to establish a one-way outgoing SS7 or MF trunk group from the SBC-12STATE Public Response HVCI/Mass Calling Network Access Tandem to the CLEC's choke serving office.

5.7.5 In SBC CONNECTICUT, where HVCI/Mass Calling NXXs have not been established, the Parties agree to utilize "call gapping" as the method to control high volumes of calls, where technically feasible in the originating switch, to specific high volume customers or in situations such as those described in Section 36 Network Maintenance and Management of the General Terms and Conditions.

5.8 Operator Services/Directory Assistance Trunk Group(s)

5.8.1 If SBC-13STATE agrees to provide Inward Assistance Operator Services for the CLEC, please see section 4.1 of Appendix INW for the trunking requirements to provide this service.

5.8.2 If SBC-13STATE agrees through a separate appendix or contract to provide Directory Assistance and/or Operator Services for CLEC the following trunk groups are required:

5.8.2.1 Directory Assistance (DA)

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

5.8.2.2 Directory Assistance Call Completion (DACC)

5.8.2.2.1 CLEC contracting for DA services may also contract for DACC. This requires a segregated one-way trunk group to each SBC-13STATE OPERATOR SERVICES Tandem within the LATA for the combined DA and DACC traffic. his trunk group is set up as one-way outgoing only and utilizes Modified Operator Services Signaling (2 Digit ANI). The CLEC will have administrative control for the purpose of issuing ASR's on this one-way trunk group.

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

5.8.2.3.1 When SBC-13STATE's operator is under contract to verify the busy status of the CLEC End Users, SBC-13STATE will utilize a segregated one-way with MF signaling trunk group from SBC-13STATE's Operator Services Tandem to CLEC switch. CLEC will have administrative control for the purpose of issuing ASR's on this one-way trunk group.

5.8.2.4 Operator Assistance (0+, 0-)

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

5.8.2.5 Digit-Exchange Access Operator Services Signaling

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

5.8.2.6 OS Questionnaire

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

6. FORECASTING RESPONSIBILITIES: SBC-13STATE

6.1 CLEC agrees to provide an initial forecast for establishing the initial Interconnection facilities. SBC-13STATE shall review this forecast and if it has any additional information that will change the forecast shall provide this information to CLEC. Subsequent forecasts shall be provided on a semi-annual basis, not later than January 1 and July 1 in order to be considered in the semi-annual publication of the SBC-13STATE

General Trunk Forecast. This forecast should include yearly forecasted trunk quantities for all appropriate trunk groups described in this Appendix for a minimum of three years. Parties agree to the use of Common Language Location Identification (CLLI) coding and Common Language Circuit Identification for Message Trunk coding (CLCI-MSG) which is described in TELCORDIA TECHNOLOGIES documents BR795-100-100 and BR795-400-100 respectively. Inquiries pertaining to use of TELCORDIA TECHNOLOGIES Common Language Standards and document availability should be directed to TELCORDIA TECHNOLOGIES at 1-800-521-2673. Analysis of trunk group performance, and ordering of relief if required, will be performed on a monthly basis at a minimum.

6.2 The semi-annual forecasts shall include:

6.2.1 Yearly forecasted trunk quantities (which include measurements that reflect actual Tandem Local Interconnection and InterLATA trunks, End Office Local Interconnection trunks, and Tandem subtending Local Interconnection End Office equivalent trunk requirements) for a minimum of three (current plus 2 future) years; and

6.2.2 A description of major network projects anticipated for the following six months. Major network projects include trunking or network rearrangements, shifts in anticipated traffic patterns, orders greater than four (4) DS1's, or other activities that are reflected by a significant increase or decrease in trunking demand for the following forecasting period.

6.2.3 The Parties shall agree on a forecast provided above to ensure efficient utilization of trunks. Orders for trunks that exceed forecasted quantities for forecasted locations will be accommodated as mutually agreed to by the Parties. Parties shall make all reasonable efforts and cooperate in good faith to develop alternative solutions to accommodate these orders.

6.3 CLEC shall be responsible for forecasting two-way trunk groups. SBC-13STATE shall be responsible for forecasting and servicing the one way trunk groups terminating to the CLEC and the CLEC shall be responsible for forecasting and servicing the one way trunk groups terminating to SBC-13STATE, unless otherwise specified in this Appendix. Standard trunk traffic engineering methods will be used by the parties as described in Bell Communications Research, Inc. (TELCORDIA TECHNOLOGIES) document SR TAP 000191, Trunk Traffic Engineering Concepts and Applications.

6.4 If forecast quantities are in dispute, the Parties shall meet to reconcile the differences.

6.5 Each Party shall provide a specified point of contact for planning, forecasting and trunk servicing purposes.

7. TRUNK DESIGN BLOCKING CRITERIA: SBC-13STATE

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

TABLE 1

Trunk Group Type	Design Blocking Objective
Local Tandem	1%
Local Direct End Office (Primary High)	ECCS*
Local Direct End Office (Final)	2%
IntraLATA	1%
Local/IntraLATA	1%
InterLATA (Meet Point) Tandem	0.5%
911	1%
Operator Services (DA/DACC)	1%
Operator Services (0+, 0-)	1%
Busy Line Verification-Inward Only	1%

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

8. TRUNK SERVICING: SBC-13STATE

8.1 Orders between the Parties to establish, add, change or disconnect trunks shall be processed by using an Access Service Request (ASR). CLEC will have administrative control for the purpose of issuing ASR's on two-way trunk groups. In SBC MIDWEST REGION 5-STATE and SBC CONNECTICUT where one-way trunks are used (as discussed in section 3.4), SBC MIDWEST REGION 5-STATE and SBC CONNECTICUT will issue ASRs for trunk groups for traffic that originates in SBC-13STATE and terminates to CLEC. The Parties agree that neither Party shall alter trunk sizing without first conferring with the other party.

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

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

8.3.1 In A Blocking Situation (Over-utilization)

8.3.1.1 In a blocking situation the CLEC is responsible for issuing an ASR on all two-way trunk groups and one-way CLEC originating trunk groups to reduce measured blocking to design objective blocking levels based on analysis of trunk group data. If an ASR is not issued, SBC-13STATE will issue a TSGR. The CLEC will issue an ASR within three (3) days after receipt and review of the TGSR. The CLEC will note "Service Affecting" On the ASR.

8.3.1.2 In a blocking situation SBC-13STATE is responsible for issuing an ASR on one-way SBC originating trunk groups to reduce measured blocking to design objective blocking levels based on analysis of trunk group data. If an ASR is not issued, the CLEC will issue a TSGR. SBC-13STATE will issue an ASR within three (3) days after receipt and review of the TGSR. SBC-13STATE will note "Service Affecting" on the ASR.

8.3.1.3 If an Alternate Final trunk group is at 75 % utilization, a TGSR is sent to the CLEC for the final and all subtending High Usage's that are contributing any amount of overflow to the Final route.

8.3.2 Underutilization

8.3.2.1 Underutilization of Interconnection trunks and facilities exists when provisioned capacity is greater than the current need. This over provisioning is an inefficient deployment and use of network resources and results in unnecessary costs. Those situations where more capacity exists than actual usage requires will be handled in the following manner:

8.3.2.1.1 If a trunk group is under 75 percent (75%) of CCS capacity on a monthly average basis, for each month of any three (3) consecutive months period, either Party may request the issuance of an order to resize the trunk group, which shall be left with not less than 25 percent (25%) excess capacity. In all cases grade of service objectives shall be maintained.

8.3.2.1.2 Either party may send a TGSR to the other Party to trigger changes to the Local Interconnection Trunk Groups based on capacity assessment. Upon receipt of a TGSR, the receiving Party will issue an ASR to the other Party within twenty (20) business days for SBC CALIFORNIA/SBC NEVADA and 10

business days for SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE and SBC CONNECTICUT after receipt of the TGSR.

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

8.3.2.1.4 If SBC-13STATE does not receive an ASR, or if the CLEC does not respond to the TGSR by scheduling a joint discussion within the twenty (20) business day period, SBC-13STATE will attempt to contact the CLEC to schedule a joint planning discussion. If the CLEC will not agree to meet within an additional five (5) business days and present adequate reason for keeping trunks operational, SBC-13STATE will issue an ASR to resize the Interconnection trunks and facilities.

8.4 In all cases except a blocking situation, either Party upon receipt of a TGSR will issue an ASR to the other Party within twenty (20) business days for SBC CALIFORNIA/SBC NEVADA and (10) business days for SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE and SBC CONNECTICUT after receipt of the TGSR.

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

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

8.5.1 Orders that comprise a project, i.e., greater than four (4) DS-1's, shall be submitted at the same time, and their implementation shall be jointly planned and coordinated.

8.6 Due dates for the installation of Local Interconnection and Meet Point Trunks covered by this Appendix shall be based on each of the SBC-13STATE's intrastate Switched Access intervals. If CLEC is unable to or not ready to perform Acceptance Tests, or is unable to accept the Local Interconnection Service Arrangement trunk(s) by the due date, the CLEC will provide a requested revised service due date that is no more than thirty (30) calendar days beyond the original service due date. If the CLEC requests a service due date change which exceeds the allowable service due date change period, the ASR must be canceled by the CLEC. Should the CLEC fail to cancel such an ASR, SBC-13STATE shall treat that ASR as though it had been canceled.

8.7 Trunk servicing responsibilities for OPERATOR SERVICES trunks used for stand-alone Operator Service or Directory Assistance are the sole responsibility of the CLEC.

8.8 TRUNK SERVICING – SBC SOUTHWEST REGION 5-STATE Exceptions

8.8.1 The Parties will process trunk service requests submitted via a properly completed ASR within ten (10) business days of receipt of such ASR unless defined as a major project, as stated in 8.6. Incoming orders will be screened by SBC SOUTHWEST REGION 5-STATE trunk engineering personnel for reasonableness based upon current utilization and/or consistency with forecasts. If the nature and necessity of an order requires determination, the ASR will be placed in held status, and a Joint Planning discussion conducted. Parties agree to expedite this discussion in order to minimally delay order processing. Extension of this review and discussion process beyond two days from ASR receipt will require the ordering Party to Supplement the order with proportionally adjusted Customer Desired Due Dates. Facilities must also be in place before trunk orders can be completed.

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

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

9. TRUNK DATA EXCHANGE: SBC-13STATE

9.1 Each Party agrees to service trunk groups to the foregoing blocking criteria in a timely manner when trunk groups exceed measured blocking thresholds on an average time consistent busy hour for a twenty (20) business day study period. The Parties agree that twenty (20) business days is the study period duration objective. However, a study period on occasion may be less than twenty (20) business days but at minimum must be at least three (3) business days to be utilized for engineering purposes, although with less statistical confidence.

9.2 Exchange of traffic data enables each Party to make accurate and independent assessments of trunk group service levels and requirements. Parties agree to establish a timeline for implementing an exchange of traffic data utilizing the DIXC process via a Network Data Mover (NDM) or FTP computer to computer file transfer process. Implementation shall be within three (3) months of the date, or such date as agreed upon, that the trunk groups begin passing live traffic. The traffic data to be exchanged will be the Originating Attempt Peg Count, Usage (measured in Hundred Call Seconds), Overflow Peg Count, and Maintenance Usage (measured in Hundred Call Seconds on a seven (7) day per week, twenty-four (24) hour per day, fifty-two (52) weeks per year basis). These reports shall be made available at a minimum on a semi-annual basis upon request. Exchange of data on one-way groups is optional.

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

10. NETWORK MANAGEMENT: SBC-13STATE

10.1 Restrictive Controls

10.1.1 Either Party may use protective network traffic management controls such as 7-digit and 10-digit code gaps set at appropriate levels on traffic toward each other's network, when required, to protect the public switched network from congestion due to facility failures, switch congestion, or failure or focused overload. CLEC and SBC-13STATE will immediately notify each other of any protective control action planned or executed.

10.2 Expansive Controls

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

10.3 Mass Calling

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

11. OUT OF EXCHANGE TRAFFIC

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

12. CIRCUIT SWITCHED TRAFFIC

12.1 For purposes of this Agreement only, Circuit-Switched Traffic is defined as any traffic that terminates on a Party's circuit switch including, without limitation, traffic routed or transported in whole or in part using Internet Protocol. Notwithstanding anything to the contrary in this Agreement, excluding traffic from exchanges sharing a common mandatory local calling area as defined in SBC's tariffs, all other Circuit-Switched Traffic, as defined above, 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 ("Interexchange Circuit-Switched 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 Interexchange Circuit-Switched 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 fromCLEC 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 SBC end user that obtains local dial tone from SBC where SBC is both the Section 251(b)(5) Traffic provider and the intraLATA toll provider;

(iii) Interexchange Circuit Switched Traffic delivered to SBC 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) Interexchange Circuit Switched 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.

12.2 In the limited circumstances in which a third party competitive local exchange carrier delivers Interexchange Circuit-Switched Traffic as described in Section 1.1 (iv) above to either Party over Local Interconnection Trunk Groups, such Party may deliver such Interexchange Circuit-Switched 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 Interexchange Circuit-Switched Traffic as described in Section 1.1(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 is it not blocked.

12.3 The Parties agree that all traffic is presumed to be Circuit-Switched Traffic unless the Party delivering the traffic affirmatively demonstrates to the terminating Party by providing auditable records including, but not limited to, call detail records, that provide sufficient information that the traffic qualifies as "IP Traffic" (as defined below). Once the delivering Party affirmatively demonstrates traffic is "IP Traffic," the delivering Party shall deliver such traffic over separate and distinct Feature Group D access trunks and facilities per the other Party's tariffs until such time as an Internet Protocol access product may be purchased from the other Party's tariffs. Either Party may audit at any time the delivery of such traffic by the other Party over Feature Group D access trunks or the Internet Protocol access product (when available), whichever is applicable, to determine if it qualifies as IP Traffic (as defined below) in accordance with the audit provisions in Section 32 of the General Terms and Conditions of this Agreement.

13. IP TRAFFIC

13.1 For purposes of this Agreement only, "IP Traffic" is limited to traffic originated on customer premises equipment of the end user that originated and/or dialed a call in the Internet Protocol format and transmitted

to the switch of a provider of voice communication applications or services when such switch utilizes Internet Protocol. The Parties have been unable to agree as to whether and under what circumstances IP Traffic should be subject to switched access charges. Without waiving any rights with respect to either Party's position, the Party delivering IP Traffic for termination shall pay into an interest bearing escrow account with a Third Party escrow agent mutually agreed upon by the Parties an amount equal to the intrastate and interstate switched access charges that applies to such IP Traffic based on its jurisdictional nature. To be acceptable, the escrow agent and escrow account must meet all of the criteria established in Section 8.5 of the General Terms and Conditions of this Agreement except disbursements from the escrow account will be limited to those authorized in writing by the disputing Party or upon receipt of any effective and applicable FCC rules or order regarding compensation for IP Traffic.

APPENDIX RECORDING

TABLE OF CONTENTS

1. INTRODUCTION 3
2. DEFINITIONS 3
3. RESPONSIBILITIES OF THE PARTIES 5
4. BASIS OF COMPENSATION 5
5. LIABILITY 6

APPENDIX RECORDING
(Recording, Message Processing And Provision Of Interexchange Carrier Transported Message Detail Appendix)

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions under which SBC-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 **SBC Communications Inc. (SBC)** means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.1.2 SBC-2STATE - As used herein, SBC-2STATE means SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in California and Nevada.

1.1.3 SBC-13STATE - As used herein, SBC-13STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE, SBC-2STATE and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.1.4 SBC CONNECTICUT - As used herein, SBC CONNECTICUT means The Southern New England Telephone Company, the applicable above listed ILEC doing business in Connecticut.

1.1.5 SBC MIDWEST REGION 5-STATE - As used herein, SBC MIDWEST REGION 5-STATE means Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.1.6 SBC SOUTHWEST REGION 5-STATE - As used herein, SBC SOUTHWEST REGION 5-STATE means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC 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 SBC-13STATE and the Billing Company.

2.6 "Data Transmission" - the forwarding by SBC-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 SBC-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 SBC-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 SBC-13STATE will record all IXC transported messages for CLEC carried over all Feature Group Switched Access Services that are available to SBC-13STATE provided recording equipment or operators. Unavailable messages (i.e., certain operator messages that are not accessible by SBC-13STATE -provided equipment or operators) will not be recorded. The recording equipment will be provided at locations selected by SBC-13STATE.

3.2 SBC-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 SBC-13STATE.

3.3 SBC-13STATE will provide access usage records that are generated by SBC-13STATE.

3.4 Assembly and editing will be performed on all IXC transported messages recorded by SBC-13STATE, during the billing period established by SBC-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 SBC-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 SBC-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 SBC-2STATE. For SBC-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. SBC-13STATE reserves the right to limit the frequency of transmission to existing SBC-13STATE processing and work schedules, holidays, etc.

3.9 SBC-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 SBC-13STATE will not be recovered and made available to CLEC except on an individual case basis at a cost determined by SBC-13STATE.

3.11 When SBC-13STATE receives rated billable messages from an IXC or another Local Exchange Carrier (LEC) that are to be billed by CLEC, SBC-13STATE will forward those messages to CLEC.

3.12 SBC-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 SBC-13STATE under the same terms and conditions of this Appendix.

4. BASIS OF COMPENSATION

4.1 SBC-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 SBC-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-Rcording 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 SBC 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 SBC 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
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

1. SCOPE OF APPENDIX 3

2. ILEC DESIGNATIONS 3

3. RESPONSIBILITIES OF THE PARTIES 4

4. RECIPROCAL COMPENSATION FOR TERMINATION OF SECTION 251(b)(5) TRAFFIC 6

5. RATES, TERMS AND CONDITIONS OF FCC'S INTERIM ISP TERMINATING COMPENSATION PLAN 8

6. OTHER TELECOMMUNICATIONS TRAFFIC 10

7. OPTIONAL CALLING AREA TRAFFIC – SBC ARKANSAS, SBC KANSAS, AND SBC TEXAS 11

8. MCA TRAFFIC -- SBC MISSOURI 12

9. PRIMARY TOLL CARRIER ARANGEMENTS 12

10. INTRALATA 800 TRAFFIC 13

11. MEET POINT BILLING (MPB) AND SWITCHED ACCESS TRAFFIC COMPENSATION 13

12. COMPENSATION FOR ORIGINATION AND TERMINATION OF INTERLATA TOLL TRAFFIC NOT SUBJECT TO MEET POINT BILLING 14

13. INTRALATA TOLL TRAFFIC COMPENSATION 14

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

15. RESERVATION OF RIGHTS AND SPECIFIC INTERVENING LAW TERMS 15

16. SWITCHED ACCESS TRAFFIC 16

APPENDIX INTERCARRIER COMPENSATION

1. SCOPE OF APPENDIX

1.1 This Appendix sets forth the terms and conditions for Intercarrier Compensation of intercarrier telecommunications traffic between the applicable SBC Communications Inc (SBC) 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 any combination of Network Elements purchased by CLEC from SBC-13STATE on a wholesale basis.

1.3 The provisions of this Appendix do not apply to traffic originated over services provided under local Resale service. SBC-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 SBC-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 SBC Communications Inc. (SBC) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

2.2 SBC-2STATE - As used herein, SBC-2STATE means SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in California and Nevada.

2.3 SBC-4STATE - As used herein, SBC-4STATE means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri and SBC Oklahoma, the applicable SBC-owned ILEC(s) doing business in Arkansas, Kansas, Missouri and Oklahoma.

2.4 SBC-7STATE - As used herein, SBC-7STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma, and Texas.

2.5 SBC-8STATE - As used herein, SBC-8STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA, SBC NEVADA, and SBC CONNECTICUT, the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma, and Texas.

2.6 SBC-10STATE - As used herein, SBC-10STATE means SBC SOUTHWEST REGION 5-STATE and SBC MIDWEST REGION 5-STATE, the applicable SBC-owned ILEC(s) doing business in Arkansas, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Texas, and Wisconsin.

2.7 SBC-12STATE - As used herein, SBC-12STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE and SBC-2STATE, the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

2.8 SBC-13STATE - As used herein, SBC-13STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE, SBC-2STATE and SBC CONNECTICUT, the applicable SBC-owned

ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

2.9 SBC ARKANSAS - As used herein, SBC ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, the applicable SBC-owned ILEC doing business in Arkansas.

2.10 SBC CALIFORNIA – As used herein, SBC CALIFORNIA means Pacific Bell Telephone Company d/b/a SBC California, the applicable SBC-owned ILEC doing business in California.

2.11 SBC KANSAS - As used herein, SBC KANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Kansas, the applicable SBC-owned ILEC doing business in Kansas.

2.12 SBC ILLINOIS - As used herein, SBC ILLINOIS means Illinois Bell Telephone Company d/b/a SBC Illinois, the applicable SBC-owned ILEC doing business in Illinois.

2.13 SBC INDIANA - As used herein, SBC INDIANA means Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, the applicable SBC-owned ILEC doing business in Indiana.

2.14 SBC MICHIGAN - As used herein, SBC MICHIGAN means Michigan Bell Telephone Company d/b/a SBC Michigan, the applicable SBC-owned doing business in Michigan.

2.15 SBC MIDWEST REGION 5-STATE - As used herein, SBC MIDWEST REGION 5-STATE means Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

2.16 SBC MISSOURI - As used herein, SBC MISSOURI means Southwestern Bell Telephone, L.P. d/b/a SBC Missouri, the applicable SBC-owned ILEC doing business in Missouri.

2.17 SBC NEVADA - As used herein, SBC NEVADA means Nevada Bell Telephone Company d/b/a SBC Nevada, the applicable SBC-owned ILEC doing business in Nevada.

2.18 SBC OHIO - As used herein, SBC OHIO means The Ohio Bell Telephone Company d/b/a SBC Ohio, the applicable SBC-owned ILEC doing business in Ohio.

2.19 SBC OKLAHOMA - As used herein, SBC OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a SBC Oklahoma, the applicable SBC-owned ILEC doing business in Oklahoma.

2.20 SBC CONNECTICUT - As used herein, SBC CONNECTICUT means The Southern New England Telephone Company d/b/a SBC Connecticut, the applicable above listed ILEC doing business in Connecticut.

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

2.22 SBC TEXAS – As used herein, SBC TEXAS means Southwestern Bell Telephone, L.P. d/b/a SBC Texas, the applicable SBC-owned ILEC doing business in Texas.

2.23 SBC WISCONSIN - As used herein, SBC WISCONSIN means Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-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 and wireless traffic, such Party shall provide CPN as defined in 47 C.F.R. § 64.1600(c) ("CPN") in accordance with Section 3.3 below. 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 SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE and SBC 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 SBC-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 14.2 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 any combination of Network Elements from SBC-13STATE on a wholesale basis to such telecommunications carrier, and by which such telecommunications carrier uses it to offer to end users wireline local telephone exchange service. In no event will SBC-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 SBC-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. SBC-13STATE will not be required to function as a billing intermediary, e.g., clearinghouse. SBC-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 SBC CONNECTICUT, when CLEC purchases any combination of Network Elements from SBC 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 4.9.3 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.

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 SBC-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).

SBC-13STATE and CLEC agree to carry out the FCC's interim ISP terminating compensation plan on the date designated by SBC-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 SBC-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 SBC-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 SBC-13STATE, CLEC, and CMRS carriers in the state where traffic is exchanged as Local Calls within the meaning of this Appendix.

4.3 In SBC-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 SBC-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, California effective on and after August 1, 2003, and (iv) Illinois effective on and after September 1, 2003; Kansas, Missouri, Oklahoma and Nevada on and after June 1, 2004. Until and unless SBC 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 Tandem Serving Rate Elements are applicable to Tandem Routed Traffic 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 facilities between the local tandem and the end offices subtending that tandem consisting of a transport termination (per minute) rate element and transport facility mileage (per minute, per mile) rate element.

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 End Office Serving Rate Elements:

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 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.

4.8 Intercarrier Compensation for Lawful Unbundled Local Switching Traffic

4.8.1 Where CLEC purchases any combination of Network Elements from SBC-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. SBC-12STATE is required to provide CLEC with timely, complete and correct information to enable CLEC to meet the requirements of this section.

4.8.2 The following reciprocal compensation terms shall apply to all traffic exchanged between SBC-12STATE and CLECs when CLEC purchases any combination of Network Elements from SBC-12STATE on a wholesale basis:

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

4.8.2.2 For interswitch Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between SBC-12STATE and CLEC where CLEC's end user originates a call that is terminated to

a SBC-12STATE end user, CLEC shall pay 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.

4.8.3 In SBC CONNECTICUT, when CLEC purchases any combination of Network Elements from SBC CONNECTICUT on a wholesale basis. to provide service to its end users, SBC 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 any combination of Network Elements from SBC CONNECTICUT on a wholesale basis, CLEC can not seek intercarrier compensation from SBC CONNECTICUT for Section 251(b)(5) Traffic, ISP-Bound Traffic, Optional EAS Traffic and IntraLATA Toll Traffic that originates from either an SBC 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 SBC-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 SBC-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 5.7 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) SBC-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 that all ISP-Bound Traffic is subject to the growth caps, new market restrictions and 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 growth caps new market restrictions and the rebuttable presumption stated in Sections 5.4, 5.5 and 5.7 below. Notwithstanding anything contrary in this Attachment, the growth caps, the new market restrictions and the rebuttable presumption apply to CLEC.

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 Growth Cap

5.4.1 On a calendar year basis, as set forth below, the Parties agree to cap overall ISP-Bound Traffic minutes of use based upon the 1st Quarter 2001 ISP minutes for which the CLEC was entitled to compensation under its Interconnection Agreement(s) in existence for the 1st Quarter of 2001, on the following schedule:

Calendar Year 2001	Year 2001 compensable ISP-Bound Traffic minutes, times 1.10
Calendar Year 2002	Year 2001 compensable ISP-Bound Traffic minutes, times 1.10
Calendar Year 2003	Year 2002 compensable ISP-Bound Traffic minutes
Calendar Year 2004	Year 2002 compensable ISP-Bound Traffic minutes
Calendar Year 2005 and thereafter	Year 2002 compensable ISP-Bound Traffic minutes

5.4.2 Notwithstanding anything contrary herein, in Calendar Year 2004, the Parties agree that ISP-Bound Traffic exchanged between the Parties during the entire period from January 1, 2004 until December 31, 2004 shall be counted towards determining whether CLEC has exceeded the growth caps for Calendar Year 2004.

5.4.3 ISP-Bound Traffic minutes that exceed the applied growth cap will be Bill and Keep. "Bill and Keep" refers to an arrangement in which neither of two interconnecting parties charges the other for terminating traffic that originates on the other party's network.

5.5 Bill and Keep for ISP-Bound Traffic in New Markets

5.5.1 In the event the Parties have not previously exchanged ISP-Bound Traffic in any one or more LATAs in a particular state prior to April 18, 2001, Bill and Keep will be the reciprocal compensation arrangement for all ISP-Bound Traffic between the Parties for the remaining term of this Agreement in any such LATAs in that state.

5.6 Growth Cap and New Market Bill and Keep Arrangements

5.6.1 Wherever Bill and Keep for ISP-Bound Traffic is the traffic termination arrangement between the Parties, both Parties shall segregate the Bill and Keep traffic from other compensable traffic either (a) by excluding the Bill and Keep minutes of use from other compensable minutes of use in the monthly billing invoices, or (b) by any other means mutually agreed upon by the Parties.

5.6.2 The Growth Cap and New Market Bill and Keep arrangement applies only to ISP-Bound Traffic, and does not include Optional EAS traffic, IntraLATA toll traffic, or InterLATA toll traffic.

5.7 ISP-Bound Traffic Rebuttable Presumption

5.7.1 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 and growth cap terms in this Section 5.7. Either Party has the right to rebut the 3:1 ISP-Bound Traffic presumption by identifying the actual ISP-Bound Traffic by any means mutually agreed by the Parties, or by any method approved by the Commission. If a Party seeking to rebut the presumption takes appropriate action at the Commission pursuant to Section 252 of the Act and the Commission agrees that such Party has rebutted the presumption, the methodology and/or means approved by the Commission for use in determining the ratio shall be utilized by the Parties as of the date of the Commission approval and, in addition, shall be utilized to determine the appropriate true-up as described below. During the

pendency of any such proceedings to rebut the presumption, the Parties will remain obligated to pay the rates set forth in Section 5.3.2 for Section 251(b)(5) Traffic and ISP-Bound Traffic, and ISP-Bound Traffic is subject to the Growth Cap Terms set forth in Section 5.4 and a true-up upon the conclusion of such proceedings. Such true-up shall be retroactive back to the date a Party first sought appropriate relief from the Commission.

5.8 For purposes of this Section 5.8, 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 14.0 below.

5.8.1 For combined Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between the Parties which does not exceed a 3:1 terminating to originating ratio as set forth in Section 5.7 above, such traffic shall be defined as "In-Balance" traffic. Each party will invoice the other party on a monthly basis for such "In-Balance" traffic at the rate set forth in Section 5.3.2 for Section 251(b)(5) Traffic.

5.8.2 For combined Section 251(b)(5) Traffic and ISP-Bound Traffic exchanged between the Parties exceeding a 3:1 terminating to originating ratio as set forth in Section 5.7 above, such traffic shall be defined as "Out-of-Balance" traffic. The Carrier whose traffic is "Out-of-Balance" will, on a monthly basis, calculate the amount of traffic that will be invoiced for Section 251(b)(5) traffic and ISP-Bound Traffic at the FCC's interim ISP terminating compensation rates set forth in Section 5.3.2, until the Growth Cap and/or New Market Bill and Keep arrangement apply for ISP-Bound Traffic. At such time that Bill and Keep for ISP-Bound Traffic applies, the Carrier whose traffic is "Out-of-Balance" will be responsible for segregating the Bill and Keep traffic from other compensable traffic as outlined in Section 5.4.3 above.

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), or if jointly provisioned FGA service, subject to the terms and conditions of Appendix FGA. 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 SBC 2-STATE, SBC MIDWEST REGION 5-STATE, SBC CONNECTICUT, SBC ARKANSAS, SBC KANSAS AND SBC MISSOURI.

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 Pursuant to the Texas Commission Arbitration Award in Docket 24015 and the Oklahoma Commission Arbitration Award in Docket 449960, the transport and termination compensation for Virtual FX, Dedicated FX, and FX-type Traffic will be originating access charges in SBC TEXAS and SBC OKLAHOMA.

6.2.4.1 To the extent that ISP-Bound Traffic is provisioned via an FX-type arrangement, such traffic is subject to originating access charges.

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-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
- InterLATA Toll Traffic
- 800, 888, 877, ("8YY") Traffic
- Feature Group A Traffic
- Feature Group D Traffic

6.5 The Parties agree that, for the purposes of this Appendix, either Parties' End Users remain free to place ISP calls under any of the above classifications. Notwithstanding anything to the contrary herein, to the extent such ISP calls are placed, the Parties agree that Sections 4 and 5 above do not apply. The applicable rates, terms and conditions for: (a) FX Traffic are set forth in Section 7.2; (b), Optional EAS Traffic are set forth in Section 7; (c) 8YY Traffic are set forth in Section 10; (d) Feature Group A Traffic are set forth in Section 7.2; (e) Feature Group D Traffic are set forth in Section 12; (f) IntraLATA Toll Traffic are set forth in Section 13; and/or (g) InterLATA Toll Traffic are set forth in Section 12.

7. OPTIONAL CALLING AREA TRAFFIC – SBC ARKANSAS, SBC KANSAS, AND SBC 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 SBC ARKANSAS, SBC KANSAS or SBC 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 SBC ARKANSAS, SBC KANSAS, and SBC 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 -- SBC 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 SBC 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 SBC-13STATEs where Primary Toll Carrier arrangements are mandated and for the intraLATA toll traffic which is subject to a PTC arrangement and where SBC-13STATE is functioning as the PTC for a third party ILEC's end user customers:

(i) SBC-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. SBC-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 SBC-13STATE Intrastate Access Service Tariff in the respective state; and/or

(ii) SBC-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 SBC-13STATE for the use of its facilities at the rates set forth in SBC-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. Billing shall be based on originating and terminating NPA/NXX.

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 SBC-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 TOLL TRAFFIC NOT SUBJECT TO MEET POINT BILLING

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

13. INTRALATA TOLL TRAFFIC COMPENSATION

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

13.2 For interstate intraLATA toll traffic, compensation for termination of such traffic will be at terminating access rates for MTS and originating access rates for 800 Service including the CCL charge, as set forth in each Party's interstate Access Service Tariff, but such compensation shall not exceed the compensation contained in the SBC-13STATE's tariff in whose exchange area the End User is located. Common transport, (both fixed and variable), as well as tandem switching and end office rates apply only in those cases where a Party's tandem is used to terminate traffic.

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

14.1 In SBC-13STATE, each Party, unless otherwise agreed, will calculate terminating interconnection minutes of use based on standard switch recordings made within the terminating carrier's network for 251(b)(5) Traffic, Optional EAS Traffic, ISP-Bound Traffic and IntraLATA Toll Traffic. These recordings are the basis for each Party to generate bills to the other Party.

14.1.1 Where a terminating CLEC is not technically capable of billing the originating carrier through the use of terminating records, SBC-13STATE will provide the appropriate category of originating records to CLEC for the purposes of billing intercarrier compensation.

14.1.2 The decision by the CLEC to utilize terminating recordings does not in any way relieve the obligation of the CLEC to exchange the appropriate category of records with other LECs.

14.1.3 Where CLEC is using terminating recordings to bill intercarrier compensation, SBC-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 SBC-12STATE non-resale offering whereby SBC-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 SBC-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 SBC 2-STATE agree to exchange such reports and/or data as provided in this Attachment to facilitate the proper billing of traffic. Either Party may request an audit of such usage

reports on no fewer than thirty (30) business 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 SBC-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 5.7 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 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 4.2 of this Attachment) is modified, eliminated or replaced, then the Parties agree to negotiate an appropriate amendment to conform to such change in accordance with the Intervening Law provisions of this Agreement and such new or changed provisions will apply on a prospective basis, beginning with the effective date of the new order, unless a determination is made as to retroactive application in the decision rendering such modification, elimination or replacement, in which instance, the new or changed provisions will apply retroactively as set forth in the new order. Either Party may begin billing the other Party according to the terms of the new order, beginning sixty (60) days after delivering a request to negotiate the change. True-up of any retroactive application, for either the amendment negotiation period and/or for the retroactive application period provided in the order, shall occur within one hundred and twenty (120) days of the effective date of the order, or be subject to dispute under Section 9 of the General Terms and Conditions of this Agreement.

15.2 As set forth above, the Parties agree that SBC 12STATE 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's Order on Remand and Report and Order in CC Dockets No. 96-98 and 99-68, *In the Matter of the Local Competition Provisions in the Telecommunications Act of 1996; Intercarrier Compensation for ISP-Bound Traffic* (the "ISP Compensation Order"), which was remanded in *WorldCom, Inc. v. FCC*, No. 01-1218 (D.C. Cir. 2002).

15.3 SBC-13STATE and CLEC agree to carry out the FCC's interim ISP terminating compensation plan on the date designated by SBC-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.

15.4 Should a regulatory agency, court or legislature change or nullify the SBC-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 SBC-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.

15.5 The Parties further acknowledge that federal or state court challenges could be sustained against the FCC's ISP Compensation Order in particular, or against ISP intercarrier compensation generally. In particular, a court could order an injunction, stay or other retroactive ruling on ISP compensation back to the effective date of the FCC's ISP Compensation Order. Alternatively, a court could vacate the underlying Order upon which the compensation was based, and the FCC (either on remand or on its own motion) could rule that past traffic should be paid at different rates, terms or conditions.

15.6 Because of the possibilities in Section 15.5, the Parties agree that should the ISP Compensation Order be modified or reversed in such a manner that prior intercarrier compensation was paid under rates, terms or conditions later found to be null and void, then the Parties agree that, in addition to negotiating appropriate amendments to conform to such modification or reversal, the Parties will also agree that any billing true ups, reimbursements, or other accounting adjustments on past traffic shall be made uniformly and on the same date as for all traffic exchanged under Section 251(b)(5) of the Act. By way of interpretation, and without limiting the application of the foregoing, the Parties intend for retroactive compensation adjustments, to apply to all traffic among SBC-13STATE, CLEC, and CMRS carriers in the state where traffic is exchanged as Local Calls within the meaning of this Appendix.

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 SBC-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 SBC end user that obtains local dial tone from SBC where SBC is both the Section 251(b)(5) Traffic provider and the intraLATA toll provider;

(iii) Switched Access Traffic delivered to SBC 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 16.1 (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 16.1(iv) above from the Local Interconnection Trunk Groups within sixty (60) days of receipt of notice from the other party, the Parties agree to jointly file a complaint or any other appropriate action with the applicable Commission to seek any necessary permission to remove the traffic from such interconnection trunks up to and including the right to block such traffic and to obtain compensation, if appropriate, from the third party competitive local exchange carrier delivering such traffic to the extent it is not blocked.

APPENDIX OUT OF EXCHANGE TRAFFIC

TABLE OF CONTENTS

1. DEFINITIONS 3
2. INTRODUCTION 3
3. NETWORK MANAGEMENT 4
4. NETWORK CONNECTIONS FOR OUT OF EXCHANGE TRAFFIC 5
5. INTERCARRIER TRAFFIC COMPENSATION 6
6. INTENTIONALLY LEFT BLANK 6
7. INTRASTATE INTRALATA INTERCOMPANY TRAFFIC 6
8. MEET-POINT-BILLING (MPB) and SWITCHED ACCESS TRAFFIC COMPENSATION 6
9. 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 SBC Communications Inc. (SBC-13STATE) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.3 For purposes of this Appendix only, "Out of Exchange LEC" (OE-LEC) means CenturyTel Fiber Company II. LLC d/b/a LightCore, a CenturyTel Company operating within SBC-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 SBC-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 SBC-13STATE end user located in an SBC-13STATE local exchange area or;

(ii) Originates from an SBC-13STATE end user located in an SBC-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 SBC-13STATE incumbent local exchange areas and desires to interconnect OE-LEC's network with SBC- 13STATE's network(s).

2.2 For purposes of this Appendix, OE-LEC agrees to interconnect with SBC-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 SBC-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 SBC-13STATE's incumbent local exchange areas for the provision of CLEC's Telecommunications Services. The Parties acknowledge and agree that SBC-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 SBC-13STATE's incumbent local exchange areas. SBC-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 SBC-13STATE's incumbent local exchange areas. In addition, SBC-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 SBC-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 SBC-13STATE incumbent local exchange area(s) in the State in which CLEC's current Interconnection Agreement with SBC-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 SBC-13STATE exchange areas and has a Point of Interconnection ("POI") located within SBC-13STATE exchange areas for the purpose of providing telephone exchange service and exchange access in such SBC-13STATE exchange areas. Based upon the foregoing, the Parties agree that SBC-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. SBC-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 SBC-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 SBC-13STATE, the Parties agree to establish a direct final end office trunk group when traffic levels exceed one DS1 (24 DS0s) to or from an SBC-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 SBC-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 SBC-13STATE is not the serving tandem as reflected in the LERG, the OE-LEC shall route Out of Exchange Traffic directly to the serving SBC-13STATE End Office.

4.6 Except as otherwise provided in this Appendix, for OE-LEC originated/SBC KANSAS terminated traffic or SBC KANSAS 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 SBC-13STATE shall not compensate any Third Party local exchange carrier and/or Telecommunications Carrier for any traffic that is inappropriately routed to SBC-13STATE (as reflected in the LERG). Any compensation due SBC-13STATE for such misrouted traffic shall be paid by OE-LEC. The appropriateness of such routing and the correct SBC-13STATE serving tandems are reflected by SBC-13STATE in the LERG. This also includes traffic that is destined to End Offices that do not subtend SBC-13STATE tandem. SBC-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 SBC-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 SBC-13STATE will open OE-LEC NPA-NXX codes, rated to or identified to reside in non-SBC-13STATE exchange areas, in SBC-13STATE Tandems and End Offices using SBC-13STATE's standard code opening timeframes.

5. INTERCARRIER COMPENSATION

5.1 The compensation arrangement for Section 251(b)(5) Traffic, ISP-Bound Traffic and FX traffic exchanged between the Parties shall be as set forth in the Appendix Intercarrier Compensation.

6. INTENTIONALLY LEFT BLANK

7. INTRASTATE INTRALATA INTERCOMPANY TRAFFIC

7.1 The compensation arrangement for Intrastate IntraLATA Traffic exchanged between the Parties shall be as set forth in the Appendix Intercarrier Compensation.

8. MEET-POINT-BILLING (MPB) and SWITCHED ACCESS TRAFFIC COMPENSATION

8.1 Intercarrier compensation for Switched Access Traffic shall be on a MPB basis as described in the Appendix Intercarrier Compensation.

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

9.1 SBC will exchange SBC InterLATA Section 251(b)(5) Traffic that is covered by an FCC approved or court ordered InterLATA boundary waiver. SBC 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"), or (iii) via a mutually agreed to meet point facility within the SBC exchange area covered under such InterLATA waiver. If the exchange where the traffic is terminating is not an SBC exchange, SBC shall exchange such traffic using a two-way DF trunk group (i) via a facility to OE-LEC's POI within the originating LATA or (ii) via a mutually agreed to facility meet point arrangement at or near the EAB. SBC will not provision or be responsible for facilities located outside of SBC exchange areas

9.2 The Parties agree that the associated traffic from each SBC-13STATE End Office will not alternate route.

9.3 OE-LEC must provide SBC-13STATE a separate ACTL and Local Routing Number (LRN) specific to each InterLATA local calling arrangement covered by an FCC approved or court ordered InterLATA boundary waiver.

9.4 Except as otherwise provided in this Appendix, for OE-LEC originated/SBC KANSAS terminated traffic or SBC KANSAS originated/ OE-LEC terminated traffic, if any such traffic is improperly routed by one Party over any trunk groups to other party and/or not routed in accordance with this Appendix, the Parties will work cooperatively to correct the problem.

9.5 SBC-13STATE shall not compensate any Third Party local exchange carrier and/or Telecommunications Carrier for any traffic that is inappropriately routed to SBC-13STATE-(as reflected in the LERG). Any compensation due SBC-13STATE for such misrouted traffic shall be paid by OE-LEC. The appropriateness of such routing and the correct SBC-13STATE serving tandems are reflected by SBC-13STATE in the LERG. This also includes traffic that is destined to End Offices that do not subtend SBC-13STATE–tandem. SBC-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.

9.6 SBC-13STATE will open OE-LEC NPA-NXX codes, rated to or identified to reside in non-SBC-13STATE exchange areas, in SBC-13STATE Tandems and End Office(s) using SBC-13STATE's standard code opening timeframes.

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

APPENDIX OS

TABLE OF CONTENTS

1. INTRODUCTION 3
2. SERVICES 4
3. DEFINITIONS 5
4. CALL BRANDING 5
5. OPERATOR SERVICES (OS) REFERENCE/RATER INFORMATION 6
6. INTRALATA MESSAGE RATING 7
7. HANDLING OF EMERGENCY CALLS TO OPERATOR 7
8. RESPONSIBILITIES OF THE PARTIES 7
9. METHODS AND PRACTICES 8
10. PRICING 8
11. MONTHLY BILLING 8
12. LIABILITY 8
13. TERMS OF APPENDIX 8

APPENDIX OS
(OPERATOR SERVICES)

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions for Operator Services (OS) for switched-based CLEC"s or CLEC's leasing Lawful unbundled switched ports as provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and CLEC.

1.2 SBC Communications Inc. (SBC) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.3 SBC-2STATE - As used herein, SBC-2STATE means SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in California and Nevada.

1.4 SBC-4STATE - As used herein, SBC-4STATE means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, and SBC Oklahoma the applicable SBC-owned ILEC(s) doing business in Arkansas, Kansas, Missouri and Oklahoma.

1.5 SBC-7STATE - As used herein, SBC-7STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.6 SBC-8STATE - As used herein, SBC-8STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA, SBC NEVADA, and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.7 SBC-10STATE - As used herein, SBC-10STATE means SBC SOUTHWEST REGION 5-STATE and SBC MIDWEST REGION 5-STATE an the applicable SBC-owned ILEC(s) doing business in Arkansas, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Texas, and Wisconsin.

1.8 SBC-12STATE - As used herein, SBC-12STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE and SBC-2STATE the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.9 SBC-13STATE - As used herein, SBC-13STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE, SBC-2STATE and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.10 SBC ARKANSAS - As used herein, SBC ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, the applicable SBC-owned ILEC doing business in Arkansas.

1.11 SBC CALIFORNIA – As used herein, SBC CALIFORNIA means Pacific Bell Telephone Company d/b/a SBC California, the applicable SBC-owned ILEC doing business in California.

1.12 SBC CONNECTICUT - As used herein, SBC CONNECTICUT means The Southern New England Telephone Company d/b/a SBC Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.13 SBC KANSAS - As used herein, SBC KANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Kansas, the applicable SBC-owned ILEC doing business in Kansas.

1.14 SBC ILLINOIS - As used herein, SBC ILLINOIS means Illinois Bell Telephone Company d/b/a SBC Illinois, the applicable SBC-owned ILEC doing business in Illinois.

1.15 SBC INDIANA - As used herein, SBC INDIANA means Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, the applicable SBC-owned ILEC doing business in Indiana.

1.16 SBC MICHIGAN - As used herein, SBC MICHIGAN means Michigan Bell Telephone Company d/b/a SBC Michigan, the applicable SBC-owned doing business in Michigan.

1.17 SBC MIDWEST REGION 5-STATE - As used herein, SBC MIDWEST REGION 5-STATE means Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.18 SBC MISSOURI - As used herein, SBC MISSOURI means Southwestern Bell Telephone, L.P. d/b/a SBC Missouri, the applicable SBC-owned ILEC doing business in Missouri.

1.19 SBC NEVADA - As used herein, SBC NEVADA means Nevada Bell Telephone Company d/b/a SBC Nevada, the applicable SBC-owned ILEC doing business in Nevada.

1.20 SBC OHIO - As used herein, SBC OHIO means The Ohio Bell Telephone Company d/b/a SBC Ohio, the applicable SBC-owned ILEC doing business in Ohio.

1.21 SBC OKLAHOMA - As used herein, SBC OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a SBC Oklahoma, the applicable SBC-owned ILEC doing business in Oklahoma.

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

1.23 SBC TEXAS – As used herein, SBC TEXAS means Southwestern Bell Telephone, L.P. d/b/a SBC Texas, the applicable SBC-owned ILEC doing business in Texas.

1.24 SBC WISCONSIN - As used herein, SBC WISCONSIN means Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC doing business in Wisconsin.

2. SERVICES

2.1 Where technically feasible and/or available, SBC-13STATE will provide the following OS:

2.1.1 Fully Automated Call Processing

2.1.1.1 Allows the caller to complete a call utilizing equipment without the assistance of an SBC-13STATE operator, hereafter called "Operator.

2.1.1.2 SBC-10STATE and SBC CALIFORNIA/SBC CONNECTICUT - This allows the caller the option of completing calls through an Automated Alternate Billing System (AABS). Automated functions can only be activated from a touch-tone telephone. Use of a rotary telephone or failure or slow response by the caller to the audio prompts will bridge the caller to an Operator for assistance.

2.1.1.3 SBC NEVADA – This allows the caller the option of billing calling card calls through a Mechanized Calling Card Service (MCCS). Automated functions can only be activated from a touch-tone telephone.

2.1.2 Operator-Assisted Call Processing

2.1.2.1 Allows the caller to complete a call by receiving assistance from an Operator.

3. DEFINITIONS

3.1 Fully Automated Call Processing - Where technically feasible and/or available, SBC-13STATE can support the following fully automated call types as outlined below:

3.1.1 Fully Automated Calling Card Service.

3.1.1.1 SBC-13STATE -This service is provided when the caller dials zero ("0"), plus the desired telephone number and the calling card number to which the call is to be charged. The call is completed without the assistance of an Operator. An authorized calling card for the purpose of this Appendix, is one for which SBC-13STATE can perform billing validation.

3.1.2 Fully Automated Collect and Bill to Third Number Services.

3.1.2.1 SBC-12STATE - The caller dials zero (0) plus the telephone number desired, and selects the Collect or Bill To Third Number billing option as instructed by the automated equipment. The call is completed without the assistance of an Operator.

3.2 Operator-Assisted Call Processing - Where technically feasible and/or available, SBC-13STATE will support the following Operator-assisted call types for CLEC:

3.2.1 Semi-Automated Calling Card Service. A service provided when the caller dials zero (0) plus the telephone number desired and the calling card number to which the call is to be charged. The call is completed with the assistance of an Operator. An authorized calling card for the purpose of this Appendix, is one for which SBC-13STATE can perform billing validation.

3.2.2 Semi-Automated Collect and Bill to Third Number Services. SBC-12STATE - The caller dials zero (0) plus the telephone number desired, and selects the Collect or Bill To Third Number billing option as instructed by the automated equipment. The call is completed with the assistance of an Operator.

3.2.3 Semi-Automated Person-To-Person Service. A service in which the caller dials zero (0) plus the telephone number desired and asks the Operator for assistance in reaching a particular person, or a particular PBX station, department or office to be reached through a PBX attendant. This service applies even if the caller agrees, after the connection is established, to speak to any party other than the party previously specified.

3.2.4 Operator Handled Services. Services provided when the caller dials zero (0) for Operator assistance in placing a sent paid, calling card, collect, third number or person to person call.

3.2.5 Busy Line Verification (BLV)/Line Status Verification. A service in which the Operator, upon request, will check the requested line for conversation in progress and advise the caller.

3.2.6 Busy Line Verification Interrupt (BLVI). A service in which the caller asks the Operator to interrupt a conversation in progress, to determine if one of the parties is willing to speak to the caller requesting the interrupt. Busy Line Interrupt service applies even if no conversation is in progress at the time of the interrupt attempt, or when the parties interrupted refuse to terminate the conversation in progress.

3.2.7 Operator Transfer Service. A service in which the local caller requires Operator Assistance for completion of a call terminating outside the originating LATA.

4. CALL BRANDING

4.1 The procedure of identifying a provider's name audibly and distinctly to the End User at the beginning of each OS call.

4.1.1 Where technically feasible and/or available, SBC-13STATE will brand OS in CLEC's name based upon the criteria outlined below:

4.1.1.1 Where SBC-13STATE provides CLEC Operator Services (OS) and DA services via the same trunk, both the OS and DA calls will be branded with the same brand. Where SBC-13STATE is only providing OS on behalf of the CLEC, the calls will be branded.

4.1.1.2 CLEC name used in branding calls may be subject to Commission regulations and should match the name in which CLEC is doing business.

4.1.1.3 SBC-13STATE - CLEC will provide written specifications of its company name to be used by SBC-13STATE to create the CLEC's specific branding announcement for its OS calls in accordance with the process outlined in the Operator Services OS/DA Questionnaire (OSQ).

4.1.1.4 A CLEC purchasing SBC-13STATE Lawful unbundled local switching is responsible for maintaining CLEC's End User customer records in SBC-13STATE Line Information Database (LIDB) as described in Appendix LIDB-AS. CLEC's failure to properly administer customer records in LIDB may result in branding errors.

4.1.1.5 Branding Load Charges

4.1.1.5.1 SBC SOUTHWEST REGION 5-STATE - An initial non-recurring charge applies per state, per brand, per Operator assistance switch, for the establishment of CLEC specific branding. An additional non-recurring charge applies per state, per brand, per Operator assistance switch for each subsequent change to the branding announcement. In addition, a per call charge applies for every OS call handled by SBC SOUTHWEST REGION 5-STATE on behalf of CLEC when such services are provided in conjunction with the purchase of SBC SOUTHWEST REGION 5-STATE Lawful unbundled local switching.

4.1.1.5.2 SBC MIDWEST REGION 5-STATE – An initial non-recurring charge applies per brand, per Operator Assistance Switch, per trunk group for the establishment of CLEC specific branding. In addition, a per call charge applies for every OS call handled by SBC MIDWEST REGION 5-STATE on behalf of CLEC when such services are provided in conjunction with the purchase of SBC MIDWEST REGION 5-STATE Lawful unbundled local switching. An additional non-recurring charge applies per brand, per Operator assistance switch, per trunk group for each subsequent change to the branding announcement.

4.1.1.5.3 SBC-2STATE – An initial non-recurring charge applies per state, per brand, per Operator assistance switch, for the establishment of CLEC specific branding. An additional non-recurring charge applies per state, per brand, per Operator assistance switch for each subsequent change to the branding announcement.

4.1.1.5.4 SBC CONNECTICUT – An initial non-recurring charge applies per brand, per load, per Operator assistance switch for the establishment of CLEC specific branding. An additional non-recurring charge applies per brand, per load, per Operator assistance switch for each subsequent change to the branding announcement.

5. OPERATOR SERVICES (OS) REFERENCE/RATER INFORMATION

5.1 An SBC database referenced by an SBC Operator for CLEC OS specific Reference/Rater information based upon the criteria.

5.1.1 Where technically feasible and/or available, SBC-12STATE will provide CLEC OS Rate/Reference Information based upon the criteria outlined below:

5.1.1.1 CLEC will furnish OS Reference and Rater information in accordance with the process outlined in the Operator Services Questionnaire (OSQ).

5.1.1.2 CLEC will inform SBC-12STATE, via the Operator Services Questionnaire (OSQ) of any changes to be made to Reference/Rater information.

5.1.1.3 An initial non-recurring charge will apply per state, per Operator assistance switch for loading of CLEC's OS Reference/Rater information. An additional non-recurring charge will apply per state, per Operator assistance switch for each subsequent change to either the CLEC's OS Reference or Rater information.

5.1.2 When an SBC-12STATE Operator receives a rate request from a CLEC End User, SBC-12STATE will quote the applicable OS rates as provided by CLEC or as otherwise defined below.

5.1.2.1 SBC CONNECTICUT - until technically feasible and/or available, when a SBC CONNECTICUT Operator receives a rate request from a CLEC end user, SBC CONNECTICUT will quote the surcharge rate only.

6. INTRALATA MESSAGE RATING

6.1 SBC SOUTHWEST REGION 5-STATE - Upon request, CLEC may opt to purchase intraLATA Message Rating Service. This service provides the message rating function on all SBC SOUTHWEST REGION 5-STATE Operator assisted intraLATA calls. With this service, SBC SOUTHWEST REGION 5-STATE will compute the applicable charges for each message based on CLEC's schedule of rates provided to SBC SOUTHWEST REGION 5-STATE.

7. HANDLING OF EMERGENCY CALLS TO OPERATOR

7.1 To the extent CLEC's NXX encompasses multiple emergency agencies, SBC-13STATE agrees to ask the caller for the name of his/her community and to transfer the caller to the appropriate emergency agency for the caller's area. CLEC must provide SBC-13STATE with the correct information to enable the transfer as required by the OSQ. CLEC will also provide default emergency agency numbers to use when the customer is unable to provide the name of his/her community. When the assistance of another Carrier's operator is required, SBC-13STATE will attempt to reach the appropriate operator if the network facilities for inward assistance exist. CLEC agrees to indemnify, defend, and hold harmless SBC-13STATE from any and all actions, claims, costs, damages, lawsuits, liabilities, losses and expenses, including reasonable attorney fees, arising from any misdirected calls.

8. RESPONSIBILITIES OF THE PARTIES

8.1 CLEC agrees that due to quality of service and work force scheduling, SBC-13STATE will be the sole provider of OS for CLEC's local serving area(s) for a minimum of a one (1) year period.

8.2 CLEC will be responsible for providing the equipment and facilities necessary for signaling and routing calls with Automatic Number Identification (ANI) to each SBC-13STATE Operator assistance switch. Should CLEC seek to obtain interexchange OS from SBC-13STATE, CLEC is responsible for ordering the necessary facilities under the appropriate interstate or intrastate Access Service Tariffs. Nothing in this Agreement in any way changes the manner in which an interexchange Carrier obtains access service for the purpose of originating or terminating interexchange traffic.

8.3 Facilities necessary for the provision of OS shall be provided by the Parties hereto, using standard trunk traffic engineering procedures to insure that the objective grade of service is met. Each party shall bear the costs for its own facilities and equipment.

8.4 CLEC will furnish to SBC-13STATE a completed OSQ, thirty (30) calendar days in advance of the date when the OS are to be undertaken.

8.5 CLEC will provide SBC-13STATE updates to the OSQ fourteen (14) calendar days in advance of the date when changes are to become effective.

8.6 CLEC understands and acknowledges that before live traffic can be passed, CLEC is responsible for obtaining and providing to SBC-13STATE, default emergency agency numbers.

9. METHODS AND PRACTICES

9.1 SBC-13STATE will provide OS to CLEC's End Users in accordance with SBC-13STATE OS methods and practices that are in effect at the time the OS call is made, unless otherwise agreed in writing by both Parties.

10. PRICING

10.1 The prices at which SBC-13STATE agrees to provide CLEC with OS are contained in the applicable Appendix Pricing and/or the applicable Commission ordered tariff where stated.

10.2 Beyond the specified term of this Appendix, SBC-13STATE may change the prices for the provision of OS upon one hundred-twenty (120) calendar days' notice to CLEC.

11. MONTHLY BILLING

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

11.2 SBC-13STATE will accumulate and provide CLEC such data as necessary for CLEC to bill its End Users.

12. LIABILITY

12.1 The provisions set forth in the General Terms and Conditions of this Agreement, including but not limited to those relating to limitation of liability and indemnification, shall govern performance under this Appendix.

12.2 CLEC also agrees to release, defend, indemnify, and hold harmless SBC-13STATE from any claim, demand or suit that asserts any infringement or invasion of privacy or confidentiality of any person or persons caused or claimed to be caused, directly, or indirectly, by SBC-13STATE employees and equipment associated with provision of the OS Services, including but is not limited to suits arising from disclosure of the telephone number, address, or name associated with the telephone called or the telephone used to call Operator Services.

13. TERMS OF APPENDIX

13.1 Appendix will continue in force for the length of the Interconnection Agreement, but no less than twelve (12) months. At the expiration of the term of the Interconnection Agreement to which this Appendix is attached or twelve (12) months, whichever occurs later, either Party may terminate this agreement upon one hundred-twenty (120) calendar days written notice to the other Party.

13.2 If CLEC terminates this Appendix prior to the expiration of the term of this Appendix, CLEC shall pay SBC-13STATE, within thirty (30) days of the issuance of any bills by SBC-13STATE, all amounts due for actual services provided under this Appendix, plus estimated monthly charges for the unexpired portion of the term. Estimated charges will be based on an average of the actual monthly service provided by SBC-13STATE pursuant to this Appendix prior to its termination.

APPENDIX OSS - RESALE & UNEs

TABLE OF CONTENTS

1. INTRODUCTION 3
2. LAWFUL UNBUNDLING REQUIREMENTS 4
3. GENERAL CONDITIONS 5
4. PRE-ORDERING 7
5. ORDERING/PROVISIONING 9
6. MAINTENANCE/REPAIR 10
7. BILLING 11
8. REMOTE ACCESS FACILITY 12
9. DATA CONNECTION SECURITY REQUIREMENTS 12
10. OPERATIONAL READINESS TEST (ORT) FOR ORDERING/PROVISIONING AND REPAIR/ MAINTENANCE INTERFACES 15
11. OSS TRAINING COURSES 16
12. OSS CHARGES FOR SYSTEM ACCESS AND CONNECTIVITY 16
13. MISCELLANEOUS CHARGES 16
14. SERVICE BUREAU PROVIDER ARRANGEMENTS FOR SHARED ACCESS TO OSS 17

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 SBC Communications Inc. (SBC) 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 SBC Communications Inc. (SBC) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.3 SBC-2STATE - As used herein, SBC-2STATE means SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in California and Nevada.

1.4 SBC-4STATE - As used herein, SBC-4STATE means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, and SBC Oklahoma the applicable SBC-owned ILEC(s) doing business in Arkansas, Kansas, Missouri and Oklahoma.

1.5 SBC-7STATE - As used herein, SBC-7STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma and Texas.

1.6 SBC-8STATE - As used herein, SBC-8STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA, SBC NEVADA and SBC CONNECTICUT, the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma and Texas.

1.7 SBC-10STATE - As used herein, SBC-10STATE means SBC SOUTHWEST REGION 5-STATE and SBC MIDWEST REGION 5-STATE an the applicable SBC-owned ILEC(s) doing business in Arkansas, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Texas and Wisconsin.

1.8 SBC-12STATE - As used herein, SBC-12STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE and SBC-2STATE the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, SBC NEVADA, Ohio, Oklahoma, Texas and Wisconsin.

1.9 SBC-13STATE - As used herein, SBC-13STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE, SBC-2STATE and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin.

1.10 SBC ARKANSAS - As used herein, SBC ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, the applicable SBC-owned ILEC doing business in Arkansas.

1.11 SBC CALIFORNIA - As used herein, SBC CALIFORNIA means Pacific Bell Telephone Company d/b/a SBC California, the applicable SBC-owned ILEC doing business in California.

1.12 SBC CONNECTICUT - As used herein, SBC CONNECTICUT means The Southern New England Telephone Company d/b/a SBC Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.13 SBC KANSAS - As used herein, SBC KANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Kansas, the applicable SBC-owned ILEC doing business in Kansas.

1.14 SBC ILLINOIS - As used herein, SBC ILLINOIS means Illinois Bell Telephone Company d/b/a SBC Illinois, the applicable SBC-owned ILEC doing business in Illinois.

1.15 SBC INDIANA - As used herein, SBC INDIANA means Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, the applicable SBC-owned ILEC doing business in Indiana.

1.16 SBC MICHIGAN - As used herein, SBC MICHIGAN means Michigan Bell Telephone Company d/b/a SBC Michigan, the applicable SBC-owned doing business in Michigan.

1.17 SBC MIDWEST REGION 5-STATE - As used herein, SBC MIDWEST REGION 5-STATE means Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio and Wisconsin.

1.18 SBC MISSOURI - As used herein, SBC MISSOURI means Southwestern Bell Telephone, L.P. d/b/a SBC Missouri, the applicable SBC-owned ILEC doing business in Missouri.

1.19 SBC NEVADA - As used herein, SBC NEVADA means Nevada Bell Telephone Company d/b/a SBC Nevada, the applicable SBC-owned ILEC doing business in Nevada.

1.20 SBC OHIO - As used herein, SBC OHIO means The Ohio Bell Telephone Company d/b/a SBC Ohio, the applicable SBC-owned ILEC doing business in Ohio.

1.21 SBC OKLAHOMA - As used herein, SBC OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a SBC Oklahoma, the applicable SBC-owned ILEC doing business in Oklahoma.

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

1.23 SBC TEXAS - As used herein, SBC TEXAS means Southwestern Bell Telephone, L.P. d/b/a SBC Texas, the applicable SBC-owned ILEC doing business in Texas.

1.24 SBC WISCONSIN - As used herein, SBC WISCONSIN means Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC doing business in Wisconsin.

1.25 SBC-13STATE has established performance measurements to illustrate non-discriminatory access. These measurements are represented in Appendix Performance Measurements.

1.26 **"LSC"** means (i) the Local Service Center (LSC) for SBC-12STATE; (ii) Local Exchange Carrier Center (LECC) for SBC CONNECTICUT.

1.27 **"LOC"** means the Local Operations Center (LOC) for SBC-13STATE.

1.28 **"Service Bureau Provider"** - For purposes of this Agreement, Service Bureau Provider (SBP) is a company which has been engaged by a CLEC to act on its behalf for purposes of accessing SBC-13STATE's OSS application-to-application interfaces via a dedicated connection over which multiple CLECs' local service transactions are transported.

1.29 **"UNE"** is as described in Appendix 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 SBC-13STATE provides under this Interconnection Agreement (ICA service(s)). Should

SBC-13STATE no longer be obligated to provide a UNE under the terms of this Agreement, SBC-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 SBC-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. Provided however, in SBC SOUTHWEST REGION 5-STATE where a flat rate monthly OSS access and connectivity charge exists, a CLEC who has been using OSS electronic interfaces and decides to revert to manual for all purposes, to avoid such flat rate OSS system access and connectivity charges, may do so upon written notice to their Local Account Manager , or when CLEC elects to remain manual and not to use OSS in order to avoid SBC SOUTHWEST REGION 5-STATE's flat rate monthly OSS charges.

3.2 Proper Use of OSS interfaces:

3.2.1 For SBC-13STATE, CLEC agrees to utilize SBC-13STATE electronic interfaces, as described herein, only for the purposes of establishing and maintaining Resale Services or UNEs through SBC-13STATE. In addition, CLEC agrees that such use will comply with SBC-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 SBC-13STATE against any cost, expense or liability relating to any unauthorized entry or access into, or use or manipulation of SBC-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 SBC-13STATE for any and all damages caused by such unauthorized entry.

3.3 Within SBC-13STATE regions, CLEC's access to pre-order functions described in 4.2.2 will only be utilized to view Customer Proprietary Network Information (CPNI) of another carrier's End User where CLEC has obtained an authorization for release of CPNI from the End User and has obtained an authorization to become the End User's Local Service Provider.

3.3.1 In SBC-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 SBC CALIFORNIA ONLY. For consumer End Users, prior to accessing such information, CLEC shall, on its own behalf and on behalf of SBC 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 SBC CALIFORNIA against any claim made by a consumer End User or governmental entity against SBC 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 SBC-13STATE region, CLEC is solely responsible for determining whether proper authorization has been obtained and holds SBC-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, subject to the terms of this Agreement and applicable tariffs dependent on region of operation. CLEC is also responsible for all actions of its employees using any of SBC-13STATE's OSS systems. As such, CLEC agrees to accept and pay all reasonable costs or expenses, including labor costs, incurred by SBC-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 SBC-13STATE to CLEC. In addition, CLEC agrees to indemnify and hold SBC-13STATE harmless against any claim made by an End User of CLEC or other third parties against SBC-13STATE caused by or related to CLEC's use of any SBC-13STATE OSS.

3.5 In the event SBC-13STATE has good cause to believe that CLEC has used SBC-13STATE OSS in a way that conflicts with this Agreement or Applicable Law, SBC-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 SBC-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 SBC-13STATE OSS is inconsistent with this Agreement or Applicable Law, then the parties agree to the following steps:

3.6.1 If such misuse involves improper access of pre-order applications to obtain CPNI in violation of this Agreement, Applicable Law, or involves a violation of the security guidelines contained herein, or negatively affects another OSS user's ability to use OSS, CLEC shall continue to refrain from using the particular OSS functionality in the manner alleged by SBC-13STATE to be improper, until CLEC has implemented a mutually agreeable remedy to the alleged misuse.

3.6.2 To remedy the misuse for the balance of the agreement, Parties will work together as necessary to mutually determine a permanent resolution for the balance of the term of the agreement.

3.7 In order to determine whether CLEC has engaged in the alleged misuse described in the Notice of Misuse, and for good cause shown, SBC-13STATE shall have the right to conduct an audit of CLEC's use of the SBC-13STATE OSS. Such audit shall be limited to auditing those aspects of CLEC's use of the SBC-13STATE OSS that relate to the allegation of misuse as set forth in the Notice of Misuse. SBC-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 SBC-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 SBC-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. SBC-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 SBC-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, SBC-13STATE and CLEC will use manual processes. Should SBC-13STATE develop electronic interfaces for these functions for itself, SBC-13STATE will make electronic access available to CLEC within the specific operating region.

3.9 The Information Services (I.S.) Call Center for the SBC-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 "SBC Competitive Local Exchange Carrier (CLEC) 13-State Interface Change Management Process", developed in collaboration with CLECs. This plan may be modified from time to time in accordance with the Change Management principles.

3.11 SBC-13STATE will and CLEC may participate in the Order and Billing Forum (OBF) and the Telecommunications Industry Forum (TCIF) to establish and conform to uniform industry guidelines for electronic interfaces for pre-order, ordering, and provisioning. Neither Party waives its rights as participants in such forums or in the implementation of the guidelines. To achieve system functionality as quickly as possible, the Parties acknowledge that SBC-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 SBC-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, SBC-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 SBC-13STATE's OSS functions, certain interfaces described in this Appendix may be modified, temporarily unavailable or may be phased out after execution of this Appendix. SBC-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 SBC-13STATE OSS functions. All hardware and software requirements are specified in: "CLEC Hardware/Software Requirements for Access of SBC Uniform OSS Applications", or any other documents or interface requirements subsequently generated by SBC-13STATE for any of its regions.

4. PRE-ORDERING

4.1 SBC-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 SBC-13STATE region-specific ordering requirements.

4.2 Pre-Ordering functions for Resale Services and UNEs include

4.2.1 Feature/Service Availability

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 SBC-13STATE retail or resold CPNI and account information for pre-ordering will include: billing name, service address, billing address, service and feature subscription, directory listing information, and long distance carrier identity. CLEC agrees that CLEC's representatives will not access the information specified in this subsection until after the End User requests that his or her Local Service Provider be changed to CLEC, and an End User authorization for release of CPNI complies with conditions as described in section 3.3 of this Appendix.

4.2.3 Telephone Number Inquiry

SBC-13STATE provides a Telephone Number Reservation Inquiry and a Cancel Reservation function. With the rollout of the Uniform Pre-Order Interfaces, SBC MIDWEST REGION 5-STATE also provides a Telephone Number Confirmation Inquiry function.

4.2.4 Scheduling Inquiry/Availability

4.2.4.1 Due Date Inquiry provides next available dates for the End User (where available).

4.2.4.2 Dispatch Inquiry provides information to indicate whether dispatch is required.

4.2.5 Address Validation Inquiry

SBC-13STATE provides address validation function.

4.3 The following are Pre-Order functions specific to UNEs

4.3.1 Loop Pre-Qualification and Loop Qualification Inquiry

SBC-13STATE provides pre-order loop qualification information specific to DSL capable and Line Shared UNE loops consistent with the XDSL and Advanced Services OSS Plan of Record filed 4/3/00 and approved by FCC on 12/22/00.

4.3.2 Common Language Location Indicator (CLLI) Inquiry

SBC-13STATE provides CLLI code inquiry function.

4.3.3 Connecting Facility Assignment (CFA) Inquiry

SBC-13STATE provides a CFA inquiry function.

4.3.4 Network Channel/Network Channel Interface (NC/NCI) Inquiry

SBC-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 SBC-13STATE to provide the pre-ordering functions listed in section 4.2. Enhanced Verigate is accessible via a web-based Toolbar.

4.4.1.2 An industry standard EDI/CORBA Pre-ordering Gateway is provided by SBC-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.

4.4.1.3 DataGate is a transaction-based data query system through which SBC-7STATE provides CLEC access to pre-ordering functions. This gateway shall be a Transmission Control Protocol/Internet Protocol (TCP/IP) gateway and will, once CLEC has developed its own interface, allow CLEC to access the pre-order functions for Resale services and UNEs. DataGate follows industry guidelines, but is based on SBC-7STATE's proprietary pre-ordering functionality.

4.4.1.4 Consumer Easy Access Sales Environment (C-EASE): C-EASE is an ordering entry system through which SBC SOUTHWEST REGION 5-STATE provides CLEC access to the functions of pre-ordering to order SBC SOUTHWEST REGION 5-STATE consumer Resale services.

4.4.1.5 Business Easy Access Sales Environment (B-EASE): B-EASE is an ordering entry system through which SBC SOUTHWEST REGION 5-STATE provides CLEC access to the functions of pre-ordering to order SBC SOUTHWEST REGION 5-STATE business Resale services.

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, SBC-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 SBC-13STATE provides access to ordering functions (as measured from the time SBC-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 SBC-13STATE to provision in accordance with applicable SBC-13STATE ordering requirements. SBC-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 SBC-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 SBC-13STATE Local Service Order Requirements (LSOR), and via EDI mapping as defined by TCIF. In ordering and provisioning of Resale Services or UNEs, CLEC and SBC-13STATE will utilize industry guidelines developed by OBF and TCIF EDI to transmit data based upon SBC-13STATE's 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 SBC-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 For SBC SOUTHWEST REGION 5-STATE region, C-EASE is available for the ordering of consumer Resale services.

5.2.4 For SBC SOUTHWEST REGION 5-STATE region, B-EASE is available for the ordering of business Resale services.

5.2.5 For SBC SOUTHWEST REGION 5-STATE, SORD interface provides CLECs with the ability to create Resale and UNE orders as well as certain complex Resale and UNE orders that cannot be ordered through Easy Access Sales Environment (EASE), Electronic Data Interchange (EDI) or Local Exchange (LEX).

5.2.5.1 For SBC SOUTHWEST REGION 5-STATE region, SORD interface supports CLEC initiated modification of service orders submitted electronically by CLEC via the following SBC

SOUTHWEST REGION 5-STATE OSS applications: Business EASE, Consumer EASE or SORD (via DOES-Direct Order Entry System). CLEC should not use SORD to modify service orders issued electronically via LEX/EDI. In addition, CLEC should not use SORD to modify orders submitted manually to the LSC. The Parties agree that the following conditions are applicable to EASE and SORD generated service orders with errors corrected via SORD. If CLEC chooses to use SORD to issue orders and/or modify EASE generated orders, then CLEC becomes responsible for correction of all EASE and SORD service order errors that occur between order application and order completion. CLEC may need to call the LSC to obtain additional information. For terms and conditions for service order error correction within SORD, see section 5.3.3.

5.2.6 In ordering and provisioning Unbundled Dedicated Transport and local interconnection trunks, CLEC and SBC-13STATE will utilize industry ASR guidelines developed by OBF based upon SBC-13STATE ordering requirements.

5.3 Provisioning for Resale Services and UNEs in SBC-13STATE

SBC-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 SBC-13STATE, Order Status and Provisioning Order Status functionality is provided through the Enhanced Verigate interface which will allow CLEC to check service order status. In addition, in SBC SOUTHWEST REGION 5-STATE pending orders can be viewed in SORD.

5.3.2 For EDI ordering, SBC-13STATE will provide, and CLEC shall use, an EDI interface for transferring and receiving orders, Firm Order Confirmation (FOC), service completion, and, as available, other provisioning data and information.

5.3.3 For SBC SOUTHWEST REGION 5-STATE, as detailed in section 5.2.5.1, the Parties agree that the following timelines are applicable to electronically generated service orders with errors corrected via SORD:

5.3.3.1 Errors occurring between application and distribution must be corrected within five (5) business hours for a simple order and within twenty four (24) hours for a complex order;

5.3.3.2 Error Service Order Image (ESOI) errors must be corrected within three (3) business hours.

5.3.3.3 Service orders will be excluded from calculation of the results for all related performance measurements, described in Appendix Performance Measurements, if CLEC fails to correct service order errors within the timeframes specified in this Section 5.3.3.

5.3.3.4 Additionally, service orders with errors that occur after order generation, but prior to distribution will not qualify for an SBC-13STATE issued FOC.

6. MAINTENANCE/REPAIR

6.1 Two electronic interfaces are accessible in each region to place, and check the status of, trouble reports for both Resale services and UNEs. Upon request, CLEC may access these functions via the following methods:

6.1.1 In SBC-13STATE, Electronic Bonding for 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 SBC-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 SBC-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 SBC-13STATE will exchange requests over a mutually agreeable X.25-based network.

7. BILLING

7.1 SBC-13STATE will bill CLEC for Resold services and UNEs. SBC-13STATE will send associated billing information to CLEC as necessary to allow CLEC to perform billing functions. At minimum SBC-13STATE will provide CLEC billing information in a paper format, or via 18-track magnetic tape, as agreed to between CLEC and SBC-13STATE. Such alternate bill media will be made available to CLEC consistent with the individual state tariff provisions.

7.2 Electronic access to billing information for Resale services will also be available via the following interfaces:

7.2.1 In SBC-13STATE, CLEC may receive a mechanized bill format via the EDI 811 transaction set.

7.2.2 For Resale Services in SBC SOUTHWEST REGION 5-STATE, CLEC may receive Bill Plus™, an electronic version of its bill, as described in, and in accordance with, SBC SOUTHWEST REGION 5-STATE's Local Exchange Tariff.

7.2.3 For Resale Services in SBC CALIFORNIA, CLEC may elect to receive Custom Billing Disk/ CD Bill. Custom Billing Disk/ CD Bill provides an electronic bill with the same information as a paper bill along with various reporting options.

7.2.4 For Resale Services in SBC MIDWEST REGION 5-STATE, CLEC may elect to receive its bill on CD.

7.2.5 For Resale Services in SBC SOUTHWEST REGION 5-STATE, CLEC may also view billing information through the Bill Information interface. Bill Information will be accessible via SBC SOUTHWEST REGION 5-STATE Classic Toolbar.

7.2.6 In SBC-13STATE, CLEC may receive electronically a Daily Usage Extract. On a daily basis, this feed provides information on the usage billed to its accounts for Resale services in the industry standardized EMI format.

7.2.7 SBC-13STATE will provide Loss Notifications. This notification alerts CLECs that a change requested by another telecommunications provider has been completed and, as a result, the Local Service Provider associated with a given telephone number has been changed. It will be provided via the uniform ordering application to application interface using the EDI 836 transaction, and will also be available via the uniform ordering GUI interface, WebLEX.

7.2.8 In SBC CONNECTICUT, CLEC may receive a Billing Detail File on 18-track magnetic tape.

7.2.9 In SBC MIDWEST REGION 5-STATE, CLEC may receive a mechanized bill for Resale Services via the SBC MIDWEST REGION 5-STATE Electronic Billing System (AEBS) transaction set.

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

7.3.1 SBC-13STATE makes available to CLECs a local Bill Data Tape to receive data in an electronic format from its CABS database. The local Bill Data Tape contains the same information that would appear on CLEC's paper bill.

7.3.2 In SBC SOUTHWEST REGION 5-STATE, CLEC may also view billing information through the Bill Information interface. Bill Information will be accessible via SBC SOUTHWEST REGION 5-STATE Classic Toolbar.

7.3.3 In SBC-13STATE, CLECs will 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.

7.3.4 SBC-13STATE, CLEC may receive a uniform loss notification via EDI 836 transaction or via the uniform GUI interface, WebLEX. For UNEs this loss notification indicates when CLEC's End Users, utilizing SBC-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 SBC SOUTHWEST REGION 5-STATE region, the LRAF located in Dallas, TX will be used. The PRAF in Fairfield, CA handles the SBC-2STATE region. The ARAF, located in Chicago, IL, serves SBC MIDWEST REGION 5-STATE and the SRAF in New Haven, CT, handles the SBC 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 SBC-13STATE OSS interfaces to perform the supported functions in any SBC-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 SBC-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 SBC ILEC company point of demarcation. The demarcation point shall be the interface at the LRAF, PRAF, ARAF, or SRAF according to SBC-13STATE "CLEC OSS Interconnection Procedures". Switched Access "Dial-up Connections" require CLEC to provide its own modems and connection to the SBC SOUTHWEST REGION 5-STATE LRAF, SBC CALIFORNIA PRAF, SBC MIDWEST REGION 5-STATE ARAF, and SBC 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 SBC-13STATE OSS via the public internet.

8.3 For SBC-13STATE, CLEC shall use TCP/IP to access SBC-13STATE OSS via the LRAF, ARAF, SRAF, and the PRAF. In addition, each CLEC shall have one valid Internet Protocol (IP) network address per region. CLEC shall maintain a user-id / password unique to each individual for accessing a SBC-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 SBC-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 SBC-13STATE data facilities for access to OSS will be in compliance with SBC-13STATE's "Competitive Local Exchange Carrier (CLEC) Operations Support System Interconnection Procedures" document current at the time of initial connection to a RAF. The following additional terms in this Section 9 govern direct and dial up connections between CLEC and the PRAF, LRAF, ARAF and SRAF for access to OSS Interfaces.

9.2 Joint Security Requirements

9.2.1 Both Parties will maintain accurate and auditable records that monitor user authentication and machine integrity and confidentiality (e.g., password assignment and aging, chronological logs configured, system accounting data, etc.).

9.2.2 Both Parties shall maintain accurate and complete records detailing the individual data connections and systems to which they have granted the other Party access or interface privileges. These records will include, but are not limited to, user ID assignment, user request records, system configuration, time limits of user access or system interfaces. These records should be kept until the

termination of this Agreement or the termination of the requested access by the identified individual. Either Party may initiate a compliance review of the connection records to verify that only the agreed to connections are in place and that the connection records are accurate.

9.2.3 CLEC shall immediately notify the ISCC when a employee userid is no longer valid (e.g. employee termination or movement to another department).

9.2.4 Both Parties shall use an industry standard virus detection software program at all times. The Parties shall immediately advise each other by telephone upon actual knowledge that a virus or other malicious code has been transmitted to the other Party.

9.2.5 All physical access to equipment and services required to transmit data will be in secured locations. Verification of authorization will be required for access to all such secured locations. A secured location is where walls and doors are constructed and arranged to serve as barriers and to provide uniform protection for all equipment used in the data connections which are made as a result of the user's access to either the CLEC or SBC-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 SBC-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 SBC-13STATE, as appropriate to the ownership of a failed component. As necessary, CLEC and

SBC-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 SBC-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 (**SBC-13STATE** or CLEC) system restricted to Company official business and subject to being monitored at any time. Anyone using this system expressly consents to such monitoring and to any evidence of unauthorized access, use, or modification being used for criminal prosecution."*

9.11.2 After successful authentication, each session will display the last logon date/time and the number of unsuccessful logon attempts. The user is responsible for reporting discrepancies.

10. OPERATIONAL READINESS TEST (ORT) FOR ORDERING/PROVISIONING AND REPAIR/ MAINTENANCE INTERFACES

10.1 Prior to live access to interface functionality, the Parties must conduct Operational Readiness Testing (ORT), which will allow for the testing of the systems, interfaces, and processes for the OSS functions. ORT will be completed in conformance with agreed upon processes and implementation dates.

11. OSS TRAINING COURSES

11.1 Prior to live system usage, CLEC must complete user education classes for SBC-13STATE-provided interfaces that affect the SBC-13STATE network. Course descriptions for all available classes by region are posted on the CLEC website in the Customer Education section. CLEC Training schedules by region are also available on the CLEC website and are subject to change, with class lengths varying. Classes are train-the-trainer format to enable CLEC to devise its own course work for its own employees. Charges as specified below will apply for each class:

Training Rates	5 day class	4.5 day class	4 day class	3.5 day class	3 day class	2.5 day class	2 day class	1.5 day class	1 day class	1/2 day class
1 to 5 students	$4,050	$3,650	$3,240	$2,835	$2,430	$2,025	$1,620	$1,215	$810	$405
6 students	$4,860	$4,380	$3,890	$3,402	$2,915	$2,430	$1,945	$1,455	$970	$490
7 students	$5,670	$5,100	$4,535	$3,969	$3,400	$2,835	$2,270	$1,705	$1,135	$570
8 students	$6,480	$5,830	$5,185	$4,536	$3,890	$3,240	$2,590	$1,950	$1,300	$650
9 students	$7,290	$6,570	$5,830	$5,103	$4,375	$3,645	$2,915	$2,190	$1,460	$730
10 students	$8,100	$7,300	$6,480	$5,670	$4,860	$4,050	$3,240	$2,430	$1,620	$810
11 students	$8,910	$8,030	$7,130	$6,237	$5,345	$4,455	$3,565	$2,670	$1,780	$890
12 students	$9,720	$8,760	$7,780	$6,804	$5,830	$4,860	$3,890	$2,920	$1,945	$970

11.2 A separate agreement will be required as a commitment to pay for a specific number of CLEC students in each class. CLEC agrees that charges will be billed by SBC-13STATE and CLEC payment is due thirty (30) days following the bill date. CLEC agrees that personnel from other competitive Local Service Providers may be scheduled into any class to fill any seats for which the CLEC has not contracted. Class availability is first-come, first served with priority given to CLECs who have not yet attended the specific class.

11.3 Class dates will be based upon SBC-13STATE availability and will be coordinated among CLEC, the CLEC's SBC-13STATE Account Manager, and SBC-13STATE Industry Markets CLEC Training Product Management.

11.4 CLEC agrees to pay the cancellation fee of the full price noted in the separate agreement if CLEC cancels scheduled classes less than two (2) weeks prior to the scheduled start date. CLEC agrees to provide to SBC-13STATE completed registration forms for each student no later than one week prior to the scheduled training class.

11.5 CLEC agrees that CLEC personnel attending classes are to utilize only training databases and training presented to them in class. Attempts to access any other SBC-13STATE system are strictly prohibited.

11.6 CLEC further agrees that training material, manuals and instructor guides can be duplicated only for internal use for the purpose of training employees to utilize the capabilities of SBC-13STATE's OSS in accordance with this Appendix and shall be deemed "Proprietary Information" and subject to the terms, conditions and limitations of Section 20 of the General Terms and Conditions.

12. OSS CHARGES FOR SYSTEM ACCESS AND CONNECTIVITY

12.1 To the extent SBC-13STATE seeks to recover costs associated with OSS System Access and Connectivity, SBC-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 SBC 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 SBC-7STATE, CLEC requesting the billing function for the Daily Usage Extract which contains the usage billable records, as described in 7.2.7 and 7.3.3, agrees to pay established rates pursuant to Appendix Pricing.

13.3 For SBC-13STATE, should CLEC request custom development of an exclusive interface to support OSS functions, such development will be considered by SBC-13STATE on an Individual Case Basis (ICB) and priced as such.

13.4 SBC CONNECTICUT will charge for the Billing Detail File, Daily Usage Extract, and Loss Notification File at rates filed and approved by DPUC.

14. SERVICE BUREAU PROVIDER ARRANGEMENTS FOR SHARED ACCESS TO OSS

14.1 SBC-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 SBC-13STATE OSS via a Service Bureau Provider as follows:

14.2.1 CLEC shall be permitted to access SBC-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 SBC-13STATE to Allow Service Bureau Provider to establish access to and use of SBC-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. SBC-13STATE shall have a reasonable transition time to establish a connection to a Service Bureau Provider once CLEC provides notice. Additionally, SBC-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 SBC-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 SBC-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 SBC-13STATE's OSS) which could not be avoided by SBC-13STATE through the exercise of reasonable diligence or delays or other problems resulting from actions of a Service Bureau Provider, including Service Bureau provided processes, services, systems or connectivity.

APPENDIX NUMBERING

TABLE OF CONTENTS

1. INTRODUCTION..... 3
2. GENERAL TERMS AND CONDITIONS..... 3

APPENDIX NUMBERING

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions under which the Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin will coordinate with respect to NXX assignments.

1.2 As used herein, SBC-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 SBC-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 SBC-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 tome providing answer supervision and allowing simultaneous connection from multiple test lines. Both numbers should remain in service indefinitely for regressive testing purposes.

APPENDIX NUMBER PORTABILITY

TABLE OF CONTENTS

1. INTRODUCTION 3
2. PERMANENT NUMBER PORTABILITY (PNP) 3
3. MASS CALLING CODES 5
4. SPNP QUERY 6

APPENDIX NP
(NUMBER PORTABILITY)

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions for Number Portability mutually provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and CLEC.

1.2 SBC Communications Inc. (SBC) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.3 SBC-12STATE - As used herein, SBC-12STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE and SBC-2STATE the applicable SBC owned ILEC(s) doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.4 SBC-13STATE - As used herein, SBC-13STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE, SBC-2STATE and SBC CONNECTICUT the applicable SBC owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.5 SBC CALIFORNIA – As used herein, SBC CALIFORNIA means Pacific Bell Telephone Company d/b/a SBC California, the applicable SBC owned ILEC doing business in California.

1.6 SBC CONNECTICUT - As used herein, SBC CONNECTICUT means The Southern New England Telephone Company d/b/a SBC Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.7 SBC MIDWEST REGION 5-STATE - As used herein, SBC MIDWEST REGION 5-STATE means Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.8 SBC NEVADA - As used herein, SBC NEVADA means Nevada Bell Telephone Company d/b/a SBC Nevada, the applicable SBC owned ILEC doing business in Nevada.

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

2. PERMANENT NUMBER PORTABILITY (PNP)

2.1 General Terms and Conditions

2.1.1 The Parties agree that the industry has established local routing number (LRN) technology as the method by which permanent number portability (PNP) will be provided in response to FCC Orders in CC Docket No. 95-116 (i.e., First Report and Order and subsequent Orders issued to the date this agreement was signed). As such, the parties agree to provide PNP via LRN to each other as required by such FCC Orders or Industry agreed upon practices.

2.1.2 Other than as specifically set out elsewhere in this agreement, SBC CONNECTICUT does not offer PNP under this agreement. Rather, PNP is available as described in Section 14 of the Connecticut Tariff FCC No. 39.

2.2 The Parties shall:

2.2.1 disclose, upon request, any technical limitations that would prevent LNP implementation in a particular switching office; and

2.2.2 provide PNP services and facilities only where technically feasible, subject to the availability of facilities, and only from properly equipped central office.

2.3 Obligations of SBC-12STATE

2.3.1 SBC CALIFORNIA/SBC NEVADA/SBC-SBC MIDWEST REGION 5-STATE/SBC SOUTHWEST REGION 5-STATE has deployed LRN in all of their switches.

2.3.2 SBC-13STATE will open unrestricted non portable codes within 180 days of the receipt of a BFR (bona fide request). A sample BFR is provided in Exhibit 1.

2.3.3 SBC-12STATE may cancel any line-based calling cards associated with telephone numbers ported from their switch.

2.4 Obligations of CLEC

2.4.1 The CLEC is responsible for advising the Number Portability Administration Center (NPAC) of telephone numbers that it imports and the associated data as identified in industry forums as being required for PNP.

2.4.2 After the initial deployment of PNP in a mandated MSA, CLEC shall submit a BFR (see EXHIBIT 1) to request that a SBC SOUTHWEST REGION 5-STATE switch in that MSA become LRN capable. The requested switch will be made LRN capable within the time frame stipulated by the FCC.

2.4.3 When CLEC requests that an NXX in an LRN capable SBC-12STATE switch become portable, CLEC shall follow the industry standard LERG procedure.

2.4.4 CLEC shall be certified by the Regional NPAC prior to scheduling Intercompany testing of PNP.

2.4.5 CLEC shall adhere to SBC-12STATE's Local Service Request (LSR) format and PNP due date intervals.

2.5 Obligations of Both Parties

2.5.1 When a ported telephone number becomes vacant, e.g., the telephone number is no longer in service by the original End User, the ported telephone number will be released back to the carrier owning the switch in which the telephone number's NXX is native.

2.5.2 Each party has the right to block default routed call entering a network in order to protect the public switched network from overload, congestion, or failure propagation.

2.5.3 Industry guidelines shall be followed regarding all aspects of porting numbers from one network to another.

2.5.4 Intracompany testing shall be performed prior to the scheduling of intercompany testing.

2.5.5 Each Party will designate a single point of contact (SPOC) to schedule and perform required testing. These tests will be performed during a mutually agreed time frame and must meet the criteria set forth by the InterIndustry LNP Regional Team for porting.

2.5.6 Each Party shall abide by NANC and the InterIndustry LNP Regional Team provisioning and implementation process.

2.5.7 Each Party shall become responsible for the End User's other telecommunications related items, e.g. E911, Directory Listings, Operator Services, Line Information Database (LIDB), when they port the End User's telephone number to their switch.

2.5.8 Each party shall adhere to the reserved number terms and conditions pursuant to Appendix Numbering.

2.6 Limitations of Service

2.6.1 Telephone numbers can be ported only within SBC CALIFORNIA/SBC NEVADA/SBC SOUTHWEST REGION 5-STATE toll rate centers / SBC MIDWEST REGION 5-STATE rate centers or rate districts, which ever is a smaller geographic area, as approved by State Commissions.

2.6.2 Telephone numbers in the following SBC-12STATE NXXs shall not be ported: (i) wireless NXXs until the FCC mandates that those NXXs be portable; (ii) SBC-12STATE Official Communications Services (OCS) NXXs; and (iii) 555, 976, 950.

2.6.3 Telephone numbers with NXXs dedicated to choke/High Volume Call-In (HVCI) networks are not portable via LRN. Choke numbers will be ported as described in Section 5 of this Appendix.

2.7 Service Descriptions

2.7.1 The switch's LRN software determines if the called party is in a portable NXX. If the called party is in a portable NXX, a query is launched to the PNP database to determine whether or not the called number is ported.

2.7.2 When the called number with a portable NXX is ported, an LRN is returned to the switch that launched the query. Per industry standards, the LRN appears in the CdPN (Called Party Number) field of the SS7 message and the called number then appears in the GAP (Generic Address Parameter) field.

2.7.3 When the called number with a portable NXX is not ported, the call is completed as in the pre-PNP environment.

2.7.4 The FCI (Forward Call Identifier) field's entry is changed from 0 to 1 by the switch triggering the query when a query is made, regardless of whether the called number is ported or not.

2.7.5 The CLEC shall populate the Jurisdictional Identification Parameter (JIP) field with the first six (6) digits (NPA NXX format) of the appropriate LRN of the originating switch.

2.8 Pricing

2.8.1 Except as set forth in Section 4, the parties agree not to charge each other for ordering, provisioning, or conversion of ported telephone numbers as a means for the other to recover the costs associated with LNP. Notwithstanding the foregoing, SBC-12STATE may charge CLEC LNP end user surcharges, provided that the conditions set forth in 47 CFR § 52.33 are met.

3. MASS CALLING CODES

3.1 General Terms and Conditions

3.1.1 Mass calling codes, i.e., choke/HVCI NXXs, are used in a network serving arrangement provided by SBC-12STATE in special circumstances where large numbers of incoming calls are solicited by an End User and the number of calls far exceeds the switching capacity of the terminating office, the number of lines available for terminating those calls, and/or the STP's query capacity to the PNP database. The following two different sets of End User objectives usually create this condition: (a) low call completion; and (b) high call completion.

3.1.2 Given the potentially hazardous effect calling conditions of this nature could have on the network, SBC-12STATE will provide mass calling code portability using a non-LRN solution.

3.2 Service Provided

3.2.1 SBC-12STATE will offer the ability to port telephone numbers with mass calling NXX codes via the use of pseudo codes or route index numbers. In this non-LRN scenario, calls to the SBC-12STATE mass calling NXX code will leave the originating end office over dedicated MF (multi-frequency)

trunk groups to the SBC-12STATE mass calling tandem and/or SBC MIDWEST REGION 5-STATE mass calling hub. The mass calling tandem will then route the calls over dedicated MF trunks to the SBC-12STATE choke serving central office (CSO). The CSO will translate the dialed mass calling number to a non-dialable pseudo code or a route index number that routes the call to the mass calling customer.

3.2.2 When a CLEC requests that a SBC-12STATE number with a mass calling NXX code be ported to its network, SBC-12STATE will build translations at the CSO to route the incoming calls to a CLEC provided dedicated Direct Inward Dial (DID) MF trunk group from the CSO to the CLEC central office.

3.3 Obligations of SBC-12STATE

3.3.1 SBC-12STATE will port its numbers with mass calling NXXs upon request by the CLEC. Non-LRN porting will be done via pseudo code or route index translation in the SBC-12STATE CSO rather than STP queries to the PNP database. This method of porting mass call numbers will be used during both INP and PNP period in each market.

3.3.2 SBC-12STATE will not charge the CLEC for the use of its choke network by the CLEC's mass calling customer. In exchange, SBC-12STATE shall not be responsible to pay intercompany terminating compensation for terminating minutes of use (MOU) for ported choke calls.

3.4 Obligations of CLEC

3.4.1 CLEC shall agree to adhere to SBC-12STATE LSR format and mass calling due date intervals.

3.4.2 The CLEC shall provide the facility and DID trunk group from the SBC-12STATE CSO to the CLEC's serving office. The CLEC shall size this one-way MF trunk group.

3.4.3 The CLEC shall forego any inter-company terminating MOU compensation for termination calls coming in on this trunk group.

3.5 CLEC Mass Calling Codes

3.5.1 Should the CLEC assign a mass calling NXX code(s) and establish a mass calling interface for traffic destined to its CSO(s), the CLEC shall home its CSO(s) on a SBC-12STATE mass calling tandem and a similar mass calling trunking arrangement (one-way outgoing with MF signaling) will be provided from SBC-12STATE's tandem and/or SBC MIDWEST REGION 5-STATE mass calling hub to the CLEC. In order to allow the Parties time to order and install such mass calling trunks, the CLEC shall provide SBC-12STATE notification of its intention to deploy mass calling NXX code(s) at least ninety (90) days before such codes are opened in the LERG. For more information regarding this mass local interconnection trunk group, See Appendix ITR.

3.5.2 MF SS7 trunk groups shall not be provided within a DS1 facility. A separate DS1 facility per signaling type must be used. Where SBC-12STATE and CLEC both provide mass calling trunking, both Parties' mass calling trunks may ride the same DS1 facility.

4. SPNP QUERY SERVICE

4.1 The N-1 carrier (N carrier is the responsible Party for terminating call to the End User) has the responsibility to determine if a query is required, to launch the query, and to route the call to the switch or network in which the telephone number resides.

4.2 If CLEC chooses not to fulfill its N-1 carrier responsibility, SBC-12STATE will perform default queries on calls to telephone numbers with portable NXXs received from the N-1 carrier and route the call to the switch or network in which the telephone number resides. In such event, SBC-12STATE will charge and CLEC agrees to pay the default queries charges set forth in:

4.2.1 SBC MIDWEST REGION 5-STATE - Section 6 of the FCC No. 2 Access Services Tariff

4.2.2 SBC NEVADA - Section 19 of the FCC No. 1 Access Services Tariff

4.2.3 SBC CALIFORNIA – Section 13 of the FCC No. 1 Access Services Tariff

4.2.4 SBC SOUTHWEST REGION 5-STATE – Section 34 of the FCC No. 73 Access Services Tariff.

4.3 SBC-12STATE provides CLECs the optional use of the SBC-12STATE LNP database via the SPNP Query Service-Database. When CLEC orders SPNP Query Service-Database, SBC-12STATE shall charge and CLEC agrees to pay the SPNP Query Service-Database service charges set forth in the appropriate tariff cited in 4.2 above. The CLEC's Signal Transfer Point (STP), tandem, and/or end office's LRN software will determine the need for, and triggers, the query. SBC-12STATE's LNP database will determine if a number has, or has not, been ported and will provide LRN if a number is ported.

4.4 When purchasing the SPNP Query Service - Database, CLEC will access SBC-12STATE s facilities via an SS7 link to the SBC-12STATE STP.

4.5 When purchasing the SLNP Query Service - Database, CLEC will advise SBC-12STATE of the entry point(s) of queries to the SBC-12STATE network and provide a query forecast for each entry point.

EXHIBIT 1

PERMANENT NUMBER PORTABILITY (PNP)
BONA FIDE REQUEST (BFR) PROCESS

The Permanent Number Portability (PNP) Bona Fide Request (BFR) is a process that Competitive Local Exchange Carrier (CLECs) shall use to request that PNP be deployed

in a Metropolitan Statistical Area (MSA) beyond the 100 largest MSAs in the country
and
additional switch(es) in an MSA in which PNP has been deployed.

Per the FCC First Report and Order and Further Notice Of Proposed Rulemaking (July, 1996, ¶80), CLEC can request that PNP be deployed in additional MSAs beginning January 1, 1999. SBC-13STATE is to provide PNP in that MSA in the requested switches within six (6) months of receipt of BFR.

Per the FCC's First Memorandum Opinion And Order On Reconsideration (March 1997, ¶65,66), switches that were not requested to be PNP capable in the initial PNP deployment in the top 100 MSAs can be requested to be made PNP capable. The following time frames begin after an MSA's Phase end date has been reached:

equipped remote switches within 30 days
hardware capable switches within 60 days
capable switches requiring hardware within 180 days
non-capable switches within 180 days

These time frames begin after the receipt of a BFR.

REQUEST FOR INSTALLATION OF PNP SOFTWARE

The request to make one or more switches in an MSA PNP capable shall be made in the form of a letter or the form on pages 3 through 5 of this Attachment from CLEC to its SBC-13STATE Account Manager which shall specify the following:

The MSA in which requested switch(es) are located.

The switch(es), by CLLI code, that are to become PNP capable.

The date when PNP capability is requested with the FCC established time frames being the least amount of time.

The projected quantity of queries that result from this new capability with a demand forecast per tandem or end office with which CLEC interconnects.

An initial response from the SBC-13STATE Account Manager, acknowledging receipt of the BFR and the date when requested switch(es) will be PNP capable, must be made to CLEC within ten (10) business days of receipt of the BFR.

Local Number Portability (LNP)
Bona Fide Request (BFR)

DATE: _____ (date of request)

TO: _____ (name of service provider)
_____ (address of service provider)
_____ (contact name/number)

FROM: _____ (requester/service provider name/ID)
_____ (requester switch(es)/CLLI)
_____ (authorized by name)
_____ (authorized by title)
_____ (contact name/address/number)

Affidavit attesting requester as authorized agent should accompany request.

SWITCH(ES):

CLLI[1]	Rate Center Name[2]	Rate Center VC/HC[2]	NPA-NXX(s)[3]
_____	_____	_____	All: Y or N
_____	_____	_____	All: Y or N
_____	_____	_____	All: Y or N
_____	_____	_____	All: Y or N
_____	_____	_____	All: Y or N

DATES: Requested date switch(es) should be LNP capable: _____ (mm/dd/yy)
Requested code opening date[4]: _____ (mm/dd/yy)

Notes: See following page.

Acknowledgment of BFR is to be sent to the requester within ten business days.

Notes: [1] List each switch targeted for LNP by its specific CLLI code.
[2] Enter associated Rate Center information from LERG, including: Rate Center Name and Associated V&H Terminating Point Master Coordinates; Source of the LERG information: Destination Code Record (DRD) Screen.
[3] Circle or highlight Y if requesting all eligible NPA-NXX codes in that specific switch to be opened. Circle or highlight N if only certain NPA NXX codes are being requested, then provide list of desired NPA NXX(s).

Note: Targeting of specific NPA-NXX codes should be carefully considered. A traditional ILEC may serve a single rate center with multiple switches (CLLIs and NXX codes) while CLEC may serve multiple rate centers with a single switch. In the latter case, use of a specific NXX code will determine the rate center.

[4] As documented in the Southwest Region Code Opening Process.

Acknowledgment of LNP Bona Fide Request (BFR)

DATE: _____ (date of response)

TO: _____ (requester/CLEC name/ID)
_____ (contact name/address/number)
_____ (requester switch(es)/CLLI)

FROM: _____ (name of service provider)
_____ (address of provider)
_____ (contact name/number)

_____

Switch request(s) accepted:

CLLI Accepted	LNP Effective Date	or	*Modified Effective Date*	Ineligible NPA-NXXs
_____(CLLI 1)	_____		_____	_____
_____(CLLI 2)	_____		_____	_____
_____(CLLI 3)	_____		_____	_____
_____(CLLI 4)	_____		_____	_____

_____

Switch request(s) denied/reason for denial:

_____(CLLI 1): _____
_____
_____(CLLI 2): _____
_____
_____(CLLI 3): _____
_____

Authorized company representative signature/title: _____

____

_____

APPENDIX NIM
(NETWORK INTERCONNECTION METHODS)

TABLE OF CONTENTS

1. INTRODUCTION....3
2. NETWORK INTERCONNECTION ARCHITECTURE PLAN....5
3. METHODS OF INTERCONNECTION....6
4. RESPONSIBILITIES OF THE PARTIES....7
5. LEASING OF FACILITIES....8
6. OUT OF EXCHANGE TRAFFIC....8

APPENDIX NIM
(NETWORK INTERCONNECTION METHODS)

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions that Network Interconnection Methods (NIM) is provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and CLEC. This Appendix describes the physical architecture for Interconnection of the Parties' facilities and equipment for the transmission and routing of Telephone Exchange Service traffic and Exchange Access traffic between the respective Customers of the Parties pursuant to Section 251(c)(2) of the Act; provided, however, Interconnection may not be used solely for the purpose of originating a Party's own interexchange traffic.

1.2 SBC Communications Inc. (SBC) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.3 SBC-2STATE - As used herein, SBC-2STATE means SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in California and Nevada.

1.4 SBC-4STATE - As used herein, SBC-4STATE means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, and SBC Oklahoma the applicable SBC-owned ILEC(s) doing business in Arkansas, Kansas, Missouri and Oklahoma.

1.5 SBC-7STATE - As used herein, SBC-7STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.6 SBC-8STATE - As used herein, SBC-8STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA, SBC NEVADA, and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.7 SBC-10STATE - As used herein, SBC-10STATE means SBC SOUTHWEST REGION 5-STATE and SBC MIDWEST REGION 5-STATE an the applicable SBC-owned ILEC(s) doing business in Arkansas, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Texas, and Wisconsin.

1.8 SBC-12STATE - As used herein, SBC-12STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE and SBC-2STATE the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.9 SBC-13STATE - As used herein, SBC-13STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE, SBC-2STATE and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.10 SBC ARKANSAS - As used herein, SBC ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, the applicable SBC-owned ILEC doing business in Arkansas.

1.11 SBC CALIFORNIA – As used herein, SBC CALIFORNIA means Pacific Bell Telephone Company d/b/a SBC California, the applicable SBC-owned ILEC doing business in California.

1.12 SBC CONNECTICUT - As used herein, SBC CONNECTICUT means The Southern New England Telephone Company, the applicable above listed ILEC doing business in Connecticut.

1.13 SBC KANSAS - As used herein, SBC KANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Kansas, the applicable SBC-owned ILEC doing business in Kansas.

1.14 SBC ILLINOIS - As used herein, SBC ILLINOIS means Illinois Bell Telephone Company d/b/a SBC Illinois, the applicable SBC-owned ILEC doing business in Illinois.

1.15 SBC INDIANA - As used herein, SBC INDIANA means Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, the applicable SBC-owned ILEC doing business in Indiana.

1.16 SBC MICHIGAN - As used herein, SBC MICHIGAN means Michigan Bell Telephone Company d/b/a SBC Michigan, the applicable SBC-owned doing business in Michigan.

1.17 SBC MIDWEST REGION 5-STATE - As used herein, SBC MIDWEST REGION 5-STATE means Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.18 SBC MISSOURI - As used herein, SBC MISSOURI means Southwestern Bell Telephone, L.P. d/b/a SBC Missouri, the applicable SBC-owned ILEC doing business in Missouri.

1.19 SBC NEVADA - As used herein, SBC NEVADA means Nevada Bell Telephone Company d/b/a SBC Nevada, the applicable SBC-owned ILEC doing business in Nevada.

1.20 SBC OHIO - As used herein, SBC OHIO means The Ohio Bell Telephone Company d/b/a SBC Ohio, the applicable SBC-owned ILEC doing business in Ohio.

1.21 SBC OKLAHOMA - As used herein, SBC OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a SBC Oklahoma, the applicable SBC-owned ILEC doing business in Oklahoma.

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

1.23 SBC TEXAS - As used herein, SBC TEXAS means Southwestern Bell Telephone, L.P. d/b/a SBC Texas, the applicable SBC-owned ILEC doing business in Texas.

1.24 SBC WISCONSIN - As used herein, SBC WISCONSIN means Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC doing business in Wisconsin.

1.25 Network Interconnection Methods (NIMs) include, but are not limited to, Physical Collocation Interconnection; Virtual Collocation Interconnection; Leased Facilities Interconnection; Fiber Meet Interconnection; and other methods as mutually agreed to by the Parties. One or more of these methods may be used to effect the Interconnection.

1.25.1 Trunking requirements associated with Interconnection are contained in Appendix ITR.

1.25.2 The terms and conditions associated with access to Lawful Unbundled Network Elements (Lawful UNEs) are not found in Appendix NIM, but are contained in Appendix Lawful UNEs. SBC CONNECTICUT Unbundled Network Elements are offered via the Connecticut Access Tariff.

1.26 SBC-13STATE shall provide Interconnection for CLEC's facilities and equipment for the transmission and routing of telephone exchange service and exchange access, at a level of quality that is equal to that which SBC-13STATE provides itself, a subsidiary, an affiliate, or any other party to which SBC-13STATE provides Interconnection and on rates, terms and conditions that are just, reasonable and non-discriminatory.

1.27 The Parties shall effect an Interconnection that is efficient, fair and equitable with each party being financially responsible for approximately half of the Interconnection facilities or in any other manner that is mutually agreeable to the Parties.

2. NETWORK INTERCONNECTION ARCHITECTURE PLAN

2.1 SBC-13STATE's network is partly comprised of End Office switches, Tandem switches that serve local only traffic (SBC SOUTHWEST REGION 5-STATE), Tandem switches that serve IntraLATA and InterLATA traffic, and Tandem switches that serve a combination of local, IntraLATA and InterLATA traffic. SBC-13STATE's network architecture in any given local exchange area and/or LATA can vary markedly from another local exchange area/LATA. Using one or more of the NIMs herein, the Parties will agree to a physical architecture plan for a specific Interconnection area. Due to differing state regulatory calling scope requirements, SBC SOUTHWEST REGION 5-STATE requires Interconnection in each local exchange area, while SBC CONNECTICUT, SBC CALIFORNIA, SBC NEVADA and SBC MIDWEST REGION 5-STATE require Interconnection at all Tandems in a LATA. CLEC and SBC-13STATE agree to Interconnect their networks through existing and/or new Interconnection facilities between CLEC switch(es) and SBC-13STATE End Office(s) and/or Tandem switch(es). The physical architecture plan will, at a minimum, include the location of CLEC's switch(es) and SBC-13STATE's End Office switch(es) and/or Tandem switch(es) to be interconnected, the facilities that will connect the two networks and which Party will provide (be financially responsible for) the Interconnection facilities. At the time of implementation in a given local exchange area the plan will be documented and signed by appropriate representatives of the Parties, indicating their mutual agreement to the physical architecture plan.

2.2 Points of Interconnection (POIs): A Point of Interconnection (POI) is a point in the network where the Parties deliver Interconnection traffic to each other, and also serves as a demarcation point between the facilities that each Party is responsible to provide. In many cases, multiple POI(s) will be necessary to balance the facilities investment and provide the best technical implementation of Interconnection requirements to each Tandem within an exchange area and/or LATA. Both parties shall negotiate the architecture in each location that will seek to mutually minimize and equalize investment.

2.3 The Parties agree to meet as often as necessary to negotiate the selection of new POIs. The overall goal of POI selection will be to achieve a balance in the provision of facilities that is fair to both Parties. Criteria to be used in determining POIs for each geography (LATA, tandem area, etc.) include existing facility capacity, location of existing POIs, traffic volumes, relative costs, future capacity needs, etc. Agreement to the location of POIs is based on the network architecture existing at the time the POI(s) is/are negotiated. In the event either Party makes subsequent changes to its network architecture, including but not limited to trunking changes or adding new switches, then the Parties will negotiate new POIs. The mutually agreed to POIs will be documented and distributed to both Parties.

2.4 Each Party is responsible for the facilities to its side of the negotiated POI(s) and may utilize any method of Interconnection described in this Appendix. Each Party is responsible for the appropriate sizing, operation, and maintenance of the transport facility to the POI(s). The parties agree to provide sufficient facilities for the Interconnection trunk groups required for the exchange of traffic between CLEC and SBC-13STATE.

2.5 Either Party, must provide thirty (30) days written notice of any intent to change to the physical architecture plan.

2.6 CLEC is solely responsible for the facilities that carry OS/DA, 911, mass calling and Meet-Point trunk groups as specified in Appendix ITR.

2.7 If CLEC has established Collocation in an SBC-13STATE End Office, the facility for the Direct End Office Trunks (DEOTS) to that End Office shall be the financial responsibility of CLEC.

2.8 Technical Interfaces

2.8.1 The Interconnection facilities provided by each Party shall be formatted using either Alternate Mark Inversion (AMI) line code with Superframe format framing or Bipolar 8 Zero Signaling (B8ZS) with Extended Superframe format framing or any mutually agreeable line coding and framing.

2.8.2 Electrical handoffs at the POI(s) will be at the DS1 or DS3 level. When a DS3 handoff is agreed to by the Parties, SBC-13STATE will provide any multiplexing required for DS1 facilities or trunking at their end and CLEC will provide any DS1 multiplexing required for facilities or trunking at their end.

2.8.3 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 Interconnection

3.1.1 When CLEC provides their own facilities or uses the facilities of a 3rd party to a SBC-13STATE Tandem or End Office and wishes to place their own transport terminating equipment at that location, CLEC may Interconnect using the provisions of Physical Collocation as set forth in Appendix Physical Collocation or applicable state tariff.

3.2 Virtual Collocation Interconnection

3.2.1 When CLEC provides their own facilities or uses the facilities of a 3rd party to a SBC-13STATE Tandem or End Office and wishes for SBC-13STATE to place transport terminating equipment at that location on the CLEC's behalf, they may Interconnect using the provisions of Virtual Collocation as set forth in Appendix Virtual Collocation or applicable state tariff. Virtual Collocation allows CLEC to choose the equipment vendor and does not require that CLEC be Physically Collocated.

3.3 Leased Facility Interconnection ("LFI")

3.3.1 Where facilities are available, CLEC may lease facilities from SBC-13STATE as defined in Section 5 of this Appendix.

3.4 Fiber Meet Interconnection

3.4.1 Fiber Meet Interconnection between SBC-13STATE and CLEC can occur at any mutually agreeable and technically feasible point between CLEC's premises and an SBC-13STATE Tandem or End Office within each local exchange area (SBC SOUTHWEST REGION 5-STATE) or LATA (SBC MIDWEST REGION 5-STATE, SBC CONNECTICUT, SBC CALIFORNIA and SBC NEVADA).

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

3.4.3 Neither Party will be allowed to access the Data Communications Channel ("DCC") of the other Party's Fiber Optic Terminal (FOT). The Fiber Meet will be designed so that each Party may, as far as is technically feasible, independently select the transmission, multiplexing, and fiber terminating equipment to be used on its side of the POI(s). The Parties will work cooperatively to achieve equipment and vendor compatibility of the FOT equipment.

3.4.4 Requirements for such Interconnection specifications will be defined in joint engineering planning sessions between the Parties. The Parties may share the investment of the fiber as mutually agreed.

3.4.5 In addition to the semi-annual trunk forecast process, discussed in Appendix ITR, discussions to provide relief to existing facilities can be initiated by either party. Actual system augmentations will be initiated only upon mutual agreement. Facilities will be planned for to accommodate the verified and mutually agreed upon trunk forecast.

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

3.4.7 There are two basic Fiber Meet design options. The option selected must be mutually agreeable to both Parties. Additional arrangements may be mutually developed and agreed to by the Parties pursuant to the requirements of this section.

3.4.7.1 Design One: CLEC will provide fiber cable to the last entrance (or SBC-13STATE designated) manhole at the SBC-13STATE Tandem or End Office switch. SBC-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 SBC-13STATE to pull through the SBC-13STATE cable vault. CLEC shall deliver and

maintain such strands wholly at its own expense up to the POI. SBC-13STATE shall take the fiber from the manhole and terminate it inside SBC-13STATE's office at the cable vault at SBC-13STATE's expense. In this case the POI shall be at the SBC-13STATE designated manhole location.

3.4.7.2 Design Two: Both CLEC and SBC-13STATE each provide two fibers between their locations to terminate at each parties' FOT This design may only be considered where existing fibers are available and there is a mutual benefit to both Parties. SBC-13STATE will provide the fibers associated with the working side of the system. CLEC will provide the fibers associated with the protection side of the system. The Parties will work cooperatively to terminate each other's fiber in order to provision this joint point-to-point linear chain SONET system. Both Parties will work cooperatively to determine the appropriate technical handoff for purposes of demarcation and fault isolation. The POI will be defined as being at the SBC-13STATE location.

3.4.8 CLEC location includes FOTs, multiplexing and fiber required to terminate the optical signal provided from SBC-13STATE. This location is CLEC's responsibility to provision and maintain.

3.4.9 The SBC-13STATE location includes all SBC-13STATE FOT, multiplexing and fiber required to terminate the optical signal provided from CLEC. This location is SBC-13STATE's responsibility to provision and maintain.

3.4.10 SBC-13STATE and CLEC shall, solely at their own expense, procure, install, and maintain the agreed-upon FOT equipment in each of their locations where the Parties established a Fiber Meet in capacity sufficient to provision and maintain all trunk groups prescribed by Appendix ITR for the purposes of Interconnection.

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

3.4.12 CLEC and SBC-13STATE will mutually agree on the capacity of the FOT(s) to be utilized based on equivalent DS1s or DS3s. Each Party will also agree upon the optical frequency and wavelength necessary to implement the Interconnection. The Parties will develop and agree upon methods for the capacity planning and management for these facilities, terms and conditions for over provisioning facilities, and the necessary processes to implement facilities as indicated in section 4 of this document.

3.5 Other Interconnection Methods

3.5.1 Other Interconnection methods that are technically feasible may be mutually agreed to by the Parties.

4. RESPONSIBILITIES OF THE PARTIES

4.1 For each local Interconnection within an SBC-13STATE area, CLEC shall provide written notice to SBC-13STATE of the need to establish Interconnection in each local exchange area (SBC SOUTHWEST REGION 5-STATE) or LATA (SBC CALIFORNIA, SBC NEVADA, SBC CONNECTICUT and SBC MIDWEST REGION 5-STATE).CLEC shall provide all applicable network information on forms acceptable to SBC-13STATE (as set forth in SBC's CLEC Handbook, published on the CLEC website).

4.2 Upon receipt of CLEC's notice to interconnect, the Parties shall schedule a meeting to negotiate and mutually agree on the network architecture (including trunking) to be documented as discussed in Section 2.1. The Interconnection activation date for an Interconnect shall be established based on then-existing force and load, the scope and complexity of the requested Interconnection and other relevant factors.

4.3 Either party may add or remove additional switches. The parties shall provide 120 days written notice to establish such Interconnection; and the terms and conditions of this agreement will apply to such Interconnection.

4.4 The Parties recognize that a facility handoff point must be agreed to that establishes the demarcation for maintenance and provisioning responsibilities for each party on their side of the POI.

4.5 Facilities will be planned for in accordance with the trunk forecasts exchanged between the Parties as described in Appendix ITR.

5. LEASING OF FACILITIES

5.1 Should SBC-13STATE wish to voluntarily provide CLEC with Leased ILEC Facilities for the purpose of interconnection, the Parties agree that this voluntary offering is not required under FTA 96 nor under FCC UNE Remand Order 99-238, November 5, 1999, and is made with all rights reserved. The Parties further agree that any such voluntary offering is not subject to TELRIC cost methodologies, and instead will be market priced on an individual case basis. Should SBC-13STATE voluntarily offer Leased Facilities under this section, it (I) will advise the CLEC in writing in advance of the applicable charges for Leased Facilities, and (II) will process the request only if CLEC accepts such charges.

5.1.1 Leased facilities in SBC MIDWEST REGION 5-STATE and SBC CONNECTICUT are obtained from the applicable Access Tariffs.

5.2 Upon CLEC's request, the CLEC will provide a written leased facility request that will specify the A- and Z-ends (CLLI codes, where known), equipment and multiplexing required and provide quantities requested. Requests for leasing of facilities for the purposes of Interconnection and any future augmentations are subject to facility availability at the time of the request. Applicable rates, terms and conditions will be determined at the time of the request.

5.3 Requests by CLEC for leased facilities where facilities, equipment, or riser cable do not exist will be considered and SBC-13STATE may agree to provide facilities under a Bona Fide Request (BFR).

6. OUT OF EXCHANGE TRAFFIC

6.1 Out of Exchange traffic shall be consistent with the Appendix Out of Exchange Traffic attached to this agreement.

APPENDIX INW

TABLE OF CONTENTS

1. INTRODUCTION 3
2. SERVICES 4
3. DEFINITIONS 4
4. RESPONSIBILITIES OF THE PARTIES 5
5. TOLL CENTER CODES 5
6. PRICING 5
7. MONTHLY BILLING 5
8. LIABILITY 6
9. TERMS OF APPENDIX 6

APPENDIX INW
(Inward Assistance Operator Services)

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions for Inward Assistance Operator Services for switched-based CLEC's or CLEC's leasing Lawful unbundled switched ports as provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and CLEC.

1.2 SBC Communications Inc. (SBC) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.3 SBC-2STATE - As used herein, SBC-2STATE means SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in California and Nevada.

1.4 SBC-4STATE - As used herein, SBC-4STATE means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, and SBC Oklahoma the applicable SBC-owned ILEC(s) doing business in Arkansas, Kansas, Missouri and Oklahoma.

1.5 SBC-7STATE - As used herein, SBC-7STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.6 SBC-8STATE - As used herein, SBC-8STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA, SBC NEVADA, and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.7 SBC-10STATE - As used herein, SBC-10STATE means SBC SOUTHWEST REGION 5-STATE and SBC MIDWEST REGION 5-STATE an the applicable SBC-owned ILEC(s) doing business in Arkansas, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Texas, and Wisconsin.

1.8 SBC-12STATE - As used herein, SBC-12STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE and SBC-2STATE the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.9 SBC-13STATE - As used herein, SBC-13STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE, SBC-2STATE and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.10 SBC ARKANSAS - As used herein, SBC ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, the applicable SBC-owned ILEC doing business in Arkansas.

1.11 SBC CALIFORNIA – As used herein, SBC CALIFORNIA means Pacific Bell Telephone Company d/b/a SBC California, the applicable SBC-owned ILEC doing business in California.

1.12 SBC CONNECTICUT - As used herein, SBC CONNECTICUT means The Southern New England Telephone Company d/b/a SBC Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.13 SBC KANSAS - As used herein, SBC KANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Kansas, the applicable SBC-owned ILEC doing business in Kansas.

1.14 SBC ILLINOIS - As used herein, SBC ILLINOIS means Illinois Bell Telephone Company d/b/a SBC Illinois, the applicable SBC-owned ILEC doing business in Illinois.

1.15 SBC INDIANA - As used herein, SBC INDIANA means Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, the applicable SBC-owned ILEC doing business in Indiana.

1.16 SBC MICHIGAN - As used herein, SBC MICHIGAN means Michigan Bell Telephone Company d/b/a SBC Michigan, the applicable SBC-owned doing business in Michigan.

1.17 SBC MIDWEST REGION 5-STATE - As used herein, SBC MIDWEST REGION 5-STATE means Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.18 SBC MISSOURI - As used herein, SBC MISSOURI means Southwestern Bell Telephone, L.P. d/b/a SBC Missouri, the applicable SBC-owned ILEC doing business in Missouri.

1.19 SBC NEVADA - As used herein, SBC NEVADA means Nevada Bell Telephone Company d/b/a SBC Nevada, the applicable SBC-owned ILEC doing business in Nevada.

1.20 SBC OHIO - As used herein, SBC OHIO means The Ohio Bell Telephone Company d/b/a SBC Ohio, the applicable SBC-owned ILEC doing business in Ohio.

1.21 SBC OKLAHOMA - As used herein, SBC OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a SBC Oklahoma, the applicable SBC-owned ILEC doing business in Oklahoma.

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

1.23 SBC TEXAS – As used herein, SBC TEXAS means Southwestern Bell Telephone, L.P. d/b/a SBC Texas, the applicable SBC-owned ILEC doing business in Texas.

1.24 SBC WISCONSIN - As used herein, SBC WISCONSIN means Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC doing business in Wisconsin.

2. SERVICES

2.1 Where technically feasible and/or available, SBC-13STATE Inward Assistance Operator will provide the following assistance or services when reached by an operator dialing the appropriate Toll Center Code in addition to the inward code.

2.1.1 General Assistance on calls where an attempt to connect the call is required by a local operator.

2.1.2 Busy Line Verification (BLV) service and Busy Line Verification/Interrupt (BLV/I) service.

3. DEFINITIONS

3.1 "General Assistance" - A service in which an operator calls the Inward Assistance operator seeking assistance in dialing a number. The assistance could be required, for example, for attempting to dial a number where a 'no ring' condition has been encountered.

3.2 "Busy Line Verification" - A service in which an operator asks the Inward Assistance operator to verify a conversation in progress.

3.3 "Busy Line Verification/ Interrupt" - A service in which an operator asks the Inward Assistance operator to interrupt a conversation in progress, to determine if one of the parties is willing to speak to the caller requesting the interrupt.

3.4 "Toll Center Code" - Refers to a three digit Access Tandem Code (ATC) code that uniquely identifies a tandem switch in the Local Exchange Routing Guide (LERG) designated as providing access to operator services functions. An operator dials the appropriate area code + ATC + OPR SVC CODE to obtain Inward Assistance.

3.5 "Operator Service Code" - Refers to the operator dialable code assigned in the LERG for Inward Assistance.

4. RESPONSIBILITIES OF THE PARTIES

4.1 To the extent that a Party elects, in its sole discretion, to interconnect with the other Party's Operator assistance switches, the Parties' responsibilities are described below:

4.1.1 It is the responsibility of the CLEC to order the necessary facilities to interconnect with SBC-13STATE's Operator assistance switch(es). It is the responsibility of SBC-13STATE to provide the necessary facilities to the CLEC's point of presence in the local exchange area/LATA to interconnect with the CLEC's Operator assistance switches.

4.1.2 The CLEC will initiate an ASR for a one-way trunk group from its designated Operator assistance switch to the SBC-13STATE Operator assistance switch utilizing MF signaling. Likewise, SBC-13STATE will initiate an ASR for a one-way MF signaling trunk group from its Operator assistance switch to the CLEC's designated Operator assistance switch.

4.2 CLEC will furnish request for service in writing to SBC-13STATE, thirty calendar (30) days in advance of the date when the Inward Assistance Operator Services are to be undertaken, unless otherwise agreed to by SBC-13STATE. CLEC or its designated operator services providers shall submit Access Service Requests (ASRs) to SBC-13STATE to establish any new interconnection trunking arrangements.

4.3 The requester of this Inward Assistance Operator Services service agreement must provide one Carrier Identification Code (CIC) for its CLEC or Independent Exchange Carrier business operation and one for its InterExchange Carrier (IXC) business operation if the requesting company wishes to receive billing data in a format that separates the service provided to the two business operations.

5. TOLL CENTER CODES

5.1 Toll Center Codes will be used by the CLEC Operators for routing and connecting to the SBC-13STATE Operator assistance switches. These codes are specific to the various SBC-13STATE LATA's where SBC-13STATE Operator assistance switches are located.

5.2 SBC-13STATE Operator Services will require a Toll Center Code for the CLEC Operator Services assistance switch. This code will be the routing code used for connecting the SBC-13STATE Operator to the CLEC Operator on an Inward basis.

5.3 If the CLEC requires establishment of a new Toll Center Code, CLEC shall do so by referencing the Local Exchange Routing Guide (LERG).

6. PRICING

6.1 SBC-12STATE - Pricing for Inward Assistance Operator Services shall be based on the rates specified in the applicable Appendix Pricing (Operator work seconds) and/or the applicable Commissioned ordered tariff where stated.

7. MONTHLY BILLING

7.1 SBC-13STATE will render monthly billing statements to CLEC, and remittance in full will be due within thirty (30) days of receipt. CLEC will render monthly billing to SBC-13STATE and remittance in full will be due within thirty (30) days of receipt.

8. LIABILITY

8.1 The CLEC agrees to defend and hold harmless SBC-13STATE from any and all losses, damages, or other liability including attorneys fees that the carrier may incur as a result of claims, demands, wrongful death actions, or other suits brought by any party that arise out of the carrier's operator use of Inward Assistance Operator Services on the behalf of the carrier's End Users. The CLEC shall defend against all end user claims just as if the carrier operator had provided such service to its end user directly and shall assert its tariff limitation of liability for benefit of both SBC-13STATE and carrier.

8.2 The CLEC also agrees to release, defend and hold harmless SBC-13STATE from any claim, demand or suit that asserts any infringement or invasion of privacy or confidentiality of any person or persons caused or claimed to be caused, directly, or indirectly, by SBC-13STATE employees and equipment associated with provision of the Inward Assistance Operator Services. This provision includes but is not limited to suits, claims, and demands arising from disclosure of the telephone number, address, or name associated with the telephone called.

9. TERMS OF APPENDIX

9.1 This Appendix will continue in force for the length of the Interconnection Agreement, but no less than twelve (12) months. At the expiration of the term of the Interconnection Agreement to which this Appendix is attached or twelve (12) months, whichever occurs later, either Party may terminate this Appendix upon one hundred-twenty (120) calendar days written notice to the other Party.

9.2 If the CLEC terminates this Appendix prior to the expiration of the term of this Appendix, CLEC shall pay SBC-13STATE, within thirty (30) days of the issuance of any bills by SBC-13STATE, all amounts due for actual services provided under this Appendix, plus estimated monthly charges for the remainder of the term. Estimated charges will be based on an average of the actual monthly amounts billed by SBC-13STATE pursuant to this Appendix prior to its termination.

9.3 The rates applicable for determining the amount(s) under the terms outlined in this Section are those specified in Appendix Pricing.

APPENDIX INW

EXHIBIT I

SERVING AREA

OPERATOR SERVICES PROVIDER LOCATION:

CLEC SWITCH SERVING LOCATIONS:

CITY	NPA-NXX	LATA

ADDITIONAL SHEETS SHOULD BE ADDED AS REQUIRED.

APPENDIX RESALE

TABLE OF CONTENTS

1. INTRODUCTION....3
2. DESCRIPTION AND CHARGES FOR SERVICES....4
3. TERMS AND CONDITIONS OF SERVICE....5
4. ANCILLARY SERVICES....9
5. OS/DA RATE/REFERENCE INFORMATION....11
6. USE OF SBC BRAND....13
7. RESPONSIBILITIES OF SBC-13STATE....13
8. RESPONSIBILITIES OF CLEC....15

APPENDIX RESALE

1. INTRODUCTION

1.1 This Appendix set forth terms and conditions for Resale Services provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and CLEC.

1.2 SBC Communications Inc. (SBC) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.3 SBC-2STATE - As used herein, SBC-2STATE means SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in California and Nevada.

1.4 SBC-4STATE - As used herein, SBC-4STATE means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, and SBC Oklahoma the applicable SBC-owned ILEC(s) doing business in Arkansas, Kansas, Missouri and Oklahoma.

1.5 SBC-7STATE - As used herein, SBC-7STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.6 SBC-8STATE - As used herein, SBC-8STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA, SBC NEVADA and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.7 SBC-10STATE - As used herein, SBC-10STATE means SBC SOUTHWEST REGION 5-STATE and SBC MIDWEST REGION 5-STATE an the applicable SBC-owned ILEC(s) doing business in Arkansas, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Texas, and Wisconsin.

1.8 SBC-12STATE - As used herein, SBC-12STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE and SBC-2STATE the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.9 SBC-13STATE - As used herein, SBC-13STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE, SBC-2STATE and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.10 SBC ARKANSAS - As used herein, SBC ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, the applicable SBC-owned ILEC doing business in Arkansas.

1.11 SBC CALIFORNIA – As used herein, SBC CALIFORNIA means Pacific Bell Telephone Company d/b/a SBC California, the applicable SBC-owned ILEC doing business in California.

1.12 SBC CONNECTICUT - As used herein, SBC CONNECTICUT means The Southern New England Telephone Company d/b/a SBC Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.13 SBC KANSAS - As used herein, SBC KANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Kansas, the applicable SBC-owned ILEC doing business in Kansas.

1.14 SBC ILLINOIS - As used herein, SBC ILLINOIS means Illinois Bell Telephone Company d/b/a SBC Illinois, the applicable SBC-owned ILEC doing business in Illinois.

1.15 SBC INDIANA - As used herein, SBC INDIANA means Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, the applicable SBC-owned ILEC doing business in Indiana.

1.16 SBC MICHIGAN - As used herein, SBC MICHIGAN means Michigan Bell Telephone Company d/b/a SBC Michigan, the applicable SBC-owned doing business in Michigan.

1.17 SBC MIDWEST REGION 5-STATE - As used herein, SBC MIDWEST REGION 5-STATE means Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.18 SBC MISSOURI - As used herein, SBC MISSOURI means Southwestern Bell Telephone, L.P. d/b/a SBC Missouri, the applicable SBC-owned ILEC doing business in Missouri.

1.19 SBC NEVADA - As used herein, SBC NEVADA means Nevada Bell Telephone Company d/b/a SBC Nevada, the applicable SBC-owned ILEC doing business in Nevada.

1.20 SBC OHIO - As used herein, SBC OHIO means The Ohio Bell Telephone Company d/b/a SBC Ohio, the applicable SBC-owned ILEC doing business in Ohio.

1.21 SBC OKLAHOMA - As used herein, SBC OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a SBC Oklahoma, the applicable SBC-owned ILEC doing business in Oklahoma.

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

1.23 SBC TEXAS - As used herein, SBC TEXAS means Southwestern Bell Telephone, L.P. d/b/a SBC Texas, the applicable SBC-owned ILEC doing business in Texas.

1.24 SBC WISCONSIN - As used herein, SBC WISCONSIN means Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC doing business in Wisconsin.

1.25 The prices at which SBC 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 SBC-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 SBC-13STATE at the discount set forth in Appendix Pricing.

2.2.1 This section applies only to SBC KANSAS:

2.2.1.1 CLEC shall select either (1) a uniform rate structure or (2) a three-tier discount structure based on lines, vertical features and toll. The three-tier discount structure will be made available upon written request from CLEC negotiating an interconnection agreement with SBC KANSAS.

2.3 SBC-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 SBC-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 SBC-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 SBC-13STATE to SBC-13STATE's End Users through tariff(s), the rules and regulations associated with SBC-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 SBC-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 SBC-13STATE retail tariff(s) applicable within that state.

3.3 Except where otherwise explicitly permitted in SBC-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 SBC TEXAS:

3.3.1.1 Within the State of Texas, based upon the Texas Commission's arbitration order, SBC 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 SBC-13STATE offers such services (for example, residence service shall not be resold to business End Users).

3.4.1 SBC-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 SBC-13STATE tariffs.

3.4.2 This section applies only to SBC SOUTHWEST REGION 5-STATE: SBC WISCONSIN, SBC OHIO and SBC INDIANA

3.4.2.1 Where available for resale according to associated retail state specific tariffs, CLEC may only resell SBC SOUTHWEST REGION 5-STATE, SBC WISCONSIN, SBC OHIO and SBC 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 SBC SOUTHWEST REGION 5-STATE, SBC WISCONSIN, SBC OHIO and SBC INDIANA tariffs.

3.4.3 This section applies only to SBC CALIFORNIA, SBC CONNECTICUT and SBC ILLINOIS:

3.4.3.1 SBC CALIFORNIA, SBC CONNECTICUT and SBC 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 SBC NEVADA:

3.4.4.1 SBC 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 SBC NEVADA and SBC 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 SBC CALIFORNIA, SBC MIDWEST REGION 5-STATE, SBC CONNECTICUT and SBC 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 SBC KANSAS, SBC TEXAS and SBC 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 SBC-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 SBC-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 SBC-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 SBC-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 SBC-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 SBC-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, SBC-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 SBC-13STATE in writing that the violation has been corrected. SBC-13STATE will bill CLEC a sum equal (i) the charges that would have been billed by SBC-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 SBC-13STATE in writing of the specific details and reasons for its dispute within fourteen (14) calendar days of receipt of the notice from SBC-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 SBC-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 SBC SOUTHWEST REGION 5-STATE:

3.14.1 CLEC may convert current SBC 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 SBC SOUTHWEST REGION 5-STATE and any other reseller of SBC 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 SBC 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 SBC 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 SBC OKLAHOMA and SBC 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 SBC SOUTHWEST REGION 5-STATE or any other local service provider reselling SBC SOUTHWEST REGION 5-STATE local service.

3.14.4.4 If another reseller of SBC 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 SBC SOUTHWEST REGION 5-STATE has no responsibilities in such a situation, and CLEC further agrees that it will not make any Claim against SBC SOUTHWEST REGION 5-STATE in connection with any conversion by another reseller of SBC SOUTHWEST REGION 5-STATE local service of any CLEC End User(s) that has an existing CSP contract.

3.14.5 Responsibilities of SBC SOUTHWEST REGION 5-STATE in connection with Assumptions of CSP Contract Conversions:

3.14.5.1 SBC 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 SBC 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 SBC SOUTHWEST REGION 5-STATE.

3.15 This section applies only to SBC MIDWEST REGION 5-STATE:

3.15.1 SBC 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 SBC ILLINOIS tariffed and Individual Case Basis (ICB) contracts that are assumed receive a wholesale discount of 3.16%.

3.15.2.2 SBC MICHIGAN tariffed and Individual Case Basis (ICB) contracts that are assumed receive a wholesale discount of 3.42%.

3.15.2.3 SBC OHIO, and SBC WISCONSIN tariffed and Individual Case Basis (ICB) contracts may be assumed, but receive no wholesale discount.

3.15.2.4 SBC INDIANA tariffed and Individual Case Basis (ICB) contracts that are assumed will receive an interim wholesale discount of 3.39%. Final wholesale discount will be applied on a going forward basis awaiting the outcome of the pending cost study.

3.15.2.5 SBC 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 SBC MIDWEST REGION 5-STATE retail contract which CLEC had previously assumed, CLEC will be assessed the applicable termination charges remaining unless CLEC elects to simultaneously replace the existing contract with a contract of greater term and/or volume at the same discount CLEC receives for the previously assumed but now terminated contract.

4. ANCILLARY SERVICES

4.1 Where available, SBC-13STATE will afford CLEC's End Users the ability to make 911 calls. In the areas served by SBC-8STATE, CLEC shall be responsible for collecting and remitting all applicable 911 fees and surcharges on a per line basis to the appropriate Public Safety Answering Point (PSAP) or other governmental authority responsible for collection of such fees and surcharges. When requested by SBC-13STATE, CLEC shall provide SBC-13STATE with accurate and complete information regarding CLEC's End User(s) in a format and time frame prescribed by SBC-13STATE for purposes of E911 administration. In the areas served by SBC MIDWEST REGION 5-STATE, any 911 fees or surcharges associated with Resale accounts shall be included by SBC MIDWEST REGION 5-STATE on CLEC's invoice and CLEC agrees to pay Ameritech all such fees and surcharges. SBC MIDWEST REGION 5-STATE shall then be responsible for submitting or retaining such fees and surcharges in accordance with the approriate 911 cost recovery plan applicable to the local jurisdiction.

4.1.1 Should any CLEC End User assert any Claim that relates to access to 911, the limitations of liability set forth in Appendix 911, which is attached to the General Terms and Conditions of the Agreement to which this Appendix is attached, shall govern all Claims that may be asserted against any Party to this Appendix relating to access to 911, whether such assertion is made by the other Party or any Third Party, and such provisions are incorporated herein for all purposes as though set forth herein.

4.2 Subject to SBC-13STATE's practices, as well as the rules and regulations applicable to the provision of White Pages directories, SBC-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 SBC-13STATE practices are subject to change from time to time.

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

4.4 Liability relating to End User Listings

4.4.1 CLEC hereby releases SBC-13STATE from any and all liability for damages due to errors or omissions in CLEC's End User listing information as provided to SBC-13STATE under this Appendix, and/or CLEC's End User listing information as it appears in the White Pages directory, including, but not limited to, special, indirect, consequential, punitive or incidental damages.

4.4.2 In addition to any other indemnity obligations in this Appendix or the Agreement to which this Appendix is attached, CLEC shall indemnify, protect, save harmless and defend SBC-13STATE and SBC-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 SBC-13STATE, and/or against SBC-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, SBC-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 SBC-13STATE for reasonable attorney's fees and other expenses incurred by SBC-13STATE in handling and defending such demand, claim and/or suit.

4.5 Each CLEC subscriber will receive one copy per primary End User listing of SBC-13STATE's White Pages directory in the same manner and at the same time that they are delivered to SBC-13STATE's subscribers.

4.5.1 If CLEC's End User already has a current SBC-13STATE local White Pages directory, SBC-13STATE shall not be required to deliver a directory to that End User until new White Pages directories are published for that End User's location.

4.6 SBC-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 SBC-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 SBC-8STATE approval. In those directories in which SBC-8STATE includes Spanish Customer Guide Pages, this informational page will also be provided in Spanish at CLEC's request, subject to the guidelines set forth above.

4.7 At its request, CLEC may purchase one one-sided "Informational Page" in the informational section of the White Pages directory covering a geographic area where CLEC provides local telecommunications exchange service. Such page shall be no different in style, size, color and format than SBC-8STATE "Informational Page". Sixty (60) calendar days prior to the directory close date, the CLEC shall provide to SBC-8STATE the "Informational Page" in the form of camera-ready copy.

4.8 Subject to any blocking that may be ordered by CLEC for its End Users, to the extent Directory Assistance (DA) services are provided to SBC-13STATE End Users, SBC-13STATE shall provide CLEC's End Users access to SBC-13STATE Directory Assistance services. CLEC shall pay SBC-13STATE the charges attributable to Directory Assistance services utilized by CLEC's End Users.

4.9 Subject to any blocking that may be ordered by CLEC for its End Users', SBC-13STATE will provide access to Operator Services ("OS") to CLEC's End Users to the same extent it provides OS to its own End Users. CLEC shall pay the charges associated with the utilization of OS by CLEC's End Users. Discounts associated with the utilization of OS are set forth in Appendix Pricing.

4.10 SBC-13STATE offers CLEC the opportunity to customize route its End Users' OS/DA calls where technically feasible.

4.11 OS/DA Branding

4.11.1 Where technically feasible and/or available, SBC-13STATE will brand Operator Services (OS) and/or Directory Assistance (DA) in CLEC's name as outlined below:

4.11.2 Call Branding

4.11.2.1 SBC-13STATE will brand OS/DA in CLEC's name based upon the information provided by CLEC and as outlined below:

4.11.3 SBC-13STATE – CLEC will provide written specifications of its company name to be used by SBC-13STATE to create CLEC specific branding announcements for its OS/DA calls in accordance with the process outlined in the Operator Services OS/DA Questionnaire (OSQ).

4.11.4 CLEC name used in branding calls may be subject to Commission regulations and should match the name in which CLEC is doing business.

4.12 Branding Load Charges:

4.12.1 SBC SOUTHWEST REGION 5-STATE – An initial non-recurring charge applies per state, per brand, per Operator assistance switch for the establishment of CLEC specific branding. An additional non-recurring charge applies per state, per brand, per Operator assistance switch for each subsequent change to the branding announcement. In addition, a per call charge applies for every OS/DA call handled by SBC SOUTHWEST REGION 5-STATE on behalf of CLEC when multiple brands are required on a single Operator Services trunk. This charge is set forth in Appendix Pricing under the "OTHER (Resale)" category.

4.12.1.1 SBC MIDWEST REGION 5-STATE – An initial non-recurring charge applies per brand, per Operator Assistance Switch, per trunk group for the establishment of CLEC specific branding. In addition, a per call charge applies for every OS call handled by SBC MIDWEST REGION 5-STATE on behalf of CLEC when such services are provided. An additional non-recurring charge applies per brand, per Operator assistance switch, per trunk group for each subsequent change to the branding announcement.

4.12.1.2 SBC-2STATE – An initial non-recurring charge applies per state, per brand, per Operator assistance switch, for the establishment of CLEC specific branding. An additional non-recurring charge applies per state, per brand, per Operator assistance switch for each subsequent change to the branding announcement.

4.12.1.3 SBC CONNECTICUT – An initial non-recurring charge applies per brand, per load, per Operator assistance switch for the establishment of CLEC specific branding. An additional non-recurring charge applies per brand, per load, per Operator assistance switch for each subsequent change to the branding announcement.

5. OS/DA RATE/REFERENCE INFORMATION

5.1 When an SBC-12STATE Operator receives a rate request from a CLEC End User, where technically feasible and available, SBC-12STATE will quote the applicable OS/DA rates as provided by the CLEC.

5.2 SBC CONNECTICUT - until technically feasible and/or available, when a SBC CONNECTICUT Operator receives a rate request from a CLEC end user, SBC CONNECTICUT will quote the surcharge rate only.

5.3 CLEC will furnish OS/DA Rate and Reference Information in accordance with the process outlined in the Operator Services Questionnaire (OSQ). CLEC will furnish to SBC-13STATE a completed OSQ thirty (30) calendar days in advance of the date when the DA Services are to be undertaken.

5.4 CLEC will inform SBC-12STATE, via the Operator Services Questionnaire (OSQ) of any changes to be made to such Rate/Reference Information fourteen calendar days prior to the effective Rate/Reference change date. CLEC acknowledges that it is responsible to provide SBC-12STATE updated Rate/Reference Information in advance of when the Rate/Reference Information is to become effective.

5.5 An initial non-recurring charge will apply per state, per Operator assistance switch for loading of CLEC's OS Reference/Rater information. An additional non-recurring charge will apply per state, per Operator assistance switch for each subsequent change to either the CLEC's OS Reference or Rater information.

5.6 Payphone Services

5.6.1 CLEC may provide certain local Telecommunications Services to payphone service providers ("PSPs") for PSPs' use in providing payphone service. Local Telecommunications Services which PSPs use in providing payphone service that are provided to PSPs by CLEC by means of reselling SBC-13STATE's services offered pursuant to the appropriate payphone section(s) of SBC-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 SBC-13STATE to compensate PSP customers of CLECs that resell SBC-13STATE's services for certain calls originated from pay telephones. (Implementation of the Pay Telephone Reclassification and Compensation Provisions of the Telecommunications Act of 1996, FCC Docket No. 96-128, Report and Order, para. 86 (1996)). This compensation is referred to in this Agreement as "Payphone Compensation."

5.6.2 The Parties desire that SBC-13STATE satisfy the obligation to pay Payphone Compensation to PSPs that are customers of CLEC by paying the Payphone Compensation to CLEC, who will then forward the Payphone Compensation directly to the PSPs.

5.6.3 SBC-13STATE will pay Payphone Compensation due with respect to Payphone Lines in compliance with the current or any future order of the FCC. SBC-13STATE will pay Payphone Compensation to CLEC only for:

5.6.3.1 IntraLATA subscriber 800 calls for which SBC-13STATE provides the 800 service to the subscriber and carries the call; and

5.6.3.2 IntraLATA calls placed using SBC-13STATE's prepaid calling card platform and carried by SBC-13STATE.

5.6.4 SBC-13STATE will not be required to pay any Payphone Compensation for non-sent paid calls.

5.6.5 SBC-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 SBC-13STATE deems it necessary to investigate a call or calls for possible fraud.

5.6.6 SBC-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. SBC-13STATE will not automatically issue a check to CLEC if the credit for Payphone Compensation exceeds the balance due to SBC-13STATE on the bill.

5.6.7 Nothing in this Appendix entitles CLEC to receive or obligates SBC-13STATE to provide any call detail or other call record for any call that gives rise to Payphone Compensation.

5.6.8 CLEC represents and warrants that the only SBC-13STATE services that CLEC will make available to PSPs as Payphone Lines are the payphone services that SBC-13STATE offers pursuant to the appropriate payphone section(s) of SBC-13STATE's state specific tariff(s) applicable in each state covered by this Appendix.

5.6.9 Except as provided otherwise in this Section 4.9.9, CLEC shall pay the entire amount of the Payphone Compensation due with respect to each Payphone Line to the PSP that is the CLEC's customer for that Payphone Line. CLEC shall make such payment on or before the last business day of the calendar quarter following the calendar quarter during which the call(s) for which Payphone Compensation is due to the PSP were made. If SBC-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 SBC-13STATE.

5.6.10 In addition to any other indemnity obligations in this Appendix or in the Agreement to which this Appendix is attached, CLEC shall indemnify, protect, save harmless and defend SBC-13STATE and SBC-13STATE's officers, employees, agents, representatives and assigns from and against any and all losses, costs, liability, damages and expense (including reasonable attorney's fees) arising out of any demand, claim, suit or judgment by any Third Party, including a PSP, in any way relating to or arising from any of the following:

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

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

5.6.10.3 False representation by CLEC.

5.7 Suspension of Service

5.7.1 CLEC may offer to resell Customer Initiated Suspension and Restoral Service to its End Users at the associated state specific retail tariff rates, terms and conditions for suspension of service at the request of the End User.

5.7.2 SBC-13STATE will offer CLEC local service provider initiated suspension service for CLEC's purposes at the associated SBC-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 SBC MIDWEST REGION 5-STATE. Service specifics may be obtained in state specific CLEC Handbooks.

5.7.2.1 CLEC shall be exclusively responsible for placing valid orders for the suspension and the subsequent disconnection or restoral of service to each of its End Users.

5.7.2.2 Should CLEC suspend service for one of its End Users and fail to submit a subsequent disconnection order within the maximum number of calendar days permitted for a company initiated suspension pursuant to the state specific retail tariff, CLEC shall be charged and shall be responsible for all appropriate monthly service charges for the End User's service from the suspension date through the disconnection date.

5.7.2.3 Should CLEC suspend service for one of its End Users and subsequently issue a restoral order, CLEC shall be charged the state specific tariff rate for the restoral plus all appropriate monthly service charges for the End User's service from the suspension date through the restoral date.

6. USE OF SBC BRAND

6.1 Except where otherwise required by law, CLEC shall not, without SBC-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 SBC-13STATE or its Affiliates, nor shall CLEC state or imply that there is any joint business association or similar arrangement with SBC-13STATE in the provision of Telecommunications Services to CLEC's customers.

7. RESPONSIBILITIES OF SBC-13STATE

7.1 SBC-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. SBC-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 SBC-13STATE-provided interfaces, as outlined in Appendix OSS.

7.2 SBC-13STATE shall implement CLEC service orders within the same time intervals SBC-13STATE uses to implement service orders for similar services for its own End Users.

7.2.1 Methods and procedures for ordering are outlined in the CLEC Handbook, available on-line, as amended by SBC-13STATE in its sole discretion from time to time. All Parties agree to abide by the procedures contained therein.

7.3 CLEC will have the ability to report trouble for its End Users to the appropriate SBC-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 SBC-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 SBC-13STATE's network facilities, including those on End User premises.

7.3.1 Methods and procedures for trouble reporting are outlined in the CLEC Handbook, available on-line, as amended by SBC-13STATE in its sole discretion from time to time. All Parties agree to abide by the procedures contained therein.

7.4 SBC-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 SBC-13STATE the charges specified in Appendix Pricing under the "OTHER (Resale)" category listed as "Electronic Billing Information Data (daily usage) (per message)."

7.5 SBC-13STATE shall make Telecommunications Services that SBC-13STATE provides at retail to subscribers who are not Telecommunications Carriers available for resale consistent with the obligation under Section 251(c)(4)(A) of the Act and other applicable limitations. SBC-13STATE will notify CLEC of any changes in the terms and conditions under which SBC-13STATE offers Telecommunications Services at retail to subscribers who are not Telecommunications Carriers, including but not limited to, the introduction of any new features, functions, services, promotions, grandfathering or the discontinuance of current features or services at the time a tariff filing is transmitted to the appropriate State Commission, or, in situations where a tariff filing is not so transmitted, within sixty (60) calendar days of the expected effective date of such change.

7.5.1 SBC-13STATE currently makes such notification as described in Section 17.2 of the General Terms and Conditions of the Agreement to which this Appendix is attached. Notification of any new service available to CLEC for resale shall advise CLEC of the category in which such new service shall be placed, and the same discount already applicable to CLEC in that category shall apply to the new service.

7.6 CLEC's End User's activation of Call Trace shall be handled by the SBC-13STATE operations centers responsible for handling such requests. SBC-13STATE shall notify CLEC of requests by its End Users to provide call records to the proper authorities. Subsequent communication and resolution of each case involving one of CLEC's End Users (whether that End User is the victim or the suspect) will be coordinated through CLEC.

7.6.1 CLEC acknowledges that for services where reports are provided to law enforcement agencies (for example, Call Trace) only billing number and address information shall be provided. It shall be CLEC's responsibility to provide additional information necessary for any police investigation.

7.6.1.1 In addition to any other indemnity obligations in this Appendix or the Agreement to which this Appendix is attached, CLEC shall indemnify SBC-13STATE against any Claim that insufficient information led to inadequate prosecution.

7.6.2 SBC-13STATE shall handle law enforcement requests consistent with the Law Enforcement Section of the General Terms and Conditions of the Agreement to which this Appendix is attached.

7.7 This section applies only to SBC CALIFORNIA:

7.7.1 Cooperation on Fraud

7.7.1.1 Traffic Alert Referral Service

7.7.1.1.1 Traffic Alert Referral Service ("TARS") is a service that monitors traffic patterns associated with a CLEC's resold lines. On no less than thirty (30) calendar days written notice, CLEC may order SBC CALIFORNIA's TARS. In providing TARS to CLEC, SBC 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 SBC 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 SBC CALIFORNIA with the correct email address. Information will be provided on a per-alert basis and will be priced on a per-alert basis. SBC CALIFORNIA grants to CLEC a non-exclusive right to use the information provided by SBC CALIFORNIA. LEC will not permit anyone but its duly authorized employees or agents to inspect or use this information. CLEC agrees to pay SBC CALIFORNIA a recurring usage rate as set forth in Appendix Pricing in the "OTHER (Resale)" category listed as "Traffic Alert Referral Service."

7.7.1.2 CLEC shall be liable for all fraud associated with any resale service to which it subscribes. SBC CALIFORNIA takes no responsibility, will not investigate, and will make no adjustments to CLEC's account(s) in cases of fraud or any other related End User dispute.

7.7.1.3 In addition to any other indemnity obligations in this Appendix or in the Agreement to which this Appendix is attached, SBC CALIFORNIA shall not be liable for any damages to CLEC or to any other person or entity for SBC CALIFORNIA's actions or the conduct of its employees in providing TARS to CLEC. CLEC shall indemnify, defend, and hold SBC 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 SBC 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 SBC CALIFORNIA or its employees.

7.8 This section applies only to SBC CALIFORNIA:

7.8.1 SBC 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, SBC CALIFORNIA will provide a recorded announcement of the CLEC name and number and SBC CALIFORNIA will automatically transfer the caller to the CLEC designated 800/888 number for repair service. CLEC must provide written notification to SBC CALIFORNIA at least thirty (30) calendar days prior to the implementation of RTS. Written notification must include the CLEC name and 800/888 numbers for RTS to the CLEC repair bureau and business office. There will be no charges associated with the initial set-up for RTS, however, charges will apply to any subsequent changes to the recorded name announcement and telephone number. Rates for subsequent changes are set forth in the Appendix Pricing in the "OTHER (Resale)" category listed as "Repair Transfer Service." Subsequent charges include: Recorded Name Announcement, 800/888 Telephone Number and Name Announcement & Telephone Number.

8. RESPONSIBILITIES OF CLEC

8.1 Prior to submitting an order under this Appendix, CLEC shall obtain End User authorization as required by applicable federal and state laws and regulations, and assumes responsibility for applicable charges as specified in Section 258(b) of the Act. SBC-13STATE shall abide by the same applicable laws and regulations.

8.2 Only an End User can initiate a challenge to a change in its local service provider. If an End User notifies SBC-13STATE or CLEC that the End User requests local exchange service, the Party receiving such request shall be free to provide service to such End User, except in those instances where the End User's account is local PIC protected. It is the responsibility of the End User to provide authorization in a FCC approved format to the current provider of record to remove local service provider protection before any changes in local service provider are processed.

8.2.1 SBC-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 SBC-13STATE upon request and at no charge.

8.2.1.1 The following applies to SBC MICHIGAN only: The Parties will adhere to the requirements adopted by the Commission in its Case No. U-11900 with respect to the selection of primary local exchange carriers and primary interexchange carriers.

8.3 When an End User changes or withdraws authorization, each Party shall release customer-specific facilities in accordance with the End User's direction or the direction of the End User's authorized agent. Further, when an End User abandons its premise, SBC-13STATE is free to reclaim the facilities for use by another customer and is free to issue service orders required to reclaim such facilities.

8.4 Neither Party shall be obligated by this Appendix to investigate any allegations of unauthorized changes in local exchange service (slamming) on behalf of the other Party or a Third Party. If SBC-13STATE, on behalf of CLEC, agrees to investigate an alleged incidence of slamming, SBC-13STATE shall charge CLEC an investigation fee as set forth in Appendix Pricing in the "OTHER (Resale)" category, listed as "Slamming Investigation Fee."

8.5 Should SBC-13STATE receive an order from CLEC for services under this Appendix, and SBC-13STATE is currently providing the same services to another local service provider for the same End User, CLEC agrees that SBC-13STATE may notify the local service provider from whom the End User is being converted of CLEC's order coincident with or following processing CLEC's order. It shall then be the responsibility of the former local service provider of record and CLEC to resolve any issues related to the End User. This Section 8.5 shall not apply to new or additional lines and services purchased by the End User from multiple CLECs or from SBC-13STATE.

8.5.1 If SBC-13STATE receives an order from another local service provider to convert services for an End User for whom CLEC is the current local service provider of record, and if CLEC already subscribes to the Local Disconnect Report ("LDR"), covered in Section 8.5.2, then SBC-13STATE shall notify CLEC of such order coincident with or following processing such order. It shall be the responsibility of CLEC and the other local service provider to resolve any issues related to the End User. This Section 8.5.1 shall not apply to new or additional lines and services purchased by an End User from multiple CLECs or from SBC-13STATE.

8.5.2 On no less than sixty (60) calendar days advance written notice, CLEC may, at its option, subscribe to the LDR. SBC-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 SBC-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 SBC-13STATE may change the per WTN charge, at SBC-13STATE's sole discretion, so long as SBC-13STATE provides CLEC no less than thirty (30) calendar days notice prior to any change in the per WTN charge. SBC-13STATE grants to CLEC a non-exclusive right to use the LDR information provided by SBC-13STATE. CLEC will not permit anyone but its duly authorized employees or agents to inspect or use this information.

8.6 CLEC is solely responsible for the payment of all charges for all services furnished under this Appendix, including but not limited to, calls originated or accepted at CLEC's location and its End Users' service locations; provided, however, CLEC shall not be responsible for payment of charges for any retail services furnished by SBC-13STATE directly to End Users and billed by SBC-13STATE directly to End Users.

8.6.1 Interexchange carried traffic (for example, sent-paid, information services and alternate operator services messages) received by SBC-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 SBC-13STATE.

8.7 SBC-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 SBC-13STATE directly to End Users and billed by SBC-13STATE directly to End Users.

8.7.1 Charges billed to CLEC for all services provided under this Appendix shall be paid by CLEC regardless of CLEC's ability or inability to collect from its End Users for such services.

8.8 If CLEC does not wish to be responsible for payment of charges for collect, third number billed, toll and information services (for example, 900) calls, it must order the appropriate blocking for lines provided under this Appendix and pay any applicable charges. It is the responsibility of CLEC to order the appropriate toll restriction or blocking on lines resold to End Users. CLEC acknowledges that blocking is not available for certain types of calls, including 800, 888, 411 and Directory Assistance Express Call Completion. Depending on the origination point, for example, calls originating from correctional facilities, some calls may bypass blocking systems. CLEC acknowledges all such limitations and accepts all responsibility for any charges associated with calls for which blocking is not available and any charges associated with calls that bypass blocking systems. Charges for Alternatively Billed Calls shall be paid by CLEC at the rated value of the call less the appropriate State discount.

8.9 CLEC shall be responsible for modifying and connecting any of its systems with SBC-13STATE-provided interfaces as described in this Appendix and Appendix OSS.

8.10 CLEC shall be responsible for providing to its End Users and to SBC-13STATE a telephone number or numbers that CLEC's End Users may use to contact CLEC in the event that the End User desires a repair/service call.

8.10.1 In the event that CLEC's End Users contact SBC-13STATE with regard to repair requests, SBC-13STATE shall inform such End Users to call CLEC and may provide CLEC's contact number.

8.11 CLEC acknowledges and agrees that, in the event CLEC makes any "CLEC Change" as that term is defined in Section 4.10 of the General Terms and Conditions of the Agreement to which this Appendix is attached, CLEC shall comply with the provisions set forth in Section 4.10 of the General Terms and Conditions of the Agreement to which this Appendix is attached as though set forth herein.

8.12 CLEC will provide forecasts to SBC-13STATE every January and July using the SBC-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 SBC COMMUNICATION INC.'S STRUCTURE

(POLES, CONDUITS, AND RIGHTS OF WAYS)

TABLE OF CONTENTS

1. INTRODUCTION 3
2. DEFINITIONS 3
3. SCOPE OF APPENDIX 5
4. EFFECTIVE DATE, TERM, AND ELECTIVE TERMINATION 5
5. GENERAL PROVISIONS 6
6. DISCLAIMER OF WARRANTIES 7
7. DISPUTE RESOLUTION 7
8. INDEMNIFICATION 7
9. LIABILITIES AND LIMITATIONS OF LIABILITY 9
10. INSURANCE 10
11. ASSIGNMENT OF RIGHTS 11
12. TERMINATION OF AGREEMENT OR OCCUPANCY PERMITS; REMEDIES FOR BREACHES 12
13. FAILURE TO ENFORCE 13
14. CONFIDENTIALITY OF INFORMATION 13
15. ACCESS TO RIGHTS-OF-WAY 14
16. SPECIFICATIONS 15
17. ACCESS TO RECORDS 15
18. APPLICATIONS AND PRE-OCCUPANCY PERMIT SURVEYS 16
19. POLE, DUCT, AND CONDUIT SPACE ASSIGNMENTS 16
20. ISSUANCE OF OCCUPANCY PERMITS (INCLUDING MAKE-READY WORK) 17
21. CONSTRUCTION OF ATTACHING PARTY'S FACILITIES 18
22. USE AND ROUTINE MAINTENANCE OF ATTACHING PARTY'S FACILITIES 18
23. MODIFICATION OF ATTACHING PARTY'S FACILITIES 19
24. REQUIRED REARRANGEMENTS OF ATTACHING PARTY'S FACILITIES 19
25. EMERGENCY REPAIRS AND POLE REPLACEMENTS 19
26. INSPECTION BY SBC OF ATTACHING PARTY'S FACILITIES 21
27. TAGGING OF FACILITIES AND UNAUTHORIZED ATTACHMENTS 21
28. REMOVAL OF ATTACHING PARTY'S FACILITIES 22
29. RATES, FEES, CHARGES, AND BILLING 23
30. PERFORMANCE AND PAYMENT BONDS 23
31. NOTICES 24

APPENDIX FOR ACCESS TO SBC COMMUNICATION INC.'S STRUCTURE (POLES, CONDUITS, AND RIGHTS OF WAYS)

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions for Rights of Way (ROW), Conduits and Poles provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and CLEC.

1.1.1 SBC Communications Inc. (SBC) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.1.2 SBC-2STATE - As used herein, SBC-2STATE means SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in California and Nevada.

1.1.3 SBC-13STATE - As used herein, SBC-13STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE, SBC-2STATE and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin.

1.1.4 SBC CONNECTICUT - As used herein, SBC CONNECTICUT means The Southern New England Telephone Company d/b/a SBC Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.1.5 SBC MIDWEST REGION 5-STATE - As used herein, SBC MIDWEST REGION 5-STATE means Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio and Wisconsin.

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

2. DEFINITIONS

2.1 Definitions in general. As used in this Appendix, the terms defined in this article shall have the meanings set forth below in Sections 2.1 to 2.14 except as the context otherwise requires.

2.2 Conduit. The term "conduit" refers to tubes or structures, usually underground or on bridges, containing one or more ducts used to enclose cables, wires, and associated transmission equipment. As used in this Appendix, the term "conduit" refers only to conduit structures (including ducts, manholes and handholes) and space within those structures and does not include (a) cables and other telecommunications equipment located within conduit structures or (b) central office vaults, controlled environment vaults, or other SBC-13STATE structures (such as huts and cabinets) which branch off from or are connected to SBC-13STATE's conduit.

2.3 Conduit system. The term "conduit system" refers to any combination of ducts, conduits, manholes, and handholes joined to form an integrated whole. As used in this Appendix, the term "conduit system" does not include (a) cables and other telecommunications equipment located within conduit structures or (b)

central office vaults, controlled environment vaults, or other SBC-13STATE structures (such as huts and cabinets) which branch off from or are connected to SBC-13STATE's conduit.

2.4 Duct. The term "duct" refers to a single enclosed tube, pipe, or channel for enclosing and carrying cables, wires, and other equipment. As used in this Appendix, the term "duct" includes "inner ducts" created by subdividing a duct into smaller channels, but does not include cables and other telecommunications equipment located within such ducts.

2.5 Handhole. The term "handhole" refers to a structure similar in function to a manhole, but which is too small for personnel to enter. As used in this Appendix, the term "handhole" refers only to handholes which are part of SBC-13STATE's conduit system and does not refer to handholes which provide access to buried cables not housed within SBC-13STATE ducts or conduits. As used in this Appendix, the term "handhole" refers only to handhole structures owned or controlled by SBC-13STATE and does not include cables and other telecommunications equipment located within handhole structures.

2.6 Occupancy Permit. The term "occupancy permit" refers to a written instrument confirming that SBC-13STATE has granted the structure access request of Attaching Party or a third party for access to pole, duct, conduit, or right-of-way space.

2.7 Maintenance Duct. The term "maintenance duct" generally refers to a full-sized duct (typically three inches in diameter or larger) for use, on a short-term basis, for maintenance, repair, or emergency restoration activities. The term "maintenance duct" does not include ducts and conduits extending from an SBC-13STATE manhole to customer premises. When only one usable full-sized duct remains in a conduit section, that duct shall be deemed to be the maintenance duct.

2.8 Make-ready work. The term "make-ready work" refers to all work performed or to be performed to prepare SBC-13STATE's poles, ducts, conduits, rights-of-way, and related facilities for the requested occupancy or attachment of Attaching Party's facilities.

2.9 Manhole. The term "manhole" refers to an enclosure, usually below ground level and entered through a hole on the surface, which personnel may enter and use for the purpose of installing, operating, and maintaining facilities in ducts or conduits which are parts of SBC-13STATE's conduit system. As used in this Appendix, the term "manhole" does not include cables and other telecommunications equipment located within manhole structures.

2.10 Other User. The term "Other User" refers to entities, other than the Attaching Party, with facilities on an SBC-13STATE pole, duct, conduit or right-of-way to which the Attaching Party has obtained access. Other Users may include SBC-13STATE, other attaching parties, municipalities or other governmental entities, and electric utilities (which may own interests in SBC-13STATE's poles, ducts, conduits or rights-of-ways).

2.11 Overlashing. The term "Overlashing" refers to the practice of placing an additional cable by lashing such cable with spinning wire over an existing cable and strand.

2.12 Pole. The term "pole" refers to poles (and associated anchors) which are owned or controlled by SBC-13STATE and does not include cables and other telecommunications equipment attached to pole structures.

2.13 Rights-of-way. The term "rights-of-way" refers to SBC-13STATE owned or controlled legal rights to pass over or through property of another party and used by SBC-13STATE for its telecommunications distribution system. For purposes of this Appendix, "rights-of-way" includes property owned by SBC-13STATE and used by SBC-13STATE for its telecommunications distribution facilities. Rights-of-way does not include:

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

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

2.13.3 any space which is owned and controlled by a third-party property owner and occupied by SBC-13STATE with permission from such owner rather than as a matter of legal right.

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

3. SCOPE OF APPENDIX

3.1 This Appendix establishes the rates, terms, conditions, and procedures by which SBC-13STATE shall provide non-discriminatory access to SBC-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 Appendix:

3.1.1 SBC-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 SBC-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 SBC-13STATE; and

3.1.4 ducts, conduits, equipment rooms, and similar spaces located in space leased by SBC-13STATE from third-party property owners for purposes other than to house cables and other equipment in active service as part of SBC-13STATE's network distribution operations.

3.2 No Transfer of Property Rights to Attaching Party. Nothing contained in this Appendix, or any occupancy permit subject to this Appendix, shall create or vest (or be construed as creating or vesting) in either party any right, title, or interest in or to any real or personal property owned by the other.

3.3 No Effect on SBC-13STATE's Right to Abandon, Convey or Transfer Structure. Nothing contained in this Appendix, or any occupancy permit subject to this Appendix, shall in any way affect SBC-13STATE's right to abandon, convey, or transfer to any other person or entity SBC-13STATE's interest in any of SBC-13STATE's Structure. SBC-13STATE shall give Attaching Party at least 60 days written notice prior to abandoning, conveying, or transferring any Structure to which Attaching Party has already attached its facilities, or any Structure on which Attaching Party has already been assigned space. The notice shall identify the transferee, if any, to whom any such pole, duct, conduit, or right-of-way is to be conveyed or transferred.

4. EFFECTIVE DATE, TERM, AND ELECTIVE TERMINATION

4.1 Effective Date. This Appendix shall be effective as of the _____ day of _____, 2004, or, if this Appendix has been entered into as an appendix, attachment, or exhibit to an interconnection Appendix between the parties, the date of approval by the State Commission of the interconnection Appendix, whichever date first occurs.

4.2 Initial Term. Unless sooner terminated as herein provided, the initial term of this Appendix shall run from the effective date until the end of the calendar year which includes the effective date. In the event this Appendix is entered into as a part of an Interconnection Appendix, this Appendix shall terminate upon the termination of the Interconnection Appendix of which this is apart.

4.3 Automatic Renewal. Unless sooner terminated as herein provided, this Appendix shall be automatically renewed for successive one-year terms beginning on the first day of each calendar year after the effective date, or in the same fashion as the Interconnection Appendix renews, if a part of the Interconnection Appendix.

4.4 Elective Termination. Either party may terminate this Appendix by giving the other party at least six months prior written notice as provided in this section. The notice of termination shall state the effective date of termination, which date shall be no earlier than the last to occur of the following dates: the last day of the current term of this Appendix or six months after the date the notice is given.

4.5 Elective Termination by SBC-13STATE. Attaching Party shall, within 60 days after the effective date of the elective termination by SBC-13STATE, either initiate negotiations for continued access to SBC-13STATE's

poles, ducts, conduits, and rights-of-way or remove its facilities in accordance with the provisions of Section 28 of this Appendix.

4.6 Effect of Elective Termination. Elective termination of this Appendix by Attaching Party, as permitted under Section 4 of this Appendix, shall not affect Attaching Party's liabilities and obligations incurred under this Appendix prior to the effective date of termination and shall not entitle Attaching Party to the refund of any advance payment made to SBC-13STATE under this Appendix. Elective termination of this Appendix by SBC-13STATE shall not affect SBC-13STATE's obligations to afford access to SBC-13STATE's poles, ducts, conduits, and rights-of-way owned or controlled by SBC-13STATE as required by the Pole Attachment Act, the Telecommunications Act of 1996, and other applicable laws, regulations, and commission orders.

5. GENERAL PROVISIONS

5.1 Entire Appendix. This Appendix, together with the interconnection Appendix, if any, of which this Appendix is a part, and the Guidelines for Access to SBC-13STATE Structure, attached hereto and incorporated herein by reference, sets forth the entire understanding and Appendix of the parties.

5.2 Prior Agreements Superseded. This Appendix supersedes all prior Agreements and understandings, whether written or oral, between Attaching Party and SBC-13STATE relating to the placement and maintenance of Attaching Party's facilities on and within SBC-13STATE's poles, ducts, and conduits within this State.

5.3 Amendments Shall Be in Writing. Except as otherwise specifically provided to the contrary by other provisions of this Appendix, the terms and conditions of this Appendix shall not be amended, changed or altered except in writing and with approval by authorized representatives of both parties.

5.4 Survival of Obligations. Any liabilities or obligations of either party for acts or omissions prior to the termination of this Appendix, any obligations of either party under provisions of this Appendix relating to confidential and proprietary information, indemnification, limitations of liability, and any other provisions of this Appendix which, by their terms, are contemplated to survive (or be performed after) termination of this Appendix, will survive the termination of this Appendix.

5.5 Multiple Counterparts. This Appendix may be executed in multiple counterparts.

5.6 Effect on Licenses or Occupancy Permits Issued Under Prior Agreements. All currently effective pole attachment and conduit occupancy permits granted to Attaching Party shall, on the effective date of this Appendix, be subject to the rates, terms, conditions, and procedures set forth in this Appendix.

5.7 Force Majeure. Except as otherwise specifically provided in this Appendix, neither party will be liable for any delay or failure in performance of any part of this Appendix caused by a Force Majeure condition, including acts of the United States of America or any state, territory, or political subdivision thereof, acts of God or a public enemy, fires, floods, disputes, freight embargoes, earthquakes, volcanic actions, wars, civil disturbances, cable cuts, or other causes beyond the reasonable control of the party claiming excusable delay or other failure to perform; provided, however, that Force Majeure will not include acts of any governmental authority relating to environmental, health, or safety conditions at work locations. If any Force Majeure condition occurs, the party whose performance fails or is delayed because of such Force Majeure condition will give prompt notice to the other party, and, upon cessation of such Force Majeure condition, will give like notice and commence performance hereunder as promptly as reasonably practicable.

5.8 Severability. If any article, section, subsection, or other provision or portion of this Appendix is or becomes invalid under any applicable statute or rule of law, and such invalidity does not materially alter the essence of this Appendix as to either party, the invalidity of such provision shall not render this entire Appendix unenforceable and this Appendix shall be administered as if it did not contain the invalid provision.

5.9 Choice of Law. Except to the extent that federal law controls any aspect of this Appendix, the validity of this Appendix, the construction and enforcement of its terms, and the interpretation of the rights and duties of

the parties will be governed by the laws of this State, applied without regard to the provisions of this State's laws relating to conflicts-of-laws.

5.10 Changes in the Law. The parties agree to negotiate in good faith changes to this Appendix to conform to changes applicable law pertaining to access to poles, ducts, conduits and rights-of-way, including the Pole Attachment Act.

5.11 The parties shall at all times observe and comply with, and the provisions of this Appendix are subject to, all applicable federal, state, and local laws, ordinances, and regulations which in any manner affect the rights and obligations of the parties.

6. DISCLAIMER OF WARRANTIES

6.1 SBC-13STATE MAKES NO REPRESENTATIONS AND DISCLAIMS ANY WARRANTIES, EXPRESSED OR IMPLIED, THAT SBC-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 SBC-13STATE'S POLES, DUCTS, CONDUITS AND RIGHTS-OF-WAY FOR THE ATTACHING PARTY'S INTENDED USE.

7. DISPUTE RESOLUTION

7.1 In the event that this Appendix is a part of an Interconnect Agreement between the parties, the dispute resolution provisions of the Interconnection Agreement shall apply to disputes under this Appendix.

8. INDEMNIFICATION

8.1 Definitions. The term "Claims" as used in Section 8 shall mean any suit, claim, demand, loss, damage, liability, fee, fine, penalty, or expense, of every kind and character.

8.2 Indemnities Excluded. Except as otherwise specifically provided in this article, neither party (as an "indemnifying party") shall be required to indemnify or defend the other party (as an "indemnified party") against, or hold the indemnified party harmless from, any Claims arising out of:

8.2.1 any breach by the indemnified party of any provision of this Appendix or any breach by the indemnified party of the parties' interconnection Appendix, if any;

8.2.2 the violation of any law by any employee of the indemnified party or other person acting on the indemnified party's behalf;

8.2.3 willful or intentional misconduct or gross negligence committed by any employee of the indemnified party or by any other person acting on the indemnified party's behalf; or

8.2.4 any negligent act or acts committed by any employee of the indemnified party or other person acting on the indemnified party's behalf, if such negligent act or acts are the sole producing cause of the injury, loss, or damage giving rise to the Claim for which indemnity is requested.

8.3 Workplace Injuries. Except as expressly provided in this Appendix to the contrary, each party shall indemnify, on request defend, and hold the other party harmless from any and all Claims, on account of or in connection with any injury, loss, or damage suffered by any person, which arises out of or in connection with the personal injury or death of any employee of the indemnifying party (or other person acting on the indemnifying party's behalf) if such injury or death results, in whole or in part, from any occurrence or condition on, within, or in the vicinity of SBC-13STATE's Structure.

8.4 Other Claims Brought Against Either Party by Employees and Other Persons Acting on the Other Party's Behalf. Each party shall indemnify, on request defend, and hold the other party harmless from any and all Claims (other than workplace injury claims subject to Section 8.3 above) made, brought, or sought against the indemnified party by any employee, contractor, or subcontractor of the indemnifying party or by any other person acting on the indemnifying party's behalf.

8.5 THE INDEMNIFYING PARTY'S INDEMNIFICATION OBLIGATIONS UNDER SECTIONS 8.3-8.4 SHALL ARISE EVEN IF THE INJURY, SICKNESS, DISEASE, OR DEATH WAS ATTRIBUTABLE IN PART TO NEGLIGENT ACTS OR OMISSIONS OF THE INDEMNIFIED PARTY.

8.6 Claims Brought Against Either Party by Vendors, Suppliers and Customers of the Other Party. Each party shall indemnify, on request defend, and hold the other party harmless from any and all Claims (other than workplace injury claims subject to Section 8.3, or other claims subject to Section 8.4) made, brought, or sought against the indemnified party by any vendor, supplier, or customer of the indemnifying party.

8.7 Injuries to Third Parties and Third party Property Owners Resulting from the Parties' Conduct. Each party shall indemnify, on request defend, and hold the other party harmless from any and all Claims, on account of or in connection with the personal injury or death of any third party or physical damage to real or personal property owned by a third party, arising, in whole or in part, out of or in connection with the conduct of employees of the indemnifying party or other persons acting on the indemnifying party's behalf.

8.8 Indemnification for Environmental Claims.

8.8.1 Each party shall indemnify, on request defend, and hold the other party harmless from any and all Claims, on account of or in connection with any death of person or injury, loss, or damage to any person or property, or to the environment, arising out of or in connection with the violation or breach, by any employee of the indemnifying party or other person acting on the indemnifying party's behalf, of

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

8.8.1.2 any provision or requirement of this Appendix dealing with hazardous substances or protection of the environment.

8.8.2 Each party shall indemnify, on request defend, and hold the other party harmless from any and all Claims, on account of or in connection with any death of person or injury, loss, or damage to any person or property, or to the environment, arising out of or in connection with the release or discharge, onto any public or private property, of any hazardous substances, regardless of the source of such hazardous substances, by any employee of the indemnifying party, or by any person acting on the indemnifying party's behalf, while present on, within, or in the vicinity of any SBC-13STATE pole, duct, conduit, or right-of-way.

8.8.3 Each party shall indemnify, on request defend, and hold the other party harmless from any and all Claims, on account of or in connection with any death of person or injury, loss, or damage to any person or property, or to the environment, arising out of or in connection with the removal or disposal of any hazardous substances by the indemnifying party or by any person acting on the indemnifying party's behalf, or arising out of or in connection with the subsequent storage, processing or other handling of such hazardous substances by any person or entity after they have been removed by the indemnifying party or persons acting on the indemnifying party's behalf from the site of any SBC-13STATE pole, duct, conduit, or right-of-way.

8.8.4 Except as otherwise specifically provided in this section, neither party shall be required to indemnify or defend the other party against, or hold the other party harmless from any Claims for which the other party may be liable under any federal, state, or local environmental statute, rule, regulation, ordinance, or other law.

8.9 Miscellaneous Claims. Attaching Party shall indemnify, on request defend, and hold SBC-13STATE harmless from any and all Claims, of every kind and character, made, brought, or sought against SBC-13STATE by any person or entity, arising out of or in connection with the subject matter of this Appendix and based on either:

8.9.1 Claims for taxes, municipal fees, franchise fees, right-to-use fees, and other special charges assessed on SBC-13STATE due to the placement or presence of Attaching Party's facilities on or within SBC-13STATE's poles, ducts, conduits, or rights-of-way; or

8.9.2 Claims based on the violation by Attaching Party of any third party's intellectual property rights, including but not limited to claims for copyright infringement, patent infringement, or unauthorized use or transmission of television or radio broadcast programs or other program material.

8.10 Attaching Party's General Indemnity Obligations to SBC-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 SBC-13STATE pursuant to this Appendix or other provisions in the parties' interconnection Appendix, if any. Except as otherwise expressly provided in this Appendix to the contrary, and subject to the exclusions set forth in Section 8.2, Attaching Party shall indemnify, on request defend, and hold SBC-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 SBC-13STATE's poles, ducts, conduits, or rights-of-way, Attaching Party's performance of any acts authorized under this Appendix, or the presence or activities of Attaching Party's employees or other personnel acting on Attaching Party's behalf on, within, or in the vicinity of SBC-13STATE's poles, ducts, conduits, or rights-of-way.

8.11 SBC-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 SBC-13STATE's enforcement of its rights against Attaching Party pursuant to this Appendix or other provisions in the parties' interconnection Agreement, if any. Except as otherwise expressly provided in this Appendix to the contrary, SBC-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 SBC-13STATE's access to or use of SBC-13STATE's poles, ducts, conduits, or rights-of-way, SBC-13STATE's performance of any acts authorized under this Appendix, or the presence or activities of SBC-13STATE's employees or other personnel acting on SBC-13STATE's behalf on, within, or in the vicinity of SBC-13STATE's poles, ducts, conduits, or rights-of-way.

9. LIABILITIES AND LIMITATIONS OF LIABILITY

9.1 EXCLUSION OF LIABILITY FOR SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES. NEITHER PARTY SHALL BE LIABLE TO THE OTHER PARTY FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL, OR PUNITIVE DAMAGES, INCLUDING BUT NOT LIMITED TO LOSS OF ANTICIPATED PROFITS OR REVENUE OR OTHER ECONOMIC LOSS IN CONNECTION WITH OR ARISING FROM ANY ACT OR FAILURE TO ACT PURSUANT TO THIS AGREEMENT, EVEN IF THE OTHER PARTY HAS ADVISED SUCH PARTY OF THE POSSIBILITY OF SUCH DAMAGES. THIS SECTION LIMITS EACH PARTY'S LIABILITY FOR INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL, OR PUNITIVE DAMAGES ARISING OUT OF OR IN CONNECTION WITH NEGLIGENT (INCLUDING GROSSLY NEGLIGENT) ACTS OR OMISSIONS OF SUCH PARTY BUT DOES NOT LIMIT EITHER PARTY'S LIABILITY FOR INTENTIONAL MISCONDUCT.

9.2 SBC-13STATE Not Liable to Attaching Party for Acts of Third Parties or Acts of God. By affording Attaching Party access to SBC-13STATE Structure SBC-13STATE does not warrant, guarantee, or insure the uninterrupted use of such facilities by Attaching Party. Except as specifically provided in Section 9.5 of this Appendix, Attaching Party assumes all risks of injury, loss, or damage (and the consequences of any such injury, loss, or damage) to Attaching Party's facilities attached to SBC-13STATE's poles or placed in SBC-13STATE's Structure and SBC-13STATE shall not be liable to Attaching Party for any damages to Attaching Party's facilities other than as provided in Section 9.5. In no event shall SBC-13STATE be liable to Attaching Party under this Agreement for any death of person or injury, loss, or damage resulting from the acts or omissions of (1) any Other User or any person acting on behalf of an Other User, (2) any governmental body or governmental employee, (3) any third-party property owner or persons acting on behalf of such property owner, or (4) any permit, invitee, trespasser, or other person present at the site or in the vicinity of any SBC-13STATE pole, duct, conduit, or right-of-way in any capacity other than as a SBC-13STATE employee or person acting on SBC-13STATE's behalf. In no event shall SBC-13STATE be

liable to Attaching Party under this Agreement for injuries, losses, or damages resulting from acts of God (including but not limited to storms, floods, fires, and earthquakes), wars, civil disturbances, espionage or other criminal acts committed by persons or entities not acting on SBC-13STATE's behalf, cable cuts by persons other than SBC-13STATE's employees or persons acting on SBC-13STATE's behalf, or other causes beyond SBC-13STATE's control which occur at sites subject to this Appendix.

9.3 Damage to Facilities. Each party shall exercise due care to avoid damaging the facilities of the other or of Other Users and hereby assumes all responsibility for any and all loss from damage caused by the party and persons acting on the party's behalf. A party shall make an immediate report to the other of the occurrence of any damage and hereby agrees to reimburse the other party, and/or Other Users for any property damaged caused by the party or persons acting on the party's behalf.

9.4 No Limitations of Liability in Contravention of Federal or State Law. Nothing contained in this article shall be construed as exempting either party from any liability, or limiting such party's liability, in contravention of federal law or in contravention of the laws of this State.

10. INSURANCE

10.1 At all times in which the Attaching Party has attachments to SBC-13STATE poles, or is occupying SBC-13STATE conduit or right-of-way, Attaching Party shall keep and maintain in force, at its own expense, the minimum insurance coverage and limits set for below. Such insurance and coverage shall not only cover the Attaching Party, but it must cover all contractors, subcontractors and/or any other person acting on Attaching Party's behalf, that are providing services under this Appendix.

10.1.1 Workers' Compensation insurance with benefits afforded under the laws of each state covered by this Appendix and Employers Liability insurance with minimum limits of $1,000,000 for Bodily Injury-each accident, $500,000 for Bodily Injury by disease-policy limits and $1,000,000 for Bodily Injury by disease-each employee.

10.1.2 Commercial General Liability insurance with minimum limits of: $10,000,000 General Aggregate limit; $5,000,000 each occurrence sub-limit for all bodily injury or property damage incurred in any one occurrence; $1,000,000 each occurrence sub-limit for Personal Injury and Advertising; $10,000,000 Products/Completed Operations Aggregate limit, with a $5,000,000 each occurrence sub-limit for Products/Completed Operations.

10.1.3 Automobile Liability insurance with minimum limits of $1,000,000 combined single limits per occurrence for bodily injury and property damage, with coverage extending to all owned, hired and non-owned vehicles.

10.2 Attaching Party agrees to name SBC-13STATE as an Additional Insured on the Commercial General Liability policy and Commercial Automobile Liability Policy.

10.3 SBC-13STATE agrees to accept the Attaching Party's program of self-insurance in lieu of insurance coverage if certain requirements are met. These requirements are as follows:

10.3.1 Workers' Compensation and Employers Liability: Attaching Party submit to SBC-13STATE its Certificate of Authority to Self-Insure its Workers' Compensation obligations issued by each state covered by this Appendix or the employer's state of hire; and

10.3.2 Automobile liability: Attaching Party shall submit to SBC-13STATE a copy of the state-issued letter approving self-insurance for automobile liability issued by each state covered by this Appendix; and

10.3.3 General liability: Attaching Party must provide evidence acceptable to SBC-13STATE that it maintains at least an investment grade (e.g., B+ or higher) debt or credit rating as determined by a nationally recognized debt or credit rating agency such as Moody's, Standard and Poor's or Duff and Phelps.

10.4 All insurance required in accordance with this section must be in effect before SBC-13STATE will issue pole attachment or conduit occupancy permits under this Appendix.

10.5 Attaching Party agrees to provide SBC-13STATE with at least thirty (30) calendar days advance written notice of cancellation, material reduction or non-renewal of any of the insurance policies required herein.

11. ASSIGNMENT OF RIGHTS

11.1 Assignment Permitted. Neither party may assign or otherwise transfer its rights or obligations under this Appendix except as provided in this section.

11.1.1 SBC-13STATE may assign its rights, delegate its benefits, and delegate its duties and obligations under this Appendix, without Attaching Party's consent, to any entity controlling, controlled by, or under common control with SBC-13STATE or which acquires or succeeds to ownership of substantially all of SBC-13STATE's assets.

11.1.2 Overlashing of Attaching Party's facilities on SBC-13STATE poles by a third party will be allowed under the following conditions:

11.1.2.1 The Overlashing entity must enter into an Appendix with SBC-13STATE for access to SBC-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 SBC-13STATE prior to submitting a request for access to structure.

11.1.2.3 The Overlashing party must submit a written request for access to structure, and indicate on the request that the request is for Overlashing of an existing attachment of the Attaching Party.

11.1.2.4 The Overlashing entity is responsible for paying the fees for Overlashing in APPENDIX I and/or APPENDIX PRICING which are separate and in addition to the fees paid by the Attaching Party.

11.1.3 Attaching Party may, ancillary to a bona fide loan transaction between Attaching Party and any lender, and without SBC-13STATE's consent, grant security interests or make collateral assignments in substantially all of Attaching Party's assets, including Attaching Party's rights under this Appendix, subject to the express terms of this Appendix. In the event Attaching Party's lender, in the bona fide exercise of its rights as a secured lender, forecloses on its security interest or arranges for a third party to acquire Attaching Party's assets through public or private sale or through an Agreement with Attaching Party, Attaching Party's lender or the third party acquiring Attaching Party's rights under this Appendix shall assume all outstanding obligations of Attaching Party under the agreement and provide proof satisfactory to SBC-13STATE that such lender or third party has complied or will comply with all requirements established under this Appendix. Notwithstanding any provisions of this Appendix to the contrary, such foreclosure by Attaching Party's lender or acquisition of assets by such third party shall not constitute a breach of this Agreement and, upon such foreclosure or acquisition, Attaching Party's lender or such third party shall succeed to all rights and remedies of Attaching Party under this Agreement (other than those rights and remedies, if any, which have not been transferred and, if Attaching Party is a debtor under the Federal Bankruptcy Code, those rights, if any, which remain a part of the debtor's estate notwithstanding an attempted foreclosure or transfer) and to all duties and obligations of Attaching Party under the Agreement, including liability to SBC-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 SBC-13STATE's prior written consent to the assignment or transfer, if necessary, and given SBC-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 SBC-13STATE in writing, no assignment permitted by SBC-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. SBC-13STATE may condition its approval of any requested assignment or transfer on the assignee's or successor's payment or satisfaction of all outstanding obligations of Attaching Party under this Agreement and the assignee's or successor's assumption of any liabilities, or contingent liabilities, of Attaching Party arising out of or in connection with this Agreement.

11.5 Sub-Permits Prohibited. Nothing contained in this Agreement shall be construed as granting Attaching Party the right to sublease, sublicense, or otherwise transfer any rights under this Agreement or occupancy permits subject to this Agreement to any third party. Except as otherwise expressly permitted in this Agreement, Attaching Party shall not allow third party to attach or place facilities to or in pole or conduit space occupied by or assigned to Attaching Party or to utilize such space.

12. TERMINATION OF AGREEMENT OR OCCUPANCY PERMITS; REMEDIES FOR BREACHES

12.1 Termination Due to Non-Use of Facilities or Loss of Required Authority. This Appendix and all occupancy permits subject to this Appendix shall terminate if Attaching Party ceases to have authority to do business or ceases to do business in this State, ceases to have authority to provide or ceases to provide cable television services in this State (if Attaching Party is cable television system having access to SBC-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 SBC-13STATE's poles, ducts, conduits, and rights-of-way.

12.2 Individual occupancy permits subject to this Appendix shall terminate if (a) Attaching Party ceases to utilize the pole attachment or conduit or right of way space subject to such occupancy permit or (b) Attaching Party's permission to use or have access to particular poles, ducts, conduits, or rights-of-way has been revoked, denied, or terminated, or local governmental authority or third-party property owner having authority to revoke, deny, or terminate such use or access.

12.3 Limitation, Termination, or Refusal of Access for Certain Material Breaches. Attaching Party's access to SBC-13STATE's Structure shall not materially interfere with or impair service over any facilities of SBC-13STATE or any Other User, cause material damage to SBC-13STATE's plant or the plant of any Other User, impair the privacy of communications carried over the facilities of SBC-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 SBC-13STATE's poles, ducts, rights-of-way or to the public. Upon reasonable notice and opportunity to cure, SBC-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 SBC-13STATE. Except as otherwise specifically provided in this Appendix, all company-specific and customer-specific information submitted by Attaching Party to SBC-13STATE in connection with this Appendix (including but not limited to information submitted in connection with Attaching Party's applications for occupancy permit shall be deemed to be "confidential" or "proprietary" information of Attaching Party and shall be subject to the terms set forth in this article. Confidential or proprietary information specifically includes information or knowledge related to Attaching Party's review of records regarding a particular market area, or relating to assignment of space to Attaching Party in a particular market area, and further includes knowledge or information about the timing of Attaching Party's request for or review of records or its inquiry about SBC-13STATE facilities. This article does not limit the use by SBC-13STATE of aggregate information relating to the occupancy and use of SBC-13STATE's Structure by firms other than SBC-13STATE (that is, information submitted by Attaching Party and aggregated by SBC-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 SBC-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, SBC-13STATE and persons acting on SBC-13STATE's behalf may utilize Attaching Party's confidential or proprietary information for the following purposes:

14.3.1 posting information, as necessary, to SBC-13STATE's outside plant records;

14.3.2 placing, constructing, installing, operating, utilizing, maintaining, monitoring, inspecting, repairing, relocating, transferring, conveying, removing, or managing SBC-13STATE's Structure and any SBC-13STATE facilities located on, within, or in the vicinity of such Structure;

14.3.3 performing SBC-13STATE's obligations under this Agreement and similar agreements with third parties;

14.3.4 determining which of SBC-13STATE's Structure are (or may in the future be) available for SBC-13STATE's own use, and making planning, engineering, construction, and budgeting decisions relating to SBC-13STATE's Structure;

14.3.5 preparing cost studies;

14.3.6 responding to regulatory requests for information;

14.3.7 maintaining SBC-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 SBC-13STATE and any person or entity, including Attaching Party, concerning SBC-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, SBC-13STATE may utilize confidential or proprietary information submitted by Attaching Party in connection with this Appendix as may be reasonable or necessary to demonstrate compliance, protect itself from allegations of wrongdoing, or comply with subpoenas, court orders, or reasonable discovery requests; provided, however, that SBC-13STATE shall not disclose Attaching Party's proprietary or confidential information without first, at SBC-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 SBC-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 SBC-13STATE shall not disclose Attaching Party's proprietary or confidential information without first, at SBC-13STATE's option:

14.5.1 obtaining an agreed protective order or nondisclosure Agreement that preserves the confidential and proprietary nature of Attaching Party's information;

14.5.2 seeking such a protective order as provided by law if no agreed protective order or nondisclosure Agreement can be obtained; or

14.5.3 providing Attaching Party notice of the subpoena, demand, or order and an opportunity to take affirmative steps of its own to protect such proprietary or confidential information.

15. ACCESS TO RIGHTS-OF-WAY

15.1 To the extent SBC-13STATE has the authority to do so, SBC-13STATE grants Attaching Party a right to use any right-of-way for SBC-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 SBC-13STATE's poles, ducts or conduits. Notwithstanding the foregoing, Attaching Party shall be responsible for determining the necessity of and obtaining from private and/or public authority any necessary consent, easement, right of way, license, permit, permission, certification or franchise to construct, operate and/or maintain its facilities on private and public property at the location of the SBC-13STATE pole, duct or conduit to which Attaching Party seeks to attach its facilities. Attaching Party shall furnish proof of any such easement, right of way, license, permit, permission, certification, or franchise within thirty (30) days of request by SBC-13STATE. SBC-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 SBC-13STATE has access to third-party property pursuant to non-exclusive rights-of-way, SBC-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 SBC-13STATE has obtained exclusive rights-of-way from third-party property owners or otherwise controls the right-of-way, SBC-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 SBC-13STATE to provide such access, and provided further that SBC-13STATE's charges for such access shall include Attaching Party's pro rata portion of the charges, if any, paid by SBC-13STATE to obtain the right-of-way, plus any other documented legal, administrative, and engineering costs incurred by SBC-13STATE in obtaining the right-of-way and processing Attaching Party's request for access.

16. SPECIFICATIONS

16.1 Compliance with Requirements, Specifications, and Standards. Attaching Party's facilities attached to SBC-13STATE's poles or occupying space in SBC-13STATE's ducts, conduits, and rights-of-way shall be attached, placed, constructed, maintained, repaired, and removed in full compliance with the requirements, specifications, and standards specified in this Appendix and the Administrative Guide.

16.1.1 SBC CALIFORNIA ONLY- In addition to the terms and conditions included in this Appendix, SBC CALIFORNIA shall comply with any requirements set forth in California Public Utility Commission Decision 98-10-058.

16.2 Published Standards. Attaching Party's facilities shall be placed, constructed, maintained, repaired, and removed in accordance with current (as of the date when such work is performed) editions of the following publications:

16.2.1 the Blue Book Manual of Construction Procedures, Special Report SR-TAP-001421, published by Bell Communications Research, Inc. ("Bellcore"), and sometimes referred to as the "Blue Book";

16.2.2 the National Electrical Safety Code ("NESC"), published by the Institute of Electrical and Electronic Engineers, Inc. ("IEEE");

16.2.3 the National Electrical Code ("NEC"), published by the National Fire Protection Association ("NFPA");

16.2.4 California Public Utility Commission's General Orders 95 and 128 for attachments to Pacific Bell Telephone Company poles, ducts, conduits and rights of way; and,

16.2.5 the SBC-13STATE Structure Access Guidelines

16.3 Opening of Manholes and Access to Conduit. The following requirements apply to the opening of SBC-13STATE's manholes and access to SBC-13STATE's conduit system.

16.3.1 Attaching Party will notify SBC-13STATE not less than 5 business days in advance before entering SBC-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 SBC-13STATE may be present any time when Attaching Party or personnel acting on Attaching Party's behalf enter or perform work within SBC-13STATE's conduit system. Attaching Party shall reimburse SBC-13STATE for costs associated with the presence of SBC-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 SBC-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 SBC-13STATE's Structure. Upon request, SBC-13STATE will meet with the Attaching

Party to clarify matters relating to maps, records or additional information. SBC-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 SBC-13STATE, are provided to the Attaching Party solely for the pursue of enabling the Attaching Party to obtain access to SBC-13STATE's Structure, and may not be resold, reproduced or disseminated by the Attaching Party.

17.3 SBC-13STATE will provide information currently available on the SBC-13STATE's maps and/or records regarding:

17.3.1 the location of Structure and street addresses for manholes and poles as shown on SBC-13STATE's maps;

17.3.2 the footage between manholes or lateral ducts lengths, as shown on SBC-13STATE's maps;

17.3.3 the footage between poles, if shown on SBC-13STATE's maps;

17.3.4 the total capacity of the Structure

17.3.5 the existing utilization of the Structure.

17.4 SBC-13STATE will not acquire additional information or provide information in formats other than that in which it currently exists and is maintained by SBC-13STATE.

17.5 SBC-13STATE will expunge any confidential or proprietary information from its maps and records prior to providing access to the same to the Attaching Party.

18. APPLICATIONS AND PRE-OCCUPANCY PERMIT SURVEYS

18.1 Occupancy Permits Required. Attaching Party shall apply in writing for and receive an occupancy permit before attaching facilities to specified SBC-13STATE poles or placing facilities within specified SBC-13STATE ducts, conduits, or rights-of-way.

18.2 Structure Access Request Form. To apply for an occupancy permit under this Appendix, Attaching Party shall submit to SBC-13STATE the appropriate SBC-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 SBC-13STATE Structure.

18.3 Make-Ready Survey. A Make-Ready survey must be completed by SBC-13STATE or the Attaching Party before an occupancy permit is issued. The primary purposes of the make ready survey will be to enable SBC-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 SBC-13STATE structures;

18.3.2 plan and engineer the facilities modification, capacity expansion, and make-ready work, if any, required to prepare SBC-13STATE's poles, ducts, conduits, rights-of-way, and associated facilities for Attaching Party's proposed attachments or occupancy; and

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

19. POLE, DUCT, AND CONDUIT SPACE ASSIGNMENTS

19.1 Selection of Space. SBC-13STATE will select or approve the Attaching Party's selection of the space Applicant will occupy on SBC-13STATE's poles or in SBC-13STATE's conduit systems. Maintenance ducts shall not be considered available for Attaching Party's use except as specifically provided elsewhere in this Appendix. Where required by law or franchise agreement, ducts and attachment space on poles reserved for municipal use shall not be considered available for the Attaching Party's use. All other ducts, inner ducts, space on poles or space in rights-of-ways which are not assigned or occupied shall be deemed available for use by SBC-13STATE, Attaching Party, and other parties entitled to access under applicable law.

19.2 Pole, Duct, and Conduit Space Assignments.

19.2.1 After Attaching Party's application for a pole attachment or conduit occupancy permit has been approved by SBC-13STATE, the pole, duct, and conduit space selected and/or approved by SBC-13STATE in such application will be assigned to Attaching Party for a pre-occupancy period not to exceed twelve (12) months.

19.2.2 SBC CALIFORNIA: The pole, duct, and conduit space selected and/or approved by SBC-13STATE in such application will be assigned to Attaching Party for a pre-occupancy period not to exceed nine (9) months in SBC CALIFORNIA only as detailed by the California Public Utility Commission.

19.2.3 SBC-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 SBC-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 SBC-13STATE record if SBC-13STATE has not occupied such assigned space within such 12 month period.

19.2.4 SBC CALIFORNIA: Space assignment is 9 months in California.

19.2.5 Notices and applications including assignment requests will be date-and time-stamped on receipt.

20. ISSUANCE OF OCCUPANCY PERMITS (INCLUDING MAKE-READY WORK)

20.1 Response Within 45 Days. Within 45 days of Attaching Party's submission of a request for access to SBC-13STATE Structure, SBC-13STATE shall provide a written response to the application. The response shall state whether the request is being granted or denied, and if the request is denied, provide the reasons why the request is being denied. If denial of access is proposed, SBC-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. SBC-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 SBC-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 SBC-13STATE or its contractor to complete the make-ready work; or

20.3.2 advise SBC-13STATE of its willingness to perform the proposed make-ready work itself if permissible in the application area.

20.4 Make-ready work performed by Attaching Party, or by an authorized contractor selected by Attaching Party, shall be performed in accordance with SBC-13STATE's specifications and in accordance with the same standards and practices which would be followed if such work were being performed by SBC-13STATE or SBC-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 SBC-13STATE's Structures or interferes with any existing use of SBC-13STATE's facilities or the facilities of any Other User.

20.5 Payments to Others for Expenses Incurred in Transferring or Arranging Their Facilities. Attaching Party shall make arrangements with the Other Users with facilities attached to SBC-13STATE's poles or occupying space in SBC-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 SBC-13STATE's poles, ducts, conduits and rights of ways.

20.6 Reimbursement for the Creation or Use of Additional Capacity. If any additional capacity is created as a result of make-ready work performed to accommodate Attaching Party's facilities, Attaching Party shall not have a preferential right to utilize such additional capacity in the future and shall not be entitled to any fees subsequently paid to SBC-13STATE for the use of such additional capacity. If SBC-13STATE utilizes additional space or capacity created at Attaching Party's expense, SBC-13STATE will reimburse Attaching Party on a pro-rata basis for SBC-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. SBC-13STATE will notify the Attaching Party if any entity, including SBC-13STATE, attaches facilities to additional capacity on SBC-13STATE's Structure created at the Attaching Party's expense. SBC-13STATE shall not be required to collect or remit any such amounts to Attaching Party, to resolve or adjudicate disputes over reimbursement between Attaching Party and Other Users.

20.7 If Attaching Party utilizes space or capacity on any SBC-13STATE Structure created at SBC-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 SBC-13STATE's capacity creation costs.

20.8 Occupancy Permit and Attachment. After all required make-ready work is completed, SBC-13STATE will issue an occupancy permit confirming that Attaching Party may attach specified facilities to SBC-13STATE's Structure.

20.9 The Attaching Party must occupy the assigned space within a period not to exceed twelve (12) months from the issuance of the occupancy permit. If the Attaching Party does not occupy the assigned space within the twelve (12) month period, the Occupancy Permit will lapse and the space will considered available for use by SBC-13STATE or Other User.

*SBC CALIFORNIA only: Space assignment shall not exceed nine (9) months in California.

20.10 The Attaching Party's obligation to pay semiannual pole attachment or conduit occupancy fees will commence on the date the Occupancy Permit is provided by SBC-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 SBC-13STATE's poles and the placement of such facilities in SBC-13STATE's ducts, conduits, and rights-of-way and shall be solely responsible for all costs and expenses incurred by it or on its behalf in connection with such activities.

21.2 Construction Schedule. After the issuance of an occupancy permit, Attaching Party shall provide SBC-13STATE with a construction schedule and thereafter keep SBC-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 SBC-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 SBC-13STATE. A person or entity using the maintenance duct for

non-emergency maintenance or repair activities shall immediately notify SBC-13STATE of such use and must either vacate the maintenance duct within 30 days or, with SBC-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 SBC-13STATE in writing at least 30 days before adding to, relocating, replacing or otherwise modifying its facilities already attached to a SBC-13STATE Structure. The notice shall contain sufficient information to enable SBC-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 SBC-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 SBC-13STATE and other users in making rearrangements to SBC-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, SBC-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, SBC-13STATE will rearrange at Attaching Party's expense.

25. EMERGENCY REPAIRS AND POLE REPLACEMENTS

25.1 Responsibility for Emergency Repairs; Access to Maintenance Duct. In general, each party shall be responsible for making emergency repairs to its own facilities and for formulating appropriate plans and practices enabling such party to make such repairs.

25.1.1 Nothing contained in this Appendix shall be construed as requiring either party to perform any repair or service restoration work of any kind with respect to the other party's facilities or the facilities of joint users.

25.1.2 Maintenance ducts shall be available, on a nondiscriminatory basis, for emergency repair activities by any entity with facilities in the conduit section in which the maintenance duct is located; provided, however, that an entity using the maintenance duct for emergency repair activities will notify SBC-13STATE within 12 hours of the current business day (or first business day following a non-business day) that such entity is entering the SBC-13STATE conduit system and using the maintenance duct for emergency restoral purposes. The notice will include a description of the emergency and non-emergency services involved and an estimate of the completion time. Maintenance ducts will be used to restore the highest priority services, as defined in Section 2.7, first. Existing spare ducts may be used for restoration purposes providing the spare ducts are restored after restoration work is complete. Any spare ducts not returned will be included be assigned to the user of the duct and an occupancy permit issued.

25.1.3 The Attaching Party shall either vacate the maintenance duct within 30 days or, with SBC-13STATE's consent, rearrange its facilities to ensure that at least one full-sized replacement maintenance duct (or, if the designated maintenance duct was an inner-duct, a suitable replacement inner-duct) is available for use by all occupants in the conduit section within 30 days after such person or entity occupies the maintenance ducts. Entities not vacating the maintenance duct must provide an immediate maintenance duct at the entity's cost.

25.2 Designation of Emergency Repair Coordinators and Other Information. For each SBC-13STATE construction district, Attaching Party shall provide SBC-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 SBC-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, SBC-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 SBC-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 SBC-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, SBC-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 SBC-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 SBC-13STATE replacement pole, the transfer shall be in accordance with SBC-13STATE's placement instructions.

25.4.3 If Attaching Party is unable to respond to the emergency situation immediately, Attaching Party shall so advise SBC-13STATE and thereby authorize SBC-13STATE (or any Other User sharing the pole with SBC-13STATE) to perform such emergency-necessitated transfers (and associated facilities rearrangements) on Attaching Party's behalf.

25.5 Expenses Associated with Emergency Repairs. Each party shall bear all reasonable expenses arising out of or in connection with emergency repairs of its own facilities and transfers or rearrangements of such facilities associated with emergency pole replacements made in accordance with the provisions of this article.

25.5.1 Each party shall be solely responsible for paying all persons and entities who provide materials, labor, access to real or personal property, or other goods or services in connection with any such repair, transfer, or rearrangement of such party's facilities.

25.5.2 Attaching Party shall reimburse SBC-13STATE for the costs incurred by SBC-13STATE for work performed by SBC-13STATE on Attaching Party's behalf in accordance with the provisions of this article.

26. INSPECTION BY SBC OF ATTACHING PARTY'S FACILITIES

26.1 Post-Construction Inspections. SBC-13STATE will, at the Attaching Party's expense, conduct a post-construction inspection of the Attaching Party's attachment of facilities to SBC-13STATE's Structures for the purpose of determining the conformance of the attachments to the occupancy permit. SBC-13STATE will provide the Attaching Party advance written notice of proposed date and time of the post-construction inspection. The Attaching Party may accompany SBC-13STATE on the post-construction inspection.

26.2 Right to Make Periodic or Spot Inspections. SBC-13STATE shall have the right, but not the obligation, to make periodic or spot inspections of all facilities attached to SBC-13STATE's Structure. These inspections will not be made more often than once every 2 years unless in SBC-13STATE's judgement such inspections are required for reasons involving safety or because of an alleged violation of the terms of this Agreement.

26.3 If Attaching Party's facilities are in compliance with this Appendix, there will be no charges incurred by the Attaching Party for the periodic or spot inspection. If Attaching Party's facilities are not in compliance with this Appendix, SBC-13STATE may charge Attaching Party for the inspection. The costs of Periodic Inspections will be paid by those Attaching Parties with 2% or greater of their attachments in violation. The amount paid by the Attaching Party shall be the percentage that their violations bear to the total violations of all Attaching Parties found during the inspection.

26.4 If the inspection reflects that Attaching Party's facilities are not in compliance with the terms of this Appendix, Attaching Party shall bring its facilities into compliance within 30 days after being notified of such noncompliance. If any make ready or modification work to SBC-13STATE's Structures is required to bring Attaching Party's facilities into compliance, the Attaching Party shall provide notice to SBC-13STATE and the make ready work or modification will be treated in the same fashion as make ready work or modifications for a new request for attachment.

27. TAGGING OF FACILITIES AND UNAUTHORIZED ATTACHMENTS

27.1 Facilities to Be Marked. Attaching Party shall tag or otherwise mark all of Attaching Party's facilities placed on or in SBC-13STATE's Structure in a manner sufficient to identify the facilities as those belonging to the Attaching Party.

27.2 Removal of Untagged Facilities. SBC-13STATE may, without notice to any person or entity, remove from SBC-13STATE's poles or any part of SBC-13STATE's conduit system the Attaching Party's facilities, if SBC-13STATE determines that such facilities are not the subject of a current occupancy permit and are not otherwise lawfully present on SBC-13STATE's poles or in SBC-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 SBC-13STATE's poles or anchors or within any part of SBC-13STATE's conduit system, SBC-13STATE, without prejudice to other rights or remedies available to SBC-13STATE under this Appendix, 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 Appendix.

27.4 Attaching Party's Response. Within 60 days after receiving a notice under Section 27.5 of this Appendix, Attaching Party shall acknowledge receipt of the notice and submit to SBC-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 SBC-13STATE approves Attaching Party's application for a new or amended occupancy permit, Attaching Party shall be liable to SBC-13STATE for all fees and

charges associated with the unauthorized attachments as specified in Section 27.10 of this Appendix. The issuance of a new or amended occupancy permit as provided by this article shall not operate retroactively or constitute a waiver by SBC-13STATE of any of its rights or privileges under this Appendix or otherwise.

27.6 Attachment and occupancy fees and charges shall continue to accrue until the unauthorized facilities are removed from SBC-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 SBC-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 fee in the amount of 5 times the annual attachment and occupancy fees in effect on the date Attaching Party is notified by SBC-13STATE of the unauthorized attachment or occupancy. 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 SBC-13STATE's request to comply with applicable placement standards, shall remove its facilities from any space occupied by or assigned to SBC-13STATE or another Other User, and shall pay SBC-13STATE for all costs incurred by SBC-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, SBC-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, SBC-13STATE may, at SBC-13STATE's option, remove Attaching Party's facilities at Attaching Party's expense.

27.8 No Ratification of Unpermited Attachments or Unauthorized Use of SBC-13STATE's Facilities. No act or failure to act by SBC-13STATE with regard to any unauthorized attachment or occupancy or unauthorized use of SBC-13STATE's Structure shall be deemed to constitute a ratification by SBC-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 a SBC-13STATE pole or in a SBC-13STATE duct or conduit, Applicant will provide written notification to SBC-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 SBC-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 SBC-13STATE's manholes.

28.1.3 Applicant shall be solely responsible for the removal of its own facilities from SBC-13STATE's Structure.

28.2 At SBC-13STATE's request, Attaching Party shall remove from SBC-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 SBC-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 SBC-13STATE's Structure.

28.3 Removal Following Termination of Occupancy permit. Attaching Party shall remove its facilities from SBC-13STATE's poles, ducts, conduits, or rights-of-way within 60 days after termination of the occupancy permit.

28.4 Removal Following Replacement of Facilities. Attaching Party shall remove facilities no longer in service from SBC-13STATE's Structures within 60 days after the date Attaching Party replaces existing facilities on a pole or in a conduit with substitute facilities on the same pole or in the same conduit.

28.5 Removal to Avoid Forfeiture. If the presence of Attaching Party's facilities on or in SBC-13STATE's Structure would cause a forfeiture of the rights of SBC-13STATE to occupy the property where such Structure is located, SBC-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. SBC-13STATE will give Attaching Party not less than 60 days from the date of notice to remove Attaching Party's facilities unless prior removal is required to prevent the forfeiture of SBC-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 SBC-13STATE; Notice of Intent to Remove. If Attaching Party fails to remove its facilities from SBC-13STATE's Structure in accordance with the provisions of Sections 28.1-28.6 of this Appendix, SBC-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. SBC-13STATE shall give Attaching Party not less than 60 days prior written notice of its intent to remove Attaching Party's facilities pursuant to this section.

28.7 Removal of Facilities by SBC-13STATE. If SBC-13STATE removes any of Attaching Party's facilities pursuant to this article, Attaching Party shall reimburse SBC-13STATE for SBC-13STATE's costs in connection with the removal, storage, delivery, or other disposition of the removed facilities.

29. RATES, FEES, CHARGES, AND BILLING

29.1 Rates, Charges and Fees Subject to Applicable Laws, Regulations, Rules, and Commission Orders. All rates, charges and fees outlined in this Appendix will be set forth in APPENDIX PRICING as part of the Interconnection Agreement. All rates, charges and fees shall be subject to all applicable federal and state laws, rules, regulations, and commission orders.

29.2 Changes to Rates, Charges and Fees. Subject to applicable federal and state laws, rules, regulations and orders, SBC-13STATE shall have the right to change the rates, charges and fees outlined in this Appendix. SBC-13STATE will provide the Attaching Party 60 days written notice, advising the Attaching Party of the specific changes being made and the effective date of the change. If the changes outlined in the notice are not acceptable to the Attaching Party, Attaching Party may either (1) seek renegotiation of this Appendix, (2) terminate this Appendix, or (3) seek relief through the dispute resolution process in the General Terms and Conditions of this Agreement.

30. PERFORMANCE AND PAYMENT BONDS

30.1 Bond May Be Required. SBC-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 Appendix.

30.1.1 If a bond or similar form of assurance is required of Attaching Party, an authorized contractor, or other person acting on Attaching Party's behalf, Attaching Party shall promptly submit to SBC-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 SBC-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 Appendix. In the event any lien, claim or demand is made on SBC-13STATE by any such employee, contractor, subcontractor, mechanic, material man, or other person or entity providing such materials or performing such work, SBC-13STATE may require, in addition to any security provided under Section 30.1 of this Appendix, that Attaching Party execute payment or performance bonds, or provide such other security, as SBC-13STATE may deem reasonable or necessary to protect SBC-13STATE from any such lien, claim or demand.

31. NOTICES

31.1 Notices to Attaching Party. All written notices required to be given to a party shall be delivered or mailed to the party's duly authorized agent or attorney, as designated in this section.

31.1.1 Such notice may be delivered to the party's duly authorized agent or attorney in person or by agent or courier receipted delivery.

31.1.2 Such notice may be mailed to the party's duly authorized agent or attorney by registered or certified mail, return receipt requested. When notice is given by mail, such notice shall be complete upon deposit of the notice, enclosed in a postpaid, properly addressed wrapper, in a post office or official depository under the care and control of the United States Postal Service and shall be deemed to have been given three days after the date of deposit.

31.1.3 Notices to a party shall be sent to the authorized agent or attorney designated below:

NOTICE CONTACT	ATTACHING PARTY	SBC-13STATE CONTACT
NAME/TITLE	Daniel A. Davis, Sr., Vice President & General Counsel	Contract Management ATTN: Notices Manager
STREET ADDRESS	14567 N. Outer Forty Road Suite 500	311 S. Akard, 9th Floor Four SBC Plaza
CITY/STATE/ZIP CODE	St. Louis, MO 63107	Dallas, TX 75202-5398
FACSIMILE NUMBER	314-880-1554	214-464-2006

31.2 Changes in Notice Requirements. Either party may, from time to time, change notice addressees and addresses by giving written notice of such change to the other party. Such notice shall state, at a minimum, the name, title, firm, and full address of the new addressee.

SBC INDIANA
SECTION 271 REMEDY PLAN
DESCRIPTION

This Performance Remedy Plan sets forth the terms and conditions under which SBC INDIANA will report performance to CenturyTel Fiber Company II, LLC, d/b/a LightCore, a CenturyTel Company (CLEC) and compare that performance to SBC INDIANA's own performance (parity), benchmark criteria, or both, whichever is applicable. This document further provides for enforcement through liquidated damages and assessments.

1.0 SBC INDIANA agrees to provide CLEC a monthly report of performance for the performance measures listed in Appendix 1 – SBC INDIANA Performance Measurement User Guide. SBC INDIANA will collect, analyze, and report performance data for these measures in accordance with the business rules defined in Appendix 1, as approved by the Commission. Both the performance measures and the business rules in Appendix 1 are subject to modification in accordance with section 6.4 below regarding six-month reviews. SBC INDIANA further agrees to use the two-tiered enforcement structure for performance measurements provided for in this document. The Commission-approved performance measurements shown in Appendix 1 hereto identify the measurements that belong to Tier 1 (payable to CLECs) and/or Tier 2 (payable to the State) categories.

1.1 SBC INDIANA will not levy a separate charge for provision of the data to CLEC called for under this document. Upon CLEC's request, data files of CLEC's raw data, or any subset thereof, will be transmitted to CLEC. If CLEC's request is transmitted to SBC INDIANA on or before the last day of the month for which data is sought, SBC INDIANA shall provide the data to CLEC on or before the last day of the following month pursuant to mutually acceptable format, protocol, and transmission media. If CLEC's request is transmitted to SBC INDIANA after the last day of the month for which data is sought, SBC INDIANA shall provide the data to CLEC within 30 days of receipt pursuant to mutually acceptable format, protocol, and transmission media. Notwithstanding other provisions of this Agreement, the Parties agree that such records will be deemed Proprietary Information.

2.0 SBC INDIANA will use a statistical test, namely the modified "Z-test," for evaluating the difference between two means (SBC INDIANA retail or its affiliate – whichever is better, provided the number of affiliate data points equal or exceed 30 – and CLEC) or percentages, or the difference between two ratios for purposes of this document. SBC INDIANA agrees to use the modified Z-tests as outlined below as the statistical tests for the determination of parity when the results for SBC INDIANA retail or its affiliate (whichever is better, provided the number of affiliate data points equal or exceed 30) and the CLEC are compared. This statistical test will compare the CLEC performance to the SBC INDIANA retail performance or the affiliate performance (whichever is better). If the affiliate data has fewer than 30 observations, the comparison will be to SBC INDIANA's retail performance. The modified Z-tests are applicable if the number of data points are greater than or equal to 30 for a given disaggregation category. In cases where benchmarks are established, the determination of compliance is through a comparison to the applicable Commission-approved benchmark. For testing compliance for measures for which the number of data points is 29 or less, the use of permutation tests as outlined below may be used.

3.0 For purposes of this document, performance for the CLEC on a particular sub-measure (disaggregated level) will be considered in compliance with the parity requirement when the measured results in a single month (whether in the form of means, percents, or ratios) for the same sub-measurement, at equivalent disaggregation, for both SBC INDIANA and/or its affiliate (whichever is better, provided the number of affiliate data points exceeds 30) and CLEC are used to calculate a Z-test statistic and the resulting value is no greater than Critical-Z value that would maintain 95% confidence that the difference in results reflects disparity. That Critical-Z value is 1.645.

Z-Test:

SBC INDIANA will utilize the following formulae for determining parity using Z-Test:

For Measurement results that are expressed as Averages or Means:

$$Z = (DIFF) / \sigma_{DIFF}$$

Where: $DIFF = M_{ILEC} - M_{CLEC}$
M_{ILEC} = ILEC Average
M_{CLEC} = CLEC Average
$\sigma_{DIFF} = SQRT \ \sigma^2_{ILEC} (1 / n_{CLEC} + 1 / n_{ILEC})]$
σ^2_{ILEC} = Calculated variance for ILEC
n_{ILEC} = number of observations or samples used in ILEC measurement
n_{CLEC} = number of observations or samples used in CLEC measurement

For Measurement results that are expressed as Percentages or Proportions:

Step 1:

$$\rho = \frac{(n_{ILEC} P_{ILEC} + n_{CLEC} P_{CLEC})}{n_{ILEC} + n_{CLEC}}$$

Step 2:

$$\sigma_{PILEC-PCLEC} = SQRT \ \{ [\rho (1 - \rho)] / n_{ILEC} + [\rho (1 - \rho)] / n_{CLEC}$$

Step 3:

$$Z = (P_{ILEC} - P_{CLEC}) / \sigma_{PILEC-PCLEC}$$

Where: n = number of observations
P = Percentage or Proportion

For Measurement results that are expressed as Rates or Ratios:

$$Z = (DIFF) / \sigma_{DIFF}$$

Where: $DIFF = R_{ILEC} - R_{CLEC}$
$R_{ILEC} = num_{ILEC} / denom_{ILEC}$
$R_{CLEC} = num_{CLEC} / denom_{CLEC}$
$\sigma_{DIFF} = SQRT \ \{[(num_{CLEC} + num_{ILEC}) \div (denom_{CLEC} + denom_{ILEC})] * (1 / denom_{CLEC} + 1 / denom_{ILEC}) \}$

4.0 Qualifications to use Z-Test:

4.1 The proposed Z-tests are applicable to reported measurements that contain 30 or more data points. The Z-test is not applied to measures with benchmark standards.

4.2 The minimum sample size for Tier 2 is 10 observations for the aggregate of all CLECs. Sub-measures in Tier 2 with fewer than 10 observations do not have statistical tests conducted on them.

4.3 In calculating the difference between the performances, the formulas defined above apply when a larger CLEC value indicates a higher quality of performance. In cases where a smaller CLEC value indicates a higher quality of performance the order of subtraction should be reversed (i.e., $M_{ILEC} - M_{CLEC}$, $P_{ILEC} - P_{CLEC}$, $R_{ILEC} - R_{CLEC}$).

4.4 For measurements where the performance delivered to the CLEC is compared to SBC INDIANA performance and for which the number of data points are 29 or less for either the CLEC or SBC INDIANA, SBC INDIANA will apply the following alternatives for compliance.

4.4.1 Alternative 1 (used only in the following situations: 1) for a measure where results for both the CLEC and SBC INDIANA Retail or affiliate (whichever is used) both show perfect compliance (no failures), and 2) where the individual transaction detail required to conduct permutation testing is not available):

SBC INDIANA applies the Z-Test as described in section 3.0.

4.4.2 Alternative 2 (used in all situations except those defined above for Alternative 1):

For Percentages, the Fisher Exact Permutation Test will be used.

For Averages and Ratios, the following Permutation analysis will be applied to calculate the Z-statistic using the following logic:

(1) Choose a sufficiently large number T.

(2) Pool and mix the CLEC and ILEC data sets.

(3) Randomly subdivide the pooled data sets into two pools, one the same size as the original CLEC data set (n_{CLEC}) and one reflecting the remaining data points, (which is equal to the size of the original ILEC data set, or n_{ILEC}).

(4) Compute and store the Z-test score (Z_S) for this sample.

(5) Repeat steps 3 and 4 for the remaining T-1 sample pairs to be analyzed. (If the number of possibilities is less than 1 million, include a programmatic check to prevent drawing the same pair of samples more than once).

(6) Order the Z_S results computed and stored in step 4 from lowest to highest.

(7) Compute the Z-test score for the original two data sets and find its rank in the ordering determined in step 6.

(8) To calculate P, divide the rank of the Z-test score as determined in step 7 by the number of total runs executed. (P = rank / T).

(9) Using a cumulative standard normal distribution table, find the value Z_A such that the probability (or cumulative area under the standard normal curve) is equal to P calculated in step 8.

Compare Z_A with the Critical Z-value. If Z_A > the Critical Z-value, then the performance is non-compliant.

4.5 SBC INDIANA and CLECs will provide software and technical support as needed by Commission Staff for purposes of statistical analysis. Any CLEC who opts into this plan agrees to share in providing such support to Commission Staff.

5.0 Overview of Enforcement Structure

SBC INDIANA agrees with the following methodology for developing the liquidated damages and penalty assessment structure for Tier 1 liquidated damages and Tier 2 assessments:

5.1 SBC INDIANA will pay Liquidated Damages to the CLEC according to the terms set forth in this document.

5.2 Liquidated damages apply to Tier 1 measurements identified as “Remedied” in the Measurement Type section of the performance measurement business rules documented in Appendix 2.

5.3 Assessments are applicable to Tier 2 measures identified as “Remedied” in the Measurement Type section of the performance measurement business rules documented in Appendix 2, and are payable to the State Fund designated by the Commission.

5.4 The SBC Indiana Section 271 Remedy Plan shall be available for adoption by any CLEC pursuant to Section 252(i) of the Act. SBC INDIANA will not be liable for the payment of Tier 1 damages until 10 days after receipt by SBC INDIANA of an executed (by CLEC) Interconnection Agreement amendment, terms of which have been agreed to by both CLEC and SBC INDIANA, referencing this plan; or if CLEC interconnects by tariff, 10 days after receipt by SBC INDIANA of the self-identification form posted on the CLEC OnLine website (https://clec.sbc.com/clec). Tier 1 damages will be accrued, but not paid, effective with the first full month of performance results after that date, and will be payable from and after the date that the Interconnection Agreement Amendment is approved by the Commission. SBC INDIANA will not unnecessarily delay filing of the Interconnection Agreement or amendment once both CLEC and SBC INDIANA have signed.

5.5 SBC INDIANA will be liable for the payment of Tier 2 assessments upon formal approval of this plan by the Commission in either a generic proceeding or by approving an Interconnection Agreement amendment referencing this plan. Tier 2 assessments will be paid on the aggregate performance for all CLECs that are operating in Indiana. To the extent that there are one or more other remedy plans in effect that call for payments to be made to the State (as opposed to, or in addition to, payments to a CLEC or CLECs), SBC INDIANA will be liable only for the greater of payments to the State under that plan or the Tier 2 assessments payable under this plan.

5.6 In order to receive payment by check CLEC must complete the CLEC Identification and Liquidated Damages Information Form located on the CLEC OnLine website (https://clec.sbc.com/clec). Otherwise, remedy payment will be made via bill credit.

6.0 Procedural Safeguards and Exclusions

6.1 SBC INDIANA agrees that the application of the assessments and damages provided for herein is not intended to foreclose other non-contractual legal and regulatory claims and remedies that may be available to a CLEC. By incorporating these liquidated damages terms into an interconnection agreement and tariff, SBC INDIANA and CLEC agree that proof of damages from any "noncompliant" performance measure would be difficult to ascertain and, therefore, liquidated damages are a reasonable approximation of any contractual damage resulting from a non-compliant performance measure. SBC INDIANA and CLEC further agree that liquidated damages payable under this provision are not intended to be a penalty.

6.2 SBC INDIANA's agreement to implement these enforcement terms, and specifically its agreement to pay any "liquidated damages" or "assessments" hereunder, 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. SBC INDIANA and CLEC agree that CLEC may not use: (1) the existence of this enforcement plan; or (2) SBC INDIANA's payment of Tier 1 "liquidated damages" or Tier 2 "assessments" as evidence that SBC INDIANA 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. SBC INDIANA'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 remedy plan agrees that SBC INDIANA's performance with respect to this remedy plan may not be used as an admission of liability or culpability for a violation of any state or federal law or regulation. Further, any liquidated damages payment by SBC INDIANA under these provisions is not hereby made inadmissible in any proceeding relating to the same conduct where SBC INDIANA seeks to offset the payment against any other damages a CLEC might recover. Whether or not the nature of damages sought by the CLEC is such that an offset is appropriate will be determined in the related proceeding. The terms of this paragraph do not apply to any proceeding before the Commission or the FCC to determine whether SBC INDIANA has met or continues to meet the requirements of section 271 of the Act.

6.3 SBC INDIANA shall not be liable for Tier 2 "assessments" under this remedy plan to the extent they are duplicative of any other assessments or sanctions under the Commission's service quality rules relating to the same performance. This section does not limit the Commission's ability to assess remedies, penalties or fines regarding such performance consistent with their lawful authority.

6.4 Every six months, CLEC may participate with SBC INDIANA, other CLECs, and Commission representatives to review the performance measures to determine (a) whether measurements should be added, deleted, or modified; (b) whether the applicable benchmark standards should be modified or replaced by parity standards, or vice versa; and (c) whether to move a classification of a measure, either Tier 1, Tier 2 or both, from Remedied to Diagnostic, or vice versa. Criteria for review of performance measures, other than for possible reclassification, shall be whether there exists an omission or failure to capture intended performance, and whether there is duplication of another measurement. Proposed modifications by a party or parties to: (1) the SBC Indiana Section 271 Remedy Plan, (2) any attachments to that Plan, and/or (3) the SBC Midwest Performance Measurement User Guide (Appendix 1 to this document) should first be raised in the regional six-month review meetings, or in Indiana-specific performance measure or remedy plan collaborative workshops or conference calls prior to the party of

parties seeking approval of the modifications from the Commission. This does not preclude the Commission ordering, or the Commission staff requesting, on its own motion, changes to the PM User Guide. Should disputes occur regarding changes, additions and/or deletions to the performance measurements, the dispute shall be referred to the Commission for resolution. The current measurements and benchmarks will be in effect until modified hereunder through this review process or expiration of the interconnection agreement. The SBC Indiana Section 271 Remedy Plan is under the oversight and control of the Commission; agreed-upon or disputed proposals for modifications to the SBC Indiana Section 271 Remedy Plan or the PM User Guide must be approved by the Commission in order to take effect.

6.5 CLEC and SBC INDIANA will consult with one another and attempt in good faith to resolve any issues regarding the accuracy or integrity of data collected, generated, and reported pursuant to this document. In the event that CLEC requests such consultation and the issues raised by CLEC have not been resolved within 45 days after CLEC's request for consultation, then SBC INDIANA will allow CLEC to have an independent audit conducted, at CLEC's expense, of SBC INDIANA's performance measurement data collection, computing, and reporting processes. In the event the subsequent audit affirms the problem identified by the CLEC, or if any new problem is identified, SBC INDIANA shall reimburse the CLEC any expense incurred by the CLEC for such audit. CLEC may not request more than one audit per four calendar months under this section, and may not request an audit of the same performance measurement more than once in a twelve calendar month period. This section does not modify CLEC's audit rights under other provisions of this Agreement or any applicable Commission Order. SBC INDIANA agrees to inform all CLECs via Accessible Letter of any problem identified during an audit initiated by any CLEC.

6.6 SBC INDIANA agrees to periodic, regional (five-state) audit of the performance measurement data collection, retention, transformation, result and remedy calculation, and result publication processes and systems. The first regional audit shall commence the later of eighteen months after this plan becomes effective or eighteen months after completion of the performance measurement audit of the OSS Third Party Test conducted by KPMG under Cause No. 41657. Subsequent to that initial audit, additional periodic audits will be scheduled as deemed necessary by the Commission. CLECs and the Commission will have input into the design and schedule of the audit. An independent, third party auditor chosen by SBC INDIANA and approved by the Commission will conduct these audits at SBC INDIANA's expense.

6.7 The term of the SBC Indiana Section 271 Remedy Plan is indefinite. Expiration of the SBC Indiana Section 271 Remedy Plan shall require approval by the Commission.

7.0 Exclusions Limited

7.1 SBC INDIANA will not be excused from payment of liquidated damages or assessments on specific grounds (e.g. Force Majeure, third party systems or equipment problems), unless SBC INDIANA prevails in a waiver of liability filed with the Commission seeking expedited resolution. SBC INDIANA bears the burden of proof and must pay the remedies in advance of the expedited hearing, subject to refund, including interest, if it prevails. SBC INDIANA will not be excused from payment of liquidated damages or assessments on any other grounds except as addressed in Section 7.2 or by application of the procedural threshold provided for below. Neither party will be required to pay attorneys fees to the prevailing party. If an event which is the subject of a waiver of liability only suspends SBC INDIANA's ability to timely perform an activity subject to performance measurement, the applicable time frame in which SBC INDIANA's compliance with the parity or benchmark criterion is measured will be extended on an hour for hour or day for day basis, as applicable, equal to the duration of the excusing event.

7.2 In addition to the provisions set forth herein, SBC INDIANA shall not be obligated to pay liquidated damages or assessments for noncompliance with a performance measure to the extent that such noncompliance was the result of an act or omission by a CLEC that is contrary to any of the CLEC's obligations under its interconnection agreement with SBC INDIANA or under the Act or Indiana law or tariff. An example of a potential act or omission could include, inter alia, unreasonably holding orders and/or applications and "dumping" such orders or applications in unreasonably large batches, at or near the close of a business day, on a Friday evening or prior to a holiday.

7.3 In any event where SBC INDIANA believes there has been an act or omission by a CLEC that is contrary to any of the CLEC's obligations under its interconnection agreement with SBC INDIANA or under the Act or Indiana law or tariff and that has caused noncompliance with a performance measurement, and a dispute occurs, SBC INDIANA shall pay one-half of the Tier 1 remedies to the CLEC while disputes are referred to the Commission for resolution, subject to refund, including interest, if SBC INDIANA prevails. If SBC INDIANA does not prevail, the remaining one-half of the Tier 1 remedies will be paid, with interest, within 30 days of a final, non-appealable resolution by the Commission. SBC INDIANA shall pay Tier 2 remedies to the State Fund designated by the Commission after the disputes are resolved. SBC INDIANA will have the burden in any such proceeding to demonstrate that its noncompliance with the performance measurement is due to such acts or omissions by a CLEC.

7.4 SBC INDIANA and CLEC agree that a procedural annual threshold will apply to the aggregate total of any Tier 1 liquidated damages (including any such damages paid pursuant to this Agreement or to any other Indiana interconnection agreement with a CLEC) and Tier 2 assessments or voluntary payments made by SBC INDIANA pursuant to any Indiana interconnection agreement or tariff with a performance remedy plan for the calendar year. The annual threshold amounts will be determined by SBC INDIANA, based on the formula of 36% of Net Return as set forth at ¶ 436 and footnote 1332 of the FCC's December 22, 1999 Memorandum Opinion and Order in CC Docket No. 99-295. The annual threshold shall be re-calculated on the first business day of the calendar year when updated ARMIS data is made publicly available. For purposes of applying the threshold, the calendar year shall apply. Once the annual threshold is established, a maximum monthly threshold will be determined by dividing the amount of the annual threshold by twelve. CLEC further acknowledges that a maximum monthly threshold of one-twelfth of the annual threshold for Tier 1 liquidated damages and Tier 2 assessments will apply to all performance payments made by SBC INDIANA under all SBC INDIANA interconnection agreements and tariff. To the extent in any given month the monthly threshold is not reached, the subsequent month's total threshold will be increased by an amount equal to the unpaid portion of the previous month's threshold. At the end of the year, if the aggregate total of Tier 1 liquidated damages and Tier 2 assessments under all SBC INDIANA interconnection agreements and Performance Measurements and Remedy Plan tariff equals or exceeds the annual threshold, but SBC INDIANA has paid less than that amount due to the monthly threshold, SBC INDIANA shall be required to pay an amount equal to the difference between the annual threshold and the amount paid. In such event, Tier 1 liquidated damages shall be paid first on a pro rata basis to CLECs, and any remainder within the annual threshold shall be paid as a Tier 2 assessment. In the event the total calculated amount of damages and assessments for the year is less than the annual threshold, SBC INDIANA shall be obligated to pay ONLY the actual calculated amount of damages and assessments.

7.5 Whenever SBC INDIANA Tier 1 payments to an individual CLEC in a given month exceed 12.5% of the monthly threshold amount, or the Tier 1 payments to all CLECs in a given month exceed the monthly threshold, then SBC INDIANA may request a hearing before the Commission. Upon timely commencement of this proceeding, SBC INDIANA must pay one-half of the damages owed to the individual CLEC (subject to refund, including interest, if it prevails), and the balance of damages owed into escrow to be held by a third party pending the outcome of the hearing. To invoke these escrow provisions, SBC INDIANA must file with the Commission, not later than the due date of the affected damages payments, an application to show cause why it should not be required to pay any amount in excess of the threshold amount. SBC INDIANA's application will be processed in an expedited manner under the process set forth in the Procedural Rules. SBC INDIANA will have the burden of proof to demonstrate why, under the circumstances, it should not be required to pay liquidated damages in excess of the applicable threshold amount. If SBC INDIANA reports non-compliant performance to the CLEC for three consecutive months on 20% or more of the measures reported to the CLEC, but SBC INDIANA has incurred no more than 4.2% of the monthly threshold amount in liquidated damages obligations to the CLEC for that period under the enforcement terms set out here, then the CLEC may commence an expedited dispute resolution under this paragraph pursuant to the Commission's Procedural Rules to request that SBC INDIANA should have to pay an amount of damages in excess of the amount calculated under these enforcement terms. In

any such proceeding the CLEC will have the burden of proof to demonstrate why SBC INDIANA should have to pay any amount of damages in excess of the amount calculated under these enforcement terms.

7.6 SBC INDIANA's Tier 1 remedy liability to any individual CLEC in any month will not exceed (will be capped at) the total billed revenue due SBC INDIANA for services provided to the CLEC in the same month for which the remedy liability was incurred.

7.7 SBC INDIANA will post on its Internet website the aggregate payments of any liquidated damages or assessments paid during the current calendar year.

7.8 With respect to any interconnection agreement, SBC INDIANA or any CLEC may request an expedited dispute resolution proceeding before the Commission pursuant to sections 7.4 and 7.5 above.

8.0 Tier 1 Damages Payable to CLECs:

8.1 Tier 1 liquidated damages apply to measures designated in Appendix 2 as Remedied when SBC INDIANA delivers "non-compliant" performance as defined in Section 3 above.

8.2 Liquidated damages in the amount specified in TABLE 1: Per Occurrence Liquidated Damage Amount Index Table below apply to all "non-compliant" sub-measures subject to remedies. Liquidated damages apply on a per occurrence basis, using the amount per occurrence taken from the table below, based on the number of consecutive months for which SBC INDIANA has reported noncompliance for the sub-measure and on the overall percentage of sub-measures subject to remedies for which SBC INDIANA met or exceeded the performance standard. For those measures listed in Appendix 3 as "Measurements That Are Subject to Per Occurrence Damages or Assessments With a Cap," the amount of liquidated damages in a single month for a disaggregation category shall not exceed the amount listed in TABLE 2: Per Measure/Cap Liquidated Damage Amount Index Table. For those measures listed in Appendix 3 as "Measurements That Are Subject to Per Measure Damages or Assessments," liquidated damages will apply on a per disaggregation category basis, at the amounts set forth in the TABLE 2: Per Measure/Cap Liquidated Damage Amount Index Table below. The methodology for determining the number of occurrences is addressed in "Methods of Calculating Liquidated Damages and Assessment Amounts," below.

8.3 TABLE 1 and TABLE 2 utilize an Index Value ("IV") that establishes the single level of liquidated damages assessment amount to be paid to all CLECs participating in the Plan in the case of a failure to meet or exceed a performance standard. This Index Value is uniquely established for each month's results based on the overall performance SBC INDIANA provided to the CLECs as a whole on remedied sub-measures. The IV is calculated by (1) determining the number of reported sub-measure results subject to remedies for which performance met or exceeded the standard of comparison; (2) determining the total number of reported sub-measures subject to remedies; and (3) dividing (1) by (2) and multiplying by 100. The number of sub-measures is intended to reflect all CLEC activity within the state that is subject to remedy as defined in the performance measurement user guide. More specifically, a sub-measure is defined as a fully disaggregated (e.g. by product, by geography, by CLEC) performance measurement result. For determining the IV, the denominator is the total number of sub-measures reported, across all CLECs with activity, that are subject to liquidated damages remedy payments payable to CLECs or assessments payable to the State are included. This formula is provided below.

$$IV = (RSM_{passed} \div RSM_{total}) \times 100$$

Where

RSM_{passed} = Total number of Remedied Sub-Measure results where performance met or exceeded the standard of comparison

RSM_{total} = Total count of Remedied Sub-Measure results

8.4 Upon completion of each twelve-month period of performance reporting under this plan beginning October 2002, performance for the previous twelve months in total shall be calculated in the same fashion as defined in Section 8.3. Should the IV result calculated for that entire twelve-month period, by averaging the individual month's IV values, not meet or exceed 92%, the liquidated damages remedy amounts applicable

in Tables 1 and 2 will step back to the previous level for the next twelve months, unless the level of payments is already at the highest payment schedule whereby it would remain at that level for the next twelve months.

8.5 For measures identified in Attachment A and defined in Appendix 1 as subject to a Tier 1 remedy, liquidated damages apply as indicated in Section 8.2 whenever the following occurs:

- Performance is below the ceiling performance level and equal to or above the floor performance level and not in parity; or
- Performance is below the floor performance level, whether or not in parity.

Performance above the ceiling performance standard is deemed to have met the performance standard regardless of the result of a parity comparison.

When performance for the CLEC is below the floor, liquidated damages will be calculated against the better of the floor level of performance or the parity comparison performance.

Should the Commission order the implementation of retail performance standards applicable to all carriers providing retail local exchange services, or order changes to existing retail performance standards applicable to all carriers providing retail local exchange service, the parties will negotiate whether or not to create new, or modify existing, floor and ceiling performance standards.

8.6 Following at least two consecutive months of non-compliance for a given sub-measure, liquidated damages will be subject to a "proof of compliance" period for that individual metric. This process will require SBC INDIANA to return to compliance for a specified number of months, based on the number of consecutive months non-compliant performance, before the liquidated damages amount is reduced to the lowest, or single month of non-compliance, level. For example, if SBC INDIANA was out of compliance for four consecutive months for a given performance measurement reported for a specific CLEC, SBC INDIANA will have to provide this CLEC three consecutive months of compliant performance for this same submeasure before it can begin paying the "Month 1" liquidated damage amount.

8.7 During this "proof of compliance" period, SBC INDIANA will make liquidated damages payments *only* for those months during which the performance result for a specific sub-measure is determined to be "non-compliant" for a CLEC. This remedy payment amount will return to the lowest level of payment when SBC INDIANA provides "compliant" performance for the number of consecutive months identified in TABLE 4: "Step-Down" Table Of Liquidated Damages For Tier 1 Measures where the payment amount is "Month One Amount". Until the performance result has met or exceeded the standard of comparison for three consecutive months, liquidated damages amounts will be determined using the number of months defined in Table 4.

8.8 SBC INDIANA is obligated to correctly and completely report performance results for CLEC and the aggregate of all CLECs. On occasion, it may be necessary for SBC INDIANA to restate previously published performance results to comply with this obligation where the originally published results were materially different from actual performance. SBC INDIANA will provide notice, via the CLEC OnLine web site, to CLEC and the Commission of each restatement, indicating the performance measurements restated, which months' performance the measurements were restated for, and why the restatement was necessary.

8.9 In the event that performance measurement results need to be restated, SBC INDIANA will restate those results as soon as possible for a period not to exceed the three months prior to the month for which results have most recently been reported at time of the restatement. In a case where restatement is required to address an audit finding, the restatement will be applied for the period of time necessary to resolve the finding.

8.10 If it is determined through restatement of performance results or other means that SBC INDIANA underpaid liquidated damages due a CLEC, or assessments due the State, SBC INDIANA will make additional payment/bill credit to the CLEC and/or payments to the State to the extent that it underpaid. All underpayments will be credited with interest. Beginning October 1, 2003, in the event that determination is

made through restatement of performance results or other means that SBC INDIANA overpaid, current and/or future monthly liquidated damages remedy payments/bill credits to CLEC and/or assessments to the State will be offset by the amount of overage.

8.11 SBC INDIANA shall be able to apply any liquidated damages remedy payments due toward those charges that the CLEC owes SBC INDIANA for services rendered (or facilities provided) so long as such charges are undisputed and are past due for not less than 90 days.

8.12 If performance for any sub-measure fails to meet the standard of performance (parity or benchmark) defined in Appendix One for three consecutive months, SBC INDIANA will, at request of the CLEC, initiate a "gap closure" effort. For a measure to which a floor applies, "gap closure" can be initiated when performance is below the floor for two consecutive months. The "gap closure" effort will (1) identify the root cause for the failure to meet the performance standard, and (2) develop an action plan to improve performance to a level where it is meeting the standard of performance. Documentation of the root cause and the action plan to address it will be provided to the CLEC requesting "gap closure" within 30 days of CLEC request. If requesting CLEC assesses the action plan as inadequate, the issue will be escalated to senior management responsible for the CLEC account and the operational area(s) impacted. A response will be provided to CLEC senior management within 10 business days of receipt of the escalation from the CLEC.

TABLE 1: Per Occurrence Liquidated Damage Amount Index Table						
Index Value ("IV")	Consecutive Months Missed					
	One	Two	Three	Four	Five	Six or More
Effective Beginning With The First Month's Results Reported Under This Plan Through The Twelfth Month's Results Reported Under This Plan						
IV >= 92.0%	$35	$50	$100	$200	$300	$400
86.0% <= IV < 92.0%	$50	$70	$125	$250	$350	$450
80.0% <= IV < 86.0%	$75	$90	$150	$300	$400	$500
74.0% <= IV < 80.0%	$100	$125	$250	$500	$600	$700
IV < 74%	$150	$175	$350	$700	$800	$900
Effective Beginning With The Thirteenth Month's Results Reported Under This Plan Through The Twenty-Fourth Month's Results Reported Under This Plan						
IV >= 92.0%	$30	$55	$100	$200	$300	$400
86.0% <= IV < 92.0%	$40	$65	$125	$250	$350	$450
80.0% <= IV < 86.0%	$50	$80	$150	$300	$400	$500
74.0% <= IV < 80.0%	$100	$125	$250	$500	$600	$700
IV < 74%	$150	$175	$350	$700	$800	$900
Effective Beginning With The Twenty-Fifth Month's Results Reported Under This Plan						
IV >= 92.0%	$25	$50	$100	$200	$300	$400
86.0% <= IV < 92.0%	$35	$60	$125	$250	$350	$450
80.0% <= IV < 86.0%	$50	$75	$150	$300	$400	$500
74.0% <= IV < 80.0%	$100	$125	$250	$500	$600	$700
IV < 74%	$150	$175	$350	$700	$800	$900

TABLE 2: Per Measure/Cap Liquidated Damage Amount Index Table						
Index Value ("IV")	Consecutive Months Missed					
	One	Two	Three	Four	Five	Six or More
Effective Beginning With The First Month's Results Reported Under This Plan Through The Twelfth Month's Results Reported Under This Plan						
IV >= 92.0%	$9,000	$15,000	$15,000	$20,000	$25,000	$30,000
86.0% <= IV < 92.0%	$12,500	$20,000	$22,500	$30,000	$37,500	$45,000
80.0% <= IV < 86.0%	$15,000	$25,000	$30,000	$40,000	$50,000	$60,000
74.0% <= IV < 80.0%	$20,000	$30,000	$45,000	$60,000	$75,000	$90,000
IV < 74%	$25,000	$50,000	$75,000	$100,000	$125,000	$150,000
Effective Beginning With The Thirteenth Month's Results Reported Under This Plan Through The Twenty-Fourth Month's Results Reported Under This Plan						
IV >= 92.0%	$7,500	$12,500	$15,000	$20,000	$25,000	$30,000

86.0% <= IV < 92.0%	$10,000	$17,500	$22,500	$30,000	$37,500	$45,000
80.0% <= IV < 86.0%	$15,000	$20,000	$30,000	$40,000	$50,000	$60,000
74.0% <= IV < 80.0%	$20,000	$30,000	$45,000	$60,000	$75,000	$90,000
IV < 74%	$25,000	$50,000	$75,000	$100,000	$125,000	$150,000
Effective Beginning With The Twenty-Fifth Month's Results Reported Under This Plan						
IV >= 92.0%	$5,000	$10,000	$15,000	$20,000	$25,000	$30,000
86.0% <= IV < 92.0%	$7,500	$15,000	$22,500	$30,000	$37,500	$45,000
80.0% <= IV < 86.0%	$10,000	$20,000	$30,000	$40,000	$50,000	$60,000
74.0% <= IV < 80.0%	$15,000	$30,000	$45,000	$60,000	$75,000	$90,000
IV < 74%	$25,000	$50,000	$75,000	$100,000	$125,000	$150,000

TABLE 3: Assessment Amounts For Tier 2 Measures	
Per Occurrence	$200
Per Measure / Cap*	$20,000

TABLE 4: "Step-Down" Table Of Liquidated Damages For Tier 1 Measures				
	Consecutive Months Non-Compliant Performance Prior to First Month of Compliant Performance			
Consecutive Months Compliant Performance Before Subsequent Non-Compliant Month	Three Months	Four Months	Five Months	Six Months or More
Per Occurrence and Per Measure/Cap				
One Month	Month Two Amount	Month Three Amount	Month Four Amount	Month Five Amount
Two Months	Month One Amount	Month Two Amount	Month Two Amount	Month Three Amount
Three Months or More	Month One Amount	Month One Amount	Month One Amount	Month One Amount

8.13 Example Application of "Step-Down" Table

Assume a measurement result is deemed non-compliant for four consecutive months. Performance is then deemed compliant with the measurement standard in the fifth month. Further assume that in the sixth month performance is again deemed non-compliant, resulting in four consecutive months missed, followed by one month (month five) met and the next month (month six) missed. Using Table 4 above, remedies for performance in month six would be at the level of three consecutive months missed. This can be confirmed by looking at the column for "Consecutive Months Non-Compliant Performance Prior to First Month of Complaint Performance", or the "Four Months" column in this example, then looking at the row for "Consecutive Months Complaint Performance Before Subsequent Non-Compliant Month", or the "One Month" row in this example. The intersecting cell indicates that remedies would be paid at the "Month Three Amount", or the level corresponding to three consecutive months misses for the measure from Table 1 or Table 2 (as applicable to the specific measure).

9.0 Tier 2 Assessments to the State:

9.1 Assessments payable to the State Fund designated by the Commission apply to the Tier 2 measures designated in Appendix 2 as "Remedied" when SBC INDIANA and/or its affiliate (whichever is better, provided the affiliate data points equal or exceed 30) performance is out of parity or does not meet the benchmarks for the aggregate of all CLEC data. Specifically, if the Z-test value is greater than the Critical Z, the performance for the reporting category is out of parity or below standard. Assessments will be paid when the aggregate of all CLECs has at least 10 observations.

9.2 For those measurements where a per occurrence assessment applies, an assessment as specified in TABLE 3: Assessment Amounts for Tier 2 Measures shown above for each occurrence is payable to the State Fund designated by the Commission for each sub-measure that exceeds the Critical Z-value for three consecutive months. For those measurements listed in Appendix 3 as measurements subject to per

occurrence with a cap, an assessment as shown in TABLE 3: Assessment Amounts for Tier 2 Measures shown above for each occurrence within the applicable cap is payable to the State Fund designated by the Commission for each sub-measure that exceeds the Critical Z-value for three consecutive months. For those Tier 2 measurements listed in Appendix 3 as subject to a per measurement assessment, an assessment amount as shown in TABLE 3: Assessment Amounts for Tier 2 Measures shown above is payable to the State Fund designated by the Commission for each sub-measure that exceeds the Critical Z-value for three consecutive months.

10.0 Posting of Results and Provision of Liquidated Damages and Assessment Payments:

10.1 If SBC INDIANA fails to submit performance reports by the last business day of the month following actual performance, the following assessments payable to the State Fund designated by the Commission apply unless excused for good cause by the Commission:

- If no reports are filed, $5,000 per day past due;
- If incomplete reports are filed, $1,000 per day for each performance measurement listed in the User Guide for which results are not posted, but not to exceed $5,000 per day past due.

10.2 If SBC INDIANA alters previously reported data for a CLEC, and after discussions with SBC INDIANA the CLEC disputes such alterations, then the CLEC may ask the Commission to review the submissions and the Commission may take appropriate action. This does not apply to the limitation stated under the section titled "Exclusions Limited."

10.3 When SBC INDIANA performance creates an obligation to pay liquidated damages to a CLEC or an assessment to the State under the terms set forth herein, SBC INDIANA shall make payment by check, bill credit or other direct payment method in the required amount on or before the last business day of the month following the due date of the performance measurement report for the month in which the obligation arose (e.g., if SBC INDIANA performance through March is such that SBC INDIANA owes liquidated damages to CLECs for March performance, or assessments to the State for January – March performance, then those payments will be due the last business day of May, the last business day of the month following the month (April) in which results were posted). (In order to receive payment by check CLEC must complete the CLEC identification and liquidated damages Information Form located on the CLEC website.) For each day after the due date that SBC INDIANA fails to pay the required amount, SBC INDIANA will pay interest to the CLEC at the maximum rate permitted by law for a past due liquidated damages obligation and will pay an additional $3,000 per day to the State Fund designated by the Commission for a past due assessment.

10.4 SBC INDIANA may not withhold payment of liquidated damages to a CLEC unless SBC INDIANA has commenced a Commission arbitration proceeding on or before the payment due date, asserting that noncompliance was the result of an act or omission by a CLEC as more fully described in Section 7.2 and 7.3.

10.5 CLEC will have access to monthly reports on performance measures and business rules through an Internet website that includes performance results for individual CLECs, the aggregate of all CLECs, and SBC INDIANA.

10.6 The thresholds more fully described in Section 7.4. do not apply to assessments under Section 10 of this document.

11.0 Methods of Calculating Liquidated Damages and Assessment Amounts

The following methods apply in calculating per occurrence liquidated damage and assessments:

11.1 Calculating Tier 1 Liquidated Damages

11.1.1 Measures for Which the Reporting Dimensions are Averages or Means

Step 1: Calculate the average or the mean for the sub-measure for the CLEC that would yield the Critical Z-value. Use the same denominator as the one used in calculating the Z-statistic

for the sub-measure. (There are no Critical Z-values calculated for Benchmark measures.)

Step 2: Calculate the percentage difference between the actual average and the calculated average. For benchmark measures or floors (for measures that have floors and the floor applies to the result), calculate the percentage difference between the actual average and the benchmark. This percentage is capped at 100%.

Step 3: Multiply the total number of data points by the percentage calculated in the previous step and round this number up to the next integer. Then multiply the result by the per occurrence dollar amount taken from the Liquidated Damages Table for Tier 1 Measures to determine the applicable liquidated damages for the given month for that sub-measure.

11.1.2 Measures for Which the Reporting Dimensions are Percentages

Step 1: Calculate the percentage for the sub-measure for the CLEC that would yield the Critical Z-value. Use the same denominator as the one used in calculating the Z-statistic for the sub-measure. (There are no Critical Z-values calculated for Benchmark measures.)

Step 2: Calculate the difference between the actual percentage for the CLEC and the calculated percentage. For benchmark measures or floors (for measures that have floors and the floor applies to the result), calculate the difference between the actual percentage and the benchmark.

Step 3: Multiply the total number of data points by the difference in percentage calculated in the previous step and then round this number up to the next integer. Then multiply the result by the per occurrence dollar amount taken from the Liquidated Damages Table to determine the applicable liquidated damages for the given month for that sub-measure.

11.1.3 Measures for Which the Reporting Dimensions are Ratios or Rates

Step 1: Calculate the ratio for the sub-measure for the CLEC that would yield the Critical Z-value. Use the same denominator as the one used in calculating the Z-statistic for the sub-measure. (There are no Critical Z-values calculated for Benchmark measures.)

Step 2: Calculate the difference between the actual ratio for the CLEC and the calculated ratio. For benchmark measures or floors (for measures that have floors and the floor applies to the result) calculate the difference between the actual ratio and the benchmark. This difference is capped at 100%.

Step 3: Multiply the total number of data points by the percentage calculated in the previous step and then round this number up to the nearest integer. Then multiply the result by the per occurrence dollar amount taken from the Liquidated Damages Table for Tier 1 Measures to determine the applicable liquidated damages for the given month for that sub-measure.

11.2 Calculating Tier 2 Assessments

11.2.1 Determine the Tier 2 measurement results that are non-compliant for three consecutive months for the aggregate of all CLECs. If the non-compliant classification continues for three consecutive months, an additional assessment will apply in the third month and in each succeeding month as calculated below, until SBC INDIANA reports performance that meets the applicable criterion. That is, Tier 2 assessments will apply on a "rolling three month" basis, one assessment for the average number of occurrences for months 1-3, one assessment for the average number of occurrences for months 2-4, one assessment for the average number of occurrences for months 3-5, and so forth, until satisfactory performance is established.

11.2.2 Measures for Which the Reporting Dimensions are Averages or Means

Step 1: Calculate the average or the mean for the sub-measure for the CLECs that would yield the Critical Z-value for each of the three non-compliant months. Use the same denominator as the one used in calculating the Z-statistic for the sub-measure. (There are no Critical Z-values calculated for Benchmark measures.)

Step 2: Calculate the percentage difference between the actual average and the calculated average for each of the three non-compliant months. For benchmark measures, calculate the percentage difference between the actual average and the benchmark for each of the three non-compliant months. This percentage is capped at 100%.

Step 3: Multiply the total number of data points for each month by the percentage calculated in the previous step. Calculate the average for three months of these numbers rounding up the result to the next highest integer. Then multiply the result by the per occurrence dollar amount specified in the Assessment Table for Tier 2 Measures to determine the applicable assessment payable to the State Fund designated by the Commission for that sub-measure.

11.2.3 Measures for Which the Reporting Dimensions are Percentages

Step 1: Calculate the percentage for the sub-measure for the CLECs that would yield the Critical Z-value for each of the three non-compliant months. Use the same denominator as the one used in calculating the Z-statistic for the sub-measure. (There are no Critical Z-values calculated for Benchmark measures.)

Step 2: Calculate the difference between the actual percentage for the CLECs and the calculated percentage for each of the three non-compliant months. For benchmark measures, calculate the difference between the actual percentage and the benchmark for the three non-compliant months.

Step 3: Multiply the total number of data points for each month by the difference in percentage calculated in the previous step. Calculate the average for three months of these numbers rounding up the result to the next highest integer. Then multiply the result by the per occurrence dollar amount specified in the Assessment Table for Tier 2 Measures to determine the applicable assessment payable to the State Fund designated by the Commission for that sub-measure.

11.2.4 Measures for Which the Reporting Dimensions are Ratios or Rates

Step 1: Calculate the ratio for the sub-measure for the CLECs that would yield the Critical Z-value for each of the three non-compliant months. Use the same denominator as the one used in calculating the Z-statistic for the sub-measure. (There are no Critical Z-values calculated for Benchmark measures.)

Step 2: Calculate the difference between the actual ratio for the CLECs and the calculated ratio for each month of the non-compliant three-month period. For benchmark measures calculate the difference between the actual ratio and the benchmark for the three non-compliant months. This difference is capped at 100%.

Step 3: Multiply the total number of service orders by the percentage calculated in the previous step for each month. Calculate the average for three months of these numbers rounding up the result to the next highest integer. Then multiply the result by the per occurrence dollar amount specified in the Assessment Table for Tier 2 Measures to determine the applicable assessment payable to the State Fund designated by the Commission for that sub-measure.

The parties will propose as part of the PM six-month review collaborative that Section 12 be moved to Appendix 1 – SBC INDIANA Performance Measurement User Guide as an attachment so that it can be updated through the six-month review process as needed.

12.0 Advanced and Nascent Services:

12.1 In order to ensure parity and benchmark performance where CLECs order low volumes of advanced and nascent services, SBC INDIANA will make increased voluntary payments to the State Fund designated by the Commission on those measurements listed in section 12.3 below (the "Qualifying Measurements"). Such increased voluntary payments will only apply when there are more than 10 and less than 100

observations for a Qualifying Measurement on average statewide for a three-month period with respect to the following order categories:

12.2 The following are the qualifying sub-measures (if within a qualifying measurement):

- UNE loop and port combinations;
- resold ISDN;
- ISDN UNE loop and port combinations;
- BRI loop with test access; and
- DSL loops.

12.3 The Qualifying Measurements are as follows:

Provisioning Measurements:

- PMs 29, 45, 58 – Percent SBC INDIANA Caused Missed Due Dates
- PMs 35, 46, 59 – Installation Trouble Reports Within "X" Days
- PMs 27, 43, 56 – Mean Installation Interval
- PMs 32, 49, 62 – Average Delay Days for SBC INDIANA Caused Missed Due Dates
- PM 55.1 – Average Installation Interval – DSL
- PM 1.1 – Average Response Time for Loop Qualification Information

Maintenance Measurements:

- PMs 38, 66 – % Missed Repair Commitments
- PMs 41, 53, 69 – % Repeat Reports
- PMs 39, 52, 67 – Mean Time to Restore
- PMs 37.1, 54.1, 65.1 – Trouble Report Rate

12.4 The increased voluntary payments referenced in section 12.1 will be made only if SBC INDIANA fails to provide parity or benchmark service for the above measurements as determined by the use (where appropriate) of the Modified Z-test and a Critical Z-value for either:

- 3 consecutive months; or
- 6 months or more in a calendar year.

12.5 The increased voluntary payments will only be calculated on the rolling average of occurrences or measurements, as appropriate, where SBC INDIANA has failed to provide parity or benchmark performance for 3 consecutive months. If SBC INDIANA fails to provide parity or benchmark performance in Indiana for 6 or more months in a calendar year, the increased voluntary payments will be calculated as if all such months were missed consecutively.

12.6 If, for the three months that are utilized to calculate the rolling average, there were 100 observations or more on average for the qualifying measurement or sub-measurement, then no increased voluntary payments will be made to the State Fund designated by the Commission. However, if during this same time frame there either is (i) an average of more than 10 but less than 100 observations for a qualifying sub-measure on a statewide basis or (ii) an average of more than 10 but less than 100 for a non-qualifying sub-measure within a qualifying measure where the measure's average is more than 10 but less than 100 observations, then SBC INDIANA shall calculate the payments to be made in addition to the normal payment to the State Fund designated by the Commission by first applying the normal Tier 2 assessment calculation methodology to that qualifying measurement, and then doubling (multiplying by 2) that amount. The effect of this calculation results in total payment being made at three times the normal amount alone.

12.7 Any payments made hereunder shall be subject to the annual threshold set forth in Section 7.4.

13.0 Attached hereto, and incorporated herein by reference, are the following Appendices:

Appendix 1: Performance Measurement Business Rules (Indiana) (a document available from CLEC Account Managers or found on the SBC INDIANA Performance Measurement website)

Appendix 2: Performance Measures Subject to Tier 1 and Tier 2 Damages

Appendix 3: Measurements Subject to Per Occurrence Damages or Assessments With a Cap and Measurements Subject to Per Measure Damages or Assessments

In the event of any inconsistency between Appendices 1, 2 and/or 3 and this performance remedy plan, this performance remedy plan shall supercede and control. In addition, Appendix 1 shall be supplemented by Attachment A hereto.

The parties will propose as part of the PM six-month review collaborative that Appendix 2 and Appendix 3 be moved to attachments to Appendix 1 – SBC INDIANA Performance Measurement User Guide so that they can be updated through the six-month review process as needed.

Line	INDIANA		Recurring		Non-Recurring	
2	**SBC Generic Rates**	**USOC**	Monthly		First	Additional
3	***NETWORK ELEMENTS***					
4	**Loops**					
5	2-Wire Analog - Rural (Rate Class 1) **/3/**	U2HX1	$ 11.50		See NRC prices below	
6	2-Wire Analog - Suburban (Rate Class 2) **/3/**	U2HX2	$ 12.50		See NRC prices below	
7	2-Wire Analog - Metro (Rate Class 3) **/3/**	U2HX3	$ 12.00		See NRC prices below	
8	2-Wir Ground Start, DID/Reverse Battery - Rural (Rate Class 1)	U2WX1	$ 9.57		See NRC prices below	
9	2-Wire Ground Start, DID/Reverse Battery - Suburban (Rate Class 2)	U2WX2	$ 8.90		See NRC prices below	
10	2-Wire Ground Start, DID/Reverse Battery - Metro (Rate Class 3)	U2WX3	$ 8.84		See NRC prices below	
11	2-Wire Ground Start, PBX - Rural (Rate Class 1) **/3/**	U2JX1	$ 11.67		See NRC prices below	
12	2-Wire Ground Start, PBX - Suburban (Rate Class 2) **/3/**	U2JX2	$ 13.01		See NRC prices below	
13	2-Wire Ground Start, PBX - Metro (Rate Class 3) **/3/**	U2JX3	$ 12.63		See NRC prices below	
14	2-Wire COPTS Coin - Rural (Rate Class 1) **/3/**	U2CX1	$ 12.00		See NRC prices below	
15	2-Wire COPTS Coin - Suburban (Rate Class 2) **/3/**	U2CX2	$ 13.46		See NRC prices below	
16	2-Wire COPTS Coin - Metro (Rate Class 3) **/3/**	U2CX3	$ 13.07		See NRC prices below	
17	2-Wire EKL - Rural (Rate Class 1) **/3/**	U2KX1	$ 13.17		See NRC prices below	
18	2-Wire EKL - Suburban (Rate Class 2) **/3/**	U2KX2	$ 15.09		See NRC prices below	
19	2-Wire EKL - Metro (Rate Class 3) **/3/**	U2KX3	$ 14.66		See NRC prices below	
20	Conditioning for dB Loss					
21	4-Wire Analog - Rural (Rate Class 1) **/3/**	U4HX1	$ 27.28		See NRC prices below	
22	4-Wire Analog - Suburban (Rate Class 2) **/3/**	U4HX2	$ 31.49		See NRC prices below	
23	4-Wire Analog - Metro (Rate Class 3) **/3/**	U4HX3	$ 30.59		See NRC prices below	
24	2-Wire Digital - Rural (Rate Class 1) **/3/**	U2QX1	$ 16.00		See NRC prices below	
25	2-Wire Digital - Suburban (Rate Class 2) **/3/**	U2QX2	$ 19.48		See NRC prices below	
26	2-Wire Digital - Metro (Rate Class 3) **/3/**	U2QX3	$ 18.19		See NRC prices below	
27						
28	**DSL Capable Loops**					
29	**2-Wire xDSL Loop**					
30	PSD #1 - 2-Wire xDSL Loop Rate Class 1- Rural **/3/**	2SLA1	$ 9.33		See NRC prices below	
31	PSD #1 - 2-Wire xDSL Loop Rate Class 2- Suburban **/3/**	2SLA2	$ 10.45		See NRC prices below	
32	PSD #1 - 2-Wire xDSL Loop Rate Class 3- Metro **/3/**	2SLA3	$ 9.84		See NRC prices below	
33						
34	PSD #2 - 2-Wire xDSL Loop Rate Class 1- Rural **/3/**	2SLC1	$ 9.33		See NRC prices below	
35	PSD #2 - 2-Wire xDSL Loop Rate Class 2- Suburban **/3/**	2SLC2	$ 10.45		See NRC prices below	
36	PSD #2 - 2-Wire xDSL Loop Rate Class 3- Metro **/3/**	2SLC3	$ 9.84		See NRC prices below	
37						
38	PSD #3 - 2-Wire xDSL Loop Rate Class 1- Rural **/3/**	2SLB1	$ 9.33		See NRC prices below	
39	PSD #3 - 2-Wire xDSL Loop Rate Class 2- Suburban **/3/**	2SLB2	$ 10.45		See NRC prices below	
40	PSD #3 - 2-Wire xDSL Loop Rate Class 3- Metro **/3/**	2SLB3	$ 9.84		See NRC prices below	
41						
42	PSD #4 - 2-Wire xDSL Loop Rate Class 1- Rural **/3/**	2SLD1	$ 9.33		See NRC prices below	
43	PSD #4 - 2-Wire xDSL Loop Rate Class 2- Suburban **/3/**	2SLD2	$ 10.45		See NRC prices below	
44	PSD #4 - 2-Wire xDSL Loop Rate Class 3- Metro **/3/**	2SLD3	$ 9.84		See NRC prices below	
45						
46	PSD #5 - 2-Wire xDSL Loop Rate Class 1- Rural **/3/**	UWRA1	$ 9.33		See NRC prices below	
47	PSD #5 - 2-Wire xDSL Loop Rate Class 2- Suburban **/3/**	UWRA2	$ 10.45		See NRC prices below	
48	PSD #5 - 2-Wire xDSL Loop Rate Class 3- Metro **/3/**	UWRA3	$ 9.84		See NRC prices below	
49						
50	PSD #7 - 2-Wire xDSL Loop Rate Class 1- Rural **/3/**	2SLF1	$ 9.33		See NRC prices below	
51	PSD #7 - 2-Wire xDSL Loop Rate Class 2- Suburban **/3/**	2SLF2	$ 10.45		See NRC prices below	
52	PSD #7 - 2-Wire xDSL Loop Rate Class 3- Metro **/3/**	2SLF3	$ 9.84		See NRC prices below	
53	**4-Wire xDSL Loop**					
54	PSD #3 - 4-Wire xDSL Loop Rate Class 1- Rural **/3/**	4SL11	$ 16.95		See NRC prices below	
55	PSD #3 - 4-Wire xDSL Loop Rate Class 2- Suburban **/3/**	4SL12	$ 19.08		See NRC prices below	
56	PSD #3 - 4-Wire xDSL Loop Rate Class 3- Metro **/3/**	4SL13	$ 18.18		See NRC prices below	
57						
58	**IDSL Capable Loop**					
59	IDSL Loop Class 1 - Rural **/3/**	UY5F1	$ 9.33		See NRC prices below	
60	IDSL Loop Class 2 - Suburban **/3/**	UY5F2	$ 10.45		See NRC prices below	
61	IDSL Loop Class 3 - Metro **/3/**	UY5F3	$ 9.84		See NRC prices below	
62						
63	**LST**					
64	Line & Station Transfer(LST) performed on CODSLAM Loop	URCLD	N/A		$ 165.26	
65						
66						
67	**Loop Qualification Process**					
68	Loop Qualification Process - Mechanized	NR98U	N/A		$ 0.10	N/A
69	Loop Qualification Process - Manual	NRBXU	N/A		TBD	N/A
70	Loop Qualification Process - Detailed Manual	TBD	N/A		TBD	N/A
71						
72	**xDSL Conditioning**					
73	DSL Conditioning Options - >12KFT					
74	Removal of Repeater Options (per unit removed)	NRBXV	N/A		$24.70	N/A
75	Removal Excessive Bridged Tap Option (per unit removed)	NRBXW	N/A		$16.09	N/A
76	Removal of Load Coil (per unit removed)	NRBXZ	N/A		$16.18	N/A
77						
78	**Loop Non-Recurring Charges**					
79	Res/Bus Analog/2-W digital Loop, Initial Request, Install **/3/**	SEPUP	N/A		$ 6.83	N/A
80	Res/BUS Analog/2-w digital Loop, Initial Request, Disconnect **/3/**	NR9OE			$ 4.29	

TBD -To be determined
NRO -Nonrecurring only
ICB -Individal Case Basis
NA -Not Applicable

Line	INDIANA				Recurring		Non-Recurring	
2	**SBC Generic Rates**			**USOC**	Monthly		First	Additional
81		Res/BUS Analog/2-W digital Loop, Subsequent Request **/3/**		REAH9	N/A		$ 6.83	N/A
82		Res/BUS Analog/2-W digital Loop, record Request **/3/**		NR9UP			$ 6.43	
83		Res/Bus Line Connection Standalone Line Connection Charge, Initial, Install **/3/**		SEPUC	N/A		$ 22.48	N/A
84		Res/BUS Standalone Line Connection Charge, Initial, Disconnect **/3/**		NR9OG			$ 7.42	
85		Res/Bus Standalone Line Connection Charge, Additional, Install **/3/**		REAH5	N/A			$ 15.55
86	**/*/**	Res/BUS Standalone Line Connection Charge, Additional, Disconnect **/3/**		PENDING				$ 4.81
87								
88								
89								
90	**SUB-LOOPS**							
91		ECS to SAI sub-loop						
92			2 Wire Analog - Rate Group 3	PENDING	$ 1.73		See NRC prices below	
93			2 Wire Analog - Rate Group 2	PENDING	$ 1.24		See NRC prices below	
94			2 Wire Analog - Rate Group 1	PENDING	$ 3.17		See NRC prices below	
95			4 Wire Analog - Rate Group 3	PENDING	$ 3.44		See NRC prices below	
96			4 Wire Analog - Rate Group 2	PENDING	$ 2.48		See NRC prices below	
97			4 Wire Analog - Rate Group 1	PENDING	$ 6.32		See NRC prices below	
98			2 Wire DSL - Rate Group 3	PENDING	$ 1.73		See NRC prices below	
99			2 Wire DSL - Rate Group 2	PENDING	$ 1.24		See NRC prices below	
100			2 Wire DSL - Rate Group 1	PENDING	$ 3.17		See NRC prices below	
101			4 Wire DSL - Rate Group 3	PENDING	$ 3.44		See NRC prices below	
102			4 Wire DSL - Rate Group 2	PENDING	$ 2.48		See NRC prices below	
103			4 Wire DSL - Rate Group 1	PENDING	$ 6.32		See NRC prices below	
104		ECS to Terminal sub-loop						
105			2 Wire Analog - Rate Group 3	PENDING	$ 5.71		See NRC prices below	
106			2 Wire Analog - Rate Group 2	PENDING	$ 5.95		See NRC prices below	
107			2 Wire Analog - Rate Group 1	PENDING	$ 8.02		See NRC prices below	
108			4 Wire Analog - Rate group 3	PENDING	$ 11.45		See NRC prices below	
109			4 Wire Analog - Rate Group 2	PENDING	$ 11.92		See NRC prices below	
110			4 Wire Analog - Rate Group 1	PENDING	$ 15.99		See NRC prices below	
111			2 Wire DSL - Rate Group 3	PENDING	$ 5.71		See NRC prices below	
112			2 Wire DSL - Rate Group 2	PENDING	$ 5.95		See NRC prices below	
113			2 Wire DSL - Rate group 1	PENDING	$ 8.02		See NRC prices below	
114			4 Wire DSL - Rate Group 3	PENDING	$ 11.45		See NRC prices below	
115			4 Wire DSL - Rate Group 2	PENDING	$ 11.92		See NRC prices below	
116			4 Wire DSL - Rate Group 1	PENDING	$ 15.99		See NRC prices below	
117		ECS to NID sub-loop						
118			2 Wire Analog - Rate group 3	PENDING	$ 6.47		See NRC prices below	
119			2 Wire Analog - Rate Group 2	PENDING	$ 6.72		See NRC prices below	
120			2 Wire Analog - Rate Group 1	PENDING	$ 8.75		See NRC prices below	
121			4 Wire Analog - Rate Group 3	PENDING	$ 12.93		See NRC prices below	
122			4 Wire Analog - Rate Group 2	PENDING	$ 13.46		See NRC prices below	
123			4 Wire Analog - Rate group 1	PENDING	$ 17.51		See NRC prices below	
124			2 Wire DSL - Rate Group 3	PENDING	$ 6.47		See NRC prices below	
125			2 Wire DSL - Rate group 2	PENDING	$ 6.72		See NRC prices below	
126			2 Wire DSL - Rate Group 1	PENDING	$ 8.75		See NRC prices below	
127			4 Wire DSL - Rate Group 3	PENDING	$ 12.93		See NRC prices below	
128			4 Wire DSL - Rate Group 2	PENDING	$ 13.46		See NRC prices below	
129			4 Wire DSL - Rate Group 1	PENDING	$ 17.51		See NRC prices below	
130		SAI to Terminal sub-loop						
131			2 Wire Analog - Rate group 3	PENDING	$ 4.85		See NRC prices below	
132			2 Wire Analog - Rate Group 2	PENDING	$ 5.56		See NRC prices below	
133			2 Wire Analog - Rate Group 1	PENDING	$ 5.90		See NRC prices below	
134			4 Wire Analog - Rate Group 3	PENDING	$ 9.75		See NRC prices below	
135			4 Wire Analog - Rate Group 2	PENDING	$ 11.13		See NRC prices below	
136			4 Wire Analog - Rate Group 1	PENDING	$ 11.77		See NRC prices below	
137			2 Wire DSL - Rate Group 3	PENDING	$ 4.85		See NRC prices below	
138			2 Wire DSL - Rate Group 2	PENDING	$ 5.56		See NRC prices below	
139			2 Wire DSL - Rate Group 1	PENDING	$ 5.90		See NRC prices below	
140			4 Wire DSL - Rate Group 3	PENDING	$ 9.75		See NRC prices below	
141			4 Wire DSL - Rate Group 2	PENDING	$ 11.13		See NRC prices below	
142			4 Wire DSL - Rate Group 1	PENDING	$ 11.77		See NRC prices below	
143		SAI to NID sub-loop						
144			2 Wire Analog - Rate group 3	PENDING	$ 5.60		See NRC prices below	
145			2 Wire Analog - Rate Group 2	PENDING	$ 6.33		See NRC prices below	
146			2 Wire Analog - Rate Group 1	PENDING	$ 6.65		See NRC prices below	
147			4 Wire Analog - Rate Group 3	PENDING	$ 11.24		See NRC prices below	
148			4 Wire Analog - Rate Group 2	PENDING	$ 12.65		See NRC prices below	
149			4 Wire Analog - Rate Group 1	PENDING	$ 13.26		See NRC prices below	
150			2 Wire DSL - Rate Group 3	PENDING	$ 5.60		See NRC prices below	
151			2 Wire DSL - Rate Group 2	PENDING	$ 6.33		See NRC prices below	
152			2 Wire DSL - Rate Group 1	PENDING	$ 6.65		See NRC prices below	
153			4 Wire DSL - Rate Group 3	PENDING	$ 11.24		See NRC prices below	
154			4 Wire DSL - Rate Group 2	PENDING	$ 12.65		See NRC prices below	
155			4 Wire DSL - Rate Group 1	PENDING	$ 13.26		See NRC prices below	
156		Terminal to NID sub-loop						
157			2 Wire Analog - Rate Group 3	PENDING	$ 1.23		See NRC prices below	
158			2 Wire Analog - Rate Group 2	PENDING	$ 1.22		See NRC prices below	

TBD -To be determined
NRO -Nonrecurring only
ICB -Individal Case Basis
NA -Not Applicable

Line	INDIANA				Recurring		Non-Recurring	
2	**SBC Generic Rates**			**USOC**	Monthly		First	Additional
159			2 Wire Analog - Rate Group 1	PENDING	$ 1.22		See NRC prices below	
160			4 Wire Analog - Rate Group 3	PENDING	$ 2.49		See NRC prices below	
161			4 Wire Analog - Rate Group 2	PENDING	$ 2.48		See NRC prices below	
162			4 Wire Analog - Rate Group 1	PENDING	$ 2.43		See NRC prices below	
163			2 Wire DSL - Rate Group 3	PENDING	$ 1.23		See NRC prices below	
164			2 Wire DSL - Rate Group 2	PENDING	$ 1.22		See NRC prices below	
165			2 Wire DSL - Rate Group 1	PENDING	$ 1.22		See NRC prices below	
166			4 Wire DSL - Rate Group 3	PENDING	$ 2.49		See NRC prices below	
167			4 Wire DSL - Rate Group 2	PENDING	$ 2.48		See NRC prices below	
168			4 Wire DSL - Rate Group 1	PENDING	$ 2.43		See NRC prices below	
169		NID sub-loop element						
170			2 Wire Analog - Rate Group 3	PENDING	$ 0.16		See NRC prices below	
171			2 Wire Analog - Rate Group 2	PENDING	$ 0.16		See NRC prices below	
172			2 Wire Analog - Rate Group 1	PENDING	$ 0.16		See NRC prices below	
173			4 Wire Analog - Rate Group 3	PENDING	$ 0.32		See NRC prices below	
174			4 Wire Analog - Rate Group 2	PENDING	$ 0.32		See NRC prices below	
175			4 Wire Analog - Rate Group 1	PENDING	$ 0.32		See NRC prices below	
176			2 Wire DSL - Rate Group 3	PENDING	$ 0.16		See NRC prices below	
177			2 Wire DSL - Rate Group 2	PENDING	$ 0.16		See NRC prices below	
178			2 Wire DSL - Rate Group 1	PENDING	$ 0.16		See NRC prices below	
179			4 Wire DSL - Rate Group 3	PENDING	$ 0.32		See NRC prices below	
180			4 Wire DSL - Rate Group 2	PENDING	$ 0.32		See NRC prices below	
181			4 Wire DSL - Rate Group 1	PENDING	$ 0.32		See NRC prices below	
182			2 Wire ISDN Compatible - Rate Group 3	PENDING	$ 0.16		See NRC prices below	
183			2 Wire ISDN Compatible - Rate Group 2	PENDING	$ 0.16		See NRC prices below	
184			2 Wire ISDN Compatible - Rate Group 1	PENDING	$ 0.16		See NRC prices below	
185		**Sub-Loop Non-Recurring Charges**						
186			2-Wire Analog Sub-Loop	PENDING			$ 185.80	
187			4-Wire Analog Sub-Loop	PENDING			$ 186.65	
188			2-Wire xDSL Digital Sub-Loop	PENDING			$ 214.54	
189			4-Wire xDSL Digital Sub-Loop	PENDING			$ 218.09	
190			2-Wire ISDN Digital Sub-Loop	PENDING			$ 236.77	
191		**Service Order Charge**						
192			Establish, per occasion	PENDING			$ 14.57	
193			Add or change, per occasion	PENDING			$ 14.57	
194		**Line Connection Charge**						
195			per occasion	PENDING			$ 29.33	
196								
197	**Cross Connects**							
198		2-Wire		CXCT2	$ 0.14		NA	NA
199								
200								
201	**Enhanced Extended Loop (EEL) Service Order per LSR**							
202	**/*/**	Electronic, Analog/2-Wire Digital Loop, Establishment Request,Install **/3/**		PENDING			$ 6.89	
203	**/*/**	Electronic, Analog/2-Wire Digital Loop, Establishment Request, Disconnect **/3/**		PENDING			$ 4.20	
204	**/*/**	Electronic, Analog/2-Wire Digital Loop, Subsequent Order **/3/**		PENDING				$ 6.14
205	**/*/**	Manual, Analog /2-Wire Digital Loop, Establishment Request, Install **/3/**		PENDING			$ 51.78	
206	**/*/**	Manual, Analog /2-Wire Digital Loop, Establishment Request, Disconnect **/3/**		PENDING			$ 34.80	
207	**/*/**	Manual, Analog{2-Wire Digital Loop, Subsequent Order **/3/**		PENDING				$ 48.55
208								
209	**Enhanced Extended Loop (EEL) New Combination per Element**							
210	**/*/**	2Wire Analog Loop Connection, Initial, Install **/3/**		PENDING			$ 91.87	
211	**/*/**	2- Wire Analog Loop Connection, Initial, Disconnect **/3/**		PENDING			$ 15.48	
212	**/*/**	2-Wire Analog(Loop Connection, Additional, Install **/3/**		PENDING				$ 66.36
213	**/*/**	2- Wire Analog/ Loop Connection, Additional, Disconnect **/3/**		PENDING				$ 10.55
214	**/*/**	4-Wire Analog/ Loop Connection, Initial, Install **/3/**		PENDING			$ 93.41	
215	**/*/**	4-Wire Analog Loop Connection, Initial, Disconnect **/3/**		PENDING			$ 17.04	
216	**/*/**	4-Wire Analog Loop Connection, Additional, Install **/3/**		PENDING				$ 67.89
217	**/*/**	4- Wire Analog Loop Connection, Additional, Disconnect **/3/**		PENDING				$ 12.11
218	**/*/**	2-Wire Digital Loop Connection, Initial, Install **/3/**		PENDING			$ 100.08	
219	**/*/**	2-Wire Digital Loop Connection, Initial, Disconnect **/3/**		PENDING			$ 14.98	
220	**/*/**	2-Wire Digital Loop Connection, Additional, Install **/3/**		PENDING				$ 66.20
221	**/*/**	2-Wire Digital Loop Connection, Additional, Disconnect **/3/**		PENDING				$ 10.05
222								
223		**Routine Modifications**						
224			**Routine Modifications of Existing Facilities Charge**	**NA**	**NA**		**ICB**	**NA**
225								
226	**LNP**							
227	Local Number Portability **/4/**			NSR	$0.00		N/A	
228								
229	Maintenance of Service Charges			VRP	NA		$ 51.00	NA
230								
231								
232	***OTHER***							
233		**DIRECTORY ASSISTANCE**						
234								
235		**Facility-Based DA**						
236			Directory Assistance, per call	OPEN	$ 0.30		NA	NA
237			Directory Assistance Call Completion (DACC)	OPEN	$ 0.15		NA	NA

TBD -To be determined
NRO -Nonrecurring only
ICB -Individal Case Basis
NA -Not Applicable

Line	INDIANA				Recurring		Non-Recurring	
2	**SBC Generic Rates**			**USOC**	Monthly		First	Additional
238			Directory Assistance/National Directory Assistance, Reverse DA, per call	OPEN	$ 0.35		NA	NA
239			Branding - Other - Initial/Subsequent Load	OPEN			$1,800.00	NA
240			- per call	OPEN	$ 0.025			
241			Branding - Facility Based - Initial/Subsequent Load					
242			- Branding, per trunk group	OPEN	NA		$ 800.00	NA
243			Directory Assistance - Rate Reference - Initial Load	OPEN	NA		$ 2,200.00	NA
244			Directory Assistance - Rate Reference - Subsequent Load	OPEN	NA		$ 1,000.00	NA
245								
246		**DA Listings**						
247		**DA Listing Liscense**						
248			Option #1 Full File (all states inclusive) Non-Billable Release (no query charges)					
249			- per listing for initial load	OPEN	NA		$ 0.040	NA
250			- per listing for subsequent updates	OPEN	NA		$ 0.060	NA
251			Option #2 Full File (all states inclusive) Billable Release					
252			- per listing for initial load	OPEN	NA		$ 0.020	NA
253			- per listing for subsequent updates	OPEN	NA		$ 0.030	NA
254			- per usage/query	OPEN	NA		$ 0.020	NA
255			Option #3 Pick & Choose (by state) Non-billable Release (no query charges)					
256			- per listing for initial load	OPEN	NA		$ 0.050	NA
257			- per listing for subsequent updates	OPEN	NA		$ 0.060	NA
258			Option #4 Pick & Choose (by state) Billable Release					
259			- per listing for initial load	OPEN	NA		$ 0.020	NA
260			- per listing for subsequent updates	OPEN	NA		$ 0.030	NA
261			- per usage/query	OPEN	NA		$ 0.020	NA
262								
263		**OPERATOR SERVICES**						
264			Fully Automated Call Processing, per occurrence	OPEN	$ 0.15		NA	NA
265			Operator Assisted Call Processing, per work second	OPEN	$ 0.02		NA	NA
266			Branding - Other - Initial/Subsequent Load	OPEN			$ 1,800.00	NA
267			- per call	OPEN	$ 0.025			
268			Branding - Facility Based - Initial/Subsequent Load					
269			- per trunk group	OPEN	NA		$ 800.00	NA
270			Operator Services - Rate Reference - Initial Load	OPEN	NA		$ 2,200.00	NA
271			Operator Services - Rate Reference - Subsequent Load	OPEN	NA		$ 1,000.00	NA
272								
273		**Ancillary Message Billing Compensation (Per Message)**		OPEN	$ 0.03		NA	NA
274								
275								
276		**Structure Access - Poles & Ducts**			Annually			
277			Per Pole attachment*	OPEN	$ 3.08			
278			Per Foot of innerduct	OPEN	$ 0.33			
279			Application fee	OPEN			$ 200.00	
280			*For (1) each one foot of usable space, or fraction thereof, occupied and (2) each					
281			additional one foot of space, or fraction thereof, rendered unusable by the attachment's presence.					
282								
283		**Emergency Number Service Access**						
284			911 Selective Router Interconnection					
285			-Each DSO installed	USAGE	$ -		$ 665.49	
286			-Analog Channel Interface	EVG9X	$ 26.64		$ 770.97	
287			ANI/ALI/SR and Database Management					
288			- Per 100 records, rounded up to nearest 100	9S89X	$ 3.55		$ -	
289								
290			Access Routing File, per carrier	USAGE	$ 50.80			
291			911 Selective Router Switch Administration					
292			-Per Selective Router	USAGE	$ 5.57		$ 1,717.33	
293								
294	**INTERCARRIER COMPENSATION**							
295								
296		**Rate for All ISP-Bound and Section 251(b)(5) Traffic, as per FCC 01-131, per MOU**		USAGE	$ 0.000700			
297								
298								
299	/1/	**Pursuant to March 28, 2002 IURC order in Cause No. 40611-S1, this charge will be applicable only after the third party OSS test is complete for Indiana**						
300								
301	/2/	**Rates are the result of 3/28/02 IURC order in Indiana Case 40611-S1. Rates are subject to SBC Indiana reservation of rights pertaining to that order,**						
302		**and subject to modification as a result of reconsideration, appeal, further IURC action, or other change of law.**						
303								
304	/3/	**Rates are the result of 1/5/04 IURC order in Indiana Cause 42393. Rates are subject to each party's reservation of rights pertaining to that order, and subject to modification as a result of reconsideration, appeal, further IURC action, or other change of law.**						
305								
306	/*/	**As of January 5, 2003, SBC Indiana's billing systems are unable to bill this rate/rate structure in the manner SBC Indiana intends to eventually. SBC Indiana may adopt interim measures in order to render a bill to CLEC for applicable charges in advance of system changes. Details of any interim measures will be made available via Accessible Letter. Please contact your SBC Indiana local wholesale account manager with any questions.**						
307								
308	/4/	**Pursuant to FCC Tariff #2 Section 4, effective from June 1, 2004, billing shall cease effective October 1, 2004.**						
309								
310								
311	***RESALE***						***RESALE DISCOUNTS***	
312		**BUSINESS**			RECURRING		NON-RECURRING	

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

Line	INDIANA		Recurring		Non-Recurring	
2	**SBC Generic Rates**	**USOC**	Monthly		First	Additional
313	**LOCAL EXCHANGE SERVICE**					
314	Business 1 Party	RESALE	21.46%		21.46%	
315	Business - Measured	RESALE	21.46%		21.46%	
316	Customer Operated Pay Telephone (COPT)	RESALE	21.46%		21.46%	
317						
318	**EXPANDED LOCAL CALLING**					
319	Extended Area Service	RESALE	21.46%		21.46%	
320						
321	**VERTICAL SERVICES**					
322	Anonymous Call Rejection	RESALE	21.46%		21.46%	
323	Repeat Dialing (Auto Redial)	RESALE	21.46%		21.46%	
324	Repeat Dialing-Per Use (Auto Redial - Usage Sensitive)	RESALE	21.46%		21.46%	
325	Call Blocker	RESALE	21.46%		21.46%	
326	Call Forwarding	RESALE	21.46%		21.46%	
327	Call Forwarding - Busy Line	RESALE	21.46%		21.46%	
328	Call Forwarding - Busy Line/Don't Answer	RESALE	21.46%		21.46%	
329	Call Forwarding - Don't Answer	RESALE	21.46%		21.46%	
330	Automatic CallBack (Call Return)	RESALE	21.46%		21.46%	
331	Automatic CallBack-Per Use (Call Return - Usage Sensitive)	RESALE	21.46%		21.46%	
332	Call Trace	RESALE	21.46%		21.46%	
333	Call Waiting	RESALE	21.46%		21.46%	
334	Caller ID WithName (Calling Name)	RESALE	21.46%		21.46%	
335	Caller ID (Calling Number)	RESALE	21.46%		21.46%	
336	MultiRing Service -1 (Personalized Ring -1 Dependent Number)	RESALE	21.46%		21.46%	
337	MultiRing Service -2 (Personalized Ring - 2 Dependent Numbers)	RESALE	21.46%		21.46%	
338	Remote Access to Call Forwarding (Grandfathered)	RESALE	0.00%		0.00%	
339	Selective Call Forwarding	RESALE	0.00%		0.00%	
340	Multi-Path Call Forwarding (Simultaneous Call Forwarding)	RESALE	21.46%		21.46%	
341	Remote Call Forwarding-Per Feature	RESALE	21.46%		21.46%	
342	RCF, Interstate, Interexchange	RESALE	21.46%		21.46%	
343	RCF, Intrastate	RESALE	21.46%		21.46%	
344	RCF, Interstate, International	RESALE	21.46%		21.46%	
345	RCF, Intrastate, Interexchange	RESALE	21.46%		21.46%	
346	RCF to 800	RESALE	21.46%		21.46%	
347	RCF Additional	RESALE	21.46%		21.46%	
348	Speed Calling 8	RESALE	21.46%		21.46%	
349	Speed Calling 30	RESALE	21.46%		21.46%	
350	Three Way Calling	RESALE	21.46%		21.46%	
351	Call Screening	RESALE	21.46%		21.46%	
352	Busy Line Transfer	RESALE	21.46%		21.46%	
353	Alternate Answer	RESALE	21.46%		21.46%	
354	Message Waiting - Tone	RESALE	21.46%		21.46%	
355	Easy Call	RESALE	21.46%		21.46%	
356	Prime Number Service	RESALE	21.46%		21.46%	
357	SBC Indiana Privacy Manager	RESALE	21.46%		21.46%	
358	Name and Number Delivery Service	RESALE	21.46%		21.46%	
359						
360	**DID**					
361	DID	RESALE	21.46%		21.46%	
362						
363	**TRUNKS**					
364	Trunk	RESALE	21.46%		21.46%	
365						
366	**AIN**					
367	Area Wide Networking	RESALE	21.46%		21.46%	
368	SBC Indiana Switch Alternate Routing (ANSAR)	RESALE	21.46%		21.46%	
369	SBC Indiana Customer Location Alternate Routing (ACLAR)	RESALE	21.46%		21.46%	
370						
371	**OTHER**					
372	Grandfathered Services	RESALE	0.00%		0.00%	
373	Promotions (Greater than 90 days)	RESALE	21.46%		21.46%	
374	TouchTone (Business)	RESALE	21.46%		21.46%	
375	TouchTone (Trunk)	RESALE	21.46%		21.46%	
376	900/976 Call Blocking (900/976 Call Restriction)	RESALE	0%		0%	
377	976 (976 Information Delivery Service)	RESALE	0%		0%	
378	Access Services (See Access Tariff)	RESALE	0%		0%	
379	Additional Directory Listings	RESALE	21.46%		21.46%	
380	Carrier Disconnect Service (Company Initiated Suspension Service)	RESALE	0%		0%	
381	Connection Services	RESALE	21.46%		21.46%	
382	Premise Services/Line Backer (Maintenance of Service Charges)	RESALE	0%		0%	
383	Shared Tenant Service	RESALE	0%		0%	
384	Restoral of Service Charge	RESALE	0%		21.46%	
385	**Data Services**					
386	Gigabit Ethernet Metropolitan Area Network (GigaMAN)	RESALE	21.46%		21.46%	
387	PBX Trunks	RESALE	21.46%		21.46%	
388	Mulit-Service Optical Network (MON)	RESALE	21.46%		21.46%	
389	OCn-PTP	RESALE	21.46%		21.46%	
390	ADTS-E	RESALE	21.46%		21.46%	

TBD -To be determined
NRO -Nonrecurring only
ICB -Individal Case Basis
NA -Not Applicable

Line	INDIANA			Recurring		Non-Recurring	
2	**SBC Generic Rates**		**USOC**	Monthly		First	Additional
391		DS0	RESALE	21.46%		21.46%	
392		DS1	RESALE	21.46%		21.46%	
393		DS3	RESALE	21.46%		21.46%	
394							
395		**ISDN**					
396		ISDN	RESALE	21.46%		21.46%	
397							
398		**DIRECTORY ASSISTANCE SERVICES**	RESALE	21.46%		20.29%	
399		Local Operator Assistance Service	RESALE	21.46%		21.46%	
400							
401		**TOLL**					
402		TOLL	RESALE	21.46%		21.46%	
403							
404		**OPTIONAL TOLL CALLING PLANS**					
405		Optional Toll Calling Plans	RESALE	21.46%		21.46%	
406							
407		**CENTREX (PLEXAR)**					
408		SBC Indiana Centrex Service ACS	RESALE	21.46%		21.46%	
409		SBC Indiana Centrex Network Manager	RESALE	0.00%		0.00%	
410							
411		**PRIVATE LINE**					
412		Analog Private Lines	RESALE	21.46%		21.46%	
413		Private Line Channel Services	RESALE	21.46%		21.46%	
414							
415		**RESIDENCE**				***RESALE DISCOUNTS***	
416		**LOCAL EXCHANGE SERVICE**		RECURRING		NON-RECURRING	
417		Life Line	RESALE	0.00%		0.00%	
418		Residence 1 Party	RESALE	21.46%		21.46%	
419		Residence Measured	RESALE	21.46%		21.46%	
420							
421		**EXPANDED LOCAL CALLING**					
422		Extended Area Service	RESALE	21.46%		21.46%	
423		**VERTICAL SERVICES**					
424		Anonymous Call Rejection	RESALE	21.46%		21.46%	
425		Repeat Dialing (Auto Redial)	RESALE	21.46%		21.46%	
426		Repeat Dialing -Per Use (Auto Redial - Usage Sensitive)	RESALE	21.46%		21.46%	
427		Call Blocker	RESALE	21.46%		21.46%	
428		Call Forwarding	RESALE	21.46%		21.46%	
429		Call Forwarding - Busy Line	RESALE	21.46%		21.46%	
430		Call Forwarding - Busy Line/Don't Answer	RESALE	21.46%		21.46%	
431		Call Forwarding - Don't Answer	RESALE	21.46%		21.46%	
432		Automatic Call-Back (Call Return)	RESALE	21.46%		21.46%	
433		Automatic Call-Back Per Use (Call Return - Usage Sensitive)	RESALE	21.46%		21.46%	
434		Call Trace	RESALE	21.46%		21.46%	
435		Call Waiting	RESALE	21.46%		21.46%	
436		Caller ID with Name (Calling Name)	RESALE	21.46%		21.46%	
437		Caller ID (Calling Number)	RESALE	21.46%		21.46%	
438		Multi-Ring Service - 1 (Personalized Ring- 1 dependent number)	RESALE	21.46%		21.46%	
439		Multi-Ring Service - 2 (Personalized Ring - 2 dependent numbers - 1st dependent number)	RESALE	21.46%		21.46%	
440		Remote Access to Call Forwarding (GF)	RESALE	21.46%		21.46%	
441		RCF, Interstate, Interexchange	RESALE	21.46%		21.46%	
442		RCF, Intrastate	RESALE	21.46%		21.46%	
443		RCF, Interstate, International	RESALE	21.46%		21.46%	
444		RCF, Intrastate, Interexchange	RESALE	21.46%		21.46%	
445		RCF to 800	RESALE	21.46%		21.46%	
446		RCF Additional	RESALE	21.46%		21.46%	
447		Selective Call Forwarding	RESALE	21.46%		21.46%	
448		Speed Calling 8	RESALE	21.46%		21.46%	
449		Three Way Calling	RESALE	21.46%		21.46%	
450		Call Screening	RESALE	21.46%		21.46%	
451		Busy Line Transfer	RESALE	21.46%		21.46%	
452		Alternate Answer	RESALE	21.46%		21.46%	
453		Message Waiting - Tone	RESALE	21.46%		21.46%	
454		Easy Call	RESALE	21.46%		21.46%	
455		SBC Indiana Privacy Manager	RESALE	21.46%		21.46%	
456		Name and Number Delivery Service	RESALE	21.46%		21.46%	
457							
458		**ISDN**					
459		ISDN	RESALE	21.46%		21.46%	
460							
461		**DIRECTORY ASSISTANCE SERVICES**	RESALE	21.46%		21.46%	
462		Local Operator Assistance Service	RESALE	21.46%		21.46%	
463		Reverse Directory Assistance	RESALE	$1.25		NA	
464							
465		**OTHER**					
466		Grandfathered Services	RESALE	0.00%		0.00%	
467		Promotions (Greater than 90 Days)	RESALE	21.46%		21.46%	
468		TouchTone	RESALE	21.46%		21.46%	
469		Home Services Packages	RESALE	21.46%		21.46%	

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

Line	INDIANA		Recurring		Non-Recurring	
2	**SBC Generic Rates**	**USOC**	Monthly		First	Additional
470	900/976 Call Blocking (900/976 Call Restriction)	RESALE	21.46%		21.46%	
471	976 (976 Information Delivery Service)	RESALE	21.46%		21.46%	
472	Access Services (See Access Tariff)	RESALE	0%		0%	
473	Additional Directory Listings	RESALE	21.46%		21.46%	
474	Carrier Disconnect Service (Company Initiated Suspension Service)	RESALE	21.46%		21.46%	
475	Connection Services	RESALE	21.46%		21.46%	
476	Premise Services/Line Backer (Maintenance of Service Charges)	RESALE	0%		0%	
477	Shared Tenant Service	RESALE	0%		0%	
478						
479	**TOLL**					
480	Custom and Dedicated 800 Service (Home 800)	RESALE	21.46%		21.46%	
481	IntraLATA MTS	RESALE	21.46%		21.46%	
482	Toll Restriction	RESALE	21.46%		21.46%	
483						
484	**Electronic Billing Information Data (daily usage)**	RESALE	$0.00			
485	per message					
486						
487						
488	**Line Connection Charge**					
489	Residence	RESALE			2146%	
490	Business	RESALE			2146%	
491						
492	**Service Order/Service Request Charge**					
493	Residence	RESALE			2146%	
494	Business	RESALE			2146%	
495						
496	**Non-Electronic (Manual) Service Order Charge**					
497	Residence	RESALE			$9.02	
498	Business	RESALE			$9.02	
499						
500						

TBD -To be determined
NRO -Nonrecurring only
ICB -Individal Case Basis
NA -Not Applicable

APPENDIX-PRICING
(INDIANA)

TABLE OF CONTENTS

1. INTRODUCTION 3
2. RECURRING CHARGES 6
3. NON-RECURRING CHARGES 7
4. BILLING 7

APPENDIX PRICING
(INDIANA)

1. INTRODUCTION

1.1 This Appendix sets forth the pricing terms and conditions only for the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) identified in 1.3 below. The rate table included in this Appendix is divided into the following five categories: Unbundled Network Elements (UNEs), Resale, Other (Resale), Other and Reciprocal Compensation. These categories are for convenience only and shall not be construed to define or limit any of the terms herein or affect the meaning or interpretation of this Agreement, including but not limited to the term "Lawful UNE," as that term is defined and used in this Agreement.

1.2 SBC Communications Inc. (SBC) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.3 SBC INDIANA - As used herein, SBC INDIANA means Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, the applicable SBC-owned ILEC doing business in Indiana.

1.4 Replacement of Non-Interim Rates

Certain of the non-interim rates, prices and charges set forth in this Agreement may have been established by the Commission ("Commission-established Non-Interim Rate(s)"). All rates included in this Agreement that are not specifically excluded from treatment under this Section 1.4, or that are not marked as interim or as "TBD" (To Be Determined) shall be considered Commission-established Non-Interim Rates. If, during the Term of this Agreement the Commission or the FCC modifies a Commission-established Rate(s) in an order or docket that is established by the Commission or FCC to be generally applicable to the Interconnection, Unbundled Network Elements, Collocation, functions, facilities, Resale discounts, or products or services ("Products or Services") available under this Agreement (i.e. *not* an order or docket relating only to a specific complaint or interconnection agreement arbitration), either Party may provide written notice ("Rate Change Notice") to the other Party, ***after the effective date of such order***, that it wishes for the modified Commission-established Non-Interim Rate(s), ("Modified Rate(s)") to replace and supersede the Commission-established Non-Interim Rate(s) already set forth in this Agreement. Following such Rate Change Notice by either Party, and without the need for any formal amendment or further Commission action, the CLEC's billing tables will be updated to reflect (and CLEC will be charged) the Modified Rate(s), pursuant to timeframes as specifically set forth in Sections 1.4.1 and 1.4.3, below, and the Modified Rate(s) will be deemed effective between the Parties as provided in Sections 1.4.1 and 1.4.3, below. Nonetheless, the Parties shall negotiate a conforming amendment which shall reflect that the Commission-established Non-Interim Rate(s) were replaced by the Modified Rate(s), and shall submit such Amendment to the state commission for approval. In addition, as soon as is reasonably practicable after such Rate Change Notice, each Party shall issue to the other Party any adjustments that are necessary to reflect that the Modified Rate(s) became effective between the Parties as provided below:

1.4.1 If the Rate Change Notice is issued by a Party within ninety (90) days after the effective date of any such order, the Modified Rate(s) will be deemed effective between the Parties as of the effective date of the order, and SBC INDIANA will issue any adjustments that are appropriate (e.g., billing of additional charges, billing credit adjustments) to retroactively true-up the Modified Rate(s) with the Commission-established Non-Interim Rate(s) for the period after the effective date of the order, in accordance herewith.

1.4.2 In the event that neither Party issues a Rate Change Notice to the other Party with respect to an order, the Commission-established Non-Interim Rate(s) set forth in the Agreement shall continue to apply, notwithstanding the issuance of that order.

1.4.3 In the event that a Party issues a Rate Change Notice under this Section 1.4, but not within ninety (90) days after the effective date of the order, then the Modified Rate(s) will be deemed effective between the Parties as of the date the amendment incorporating such Modified Rate(s) into the Agreement is effective between the Parties (following the date the amendment is approved or is deemed to have been approved by the state commission), and shall apply, upon the amendment effective date, on a prospective basis only. Further, the Party shall be foreclosed from replacing or otherwise superseding the Commission-established Non-Interim Rate(s) with the Modified Rate(s) for any period prior to the effective date of such amendment.

1.4.4 In the event the terms and conditions of this Section 1.4 was not part of an approved and effective agreement between the Parties at the time the order became effective, either Party may still give a Rate Change Notice, and the Modified Rate(s) shall be effective as of the date the Parties' Agreement (the Agreement containing this Section 1.4) becomes effective (following the date the Agreement is approved or deemed to have been approved by the Commission) and shall apply, beginning on the Agreement's effective date, on a prospective basis only. Further, the Party shall be foreclosed from replacing or otherwise superseding the Commission-established Non-Interim Rate(s) with the Modified Rate(s) for any period prior to the effective date of the Agreement containing this Section 1.4.

1.5 The Parties understand and agree that on May 9, 2003, the Public Utilities Act of Illinois was amended to add Sections 13-408 and 13-409, 220 ILCS 5/13-408 and 13-409, and enacted into law ("Illinois Law"). The Illinois Law establishes a specific method for setting certain UNE rates in Illinois, mandates that the Illinois Commerce Commission ("ICC") apply the method and determine the rates ("ICC Rates"), and expressly deems all interconnection agreements to be amended to contain the ICC Rates immediately upon the ICC's announcement of such adjusted rates, without further action. The Parties understand and agree that the rates in the attached Pricing Schedule are based upon SBC 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, SBC 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 SBC Illinois will issue any adjustments, as needed (e.g., billing of additional charges, billing credit adjustments), to reflect that the ICC Rates became effective between the Parties as of the effective date of the applicable ICC order(s) and to retroactively true-up the ICC Rates with the corresponding rates currently contained in this Agreement (for the state of Illinois only) for the period after the effective date of the applicable ICC order(s), in accordance herewith.

1.6 Replacement of Interim Rates

Certain of the rates, prices and charges set forth in this Agreement may be denoted as interim rates ("Current Interim Rates"). Upon the effective date of a Commission Order establishing non-interim rates for any rates, prices, charges, Products or Services specifically identified herein as interim, either Party may, within ninety (90) days ***after the effective date of such Commission order***, provide written notice ("Replacement Rate Notice") to the other Party that it wishes to obtain the non-interim Commission-established rate(s) ("Replacement Rates") to replace and supersede the Current Interim Rate counterpart(s) in this Agreement. Following such Replacement Rate Notice, and without the need for any formal amendment or further Commission action, SBC INDIANA will update CLEC's billing tables to replace the Current Interim Rates with their Replacement Rate(s) counterpart(s), as specified in the

Replacement Rate Notice. Nonetheless, the Parties shall negotiate a conforming amendment to reflect such Replacement Rates and shall submit such amendment to the Commission for approval.

1.6.1 If the Replacement Rate Notice is given within 90 days after the effective date of such order, then the Replacement Rate(s) shall apply as of the effective date of the order and SBC INDIANA will issue any adjustments that are appropriate (e.g., billing of additional charges, billing credit adjustments) to retroactively true-up the Replacement Rates with the Current Interim Rates for the period after the effective date of this Agreement, in accordance herewith.

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

1.6.3 In the event that a Party issues a Rate Notice under this Section 1.6, but not within ninety (90) days after the effective date of the order, then the Replacement Rate(s) will be deemed effective between the Parties as of the date the amendment incorporating such Replacement Rate(s) into the Agreement is effective between the Parties (following the date the amendment is approved or is deemed to have been approved by the Commission), and shall apply, upon the amendment effective date, on a prospective basis only. Further, the Party shall be foreclosed from replacing or otherwise superseding the Current Interim Rate(s) with the Replacement Rate(s) for any period prior to the effective date of such amendment.

1.6.4 In the event the terms and conditions of this Section 1.6 was not part of an approved and effective agreement between the Parties at the time the order became effective, either Party may still give a Replacement Rate Notice, and the Replacement Rate(s) shall be effective as of the date the Parties' Agreement (the Agreement containing this Section 1.6) becomes effective (following the date the Agreement is approved or deemed to have been approved by the Commission) and shall apply, beginning on the Agreement's effective date, on a prospective basis only. Further, the Party shall be foreclosed from replacing or otherwise superseding the Current Interim Rate(s) with the Replacement Rate(s) for any period prior to the effective date of the Agreement containing this Section 1.6.

1.7 Notice to Adopting CLECs

1.7.1 Notwithstanding anything to the contrary in this Appendix and Agreement, in the event that any other telecommunications carrier should adopt provisions in the Agreement pursuant to Section 252(i) of the Act ("Adopting CLEC"), the Adopting CLEC would only be entitled to the non-interim and/or interim rates set forth in this Agreement as of the date that the MFN'd Agreement provisions become effective between SBC INDIANA and the Adopting CLEC (i.e., following the date the Commission approves or is deemed to have approved the Adopting CLEC's Section 252(i) adoption ("MFN Effective Date")) and on a prospective basis only. Nothing in this Agreement shall entitle an Adopting CLEC to any retroactive application of any rates under this Agreement to any date prior to the MFN Effective Date and any Adopting CLEC is foreclosed from making any such claim hereunder.

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

For Loops:

Exchange Area Rate Group:	Total Access Lines:
1	See: Tariff 20, Part 4, Section 2, Sheets 2-2.1
2	See: Tariff 20, Part 4, Section 2, Sheets 2-2.1
3	See: Tariff 20, Part 4, Section 2, Sheets 2-2.1

1.9 SBC INDIANA's obligation to provide Interconnection, Lawful Unbundled Network Elements, Collocation, Resale discounts, functions, facilities, products or services ("Products or Services") under this Agreement does not extend to Products or Services for which rates, terms and conditions are not contained in this Agreement. Accordingly, to the extent a CLEC orders a Product or Service for which there are not rates, terms and conditions contained in this Agreement, SBC INDIANA may reject the order. In the event such

an order is rejected, and the Product or Service is appropriate for BFR treatment under the BFR provisions set forth in Appendix Lawful UNEs of this Agreement, the CLEC may submit a BFR, which will be evaluated pursuant to such BFR provisions. Alternatively, if the Product or Service is available in a state commission approved Agreement in the state in which the CLEC is seeking to order the Product or Service, the CLEC may: (i) seek to adopt pursuant to Section 252(i) of the Act the rates, terms and conditions for such Product or Service (including any legitimately related terms) from a state commission approved Agreement in that state in which such Product or Service is available; or (ii) seek to amend this Agreement to incorporate rates, terms and conditions for the Product or Service into this Agreement, to the extent such Product or Service is still available at the time of the request. In the event that CLEC orders, and SBC INDIANA provisions, a Product or Service to CLEC for which there are not rates, terms and conditions in this Agreement, then CLEC understands and agrees that one of the following will occur:

1.9.1 CLEC shall pay for the Product or Service provisioned to CLEC at the rates set forth in SBC INDIANA'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 SBC INDIANA's current generic contract rate for the Product or Service set forth in SBC INDIANA's applicable state-specific generic pricing schedule as published on SBC INDIANA's CLEC website; or

1.9.2 CLEC will be billed and shall pay for the product or service as provided in Section 1.9.1, above, and SBC INDIANA may, without further obligation, reject future orders and further provisioning of the product or service until such time as applicable rates, terms and conditions are incorporated into this Agreement as set forth in this Section 1.9.

1.9.3 SBC INDIANA's provisioning of orders for such Products or Services is expressly subject to this Section 1.9 and in no way constitutes a waiver of SBC INDIANA's right to charge and collect payment for such Products and/or Services.

1.10 Establishment of "TBD" Rates

1.10.1 When a rate, price or charge in this Agreement is noted as "To Be Determined" or "TBD" or is blank, the Parties understand and agree that when a rate, price or charge is established by SBC INDIANA for that Product or Service and incorporated into SBC INDIANA's current state-specific generic pricing schedule as published on SBC INDIANA'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 SBC INDIANA provisioned for that Product or Service without the need for any additional modification(s) to this Agreement or further Commission action. SBC INDIANA 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, SBC INDIANA shall bill CLEC to reflect the application of the Established Rate retroactively to the effective date of the Agreement between the Parties.

1.10.2 SBC INDIANA'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 SBC INDIANA's right to charge and collect payment for such Products and/or Services.

2. RECURRING CHARGES

2.1 Unless otherwise identified in the Pricing Tables, where rates are shown as monthly, a month will be defined as a 30 day calendar month. The minimum term for each monthly rated Unbundled Network Element (UNE), Resale, Other (Resale), Other and Reciprocal Compensation elements will be one (1) month. After the initial month, billing will be on the basis of whole or fractional months used. The minimum

term for non-monthly rated UNEs, if applicable, will be specified in the rate table included in this Appendix. A longer minimum service period may apply for Lawful UNEs provided under the BFR process, as set forth in the Lawful UNEs Appendix of this Agreement.

2.2 For purposes of reciprocal compensation only, measurement of minutes of use over Local Interconnection Trunk Groups shall be in actual conversation seconds. The total conversation seconds over each individual Local Interconnection Trunk Group will be totaled for the entire monthly bill and then rounded to the next whole minute.

2.3 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 SBC INDIANA 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, SBC INDIANA will round up to the next whole mile before determining the mileage and applying rates.

3. NON-RECURRING CHARGES

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

3.2 Nonrecurring Charges may be applicable for all five (5) categories of rates.

3.3 Consistent with FCC Rule 51.307(d), there may be non-recurring charges for each Lawful UNE.

3.4 For Resale, when a CLEC converts an End User currently receiving non-complex service from the SBC INDIANA network, without any changes to SBC INDIANA's network, the normal service order charges and/or nonrecurring charges associated with said additions and/or changes will apply.

3.5 CLEC shall pay a non-recurring charge when a CLEC adds a signaling point code. The rates and charges for signaling point code(s) are identified in the applicable access tariffs. This charge also applies to point code information provided by CLEC allowing others to use CLEC's SS7 signaling network.

3.6 CLEC shall pay a service order processing/administration charge for each service order submitted by CLEC to SBC INDIANA to process a request for installation, disconnection, rearrangement, changes to or record orders for Lawful UNEs and Resale.

3.7 Some items, which must be individually charged (e.g., extraordinary charges, CLEC Changes and etc.), are billed as nonrecurring charges.

3.8 Time and Material charges (a.k.a. additional labor charges) are defined in the Pricing Tables.

4. BILLING

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

XDSL AND LINE SPLITTING APPENDIX TO INTERCONNECTION AGREEMENT

xDSL Loops and xDSL Subloops and Line Splitting: SBC-12STATE will make available xDSL loops and xDSL subloops for the provision of xDSL-based services, and xDSL loops for purposes of line splitting, in accordance with the FCC's *Triennial Review Order* and associated lawful and effective implementing rules, 47 C.F.R. §51.319(a)(1)(i)-(iv) and (b)(1), as such rules may be modified from time to time.

1.0 General:

1.1 Deployment of xDSL Technologies: SBC-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 SBC-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 SBC-12STATE is to perform in provisioning the order.

2.0 Loop Makeup Information and Ordering: SBC-12STATE will provide CLEC with nondiscriminatory access to its loop makeup information set forth originally in SBC-12STATE's Advanced Service OSS Plan of Record via: (i) a mechanized loop qualification for real-time access to data available electronically in SBC-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 SBC-12STATE's advanced services affiliate). CLEC will be given nondiscriminatory access to the same loop makeup information that SBC-12STATE is providing to any other CLEC, SBC-12STATE's retail operations and/or its advanced services affiliate. SBC-12STATE's uniform GUI and application to application OSS interfaces allow CLEC, SBC-12STATE's retail operations and/or its advanced services affiliate, to have real time electronic access as a preordering function to the loop makeup information.

3.0 Provisioning Intervals: SBC-12STATE's provisioning intervals per order per end-user location shall be the intervals set forth below or the associated interval applicable to SBC-12STATE's advanced services affiliate, whichever is less.

3.1 Where no conditioning or outside plant rearrangements necessary:

3.1.1 xDSL Loops (i.e., 2-wire xDSL Loop, 4-wire xDSL Loop and IDSL Loop – collectively xDSL Loops): five (5) business days. xDSL Subloops shall have the same provisioning interval as the xDSL Loops following completion of the Subloop Access Arrangement (SAA).

3.1.2 With conditioning or outside plant rearrangements - xDSL Loops: ten (10) business days. xDSL Subloops shall have the same provisioning interval following completion of the SAA.

4.0 Loop Conditioning:

4.1 SBC-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 SBC-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 SBC-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 SBC-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 SBC-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 SBC-12STATE does not guarantee the synchronization of any loop. SBC-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 SBC-12STATE LOC. SBC-12STATE LOC will notify CLEC as soon as the trouble is closed, whether conditioning has been performed or not. In those instances where SBC-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 SBC-12STATE provides to its advanced services affiliate. When SBC-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 SBC-12STATE, SBC-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 SBC-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 SBC-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: SBC-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: SBC-12STATE's maintenance shall be as follows: (i) for loops 12,000 feet or less: SBC-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 SBC-12STATE not perform any conditioning, SBC-12STATE maintenance shall be limited to assuring loop continuity and balance. For loops greater than 12,000 for which CLEC requested that SBC-12STATE perform some or all of the available conditioning, SBC-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. SBC-12STATE will resolve CLEC-referred trouble tickets in parity with the repair intervals SBC-12STATE provides its advanced services affiliate.

4.3.2 CLEC Submitted Trouble Ticket: If CLEC submits a trouble ticket to SBC-12STATE and the problem is determined by SBC-12STATE to be in CLEC's network, data equipment or splitter, CLEC shall pay SBC-12STATE, following SBC-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 SBC-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 SBC-12STATE to resolve a trouble, SBC-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 SBC-12STATE determines that an LST can be performed, the SBC-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 SBC-12STATE network-related problem, then CLEC will not be charged the LST rate or for SBC-12STATE's resolution of the trouble. If, however, the trouble is found not to be an SBC-12STATE network-related problem, then CLEC shall pay the Maintenance of Service charges referenced in Section 7.2 below, in addition to the applicable LST charge.

5.0 Spectrum Management: The Parties shall comply with the FCC's lawful and effective spectrum management rules, 47 C.F.R. §51.231-233, as such rules may be modified from time to time. CLEC will advise SBC-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 SBC-12STATE if and when a change in PSD mask is made. SBC-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. SBC-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 SBC-12STATE and/or CLEC is providing xDSL technologies for which there was previously no standard, then that Party must begin the process of bringing its deployed xDSL technology(ies) and equipment into compliance with such standards at its own expense within thirty (30) days after general availability.

6.0 Splitters: CLEC shall own and have sole responsibility to forecast, purchase, install, inventory, provision and maintain splitters for purposes of line splitting hereunder and shall collocate such splitters in accordance with the collocation provisions set forth elsewhere in this Agreement or as set forth in the applicable Commission-ordered tariff, as applicable, and consistent with SBC-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 SBC-12STATE configuration cabling and wiring in SBC-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 SBC-12STATE's OSS.

7.0 Pricing/Rates:

7.1 The rates applicable to xDSL Loops and xDSL Subloops and the associated charges including without limitation, the applicable service order charges and charges for mechanized and manual loop qualification, loop conditioning, cross-connects and LSTs are set forth in Appendix Pricing.

7.2 In those instances specified herein, or in the event that SBC-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 SBC-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 SBC-12STATE are performed outside of standard business hours.

8.0 Definitions Applicable to this Appendix:

8.1 **"All Bridged Tap"** means both "Excessive" and "Non-excessive" Bridged Tap.

8.2 **"Commission"** means the applicable state agency(ies) with regulatory authority over telecommunications in each SBC-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 "SBC-12STATE" as used herein means the applicable SBC-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 CH

TABLE OF CONTENTS

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

APPENDIX CLEARINGHOUSE (CH)

1. INTRODUCTION

1.1 This Appendix sets forth the rates, terms, and conditions, which are made available for CLECs by SBC-12STATE to participate in the Clearinghouse (CH).

1.2 SBC Communications Inc. (SBC) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.3 SBC-2STATE - As used herein, SBC-2STATE means SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in California and Nevada.

1.4 SBC-4STATE - As used herein, SBC-4STATE means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, and SBC Oklahoma the applicable SBC-owned ILEC(s) doing business in Arkansas, Kansas, Missouri and Oklahoma.

1.5 SBC-7STATE - As used herein, SBC-7STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma and Texas.

1.6 SBC-8STATE - As used herein, SBC-8STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA, SBC NEVADA, and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma and Texas.

1.7 SBC-10STATE - As used herein, SBC-10STATE means SBC SOUTHWEST REGION 5-STATE and SBC MIDWEST REGION 5-STATE an the applicable SBC-owned ILEC(s) doing business in Arkansas, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Texas and Wisconsin.

1.8 SBC-12STATE - As used herein, SBC-12STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE and SBC-2STATE the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin.

1.9 SBC-13STATE - As used herein, SBC-13STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE, SBC-2STATE and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin.

1.10 SBC ARKANSAS - As used herein, SBC ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, the applicable SBC-owned ILEC doing business in Arkansas.

1.11 SBC CALIFORNIA – As used herein, SBC CALIFORNIA means Pacific Bell Telephone Company d/b/a SBC California, the applicable SBC-owned ILEC doing business in California.

1.12 SBC CONNECTICUT - As used herein, SBC CONNECTICUT means The Southern New England Telephone Company d/b/a SBC Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.13 SBC KANSAS - As used herein, SBC KANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Kansas, the applicable SBC-owned ILEC doing business in Kansas.

1.14 SBC ILLINOIS - As used herein, SBC ILLINOIS means Illinois Bell Telephone Company d/b/a SBC Illinois, the applicable SBC-owned ILEC doing business in Illinois.

1.15 SBC INDIANA - As used herein, SBC INDIANA means Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, the applicable SBC-owned ILEC doing business in Indiana.

1.16 SBC MICHIGAN - As used herein, SBC MICHIGAN means Michigan Bell Telephone Company d/b/a SBC Michigan, the applicable SBC-owned doing business in Michigan.

1.17 SBC MIDWEST REGION 5-STATE - As used herein, SBC MIDWEST REGION 5-STATE means Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.18 SBC MISSOURI - As used herein, SBC MISSOURI means Southwestern Bell Telephone, L.P. d/b/a SBC Missouri, the applicable SBC-owned ILEC doing business in Missouri.

1.19 SBC NEVADA - As used herein, SBC NEVADA means Nevada Bell Telephone Company d/b/a SBC Nevada, the applicable SBC-owned ILEC doing business in Nevada.

1.20 SBC OHIO - As used herein, SBC OHIO means The Ohio Bell Telephone Company d/b/a SBC Ohio, the applicable SBC-owned ILEC doing business in Ohio.

1.21 SBC OKLAHOMA - As used herein, SBC OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a SBC Oklahoma, the applicable SBC-owned ILEC doing business in Oklahoma.

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

1.23 SBC TEXAS – As used herein, SBC TEXAS means Southwestern Bell Telephone, L.P. d/b/a SBC Texas, the applicable SBC-owned ILEC doing business in Texas.

1.24 SBC WISCONSIN - As used herein, SBC WISCONSIN means Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC doing business in Wisconsin.

1.25 In SBC 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 SBC MIDWEST REGION 5-STATE is facilitated via the existing LEC Settlement process in each state.

1.26 In SBC-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 SBC-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 SBC CONNECTICUT, is technically infeasible in SBC CONNECTICUT.

2. CLEARINGHOUSE DESCRIPTION

2.1 SBC 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 SBC SOUTHWEST REGION 5-STATE and CLEC.

3. QUALIFYING MESSAGE CRITERIA

3.1 The only toll call messages that qualify for submission to SBC SOUTHWEST REGION 5-STATE for CH processing are: (a) intrastate intraLATA sent collect (including calling card, collect and third number) messages which are originated in one LEC or CLEC exchange, exclusively carried by a LEC or CLEC over

LEC or CLEC facilities and billed to a customer located in a second LEC's or CLEC exchange within the same state; or (b) intrastate intraLATA sent collect (but limited to calling card and third number) messages originated in one of SBC SOUTHWEST REGION 5-STATE's operating areas (located in parts of Texas, Arkansas, Kansas, Missouri or Oklahoma), exclusively carried by a LEC or CLEC over LEC or CLEC facilities, and billed to a customer located in a second LEC's or CLEC exchange and not in the originating State.

4. RESPONSIBILITIES OF THE PARTIES

4.1 CLEC agrees that it will provide SBC SOUTHWEST REGION 5-STATE with billing records for CH processing that are in an industry standard format acceptable to SBC 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 SBC 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 SBC SOUTHWEST REGION 5-STATE for CH processing, if needed.

4.3 SBC SOUTHWEST REGION 5-STATE will provide and maintain such systems as it believes are required to furnish the CH service described herein. SBC 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 SBC SOUTHWEST REGION 5-STATE all CH Records required by SBC 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. SBC 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, SBC 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 SBC SOUTHWEST REGION 5-STATE a processing charge in consideration of SBC 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 SBC SOUTHWEST REGION 5-STATE, when SBC 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 SBC 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, SBC 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 SBC 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 SBC 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 SBC 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 SBC SOUTHWEST REGION 5-STATE's performance of CH processing pursuant to this Attachment.

9.3 SBC 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 SBC SOUTHWEST REGION 5-STATE. Any losses or damage for which SBC 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 SBC 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 SBC 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, SBC 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

1. INTRODUCTION 3
2. DEFINITIONS 3
3. NICS DESCRIPTION 4
4. RESPONSIBILITIES OF THE PARTIES 4
5. BASIS OF COMPENSATION 4
6. TERM OF AGREEMENT 5

APPENDIX NON-INTERCOMPANY SETTLEMENT (NICS)

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions under which SBC MIDWEST REGION 5-STATE will perform the revenue settlement of intrastate/intraLATA local/toll alternately billed calls between SBC MIDWEST REGION 5-STATE and the CLEC via the Centralized Message Distribution System (CMDS) NICS reports.

1.2 SBC Communications Inc. (SBC) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.3 SBC ILLINOIS - As used herein, SBC ILLINOIS means Illinois Bell Telephone Company d/b/a SBC Illinois, the applicable SBC-owned ILEC doing business in Illinois.

1.4 SBC INDIANA - As used herein, SBC INDIANA means Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, the applicable SBC-owned ILEC doing business in Indiana.

1.5 SBC MICHIGAN - As used herein, SBC MICHIGAN means Michigan Bell Telephone Company d/b/a SBC Michigan, the applicable SBC-owned doing business in Michigan.

1.6 SBC MIDWEST REGION 5-STATE - As used herein, SBC MIDWEST REGION 5-STATE means Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio and Wisconsin.

1.7 SBC OHIO - As used herein, SBC OHIO means The Ohio Bell Telephone Company d/b/a SBC Ohio, the applicable SBC-owned ILEC doing business in Ohio.

1.8 SBC WISCONSIN - As used herein, SBC WISCONSIN means Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-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 SBC Ohio
2.2.13 Michigan Bell Telephone Company d/b/a SBC Michigan
2.2.14 Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana
2.2.15 Illinois Bell Telephone Company d/b/a SBC Illinois
2.2.16 Wisconsin Bell Telephone Company d/b/a SBC Wisconsin
2.2.17 Northwestern Bell Telephone Company
2.2.18 Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas
2.2.19 Mountain Bell Telephone Company
2.2.20 Pacific Bell Telephone Company d/b/a SBC California
2.2.21 Nevada Bell Telephone Company d/b/a SBC 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 SBC MIDWEST REGION 5-STATE and message which originate from SBC MIDWEST REGION 5-STATE and bill to CLEC. NICS messages must originate and bill within the same SBC 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 SBC 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 SBC MIDWEST REGION 5-STATE within the same SBC MIDWEST REGION 5-STATE State (i.e., messages for intrastate/intraLATA traffic only). For example, an alternately billed call originating within SBC ILLINOIS territory and billed to a CLEC within SBC ILLINOIS would be covered by this section; a call originating within SBC MICHIGAN but billing outside of SBC 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 SBC 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 SBC 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 SBC MIDWEST REGION 5-STATE for all qualifying messages billed by SBC MIDWEST REGION 5-STATE.

5.2 SBC 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 SBC MIDWEST REGION 5-STATE or CLEC based on netting the amount due SBC 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 WHITE PAGES

TABLE OF CONTENTS

1. INTRODUCTION 3
2. SERVICE PROVIDED 4
3. USE OF SUBSCRIBER LISTING INFORMATION 6
4. PRICING 7
5. LIABILITY 7
6. BREACH OF CONTRACT 8

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 SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and CLEC.

1.2 SBC Communications Inc. (SBC) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.3 SBC-2STATE - As used herein, SBC-2STATE means SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in California and Nevada.

1.4 SBC-4STATE - As used herein, SBC-4STATE means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, and SBC Oklahoma the applicable SBC-owned ILEC(s) doing business in Arkansas, Kansas, Missouri and Oklahoma.

1.5 SBC-7STATE - As used herein, SBC-7STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma and Texas.

1.6 SBC-8STATE - As used herein, SBC-8STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA, SBC NEVADA, and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma and Texas.

1.7 SBC-10STATE - As used herein, SBC-10STATE means SBC SOUTHWEST REGION 5-STATE and SBC MIDWEST REGION 5-STATE an the applicable SBC-owned ILEC(s) doing business in Arkansas, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Texas and Wisconsin.

1.8 SBC-12STATE - As used herein, SBC-12STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE and SBC-2STATE the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin.

1.9 SBC-13STATE - As used herein, SBC-13STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE, SBC-2STATE and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin.

1.10 SBC ARKANSAS - As used herein, SBC ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, the applicable SBC-owned ILEC doing business in Arkansas.

1.11 SBC CALIFORNIA – As used herein, SBC CALIFORNIA means Pacific Bell Telephone Company d/b/a SBC California, the applicable SBC-owned ILEC doing business in California.

1.12 SBC CONNECTICUT - As used herein, SBC CONNECTICUT means The Southern New England Telephone Company d/b/a SBC Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.13 SBC KANSAS - As used herein, SBC KANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Kansas, the applicable SBC-owned ILEC doing business in Kansas.

1.14 SBC ILLINOIS - As used herein, SBC ILLINOIS means Illinois Bell Telephone Company d/b/a SBC Illinois, the applicable SBC-owned ILEC doing business in Illinois.

1.15 SBC INDIANA - As used herein, SBC INDIANA means Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, the applicable SBC-owned ILEC doing business in Indiana.

1.16 SBC MICHIGAN - As used herein, SBC MICHIGAN means Michigan Bell Telephone Company d/b/a SBC Michigan, the applicable SBC-owned doing business in Michigan.

1.17 SBC MIDWEST REGION 5-STATE - As used herein, SBC MIDWEST REGION 5-STATE means Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio and Wisconsin.

1.18 SBC MISSOURI - As used herein, SBC MISSOURI means Southwestern Bell Telephone, L.P. d/b/a SBC Missouri, the applicable SBC-owned ILEC doing business in Missouri.

1.19 SBC NEVADA - As used herein, SBC NEVADA means Nevada Bell Telephone Company d/b/a SBC Nevada, the applicable SBC-owned ILEC doing business in Nevada.

1.20 SBC OHIO - As used herein, SBC OHIO means The Ohio Bell Telephone Company d/b/a SBC Ohio, the applicable SBC-owned ILEC doing business in Ohio.

1.21 SBC OKLAHOMA - As used herein, SBC OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a SBC Oklahoma, the applicable SBC-owned ILEC doing business in Oklahoma.

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

1.23 SBC TEXAS – As used herein, SBC TEXAS means Southwestern Bell Telephone, L.P. d/b/a SBC Texas, the applicable SBC-owned ILEC doing business in Texas.

1.24 SBC WISCONSIN - As used herein, SBC WISCONSIN means Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC doing business in Wisconsin.

2. SERVICE PROVIDED

2.1 SBC-13STATE publishes alphabetical White Pages directories for its geographic local service areas. CLEC provides local exchange telephone service in the same area(s) and CLEC wishes to include listing information for its End Users in the appropriate SBC-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 SBC-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 SBC-13STATE's practices, as well as the rules and regulations applicable to the provision of White Pages directories, SBC-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 SBC-13STATE practices are subject to change from time to time. When CLEC provides its subscriber listing information to SBC-13STATE listings database, CLEC will receive for its End User, one primary listing in SBC-13STATE White Pages directory and a listing in SBC-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, SBC-13STATE will assess CLEC a monthly charge for such listings at SBC-13STATE tariff rates. An additional monthly charge at SBC-13STATE's tariff rate applies when CLEC wishes to list an End User in SBC-13STATE's Directory Assistance database but does not wish to have its End User listed in SBC-13STATE's White Pages directory. In addition, CLEC may elect to have its End User unlisted and the listing not published in SBC-13STATE's White Pages directory for a monthly charge at SBC-13STATE's tariff rate for those non-published, non-listed services.

2.4.1.1 In SBC SOUTHWEST REGION 5-STATE switch-based CLECs are billed at the retail tariff rate for a twelve (12) month period at the time the directory is published for additional, foreign, and enhanced listings, as well as Non-Published service. CLECs will be notified via Accessible Letter should the billing process change.

2.5 CLEC shall furnish to SBC-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 SBC-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 SBC-13STATE via a mechanical or manual feed of the directory listing information to SBC-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 SBC-13STATE's subscriber listing information. CLEC shall furnish to SBC-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 SBC-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, SBC-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 SBC-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, SBC 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 SBC MIDWEST REGION 5-STATE any necessary additions, deletions or modifications prior to the directory close date.

2.7 Directories

2.7.1 In SBC-8STATE, each CLEC subscriber will receive one copy per primary End User listing, as provided by CLEC, of SBC-8STATE's White Pages directory in the same manner and at the same time that they are delivered to SBC-8STATE's subscribers during the annual delivery of newly published directories.

2.7.1.1 SBC-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 SBC 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 SBC 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 SBC-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 SBC-13STATE's directory publishing affiliate pursuant to terms and conditions agreed to by the publishing affiliate and CLEC.

2.8 SBC-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 SBC-8STATE the information to be published on the information page according to the instructions provided on SBC CLEC Online web site. The content of CLEC's camera-ready copy shall be subject to SBC-8STATE approval. In those directories in which SBC-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 SBC 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 SBC MIDWEST REGION 5-STATE and other LECs. SBC 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 SBC 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 SBC SOUTHWEST REGION 5-STATE "Informational Pages". Sixty (60) calendar days prior to the directory close date, the CLEC shall provide to SBC SOUTHWEST REGION 5-STATE the "Informational Page" in the form of camera-ready copy.

3. USE OF SUBSCRIBER LISTING INFORMATION

3.1 SBC-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 SBC-13STATE's subscriber listing information. In exchange for SBC-13STATE serving as the single point of contact and handling all subscriber listing information equally, CLEC authorizes SBC-13STATE to include and use the CLEC subscriber listing information provided to SBC-13STATE pursuant to this Appendix in SBC-13STATE's White Pages directory, SBC-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 SBC-13STATE's use of

CLEC's subscriber listing information in SBC-13STATE's directory assistance, directory assistance related products and services, and directory publishing products and services.

3.2 SBC-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 SBC-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 SBC-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 SBC-13STATE.

4. PRICING

4.1 SBC-7STATE will deliver one copy per primary End User listing of SBC-7STATE White Pages, as described in Section 2.7 above, at no charge. SBC-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 SBC 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 SBC MIDWEST REGION 5-STATE - The rates, if any, for SBC MIDWEST REGION 5-STATE White Page directories will be in accordance with a separate directory services agreement with SBC MIDWEST REGION 5-STATE's directory publishing affiliate.

5. LIABILITY

5.1 CLEC hereby releases SBC-13STATE from any and all liability for damages due to errors or omissions in CLEC's subscriber listing information as provided to SBC-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 SBC-13STATE (and/or SBC-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 SBC-13STATE, and/or against SBC-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, SBC-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 SBC-13STATE for reasonable attorney's fees and other expenses incurred by SBC-13STATE in handling and defending such demand, claim and/or suit.

5.3 CLEC further agrees to pay all costs incurred by SBC-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 SBC-13STATE's White Pages directory published sixty (60) or more calendar days after the date of receipt of such written notice.

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

TABLE OF CONTENTS

1. INTRODUCTION 3
2. TERMS AND CONDITIONS 4
3. ACCESS TO LAWFUL UNE CONNECTION METHODS 15
4. ADJACENT LOCATION 16
5. INTENTIONALLY LEFT BLANK 17
6. BONA FIDE REQUEST 17
7. NETWORK INTERFACE DEVICE 21
8. LAWFUL UNE LOCAL LOOP 22
9. LAWFUL UNE SUBLOOPS 24
10. ENGINEERING CONTROLLED SPLICE (ECS) 30
11. LOCAL SWITCHING 32
12. SHARED TRANSPORT 32
13. DEDICATED TRANSPORT 33
14. DEDICATED TRANSPORT AND LOOP DARK FIBER 33
15. INTENTIONALLY LEFT BLANK 33
16. CALL-RELATED DATABASES 33
17. OPERATIONS SUPPORT SYSTEMS FUNCTIONS 34
18. CROSS CONNECTS 34
19. PROVISIONS/MAINTENANCE OF LAWFUL UNES 35
20. RESERVATION OF RIGHTS 37

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 SBC Communications Inc. (SBC)-owned Incumbent Local Exchange Carrier (ILEC) agrees to 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 SBC Communications Inc. (SBC) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.3 SBC-2STATE - As used herein, SBC-2STATE means SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in California and Nevada.

1.4 SBC-4STATE - As used herein, SBC-4STATE means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, and SBC Oklahoma the applicable SBC-owned ILEC(s) doing business in Arkansas, Kansas, Missouri and Oklahoma.

1.5 SBC-7STATE - As used herein, SBC-7STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA and SBC NEVADA, the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma and Texas.

1.6 SBC-8STATE - As used herein, SBC-8STATE means SBC SOUTHWEST REGION 5-STATE, SBC CALIFORNIA, SBC NEVADA and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma and Texas.

1.7 SBC-10STATE - As used herein, SBC-10STATE means SBC SOUTHWEST REGION 5-STATE and SBC MIDWEST REGION 5-STATE an the applicable SBC-owned ILEC(s) doing business in Arkansas, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Texas and Wisconsin.

1.8 SBC-12STATE - As used herein, SBC-12STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE and SBC-2STATE the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin.

1.9 SBC-13STATE - As used herein, SBC-13STATE means SBC SOUTHWEST REGION 5-STATE, SBC MIDWEST REGION 5-STATE, SBC-2STATE and SBC CONNECTICUT the applicable SBC-owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin.

1.10 SBC ARKANSAS - As used herein, SBC ARKANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, the applicable SBC-owned ILEC doing business in Arkansas.

1.11 SBC CALIFORNIA - As used herein, SBC CALIFORNIA means Pacific Bell Telephone Company d/b/a SBC California, the applicable SBC-owned ILEC doing business in California.

1.12 SBC CONNECTICUT - As used herein, SBC CONNECTICUT means The Southern New England Telephone Company d/b/a SBC Connecticut, the applicable above listed ILEC doing business in Connecticut.

1.13 SBC KANSAS - As used herein, SBC KANSAS means Southwestern Bell Telephone, L.P. d/b/a SBC Kansas, the applicable SBC-owned ILEC doing business in Kansas.

1.14 SBC ILLINOIS - As used herein, SBC ILLINOIS means Illinois Bell Telephone Company d/b/a SBC Illinois, the applicable SBC-owned ILEC doing business in Illinois.

1.15 SBC INDIANA - As used herein, SBC INDIANA means Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, the applicable SBC-owned ILEC doing business in Indiana.

1.16 SBC MICHIGAN - As used herein, SBC MICHIGAN means Michigan Bell Telephone Company d/b/a SBC Michigan, the applicable SBC-owned ILEC doing business in Michigan.

1.17 SBC MIDWEST REGION 5-STATE - As used herein, SBC MIDWEST REGION 5-STATE means Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, The Ohio Bell Telephone Company d/b/a SBC Ohio, and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio and Wisconsin.

1.18 SBC MISSOURI - As used herein, SBC MISSOURI means Southwestern Bell Telephone, L.P. d/b/a SBC Missouri, the applicable SBC-owned ILEC doing business in Missouri.

1.19 SBC NEVADA - As used herein, SBC NEVADA means Nevada Bell Telephone Company d/b/a SBC Nevada, the applicable SBC-owned ILEC doing business in Nevada.

1.20 SBC OHIO - As used herein, SBC OHIO means The Ohio Bell Telephone Company d/b/a SBC Ohio, the applicable SBC-owned ILEC doing business in Ohio.

1.21 SBC OKLAHOMA - As used herein, SBC OKLAHOMA means Southwestern Bell Telephone, L.P. d/b/a SBC Oklahoma, the applicable SBC-owned ILEC doing business in Oklahoma.

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

1.23 SBC TEXAS - As used herein, SBC TEXAS means Southwestern Bell Telephone, L.P. d/b/a SBC Texas, the applicable SBC-owned ILEC doing business in Texas.

1.24 SBC WISCONSIN - As used herein, SBC WISCONSIN means Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC doing business in Wisconsin.

1.25 The Prices at which SBC-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 SBC-13STATE will provide CLEC with access to unbundled network elements under Section 251(c)(3) of the Act in SBC-13STATE's incumbent local exchange areas for the provision of Telecommunications Services by CLEC; provided, however, that notwithstanding any other provision of the Agreement, SBC-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 SBC-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 the mandate in *United States Telecom Association v. FCC*, 290 F.3d 415 (D.C. Cir. 2002) ("USTA I"); or (b) operation of the *Triennial Review Order* released by the FCC in CC Docket Nos. 01-338, 96-98 and 98-147, FCC 03–36, 18 FCC Rcd 16978 (rel. Aug. 21, 2003), as modified by the Errata issued by the FCC in that same proceeding, FCC 03–227, 18 FCC Rcd 19020 (rel. Sept. 17, 2003) (the "Triennial Review Order" or "TRO"), which became effective as of October 2, 2003, including rules promulgated thereby; or (c) 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 (d) the issuance of the mandate in the D.C. Circuit Court of Appeals' decision, *United States Telecom Association* v. *FCC*, 359 F.3d 554 (D.C. Cir. 2004) ("*USTA II*"); or (e) the issuance of any valid law, order or rule by the Congress, FCC or a judicial body stating that SBC-13STATE 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. By way of example only, a network element can cease to be a Lawful UNE or be Declassified on an element-specific, route-specific or geographically-specific basis or a class of elements basis. Under any scenario, Section 2.5 "Transition Procedure" shall apply.

2.1.2.1 By way of example only, and without limitation, network elements that have been Declassified and are not provided under this Agreement include at least the following: (i) entrance facilities; (ii) dedicated transport, at any level, including but not limited to DSO, OCn, DS1, DS3, or Dark Fiber Transport ; (iii) Local Switching (as defined in Section 11 of this Appendix); (iv) OCn Loops, DS1 or DS3 Loops, or Dark Fiber Loops; (v) the Feeder portion of the Loop; (vi) Line Sharing; (vii) any Call-Related Database, other than the 911 and E911 databases, that is not provisioned in connection with CLEC's use of SBC-13STATE's Lawful ULS (as no Local Switching constitutes Lawful UNE Local Switching, SBC-13STATE is not obligated to provide, and CLEC shall not request such Call-Related Databases, other than the 911 and E911 databases, under this Agreement); (viii) SS7 signaling that is not provisioned in connection with CLEC's use of SBC-13STATE's Lawful ULS (as no Local Switching constitutes Lawful UNE Local Switching, SBC-13STATE is not obligated to provide, and CLEC shall not request, SS7 signaling under this Agreement) ; (ix) Packet switching, including routers and DSLAMs; (x) the packetized bandwidth, features, functions, capabilities, electronics and other equipment used to transmit packetized information over Hybrid Loops (as defined in 47 CFR 51.319 (a)(2)), including without limitation, xDSL-capable line cards installed in digital loop carrier ("DLC") systems or equipment used to provide passive optical networking ("PON") capabilities; (xi) Fiber-to-the-Home Loops (as defined in 47 CFR § 51.319(a)(3)) ("FTTH Loops"), except to the extent that SBC-13STATE has deployed such fiber in parallel to, or in replacement of, an existing copper loop facility and elects to retire the copper loop, in which case SBC-13STATE will provide nondiscriminatory access to a transmission path capable of voice grade service over the FTTH loop on an unbundled basis.

2.1.2.2 Additional network elements that may be Declassified and be subject to this Section 2.1 include any element or class of elements as to which a general determination is made that requesting Telecommunications Carriers are not impaired without access to such element or class of elements.

2.1.2.3 At a minimum, at least the items set forth in this Section 2.1 shall not constitute Lawful UNEs under this Agreement.

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.

2.1.4 By way of example only, if terms and conditions of this Agreement state that SBC-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 SBC-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 SBC-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 SBC-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 SBC-13STATE shall not be obligated to provide combinations (whether considered new, pre-existing or existing) or other arrangements (including, where applicable, Commingled Arrangements) involving SBC-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 Transition Procedure. SBC-13STATE shall only be obligated to provide Lawful UNEs under this Agreement. To the extent an element described as a Lawful UNE or an unbundled network element in this Agreement is Declassified or is otherwise no longer a Lawful UNE, SBC-13STATE may discontinue the provision of such element, whether previously provided alone or in combination with or as part of any other arrangement with other Lawful UNEs or other elements or services. Accordingly, in the event one or more elements described as Lawful UNEs or as unbundled network elements in this Agreement is Declassified or is otherwise no longer a Lawful UNE, SBC-13STATE will provide written notice to CLEC of its discontinuance of the element(s) and/or the combination or other arrangement in which the element(s) has been previously provided. During a transitional period of thirty (30) days from the date of such notice, SBC-13STATE agrees to continue providing such element(s) under the terms of this Agreement. Upon receipt of such written notice, CLEC will cease ordering new elements that are identified as Declassified or as otherwise no longer being a Lawful UNE in the SBC-13STATE notice letter referenced in this Section 2.5. SBC-13STATE reserves the right to audit the CLEC orders transmitted to SBC-13STATE and to the extent that the CLEC has processed orders and such orders are provisioned after this 30-day transitional period, such elements are still subject to this Section 2.5, including the options set forth in (a) and (b) below, and SBC-13STATE's rights of discontinuance or conversion in the event the options are not accomplished. During such 30-day transitional period, the following options are available to CLEC with regard to the

element(s) identified in the SBC-13STATE notice, including the combination or other arrangement in which the element(s) were previously provided:

(a) CLEC may issue an LSR or ASR, as applicable, to seek disconnection or other discontinuance of the element(s) and/or the combination or other arrangement in which the element(s) were previously provided; or

(b) SBC-13STATE and CLEC may agree upon another service arrangement or element (e.g. via a separate agreement at market-based rates or resale), or may agree that an analogous access product or service may be substituted, if available.

Notwithstanding anything to the contrary in this Agreement, including any amendments to this Agreement, at the end of that thirty (30) day transitional period, unless CLEC has submitted a disconnect/discontinuance LSR or ASR, as applicable, under (a) above, and if CLEC and SBC-13STATE have failed to reach agreement, under (b) above, as to a substitute service arrangement or element, then SBC-13STATE may, at its sole option, disconnect the element(s), whether previously provided alone or in combination with or as part of any other arrangement, or convert the subject element(s), whether alone or in combination with or as part of any other arrangement to an analogous resale or access service, if available.

2.5.1 The provisions set forth in this Section 2.5 "Transition Period" are self-effectuating, and the Parties understand and agree that no amendment shall be required to this Agreement in order for the provisions of this Section 2.5 "Transition Period" to be implemented or effective as provided above. Further, Section 2.5 "Transition Period" governs the situation where an unbundled network element or Lawful UNE under this Agreement is Declassified or is otherwise no longer a Lawful UNE, even where the Agreement may already include an intervening law, change in law or other substantively similar provision. The rights and obligations set forth in Section 2.5, above, apply in addition to any other rights and obligations that may be created by such intervening law, change in law or other substantively similar provision.

2.5.2 Notwithstanding anything in this Agreement or in any Amendment, SBC-13STATE shall have no obligation to provide, and CLEC is not entitled to obtain (or continue with) access to any network element on an unbundled basis at rates set under Section 252(d)(1), whether provided alone, or in combination with other UNEs or otherwise, once such network element has been or is Declassified or is otherwise no longer a Lawful UNE. The preceding includes without limitation that SBC-13STATE shall not be obligated to provide combinations (whether considered new, pre-existing or existing) involving SBC-13STATE network elements that do not constitute Lawful UNEs, or where Lawful UNEs are not requested for permissible purposes.

2.6 SBC-13STATE and CLEC may agree to connect CLEC's facilities with SBC-13STATE's network at any technically feasible point for access to Lawful UNEs for the provision by CLEC of a Telecommunications Service. (Act, Section 251(c)(2)(B); 47 CFR § 51.305(a)(2)(vi)).

2.7 SBC-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 SBC-13STATE's network facilities to enable CLEC to achieve access to Lawful UNEs (47 CFR § 51.307(e));

2.7.6 Without limitations, restrictions, or requirements on requests that would impair CLEC's ability to provide a Telecommunications Service in a manner it intends (47 CFR § 51.309(a));

2.7.7 Where applicable, terms and conditions of access to Lawful UNEs shall be no less favorable than terms and conditions under which SBC-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, SBC-13STATE shall not separate CLEC-requested Lawful UNEs that are currently combined. (47 CFR § 51.315(b)) SBC-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 SBC-13STATE offering(s).

2.8 As provided for herein, SBC-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, SBC-13STATE will provide use of that feature, function, or capability for a period of time (47 CFR § 51.309(c)).

2.9 SBC-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 SBC-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 SBC-13STATE.

2.13 Performance of Lawful UNEs

2.13.1 Each Lawful UNE will be provided in accordance with SBC-13STATE Technical Publications or other written descriptions, if any, as changed from time to time by SBC-13STATE at its sole discretion.

2.13.2 Nothing in this Appendix will limit either Party's ability to modify its network through the incorporation of new equipment, new software or otherwise. Each Party will provide the other Party written notice of any upgrades in its network which will materially impact the other Party's service consistent with 47 CFR § 51.325.

2.13.3 SBC-13STATE may elect to conduct Central Office switch conversions for the improvement of its network. During such conversions, CLEC orders for Lawful UNEs from that switch shall be suspended for a period of three days prior and one day after the conversion date, consistent with the suspension SBC-13STATE places on itself for orders from its End Users.

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 SBC-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)). 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 SBC-13STATE immediately in writing if it ceases to be a Telecommunications Carrier. Failure to so notify SBC-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.

2.14.2 Other conditions to accessing and using any Lawful UNE (whether on a stand-alone basis or in combination with other network elements or UNEs (Lawful 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, SBC-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 SBC-13STATE might offer pursuant to Section 271 of the Act.

2.15.2 In the event that SBC-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, SBC-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, SBC-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 SBC-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, SBC-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, SBC-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 SBC-13STATE. Without affecting the foregoing, this Agreement does not in any way prohibit, limit, or otherwise affect SBC-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, SBC-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 SBC-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 SBC-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 SBC-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 SBC-13STATE, the Parties shall engage in good faith negotiations to amend the Agreement to include a fee(s) for any work performed by SBC-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 SBC-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 SBC-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 SBC-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 SBC-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 SBC-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 SBC-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. SBC-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 SBC-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 2.16 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 SBC-13STATE's ability to retain responsibility for the management, control, and performance of its network would not be impaired;

2.15.5.3 SBC-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 SBC-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 SBC-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 SBC-13STATE premises where CLEC is physically collocated or has an on-site adjacent collocation arrangement;

2.15.6.2 for SBC 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 SBC-13STATE to CLEC. Thereafter, SBC-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

With the issuance of the Court's mandate in *USTA II*, and in the absence of lawful and effective FCC rules or orders requiring conversion of special access services to combinations of Lawful UNE Loop(s) and Lawful UNE Dedicated Transport(s), SBC-13STATE is not obligated to and shall not perform such conversions, and CLEC shall not request such conversions. If lawful and effective FCC rules or orders require such conversions, and for all other conversion requests the following shall apply:

2.16.1 Upon request, SBC-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, meets the eligibility criteria that may be applicable for such conversion. (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, SBC-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 SBC-13STATE's 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), SBC-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 SBC-13STATE service.

2.16.5.2 SBC-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 SBC-13STATE service, CLEC must follow the guidelines and ordering requirements provided by SBC-13STATE that are applicable to converting the particular SBC-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 SBC-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 SBC-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 SBC-13STATE 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 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, SBC-13STATE will develop and implement processes, subject to any associated rates, terms and conditions. The Parties will comply with any applicable Change Management guidelines.

2.17.1.4 Any commingling obligation is limited solely to commingling of one or more facilities or services that CLEC has obtained at wholesale from SBC-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 SBC 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, SBC-13STATE shall permit CLEC to Commingle a Lawful UNE or a combination of Lawful UNEs with facilities or services obtained at wholesale from SBC-13STATE to the extent required by FCC rules and orders.

2.17.3 Upon request, and subject to this Section 2, SBC-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 SBC-13STATE (as well as requests where CLEC also wants SBC-13STATE to complete the actual Commingling), except that SBC-13STATE shall have no obligation to perform the functions necessary to Commingle (or to complete the actual Commingling) if (i) the CLEC is able to perform those functions itself; or (ii) it is not technically feasible, including that network reliability and security would be impaired; or (iii) SBC-13STATE's ability to retain responsibility for the management, control, and performance of its network would be impaired; or (iv) SBC-13STATE would be placed at a disadvantage in operating its own network; or (v) it would undermine the ability of other Telecommunications Carriers to obtain access to Lawful UNEs or to Interconnect with SBC-13STATE's network. Where CLEC is a new entrant and is unaware that it needs to Commingle to provide a Telecommunications Service, SBC-13STATE's obligation to commingle ceases if SBC-13STATE informs CLEC of such need to Commingle.

2.17.3.1 For purposes of Section 2.18.3 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 SBC-13STATE are available to CLEC, including without limitation:

2.17.3.1.1 at an SBC-13STATE premises where CLEC is physically collocated or has an on-site adjacent collocation arrangement;

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

2.17.3.2 Section 2.17.3(i) shall only begin to apply thirty (30) days after notice by SBC-13STATE to CLEC. Thereafter, SBC-13STATE may invoke Section 2.17.3(i) 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 SBC-13STATE to perform the functions necessary to Commingle (as well as requests where CLEC also wants SBC-13STATE to complete the actual Commingling), shall be made by CLEC in accordance with the bona fide request (BFR) process set forth in this Agreement.

2.17.4.1 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 SBC-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 In addition to any other applicable charges, CLEC shall be charged a reasonable fee for any Commingling work done by SBC-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. SBC-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 SBC-13STATE to perform work not required by this Section 2.17.4, CLEC shall be charged a market-based rate for any such work.

2.17.5 SBC-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. SBC-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 SBC-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 SBC-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 involves SBC-13STATE performing the functions necessary to combine Lawful UNEs (e.g., make a new combination of Lawful UNEs), and 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, SBC-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 SBC-13STATE.

2.17.9 Commingling in its entirety (including its definition, the ability of CLEC to Commingle, SBC-13STATE's obligation to perform the functions necessary to Commingle, and Commingled Arrangements) shall not apply to or otherwise include, involve or encompass SBC-13STATE offerings pursuant to 47 U.S.C. § 271 that are not Lawful UNEs under 47 U.S.C. § 251(c)(3).

2.18 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, SBC-13STATE will develop and implement processes, subject to any associated rates, terms and conditions. The Parties will comply with any applicable Change Management guidelines.

2.19 SBC-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.

2.20 The Parties intend that this Appendix Lawful UNEs contains the sole and exclusive terms and conditions by which CLEC will obtain Lawful UNEs from SBC-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 SBC-13STATE tariff, 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 SBC-13STATE to enforce the foregoing (including if SBC-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, SBC-13STATE may either reject any such order submitted under tariff, or without the need for any further contact with or consent from CLEC, SBC-13STATE may process any such order as being submitted under this Appendix UNE and, further, may convert any element provided under tariff, to this Appendix UNE, 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, SBC-13STATE shall provide Access to Lawful UNE Connection Methods under the following terms and conditions.

3.2 This Section describes the connection methods under which SBC-13STATE agrees to provide CLECs with access to Lawful UNE Local Loops and the conditions under which SBC-13STATE makes these methods available. These methods provide CLEC access to multiple SBC-13STATE Lawful UNEs that the CLEC may then combine. The methods listed below provide CLEC with access to Lawful UNEs without compromising the security, integrity, and reliability of the public switched network, as well as to minimize potential service disruptions.

3.2.1 Subject to availability of space and equipment, CLEC may use the methods listed below to access and combine Lawful UNE Local Loops within a requested SBC-13STATE Central Office.

3.2.1.1 (Method 1)

SBC-13STATE will extend SBC-13STATE Lawful UNEs requiring cross connection to the CLEC's Physical or Virtual Collocation Point of Termination (POT) when the CLEC is Physically Collocated, in a caged or shared cage arrangement or Virtually Collocated, within the same Central Office where the Lawful UNEs which are to be combined are located. For Collocation terms and conditions refer to the Physical and Virtual Collocation Appendices.

3.2.1.2 (Method 2)

SBC-13STATE will extend SBC-13STATE Lawful UNEs that require cross connection to the CLEC's Lawful UNE frame located in the common room space, other than the Collocation common area, within the same Central Office where the Lawful UNEs which are to be combined are located.

3.2.1.3 (Method 3)

SBC-13STATE will extend SBC-13STATE Lawful UNEs to the CLEC's Lawful UNE frame that is located outside the SBC-13STATE Central Office where the Lawful UNEs are to be combined in a closure such as a cabinet provided by SBC-13STATE on SBC-13STATE property.

3.3 The following terms and conditions apply to Methods 2 and 3 when SBC-13STATE provides access to Lawful UNEs pursuant to Sections 3.2.1. 2 and 3.2.1.3:

3.3.1 The CLEC may cancel the request at any time, but will pay SBC-13STATE's reasonable and demonstrable costs for modifying SBC-13STATE's Central Office up to the date of cancellation.

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

3.3.3 CLEC shall refer trouble sectionalized in the SBC-13STATE Lawful UNE to SBC-13STATE.

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

3.3.5 CLEC shall provide all tools and materials required to place and remove the cross connects necessary to combine and disconnect Lawful UNEs when CLEC combines or disconnects Lawful UNEs.

3.3.6 CLEC shall designate each Lawful UNE being ordered from SBC-13STATE. CLEC shall provide an interface to receive assignment information from SBC-13STATE regarding location of the affected Lawful UNEs. This interface may be manual or mechanized.

3.3.7 SBC-13STATE will provide CLEC with contact numbers as necessary to resolve assignment conflicts encountered. All contact with SBC-13STATE shall be referred to such contact numbers.

3.3.8 Certain construction and preparation activities may be required to modify a building or prepare the premises for access to Lawful UNEs.

3.3.8.1 Where applicable, costs for modifying a building or preparing the premises for access to SBC-13STATE Lawful UNEs will be made on an individual case basis (ICB).

3.3.8.2 SBC-13STATE will contract for and perform the construction and preparation activities using same or consistent practices that are used by SBC-13STATE for other construction and preparation work performed in the building.

4. ADJACENT LOCATION

4.1 Consistent with Section 2.1 of this Appendix Lawful UNEs, SBC-13STATE shall provide Adjacent Location provision under the following terms and conditions.

4.2* This Section describes the Adjacent Location Method for accessing Lawful UNEs. This Section also provides the conditions in which SBC CALIFORNIA offers the Adjacent Location Method.

4.3* The Adjacent Location Method allows a CLEC to access loops for a CLEC location adjacent to a SBC CALIFORNIA Central Office as identified by SBC CALIFORNIA. Under this method SBC CALIFORNIA Lawful UNEs will be extended to the adjacent location, via copper cabling provided by the CLEC, which the CLEC can then utilize to provide Telecommunications Service.

4.4* This method requires the CLEC to provide copper cable, greater than 600 pairs, to the last manhole outside the SBC CALIFORNIA Central Office. The CLEC shall provide enough slack for SBC CALIFORNIA to pull the cable into the Central Office and terminate the cable on the Central Office Intermediate Distribution Frame (IDF).

4.5* The CLEC will obtain all necessary rights of way, easements, and other third party permissions.

4.6* The following terms and conditions apply when SBC CALIFORNIA provides the adjacent location:

4.6.1 The CLEC is responsible for Spectrum Interference and is aware that not all pairs may be ADSL or POTS capable.

4.7* The installation interval applies on an individual application basis. The CLEC is responsible for paying all up front charges (nonrecurring and case preparation costs) before work will begin. This assumes that all necessary permits will be issued in a timely manner.

4.8* The CLEC will provide the excess cable length necessary to reach the SBC CALIFORNIA IDF in the SBC CALIFORNIA Central Office where CLEC requests connection.

4.9* The CLEC will be responsible for testing and sectionalization of facilities from the End User's location to the entrance manhole.

4.10* The CLEC should refer any sectionalized trouble determined to be in SBC CALIFORNIA's facilities to SBC CALIFORNIA.

4.11* The CLEC's employees, agents and contractors will be permitted to have access to the CLEC's cable where it is delivered to SBC CALIFORNIA (outside the entrance manhole). The CLEC is only able to enter the entrance manhole to splice under a duct lease agreement. If the CLEC leases ducts to get to the Central Office then CLEC has the right to splice the manholes on the route, including the entrance manhole.

4.12* In order for SBC CALIFORNIA to identify the entrance manhole for the CLEC, the CLEC must specify the direction from which the cable originates. SBC CALIFORNIA will verify that a vacant sleeve or riser duct exists at the entrance manhole. If none exists, construction of one will be required. If a vacant access sleeve or riser duct does not exist, and one must be constructed, the CLEC will pay for the construction on an Outside Plant Custom Work Order.

4.13* The CLEC will retain all assignment control. SBC CALIFORNIA will maintain TIRKS records for cable appearance information on the horizontal and vertical appearance on the SBC CALIFORNIA frame.

4.14* The CLEC will pay Time and Materials charges when SBC CALIFORNIA dispatches personnel and failure is in the CLEC's facility.

4.15* SBC CALIFORNIA will not assume responsibility for the quality of service provided over this special interconnection arrangement. Service quality is the responsibility of the CLEC. SBC CALIFORNIA limits each CLEC to two building entrances. Two entrances allow for CLEC growth or a diverse path.

4.16* Prior to SBC CALIFORNIA providing the Adjacent Location Method in this Appendix, the CLEC and SBC CALIFORNIA shall provide each other with a single point of contact for overall coordination.

4.17* The Adjacent Location Method of Accessing Lawful UNEs only allows for copper cable termination.

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6. BONA FIDE REQUEST

6.1 Subject to Section 2, SBC-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 SBC-10STATE and SBC 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 SBC 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 SBC 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 SBC-13STATE.

6.3 Item I

SBC-10STATE, SBC NEVADA Bona Fide Request Process

6.3.1 A Bona Fide Request (**"BFR"**) is the process by which CLEC may request SBC-10STATE, SBC 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

* Section 4 is available only in the state of California. Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS, Paragraph 2.10.1

to be provided by SBC-10STATE, SBC 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 SBC-10STATE, SBC NEVADA to review, analyze and process a BFR. When submitting a BFR Application Form, CLEC has two options to compensate SBC-10STATE, SBC 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 SBC-10STATE, SBC NEVADA's preliminary evaluation costs, in which case SBC-10STATE, SBC 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 SBC-10STATE, SBC 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 SBC-10STATE, SBC NEVADA is not able to process the Request or determines that the Request does not qualify for BFR treatment, then SBC-10STATE, SBC 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 SBC-10STATE, SBC NEVADA its reasonable and demonstrable costs of processing and/or implementing the BFR up to and including the date SBC-10STATE, SBC 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 SBC-10STATE, SBC NEVADA will promptly consider and analyze each BFR it receives. Within ten (10) Business Days of its receipt SBC-10STATE, SBC 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 SBC-10STATE, SBC 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 SBC-10STATE, SBC NEVADA will provide to CLEC a preliminary analysis of such Request (the **"Preliminary Analysis"**). The Preliminary Analysis will (i) indicate that SBC-10STATE, SBC NEVADA will offer the Request to CLEC or (ii) advise CLEC that SBC-10STATE, SBC NEVADA will not offer the Request. If SBC-10STATE, SBC NEVADA indicates it will not offer the Request, SBC-10STATE, SBC 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 SBC-10STATE, SBC 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 SBC-10STATE, SBC NEVADA will offer the Request, CLEC may, at its discretion, provide written authorization for SBC-10STATE, SBC 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 SBC-10STATE, SBC 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 SBC-10STATE, SBC NEVADA all demonstrable costs as set forth above. Any request by CLEC for SBC-10STATE, SBC 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, SBC-10STATE, SBC 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 SBC-10STATE, SBC 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 SBC-10STATE, SBC 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 SBC-10STATE, SBC 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

SBC 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 SBC 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.

* Section 6.4 is available only in the State of Connecticut. Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS, Paragraph 2.10.1.

6.4.2.4 If the request is covered by one of the conditions listed above, SBC 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 SBC 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 SBC CONNECTICUT after SBC 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 SBC 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 SBC CONNECTICUT receives the written notice of cancellation from CLEC. However, if SBC 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 SBC CONNECTICUT or the estimate in the BFR Quote plus twenty percent (20%).

6.4.5 Section 6.3.7 is amended as follows: SBC CONNECTICUT will promptly consider and analyze each BFR it receives. Within ten (10) Business Days of its receipt, SBC 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 SBC CONNECTICUT has received a complete and accurate BFR Application Form.

6.4.6 SBC CONNECTICUT will apply standard tariffed Processing Fees (BFR development costs) according to the Connecticut Access Service Tariff 4.11.

6.4.7 For SBC 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

SBC 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 SBC 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 SBC 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 SBC 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, SBC CALIFORNIA will provide to CLEC a Preliminary Analysis of such Request. The Preliminary Analysis will confirm that SBC CALIFORNIA will offer the request. The Preliminary Analysis provided by SBC CALIFORNIA will include cost categories (material, labor and other) and high level costs for the request. SBC 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, SBC 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 SBC 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, SBC-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 SBC-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, SBC-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 (SBC-12STATE) or by tariff (SBC CONNECTICUT).

7.3 SBC-12STATE will permit CLEC to connect its local loop facilities to End Users' premises wiring through SBC-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 SBC-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 SBC-12STATE based on Time and Material charges. SBC-12STATE, at the request of CLEC, will disconnect the SBC-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 SBC-12STATE's Lawful UNE NID where necessary.

7.6 The SBC-12STATE Lawful UNE NIDs that CLEC uses under this Appendix will be existing Lawful UNE NIDs installed by SBC-12STATE to serve its End Users.

7.7 CLEC shall not attach to or disconnect SBC-12STATE's ground. CLEC shall not cut or disconnect SBC-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 SBC-12STATE's Lawful UNE NID, can disconnect the End User's wiring from SBC-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, SBC-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 the other terms and conditions of this Appendix, SBC-13STATE shall provide Lawful UNE Local Loop under the following terms and conditions in this subsection.

8.2 A Lawful UNE Local Loop is a transmission facility between a distribution frame (or its equivalent) in an SBC-13STATE Central Office and the loop demarcation point at an End User premises. SBC-13STATE will make available the Lawful UNE Local Loops set forth herein below between a distribution frame (or its equivalent) in an SBC-13STATE Central Office and the loop demarcation point at an End User premises. The Parties acknowledge and agree that SBC-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 SBC-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) for purposes of the deployment of xDSL-based technologies as more specifically provided in the xDSL and Line Splitting Appendix to, or elsewhere in, this Agreement. Lawful UNE Local Loops are 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. The terms and conditions for 2-wire and 4-wire xDSL loops are set forth in the xDSL and Line Splitting Appendix to, or elsewhere in this Agreement where xDSL loops are addressed. xDSL loops are not covered under this Appendix Lawful UNEs). CLEC agrees to operate each Lawful UNE Local 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 the Lawful UNE Local Loop will require a High Voltage Protective Equipment (HVPE) (e.g., a positron), to ensure the safety and integrity of the network, the Parties' employees and/or representatives, and the CLEC's End User. Therefore, any request by CLEC for a Lawful UNE Local Loop to a high voltage area will be submitted by CLEC to SBC-13STATE via the BFR process set forth in Section 6 "Bona Fide Request," and CLEC shall be required to pay SBC-13STATE for any HVPE that is provisioned by SBC-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 Loop will be provided at the rates, terms, and conditions set forth in this Appendix (SBC-12STATE) or by tariff (SBC CONNECTICUT) and in the state specific Appendix Pricing (SBC-12STATE) or by tariff (SBC CONNECTICUT):

8.3.1 2-Wire Analog Lawful UNE Local Loop

8.3.1.1 A 2-Wire analog loop is a transmission facility which supports analog voice frequency, voice band services with loop start signaling within the frequency spectrum of approximately 300 Hz and 3000 Hz.

8.3.1.2 If CLEC requests one or more Lawful UNE Local Loops serviced by Integrated Digital Loop Carrier (IDLC) SBC-12STATE will, where available, move the requested Lawful UNE Local Loop(s) to a spare, existing all-copper or universal digital loop carrier Lawful UNE Local

Loop at no additional charge to CLEC. If, however, no spare Lawful UNE Local Loop is available, as defined above, SBC-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 Lawful UNE Local Loop

8.3.2.1 A 4-Wire analog loop is a transmission facility that provides a non-signaling voice band frequency spectrum of approximately 300 Hz to 3000 Hz. The 4-Wire analog loop provides separate transmit and receive paths.

8.3.3 2-Wire Digital Lawful UNE Local Loop

8.3.3.1 A 2-Wire 160 Kbps digital loop is a transmission facility which supports Basic Rate ISDN (BRI) digital exchange services. The 2-Wire digital loop 160 Kbps supports usable bandwidth up to 160 Kbps, including overhead.

8.3.4 As no other type of loop constitutes a Lawful UNE loop (other than 2-wire and 4-wire xDSL loops provided for elsewhere in this Agreement), SBC-13STATE is not obligated under this Section 251/252 Agreement to provide any other type of loop, including, but not limited to DS1, DS3 or higher capacity loops, or dark fiber loops. CLEC shall not request such loops under this Agreement, whether alone, in combination or Commingled. Accordingly, if CLEC requests and SBC-13STATE provides a loop(s) that is not described or provided for in this Agreement, SBC-13STATE may, at any time, even after the loop(s) has been provided to CLEC, discontinue providing such loop(s) (including any combination(s) including that loop) 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 SBC-13STATE to refuse to provide, including if SBC-13STATE provides or continues to provide, access to such loop(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.

8.4 Intentionally Left Blank.

8.5 Routine Network Modifications – Lawful UNE Local Loops

8.5.1 SBC-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. SBC-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 SBC-13STATE regularly undertakes for its own retail customers where there are no additional charges or minimum term commitments. Routine network modifications include rearranging or splicing of existing cable; adding an equipment case; adding a doubler or repeater; adding a smart jack; installing a repeater shelf; adding a line card; deploying a new multiplexer or reconfiguring an existing multiplexer; and attaching electronic and other equipment that the incumbent LEC ordinarily attaches to activate such loops for its own retail customers, under the same conditions and in the same manner that SBC-13STATE does for its own retail customers. Routine network modifications may entail activities such as accessing manholes, deploying bucket trucks to reach aerial cable, and installing equipment casings.

8.5.3 Routine network modifications do not include constructing new loops; installing new cable; splicing cable at any location other than an existing splice point or at any location where a splice enclosure is not already present; securing permits, rights-of-way, or building access arrangements; constructing and/or placing new manholes, handholes, poles, ducts or conduits; installing new terminals or terminal enclosures (e.g., controlled environmental vaults, huts, or cabinets); or providing new space

or power for requesting carriers; removing or reconfiguring packetized transmission facility; or the provision of electronics for the purpose of lighting dark fiber (i.e., optronics). SBC-13STATE is not obligated to perform those activities for a requesting telecommunications carrier.

8.5.4 SBC-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 SBC-13STATE's retail customers.

8.5.5 This Agreement does not require SBC-13STATE to deploy time division multiplexing-based features, functions and capabilities with any copper or fiber packetized transmission facility to the extent SBC-13STATE has not already done so; remove or reconfigure packet switching equipment or equipment used to provision a packetized transmission path; reconfigure a copper or fiber packetized transmission facility to provide time division multiplexing-based features, functions and capabilities; nor does this Agreement prohibit SBC-13STATE from upgrading a customer from a TDM-based service to a packet switched or packet transmission service, or removing copper loops or subloops from the network, provided SBC-13STATE complies with the copper loop or copper subloop retirement rules in 47 C.F.R. 51.319(a)(3)(iii).

8.5.6 SBC-12STATE shall provide routine network modifications at the rates, terms and conditions set out in this Appendix (SBC-12STATE), and in the state specific Appendix Pricing (SBC-12STATE) or by tariff (SBC CONNECTICUT).

9. LAWFUL UNE SUBLOOPS

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

9.2 SBC-12STATE will provide Lawful UNE Subloops as set forth in this Appendix. Other than as specifically set out elsewhere in this Agreement, SBC 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 SBC-12STATE's Lawful UNE local loop plant, i.e., a portion of the Lawful UNE Loop from some technically accessible terminal beyond SBC-12STATE's central office and the network demarcation point, including that portion of the Lawful UNE Loop, if any, which SBC-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, 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.

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, SBC-12STATE will construct a SPOI only to those multiunit premises where SBC-12STATE has distribution facilities to the premises and SBC-12STATE either owns, controls, or leases the inside wire, if any, at such premises. If SBC-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. SBC-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 SBC-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 SBC-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, SBC-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 SBC-13STATE provides a subloop(s) that is not described or provided for in this Agreement, SBC-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 SBC-13STATE to refuse to provide, including if SBC-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)	Network Interface Device

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 SBC-12STATE switch/testing equipment will be lost.

9 11.2 CLEC shall isolate trouble to the SBC-12STATE Lawful UNE Subloop portion of the CLEC's service before reporting trouble to SBC-12STATE.

9.11.3 SBC-12STATE shall charge the CLEC a Maintenance of Service Charge (MSC) when CLEC dispatches SBC-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 SBC-12STATE is received, the CLEC may place a LSR for Subloops at this location. Prices at which SBC-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, SBC-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, SBC-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 SBC-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, SBC-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 SBC-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 SBC-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. SBC-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, SBC-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 SBC-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 SBC-12STATE's interconnection point.

9.12.11 A non-binding CLEC forecast shall be required as a part of the request for SAA, identifying the Lawful UNE Subloops required for line-shared and non line-shared arrangements to each subtending SAI. This will allow SBC-12STATE to properly engineer access to each SAI and to ensure SBC-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 SBC-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 SBC-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 SBC-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 SBC-12STATE will stub out a cable from the SAI/FDI or Terminal, which SBC-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.

9.13.1.5 Exhausted termination points in a SAI/FDI - When a SAI/FDI's termination points are all terminated to assignable cable pairs, SBC-12STATE may choose to increase capacity of the SAI/FDI by the method of its choice, for which the CLEC will be charged a portion of the expense to be determined with the engineer, for the purpose of allowing the CLEC to terminate its cable at the SAI/FDI.

9.13.1.6 Exhausted Termination Points in a Terminal- When a terminal's termination points are all terminated to assignable cable pairs, SBC-12STATE may choose to increase the capacity of the Terminal or to construct an adjacent termination facility to accommodate the CLEC facilities for which the CLEC will be charged.

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 SBC-12STATE shall notify CLEC of pending relocation as soon as SBC-12STATE receives such notice.

9.14.2 CLEC shall notify SBC-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 SBC-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 SBC-12STATE engineer.

9.14.4 CLEC shall notify SBC-12STATE of acceptance or rejection of the new SCA within 10 business days of its receipt of SBC-12STATE's estimate.

9.14.5 Upon acceptance of the SBC-12STATE estimate, CLEC shall pay at least 50% of the relocation costs at the same time as they notify SBC-12STATE of their acceptance of estimate costs.

9.14.6 Should CLEC decide not to continue the SAA, CLEC will notify SBC-12STATE as to the date that SBC-12STATE may remove CLEC's facilities from that SAA. CLEC will pay SBC-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 SBC-12STATE in time to have their facilities relocated, SBC-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 SBC-12STATE Term to NID Lawful UNE Subloop segments in order to serve its End Users at MTEs in SBC-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 SBC-12STATE within the intermediary box (in order to obtain access to SBC-12STATE Term to NID MTE Lawful UNE Subloop Segments). In the event CLEC wishes to access SBC-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 SBC terminal.

9.15.1.2 The intermediary box shall contain blocks that meet SBC-12STATE's published industry standards for the placement of services and facilities and should be labeled with CLEC's ACNA to enable the SBC-12STATE technician the ability to run jumper/cross connect from SBC-12STATE terminal to the intermediary box.

9.15.1.3 LEC agrees that the SBC-12STATE technician shall run the jumper/cross-connect from SBC-12STATE's serving terminal to CLEC's intermediary box, in order for CLEC to access SBC-12STATE Term to NID MTE Lawful UNE Subloop Segments in SBC-12STATE. For security and safety, SBC will incase the cross connect in conduit, a protective covered common path, between the SBC 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 SBC-12STATE.

9.15.1.5 Following CLEC's provisioning, placement, and completion of Connecting Facility Arrangement Assignments ("CFA") data submission to SBC-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 SBC-12STATE to CLEC, providing SBC-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 SBC-12STATE by CLEC via a Local Service Request ("LSR").

9.15.1.7 SBC-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 SBC-12STATE terminal to the CLEC intermediary box. SBC-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 SBC-12STATE only, CLEC may elect to lease from SBC-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 SBC-12STATE in lieu of SBC-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 SBC-12STATE install an intermediary box pursuant to the SAA process outlined herein above, the CLEC may still lease from SBC-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 SBC-12STATE in lieu of SBC-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, SBC-12STATE will provide CLEC with access to the Term To NID MTE Lawful UNE Subloop via a cross connect. The SBC technician will tag appropriately and will leave up to two feet of exposed wire at SBC-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, SBC will incase the cross connect in conduit, a protective covered common path, between the SBC 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 SBC-12STATE SAA process nor the intermediary box option would be required. Because the CLEC would have full responsibility for terminating the SBC-12STATE cross-connect, SBC-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, SBC-12STATE shall provide to Engineering controlled Splice under the following terms and conditions in this subsection.

10.2 SBC-12STATE will also make available an Engineering Controlled Splice (ECS), which will be owned by SBC-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 SBC-12STATE will construct any Lawful UNE Subloop Access Arrangement requested by a Telecommunications Carrier in a cost-effective and efficient manner. If SBC-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 SBC-12STATE places more pairs at the splice.

10.3.3 SBC-13STATE will either use existing copper or construct new copper facilities between the SAI(s) and the ECS, located in or at the remote terminal site. Although SBC-12STATE will construct the engineering controlled splice, the ECS maybe owned by SBC-12STATE or the CLEC (depending on the specific arrangement) at the option of SBC-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 SBC-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 SBC-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. SBC-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, SBC-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 SBC-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 SBC-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 SBC-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 SBC-12STATE cabling between the ECS and the RT and/or SAI, and the inventorying of that SBC-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 SBC-12STATE for the charges incurred by SBC-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.	RT	Serving Area Interface or Feeder Distribution Interface
2.	RT	Terminal
3.	RT	NID

11. LOCAL SWITCHING (ULS)

11.1 As no local circuit switching constitutes Lawful UNE switching, SBC-13STATE is not obligated under this Section 251/252 Agreement to provide any type of local circuit or other switching, and CLEC shall not request local circuit or other switching under this Agreement, whether alone, in combination or Commingled. Accordingly, if CLEC requests and SBC-13STATE provides local circuit or other switching under this Agreement, SBC-13STATE may, at any time, even after the local circuit or other switching has been provided to CLEC, discontinue providing such local circuit or other switching (including any combination(s) including local circuit or other switching) 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 SBC-13STATE to refuse to provide, including if SBC-13STATE provides or continues to provide, access to local circuit or other switching (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.

11.1.1 For purposes of this Appendix, local circuit switching (Local Switching) is defined as follows:

11.1.1.1 all line-side and trunk-side facilities as defined in TRO, plus the features, functions, and capabilities of the switch. The features, functions, and capabilities of the switch shall include the basic switching function of connecting lines to lines, lines to trunks, trunks to lines, and trunks to trunks, and

11.1.1.2 all vertical features that the switch is capable of providing, including custom calling, custom local area signaling services features, and Centrex, as well as any technically feasible customized routing functions.

12. SHARED TRANSPORT (UST)

12.1 As no local circuit switching constitutes Lawful UNE switching, SBC-13STATE is not obligated under this Section 251/252 Agreement to provide any type of shared transport. CLEC shall not request shared transport under this Agreement, whether alone, in combination or Commingled. Accordingly, if CLEC requests and SBC-13STATE otherwise provides shared transport under this Agreement, SBC-13STATE may, at any time, even after the shared transport has been provided to CLEC, may discontinue providing such shared transport (including any combination(s) including shared transport) 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 SBC-13STATE to refuse to

provide, including if SBC-13STATE provides or continues to provide, access to shared transport (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.

13. DEDICATED TRANSPORT

13.1 As no dedicated transport constitutes Lawful UNE dedicated transport, SBC-13STATE is not obligated under this Section 251/252 Agreement to provide any type of dedicated transport, and CLEC shall not request dedicated transport under this Agreement, whether alone, in combination or Commingled. Accordingly, if CLEC requests and SBC-13STATE provides dedicated transport under this Agreement, SBC-13STATE may, at any time, even after the dedicated transport has been provided to CLEC, discontinue providing such dedicated transport (including any combination(s) including dedicated transport) 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 SBC-13STATE to refuse to provide, including if SBC-13STATE provides or continues to provide, access to dedicated transport (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.

14. DEDICATED TRANSPORT AND LOOP DARK FIBER

14.1 As no dark fiber dedicated transport or dark fiber loop constitutes Lawful UNE dark fiber dedicated transport or dark fiber loop, SBC-13STATE is not obligated under this Section 251/252 Agreement to provide any type of dark fiber dedicated transport or dark fiber loop. CLEC shall not request dark fiber dedicated transport or dark fiber loop under this Agreement, whether alone, in combination or Commingled. Accordingly, if CLEC requests and SBC-13STATE provides dark fiber dedicated transport or dark fiber loop under this Agreement, SBC-13STATE may, at any time, even after the dark fiber dedicated transport or dark fiber loop has been provided to CLEC, discontinue providing such dark fiber dedicated transport or dark fiber loop (including any combination(s) including dark fiber dedicated transport or dark fiber loop) 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 SBC-13STATE to refuse to provide, including if SBC-13STATE provides or continues to provide, access to dark fiber dedicated transport or dark fiber loop (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.

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16. CALL-RELATED DATABASES

16.1 Access to the SBC-13STATE 911 or E911 call related databases will be provided as described in the Lawful 911 and E911 Appendix. As no local circuit switching constitutes Lawful UNE switching, SBC-13STATE is not obligated to provide, and CLEC shall not request, call related databases under this Agreement (other than 911 and E911), including LIDB and CNAM-AS, LIDB and CNAM Queries, 800, or Access to AIN. CLEC access to any call related databases (other than 911 and E911) shall be pursuant to another agreement, including, where applicable, effective tariffs.

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 SBC-13STATE's databases and information. SBC-13STATE will provide CLEC access to its Operations Support Systems Functions as outlined in Appendix OSS.

18. CROSS CONNECTS

18.1 SBC-13STATE shall provide Cross Connects under the following terms and conditions in this subsection. SBC-13STATE shall only be obligated to provide Cross Connects under this Appendix for purposes of permitting CLEC to connect SBC-13STATE Lawful UNE(s) to other Lawful UNE(s) or to CLEC's own facilities.

18.2 The cross connect is the media between the SBC-7STATE Lawful UNE and a CLEC designated point of access as described in various sections of this Appendix, or the media between a SBC-7STATE Lawful UNE and a Collocation area for the purpose of permitting the CLEC to connect the SBC-7STATE Lawful UNE to other Lawful UNEs or to the CLEC's own facilities. Where SBC-7STATE has otherwise committed to connect one Lawful UNE to another Lawful UNE on behalf of CLEC, or to leave connected one Lawful UNE to another Lawful UNE on behalf of CLEC the cross connect is the media between one SBC-7STATE Lawful UNE and another SBC-7STATE Lawful UNE. Nothing in this section is a commitment to connect or leave connected any two or more Lawful UNEs.

18.3 SBC-7STATE will provide cross connects at the rates, terms, and conditions set forth in Appendix Pricing. Pricing for SBC MIDWEST REGION 5-STATE is provided as set forth in Appendix Pricing. For all other cross-connect pricing for SBC CONNECTICUT refer to the applicable state tariff.

18.4 The applicable Lawful UNE Loop cross connects to point of access for the purpose of CLEC combining a SBC-13STATE Lawful UNE Loop with another SBC-13STATE Lawful UNE are as follows:

18.4.1 2-Wire Analog Loop to Lawful UNE Connection Methods point of access

18 4.2 4-Wire Analog Loop to Lawful UNE Connection Methods point of access

18.4.3 2-Wire Digital Loop to Lawful UNE Connection Methods point of access

18.5 The applicable Loop cross connects for the purpose of CLEC connecting a SBC SOUTHWEST REGION 5-STATE and SBC NEVADA Lawful UNE Loop to a CLEC's Collocated facilities are as follows:

18.5.1 2-Wire Analog Loop to Collocation

18.5.2 2-Wire Analog Loop to Collocation (without testing)

18.5.3 4-Wire Analog Loop to Collocation

18.5.4 4-Wire Analog Loop to Collocation (without testing)

18.5.5 2-Wire Digital Loop to Collocation

18.5.6 2-Wire Digital Loop to Collocation (without testing)

18.5.7 2-Wire DSL Shielded Cross Connect to Collocation

18.5.8 4-Wire DSL Shielded Cross Connect to Collocation

18.5.9 2-Wire DSL non-shielded Cross Connect to Collocation

18.5.10 4-Wire DSL non-shielded Cross Connect to Collocation

18.6 The applicable cross connect for SBC MIDWEST REGION 5-STATE Lawful UNE Loop is as follows:

18.6.1 2-Wire

18.7 The applicable Lawful UNE Loop cross connects to the Adjacent Location Method of Accessing UNEs for the purpose of a CLEC combining a SBC CALIFORNIA Lawful UNE Loop with a CLEC's own facilities are as follows:

18.7.1 2-Wire Analog Loop to Adjacent Location Method point of access

18.7.2 4-Wire Analog Loop to Adjacent Location Method point of access

18.7.3 2-Wire Digital Loop to Adjacent Location Method point of access

18.7.4 DSL shielded Cross Connect to Adjacent Location point of access

18.8 The applicable cross connects for the purpose of a CLEC connecting a SBC CALIFORNIA Lawful UNE Loop to a CLEC's Collocated facility are as follows:

18.8.1 Voice Grade/ISDN EISCC

18.8.2 DS-0 EISCC

18.8.3 DSL Shielded Cross Connect to Collocation

19. PROVISIONING/MAINTENANCE OF LAWFUL UNES

19.1 Access to Lawful UNEs is provided under this Agreement over such routes, technologies, and facilities as SBC-13STATE may elect at its own discretion. SBC-13STATE will provide access to Lawful UNEs where technically feasible. Where facilities and equipment are not available, SBC-13STATE shall not be required to provide Lawful UNEs. However, CLEC may request and, to the extent required by law, SBC-13STATE may agree to provide Lawful UNEs, through the Bona Fide Request (BFR) process.

19.2 Subject to the terms herein, SBC-13STATE is responsible only for the installation, operation and maintenance of the Lawful UNEs it provides. SBC-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 SBC-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 SBC-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 SBC-13STATE Lawful UNE, or of its own equipment or facilities in conjunction with any SBC-13STATE Lawful UNE, will not materially interfere with or impair service over any facilities of SBC-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, SBC-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 SBC-13STATE provided tariffed or resold service is replaced by CLEC's facility-based service using any SBC-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 SBC-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 SBC-13STATE provided Lawful UNEs is converted to a different CLEC's service which also uses any SBC-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 SBC-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 SBC-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 SBC-13STATE's network.

19.8.1 SBC-13STATE shall charge the CLEC a Maintenance of Service Charge (MSC) when CLEC reports a suspected failure of a Lawful UNE and SBC-13STATE dispatches personnel to the End User's premises or an SBC-13STATE Central Office and trouble was not caused by SBC-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 SBC-13STATE dispatches personnel and the trouble is in equipment or communications systems provided an entity by other than SBC-13STATE or in detariffed CPE provided by SBC-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 SBC-13STATE access to End User's premises and SBC-13STATE personnel are dispatched but denied access to the premises, then Time and Material charges will apply for the period of time that SBC-13STATE personnel are dispatched. Subsequently, if SBC-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 SBC-13STATE performed during normally scheduled working hours on a normally scheduled workday. Overtime is work-related efforts of SBC-13STATE performed on a normally scheduled workday, but outside of normally scheduled working hours. Premium Time is work related efforts of SBC-13STATE performed other than on a normally scheduled workday.

19.12.1 If CLEC requests or approves an SBC-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 SBC-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 SBC-13STATE's equipment and/or facilities, CLEC will issue a trouble report to SBC-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 SBC-13STATE dispatches personnel to the End User's premises or an SBC-13STATE Central Office and trouble was not caused by SBC-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 SBC-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 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), SBC-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.

SCHEDULE - LAWFUL UNE COMBINATIONS
(Indiana)

Prem to Prem

2-Wire Analog Loop to 2-Wire Analog Loop (same wire center)
2-Wire Digital Loop to 2-Wire Digital Loop (same wire center)
4-Wire Analog Loop to 4-Wire Analog Loop (same wire center)
2-Wire Analog Loop to 4-Wire Analog Loop (same wire center)

APPENDIX-PRICING
(MICHIGAN)

TABLE OF CONTENTS

1. INTRODUCTION 3
2. RECURRING CHARGES 6
3. NON-RECURRING CHARGES 7
4. BILLING 7

APPENDIX PRICING
(MICHIGAN)

1. INTRODUCTION

1.1 This Appendix sets forth the pricing terms and conditions only for the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) identified in 1.3 below. The rate table included in this Appendix is divided into the following five categories: Unbundled Network Elements (UNEs), Resale, Other (Resale), Other and Reciprocal Compensation. These categories are for convenience only and shall not be construed to define or limit any of the terms herein or affect the meaning or interpretation of this Agreement, including but not limited to the term "Lawful UNE," as that term is defined and used in this Agreement.

1.2 SBC Communications Inc. (SBC) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.3 SBC MICHIGAN - As used herein, SBC MICHIGAN means Michigan Bell Telephone Company d/b/a SBC Michigan, the applicable SBC-owned doing business in Michigan.

1.4 Replacement of Non-Interim Rates

Certain of the non-interim rates, prices and charges set forth in this Agreement may have been established by the Commission ("Commission-established Non-Interim Rate(s)"). All rates included in this Agreement that are not specifically excluded from treatment under this Section 1.4, or that are not marked as interim or as "TBD" (To Be Determined) shall be considered Commission-established Non-Interim Rates. If, during the Term of this Agreement the Commission or the FCC modifies a Commission-established Rate(s) in an order or docket that is established by the Commission or FCC to be generally applicable to the Interconnection, Unbundled Network Elements, Collocation, functions, facilities, Resale discounts, or products or services ("Products or Services") available under this Agreement (i.e. *not* an order or docket relating only to a specific complaint or interconnection agreement arbitration), either Party may provide written notice ("Rate Change Notice") to the other Party, ***after the effective date of such order***, that it wishes for the modified Commission-established Non-Interim Rate(s), ("Modified Rate(s)") to replace and supersede the Commission-established Non-Interim Rate(s) already set forth in this Agreement. Following such Rate Change Notice by either Party, and without the need for any formal amendment or further Commission action, the CLEC's billing tables will be updated to reflect (and CLEC will be charged) the Modified Rate(s), pursuant to timeframes as specifically set forth in Sections 1.4.1 and 1.4.3, below, and the Modified Rate(s) will be deemed effective between the Parties as provided in Sections 1.4.1 and 1.4.3, below. Nonetheless, the Parties shall negotiate a conforming amendment which shall reflect that the Commission-established Non-Interim Rate(s) were replaced by the Modified Rate(s), and shall submit such Amendment to the state commission for approval. In addition, as soon as is reasonably practicable after such Rate Change Notice, each Party shall issue to the other Party any adjustments that are necessary to reflect that the Modified Rate(s) became effective between the Parties as provided below:

1.4.1 If the Rate Change Notice is issued by a Party within ninety (90) days after the effective date of any such order, the Modified Rate(s) will be deemed effective between the Parties as of the effective date of the order, and SBC MICHIGAN will issue any adjustments that are appropriate (e.g., billing of additional charges, billing credit adjustments) to retroactively true-up the Modified Rate(s) with the Commission-established Non-Interim Rate(s) for the period after the effective date of the order, in accordance herewith.

1.4.2 In the event that neither Party issues a Rate Change Notice to the other Party with respect to an order, the Commission-established Non-Interim Rate(s) set forth in the Agreement shall continue to apply, notwithstanding the issuance of that order.

1.4.3 In the event that a Party issues a Rate Change Notice under this Section 1.4, but not within ninety (90) days after the effective date of the order, then the Modified Rate(s) will be deemed effective between the Parties as of the date the amendment incorporating such Modified Rate(s) into the Agreement is effective between the Parties (following the date the amendment is approved or is deemed to have been approved by the state commission), and shall apply, upon the amendment effective date, on a prospective basis only. Further, the Party shall be foreclosed from replacing or otherwise superseding the Commission-established Non-Interim Rate(s) with the Modified Rate(s) for any period prior to the effective date of such amendment.

1.4.4 In the event the terms and conditions of this Section 1.4 was not part of an approved and effective agreement between the Parties at the time the order became effective, either Party may still give a Rate Change Notice, and the Modified Rate(s) shall be effective as of the date the Parties' Agreement (the Agreement containing this Section 1.4) becomes effective (following the date the Agreement is approved or deemed to have been approved by the Commission) and shall apply, beginning on the Agreement's effective date, on a prospective basis only. Further, the Party shall be foreclosed from replacing or otherwise superseding the Commission-established Non-Interim Rate(s) with the Modified Rate(s) for any period prior to the effective date of the Agreement containing this Section 1.4.

1.5 The Parties understand and agree that on May 9, 2003, the Public Utilities Act of Illinois was amended to add Sections 13-408 and 13-409, 220 ILCS 5/13-408 and 13-409, and enacted into law ("Illinois Law"). The Illinois Law establishes a specific method for setting certain UNE rates in Illinois, mandates that the Illinois Commerce Commission ("ICC") apply the method and determine the rates ("ICC Rates"), and expressly deems all interconnection agreements to be amended to contain the ICC Rates immediately upon the ICC's announcement of such adjusted rates, without further action. The Parties understand and agree that the rates in the attached Pricing Schedule are based upon SBC 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, SBC 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 SBC Illinois will issue any adjustments, as needed (e.g., billing of additional charges, billing credit adjustments), to reflect that the ICC Rates became effective between the Parties as of the effective date of the applicable ICC order(s) and to retroactively true-up the ICC Rates with the corresponding rates currently contained in this Agreement (for the state of Illinois only) for the period after the effective date of the applicable ICC order(s), in accordance herewith.

1.6 Replacement of Interim Rates

Certain of the rates, prices and charges set forth in this Agreement may be denoted as interim rates ("Current Interim Rates"). Upon the effective date of a Commission Order establishing non-interim rates for any rates, prices, charges, Products or Services specifically identified herein as interim, either Party may, within ninety (90) days ***after the effective date of such Commission order***, provide written notice ("Replacement Rate Notice") to the other Party that it wishes to obtain the non-interim Commission-established rate(s) ("Replacement Rates") to replace and supersede the Current Interim Rate counterpart(s) in this Agreement. Following such Replacement Rate Notice, and without the need for any formal amendment or further Commission action, SBC MICHIGAN will update CLEC's billing tables to replace the Current Interim Rates with their Replacement Rate(s) counterpart(s), as specified in the

Replacement Rate Notice. Nonetheless, the Parties shall negotiate a conforming amendment to reflect such Replacement Rates and shall submit such amendment to the Commission for approval.

1.6.1 If the Replacement Rate Notice is given within 90 days after the effective date of such order, then the Replacement Rate(s) shall apply as of the effective date of the order and SBC MICHIGAN will issue any adjustments that are appropriate (e.g., billing of additional charges, billing credit adjustments) to retroactively true-up the Replacement Rates with the Current Interim Rates for the period after the effective date of this Agreement, in accordance herewith.

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

1.6.3 In the event that a Party issues a Rate Notice under this Section 1.6, but not within ninety (90) days after the effective date of the order, then the Replacement Rate(s) will be deemed effective between the Parties as of the date the amendment incorporating such Replacement Rate(s) into the Agreement is effective between the Parties (following the date the amendment is approved or is deemed to have been approved by the Commission), and shall apply, upon the amendment effective date, on a prospective basis only. Further, the Party shall be foreclosed from replacing or otherwise superseding the Current Interim Rate(s) with the Replacement Rate(s) for any period prior to the effective date of such amendment.

1.6.4 In the event the terms and conditions of this Section 1.6 was not part of an approved and effective agreement between the Parties at the time the order became effective, either Party may still give a Replacement Rate Notice, and the Replacement Rate(s) shall be effective as of the date the Parties' Agreement (the Agreement containing this Section 1.6) becomes effective (following the date the Agreement is approved or deemed to have been approved by the Commission) and shall apply, beginning on the Agreement's effective date, on a prospective basis only. Further, the Party shall be foreclosed from replacing or otherwise superseding the Current Interim Rate(s) with the Replacement Rate(s) for any period prior to the effective date of the Agreement containing this Section 1.6.

1.7 Notice to Adopting CLECs

Notwithstanding anything to the contrary in this Appendix and Agreement, in the event that any other telecommunications carrier should adopt provisions in the Agreement pursuant to Section 252(i) of the Act ("Adopting CLEC"), the Adopting CLEC would only be entitled to the non-interim and/or interim rates set forth in this Agreement as of the date that the MFN'd Agreement provisions become effective between SBC MICHIGAN and the Adopting CLEC (i.e., following the date the Commission approves or is deemed to have approved the Adopting CLEC's Section 252(i) adoption ("MFN Effective Date")) and on a prospective basis only. Nothing in this Agreement shall entitle an Adopting CLEC to any retroactive application of any rates under this Agreement to any date prior to the MFN Effective Date and any Adopting CLEC is foreclosed from making any such claim hereunder.

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

For Loops:

Rate Zone:	Total Access Lines:
Zone A	See: Tariff 20, Part 4, Section 2, Sheets 7-34
Zone B	See: Tariff 20, Part 4, Section 2, Sheets 7-34
Zone C	See: Tariff 20, Part 4, Section 2, Sheets 7-34

1.9 SBC MICHIGAN's obligation to provide Interconnection, Lawful Unbundled Network Elements, Collocation, Resale discounts, functions, facilities, products or services ("Products or Services") under this Agreement does not extend to Products or Services for which rates, terms and conditions are not contained in this Agreement. Accordingly, to the extent a CLEC orders a Product or Service for which there are not rates, terms and conditions contained in this Agreement, SBC MICHIGAN may reject the order. In the event such

an order is rejected, and the Product or Service is appropriate for BFR treatment under the BFR provisions set forth in Appendix Lawful UNEs of this Agreement, the CLEC may submit a BFR, which will be evaluated pursuant to such BFR provisions. Alternatively, if the Product or Service is available in a state commission approved Agreement in the state in which the CLEC is seeking to order the Product or Service, the CLEC may: (i) seek to adopt pursuant to Section 252(i) of the Act the rates, terms and conditions for such Product or Service (including any legitimately related terms) from a state commission approved Agreement in that state in which such Product or Service is available; or (ii) seek to amend this Agreement to incorporate rates, terms and conditions for the Product or Service into this Agreement, to the extent such Product or Service is still available at the time of the request. In the event that CLEC orders, and SBC MICHIGAN provisions, a Product or Service to CLEC for which there are not rates, terms and conditions in this Agreement, then CLEC understands and agrees that one of the following will occur:

1.9.1 CLEC shall pay for the Product or Service provisioned to CLEC at the rates set forth in SBC MICHIGAN's applicable intrastate tariff(s) for the Product or Service or, to the extent there are no tariff rates, terms or conditions available for the Product or Service in the applicable state, then CLEC shall pay for the Product or Service at SBC MICHIGAN's current generic contract rate for the Product or Service set forth in SBC MICHIGAN's applicable state-specific generic pricing schedule as published on SBC MICHIGAN's CLEC website; or

1.9.2 CLEC will be billed and shall pay for the product or service as provided in Section 1.9.1, above, and SBC MICHIGAN may, without further obligation, reject future orders and further provisioning of the product or service until such time as applicable rates, terms and conditions are incorporated into this Agreement as set forth in this Section 1.9.

1.9.3 SBC MICHIGAN's provisioning of orders for such Products or Services is expressly subject to this Section 1.9 and in no way constitutes a waiver of SBC MICHIGAN's right to charge and collect payment for such Products and/or Services.

1.10 Establishment of "TBD" Rates

1.10.1 When a rate, price or charge in this Agreement is noted as "To Be Determined" or "TBD" or is blank, the Parties understand and agree that when a rate, price or charge is established by SBC MICHIGAN for that Product or Service and incorporated into SBC MICHIGAN's current state-specific generic pricing schedule as published on SBC MICHIGAN's CLEC website, that rate(s) ("Established Rate") shall automatically apply to the Product or Service provided under this Agreement back to the effective date of this Agreement as to any orders CLEC submitted and SBC MICHIGAN provisioned for that Product or Service without the need for any additional modification(s) to this Agreement or further Commission action. SBC MICHIGAN shall provide written notice to CLEC of the application of the rate, price or charge that has been established, and the CLEC's billing tables will be updated to reflect (and CLEC will be charged) the Established Rate, and the Established Rate will be deemed effective between the Parties as of the effective date of the Agreement. The Parties shall negotiate a conforming amendment which shall reflect the Established Rate to ensure that the Agreement accurately reflects the specific Established Rate(s) that apply to such Product or Service pursuant to this Section 1.10, and shall submit such Amendment to the state commission for approval. In addition, as soon as is reasonably practicable after such Established Rate begins to apply, SBC MICHIGAN shall bill CLEC to reflect the application of the Established Rate retroactively to the effective date of the Agreement between the Parties.

1.10.2 SBC MICHIGAN's provisioning of such orders for such Products or Services is expressly subject to this Section 1.10 and in no way constitutes a waiver of SBC MICHIGAN's right to charge and collect payment for such Products and/or Services.

2. RECURRING CHARGES

2.1 Unless otherwise identified in the Pricing Tables, where rates are shown as monthly, a month will be defined as a 30 day calendar month. The minimum term for each monthly rated Unbundled Network Element (UNE), Resale, Other (Resale), Other and Reciprocal Compensation elements will be one (1)

month. After the initial month, billing will be on the basis of whole or fractional months used. The minimum term for non-monthly rated UNEs, if applicable, will be specified in the rate table included in this Appendix. A longer minimum service period may apply for Lawful UNEs provided under the BFR process, as set forth in the Lawful UNEs Appendix of this Agreement.

2.2 For purposes of reciprocal compensation only, measurement of minutes of use over Local Interconnection Trunk Groups shall be in actual conversation seconds. The total conversation seconds over each individual Local Interconnection Trunk Group will be totaled for the entire monthly bill and then rounded to the next whole minute.

2.2 Where rates are distance sensitive, the mileage will be calculated on the airline distance involved between the locations. To determine the rate to be billed SBC MICHIGAN will first compute the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association, Inc. Tariff FCC No 4. When the calculation results in a fraction of a mile, SBC MICHIGAN will round up to the next whole mile before determining the mileage and applying rates.

3. NON-RECURRING CHARGES

3.1 Where rates consist of usage sensitive charges or per occurrence charges, such rates are classified as “non-recurring charges”.

3.2 Nonrecurring Charges may be applicable for all five (5) categories of rates.

3.3 Consistent with FCC Rule 51.307(d), there may be non-recurring charges for each Lawful UNE.

3.4 For Resale, when a CLEC converts an End User currently receiving non-complex service from the SBC MICHIGAN network, without any changes to SBC MICHIGAN’s network, the normal service order charges and/or nonrecurring charges associated with said additions and/or changes will apply.

3.5 CLEC shall pay a non-recurring charge when a CLEC adds a signaling point code. The rates and charges for signaling point code(s) are identified in the applicable access tariffs. This charge also applies to point code information provided by CLEC allowing others to use CLEC's SS7 signaling network.

3.6 CLEC shall pay a service order processing/administration charge for each service order submitted by CLEC to SBC MICHIGAN to process a request for installation, disconnection, rearrangement, changes to or record orders for Lawful UNEs and Resale.

3.7 Some items, which must be individually charged (e.g., extraordinary charges, CLEC Changes and etc.), are billed as nonrecurring charges.

3.8 Time and Material charges (a.k.a. additional labor charges) are defined in the Pricing Tables.

4. BILLING

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

SBC WISCONSIN

PERFORMANCE REMEDY PLAN

DESCRIPTION

This Performance Remedy Plan sets forth the terms and conditions under which SBC WISCONSIN will report performance to CenturyTel FiberCompany II, LLC d/b/a Lightcore, a CenturyTel Company (CLEC) and compare that performance to SBC WISCONSIN's own performance (parity), benchmark criteria, or both, whichever is applicable. This document further provides for enforcement through liquidated damages and assessments.

1.0 SBC WISCONSIN agrees to provide CLEC a monthly report of performance for the performance measures listed in Appendix 1 – SBC WISCONSIN Performance Measurement User Guide. SBC WISCONSIN will collect, analyze, and report performance data for these measures in accordance with the business rules defined in Appendix 1, as approved by the Commission. Both the performance measures and the business rules in Appendix 1 are subject to modification in accordance with section 6.4 below regarding six-month reviews. SBC WISCONSIN further agrees to use the two-tiered enforcement structure for performance measurements provided for in this document. The Commission-approved performance measurements shown in Appendix 1 hereto identify the measurements that belong to Tier 1 (payable to CLECs) and/or Tier 2 (payable to the State) categories.

1.1 SBC WISCONSIN will not levy a separate charge for provision of the data to CLEC called for under this document. Upon CLEC's request, data files of CLEC's raw data, or any subset thereof, will be transmitted to CLEC. If CLEC's request is transmitted to SBC WISCONSIN on or before the last day of the month for which data is sought, SBC WISCONSIN shall provide the data to CLEC on or before the last day of the following month pursuant to mutually acceptable format, protocol, and transmission media. If CLEC's request is transmitted to SBC WISCONSIN after the last day of the month for which data is sought, SBC WISCONSIN shall provide the data to CLEC within 30 days of receipt pursuant to mutually acceptable format, protocol, and transmission media. Notwithstanding other provisions of this Agreement, the Parties agree that such records will be deemed Proprietary Information.

2.0 SBC WISCONSIN will use a statistical test, namely the modified "Z-test," for evaluating the difference between two means (SBC WISCONSIN retail or its affiliate – whichever is better, provided the number of affiliate data points equal or exceed 30 – and CLEC) or percentages, or the difference between two ratios for purposes of this document. SBC WISCONSIN agrees to use the modified Z-tests as outlined below as the statistical tests for the determination of parity when the results for SBC WISCONSIN retail or its affiliate (whichever is better, provided the number of affiliate data points equal or exceed 30) and the CLEC are compared. This statistical test will compare the CLEC performance to the SBC WISCONSIN retail performance or the affiliate performance (whichever is better). If the affiliate data has fewer than 30 observations, the comparison will be to SBC WISCONSIN's retail performance. The modified Z-tests are applicable if the number of data points are greater than or equal to 30 for a given disaggregation category. In cases where benchmarks are established, the determination of compliance is through a comparison to the applicable Commission-approved benchmark. For testing compliance for measures for which the number of data points is 29 or less, the use of permutation tests as outlined below may be used.

3.0 For purposes of this document, performance for the CLEC on a particular sub-measure (disaggregated level) will be considered in compliance with the parity requirement when the measured results in a single month (whether in the form of means, percents, or ratios) for the same sub-measurement, at equivalent disaggregation, for both SBC WISCONSIN and/or its affiliate (whichever is better, provided the number of affiliate data points are equal to or exceeds 30) and CLEC are used to calculate a Z-test statistic and the resulting value is no greater than Critical-Z value that would maintain 95% confidence that the difference in results reflects disparity. That Critical-Z value is 1.645.

Z-Test:

SBC WISCONSIN will utilize the following formulae for determining parity using Z-Test:

For Measurement results that are expressed as Averages or Means:

$$Z = (DIFF) / \sigma_{DIFF}$$

Where: $DIFF = M_{ILEC} - M_{CLEC}$
M_{ILEC} = ILEC Average
M_{CLEC} = CLEC Average
$\sigma_{DIFF} = SQRT \ \sigma^2_{ILEC} (1 / n_{CLEC} + 1 / n_{ILEC})]$
σ^2_{ILEC} = Calculated variance for ILEC
n_{ILEC} = number of observations or samples used in ILEC measurement
n_{CLEC} = number of observations or samples used in CLEC measurement

For Measurement results that are expressed as Percentages or Proportions:

Step 1:

$$\rho = \frac{(n_{ILEC} P_{ILEC} + n_{CLEC} P_{CLEC})}{n_{ILEC} + n_{CLEC}}$$

Step 2:

$$\sigma_{PILEC-PCLEC} = SQRT \ \{ [\rho (1 - \rho)] / n_{ILEC} + [\rho (1 - \rho)] / n_{CLEC}$$

Step 3:

$$Z = (P_{ILEC} - P_{CLEC}) / \sigma_{PILEC-PCLEC}$$

Where: n = number of observations
P = Percentage or Proportion

For Measurement results that are expressed as Rates or Ratios:

$$Z = (DIFF) / \sigma_{DIFF}$$

Where: $DIFF = R_{ILEC} - R_{CLEC}$

$R_{ILEC} = num_{ILEC} / denom_{ILEC}$
$R_{CLEC} = num_{CLEC} / denom_{CLEC}$
$\sigma_{DIFF} = SQRT \ \{[(num_{CLEC} + num_{ILEC}) \div (denom_{CLEC} + denom_{ILEC})] * (1 / denom_{CLEC} + 1 / denom_{ILEC}) \}$

4.0 Qualifications to use Z-Test:

4.1 The proposed Z-tests are applicable to reported measurements that contain 30 or more data points. The Z-test is not applied to measures with benchmark standards.

4.2 The minimum sample size for Tier 2 is 10 observations for the aggregate of all CLECs. Sub-measures in Tier 2 with fewer than 10 observations do not have statistical tests conducted on them.

4.3 In calculating the difference between the performances, the formulas defined above apply when a larger CLEC value indicates a higher quality of performance. In cases where a smaller CLEC value indicates a higher quality of performance the order of subtraction should be reversed (i.e., $M_{ILEC} - M_{CLEC}$, $P_{ILEC} - P_{CLEC}$, $R_{ILEC} - R_{CLEC}$).

4.4 For measurements where the performance delivered to the CLEC is compared to SBC WISCONSIN performance and for which the number of data points are 29 or less for either the CLEC or SBC WISCONSIN, SBC WISCONSIN will apply the following alternatives for compliance.

4.4.1 Alternative 1 (used only in the following situations: 1) for a measure where results for both the CLEC and SBC WISCONSIN Retail or affiliate (whichever is used) both show perfect compliance (no failures), and 2) where the individual transaction detail required to conduct permutation testing is not available):

SBC WISCONSIN applies the Z-Test as described in section 3.0.

4.4.2 Alternative 2 (used in all situations except those defined above for Alternative 1):

For Percentages, the Fisher Exact Permutation Test will be used.

For Averages and Ratios, the following Permutation analysis will be applied to calculate the Z-statistic using the following logic:

(1) Choose a sufficiently large number T.
(2) Pool and mix the CLEC and ILEC data sets.
(3) Randomly subdivide the pooled data sets into two pools, one the same size as the original CLEC data set (n_{CLEC}) and one reflecting the remaining data points, (which is equal to the size of the original ILEC data set, or n_{ILEC}).
(4) Compute and store the Z-test score (Z_S) for this sample.
(5) Repeat steps 3 and 4 for the remaining T-1 sample pairs to be analyzed. (If the number of possibilities is less than 1 million, include a programmatic check to prevent drawing the same pair of samples more than once).
(6) Order the Z_S results computed and stored in step 4 from lowest to highest.
(7) Compute the Z-test score for the original two data sets and find its rank in the ordering determined in step 6.
(8) To calculate P, divide the rank of the Z-test score as determined in step 7 by the number of total runs executed. (P = rank / T).
(9) Using a cumulative standard normal distribution table, find the value Z_A such that the probability (or cumulative area under the standard normal curve) is equal to P calculated in step 8.

Compare Z_A with the Critical Z-value. If Z_A > the Critical Z-value, then the performance is non-compliant.

4.5 SBC WISCONSIN and CLECs will provide software and technical support as needed by Commission Staff for purposes of statistical analysis. Any CLEC who opts into this plan agrees to share in providing such support to Commission Staff.

5.0 Overview of Enforcement Structure

SBC WISCONSIN agrees with the following methodology for developing the liquidated damages and penalty assessment structure for Tier 1 liquidated damages and Tier 2 assessments:

5.1 SBC WISCONSIN will pay Liquidated Damages to the CLEC according to the terms set forth in this document.

5.2 Liquidated damages apply to Tier 1 measurements identified as “Remedied” in the Measurement Type section of the performance measurement business rules documented in Appendix 2.

5.3 Assessments are applicable to Tier 2 measures identified as “Remedied” in the Measurement Type section of the performance measurement business rules documented in Appendix 2, and are payable to the State Fund designated by the Commission.

5.4 SBC WISCONSIN will not be liable for the payment of Tier 1 damages until 10 days after receipt by SBC WISCONSIN of an executed (by CLEC) Interconnection Agreement amendment, terms of which have been agreed to by both CLEC and SBC WISCONSIN, referencing this plan; or if CLEC interconnects by tariff, 10 days after receipt by SBC WISCONSIN of the self-identification form posted on the CLEC OnLine website (https://clec.sbc.com/clec). Tier 1 damages will be accrued, but not paid, effective with the first full month of

performance results after that date, and will be payable from and after the date that the Interconnection Agreement Amendment is approved by the Commission. SBC WISCONSIN will not unnecessarily delay filing of the Interconnection Agreement or amendment once both CLEC and SBC WISCONSIN have signed.

5.5 SBC WISCONSIN will be liable for the payment of Tier 2 assessments upon formal approval of this plan by the Commission in either a generic proceeding or by approving an Interconnection Agreement amendment referencing this plan. Tier 2 assessments will be paid on the aggregate performance for all CLECs that are operating in Wisconsin. To the extent that there are one or more other remedy plans in effect that call for payments to be made to the State (as opposed to, or in addition to, payments to a CLEC or CLECs), SBC WISCONSIN will be liable only for the greater of payments to the State under that plan or the Tier 2 assessments payable under this plan.

5.6 In order to receive payment by check CLEC must complete the CLEC Identification and Liquidated Damages Information Form located on the CLEC OnLine website (https://clec.sbc.com/clec). Otherwise, remedy payment will be made via bill credit.

6.0 Procedural Safeguards and Exclusions

6.1 SBC WISCONSIN agrees that the application of the assessments and damages provided for herein is not intended to foreclose other non-contractual legal and regulatory claims and remedies that may be available to a CLEC. By incorporating these liquidated damages terms into an interconnection agreement and tariff, SBC WISCONSIN and CLEC agree that proof of damages from any "noncompliant" performance measure would be difficult to ascertain and, therefore, liquidated damages are a reasonable approximation of any contractual damage resulting from a non-compliant performance measure. SBC WISCONSIN and CLEC further agree that liquidated damages payable under this provision are not intended to be a penalty.

6.2 SBC WISCONSIN's agreement to implement these enforcement terms, and specifically its agreement to pay any "liquidated damages" or "assessments" hereunder, 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. SBC WISCONSIN and CLEC agree that CLEC may not use: (1) the existence of this enforcement plan; or (2) SBC WISCONSIN's payment of Tier 1 "liquidated damages" or Tier 2 "assessments" as evidence that SBC WISCONSIN 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. SBC WISCONSIN'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 remedy plan agrees that SBC WISCONSIN's performance with respect to this remedy plan may not be used as an admission of liability or culpability for a violation of any state or federal law or regulation. Further, any liquidated damages payment by SBC WISCONSIN under these provisions is not hereby made inadmissible in any proceeding relating to the same conduct where SBC WISCONSIN seeks to offset the payment against any other damages a CLEC might recover. Whether or not the nature of damages sought by the CLEC is such that an offset is appropriate will be determined in the related proceeding. The terms of this paragraph do not apply to any proceeding before the Commission or the FCC to determine whether SBC WISCONSIN has met or continues to meet the requirements of section 271 of the Act.

6.3 SBC WISCONSIN shall not be liable for Tier 2 "assessments" under this remedy plan to the extent they are duplicative of any other assessments or sanctions under the Commission's service quality rules relating to the same performance. This section does not limit the Commission's ability to assess remedies, penalties or fines regarding such performance consistent with their lawful authority.

6.4 Every six months, CLEC may participate with SBC WISCONSIN, other CLECs, and Commission representatives to review the performance measures to determine (a) whether measurements should be added, deleted, or modified; (b) whether the applicable benchmark standards should be modified or replaced by parity standards, or vice versa; and (c) whether to move a classification of a measure, either Tier 1, Tier 2 or both, from Remedied to Diagnostic, or vice versa. Criteria for review of performance

measures, other than for possible reclassification, shall be whether there exists an omission or failure to capture intended performance, and whether there is duplication of another measurement. Any changes to existing performance measures and this remedy plan shall be by mutual agreement of the parties and approval of the Commission. Should disputes occur regarding changes, additions and/or deletions to the performance measurements, the dispute shall be referred to the Commission for resolution. The current measurements and benchmarks will be in effect until modified hereunder through this review process or expiration of the interconnection agreement.

6.5 CLEC and SBC WISCONSIN will consult with one another and attempt in good faith to resolve any issues regarding the accuracy or integrity of data collected, generated, and reported pursuant to this document. In the event that CLEC requests such consultation and the issues raised by CLEC have not been resolved within 45 days after CLEC's request for consultation, then SBC WISCONSIN will allow CLEC to have an independent audit conducted, at CLEC's expense, of SBC WISCONSIN's performance measurement data collection, computing, and reporting processes. In the event the subsequent audit affirms the problem identified by the CLEC, or if any new problem is identified, SBC WISCONSIN shall reimburse the CLEC any expense incurred by the CLEC for such audit. CLEC may not request more than one audit per four calendar months under this section, and may not request an audit of the same performance measurement more than once in a twelve calendar month period. This section does not modify CLEC's audit rights under other provisions of this Agreement or any applicable Commission Order. SBC WISCONSIN agrees to inform all CLECs via Accessible Letter of any problem identified during an audit initiated by any CLEC.

6.6 SBC WISCONSIN agrees to periodic, regional (five-state) audit of the performance measurement data collection, retention, transformation, result and remedy calculation, and result publication processes and systems. The first regional audit shall commence the later of eighteen months after this plan becomes effective or eighteen months after completion of the performance measurement audit of the OSS Third Party Test conducted by KPMG under Docket No. 6720-TI-160. Subsequent to that initial audit, additional periodic audits will be scheduled as deemed necessary by the Commission. CLECs and the Commission will have input into the design and schedule of the audit. An independent, third party auditor chosen by SBC WISCONSIN and approved by the Commission will conduct these audits at SBC WISCONSIN's expense.

7.0 Exclusions Limited

7.1 SBC WISCONSIN will not be excused from payment of liquidated damages or assessments on specific grounds (e.g. Force Majeure, third party systems or equipment problems), unless SBC WISCONSIN prevails in a waiver of liability filed with the Commission seeking expedited resolution. SBC WISCONSIN bears the burden of proof and must pay the remedies in advance of the expedited hearing, subject to refund, including interest, if it prevails. SBC WISCONSIN will not be excused from payment of liquidated damages or assessments on any other grounds except as addressed in Section 7.2 or by application of the procedural threshold provided for below. Neither party will be required to pay attorneys fees to the prevailing party. If an event which is the subject of a waiver of liability only suspends SBC WISCONSIN's ability to timely perform an activity subject to performance measurement, the applicable time frame in which SBC WISCONSIN's compliance with the parity or benchmark criterion is measured will be extended on an hour for hour or day for day basis, as applicable, equal to the duration of the excusing event.

7.2 In addition to the provisions set forth herein, SBC WISCONSIN shall not be obligated to pay liquidated damages or assessments for noncompliance with a performance measure to the extent that such noncompliance was the result of an act or omission by a CLEC that is contrary to any of the CLEC's obligations under its interconnection agreement with SBC WISCONSIN or under the Act or Wisconsin law or tariff. An example of a potential act or omission could include, inter alia, unreasonably holding orders and/or applications and "dumping" such orders or applications in unreasonably large batches, at or near the close of a business day, on a Friday evening or prior to a holiday.

7.3 In any event where SBC WISCONSIN believes there has been an act or omission by a CLEC that is contrary to any of the CLEC's obligations under its interconnection agreement with SBC WISCONSIN or

under the Act or Wisconsin law or tariff and that has caused noncompliance with a performance measurement, and a dispute occurs, SBC WISCONSIN shall pay one-half of the Tier 1 remedies to the CLEC while disputes are referred to the Commission for resolution, subject to refund, including interest, if SBC WISCONSIN prevails. If SBC WISCONSIN does not prevail, the remaining one-half of the Tier 1 remedies will be paid, with interest, within 30 days of a final, non-appealable resolution by the Commission. SBC WISCONSIN shall pay Tier 2 remedies to the State Fund designated by the Commission after the disputes are resolved. SBC WISCONSIN will have the burden in any such proceeding to demonstrate that its noncompliance with the performance measurement is due to such acts or omissions by a CLEC.

7.4 SBC WISCONSIN and CLEC agree that a procedural annual threshold will apply to the aggregate total of any Tier 1 liquidated damages (including any such damages paid pursuant to this Agreement or to any other Wisconsin interconnection agreement with a CLEC) and Tier 2 assessments or voluntary payments made by SBC WISCONSIN pursuant to any Wisconsin interconnection agreement or tariff with a performance remedy plan for the calendar year. The annual threshold amounts will be determined by SBC WISCONSIN, based on the formula of 36% of Net Return as set forth at ¶ 436 and footnote 1332 of the FCC's December 22, 1999 Memorandum Opinion and Order in CC Docket No. 99-295. The annual threshold shall be re-calculated on the first business day of the calendar year when updated ARMIS data is made publicly available. For purposes of applying the threshold, the calendar year shall apply. Once the annual threshold is established, a maximum monthly threshold will be determined by dividing the amount of the annual threshold by twelve. CLEC further acknowledges that a maximum monthly threshold of one-twelfth of the annual threshold for Tier 1 liquidated damages and Tier 2 assessments will apply to all performance payments made by SBC WISCONSIN under all SBC WISCONSIN interconnection agreements and tariff. To the extent in any given month the monthly threshold is not reached, the subsequent month's total threshold will be increased by an amount equal to the unpaid portion of the previous month's threshold. At the end of the year, if the aggregate total of Tier 1 liquidated damages and Tier 2 assessments under all SBC WISCONSIN interconnection agreements and Performance Measurements and Remedy Plan tariff equals or exceeds the annual threshold, but SBC WISCONSIN has paid less than that amount due to the monthly threshold, SBC WISCONSIN shall be required to pay an amount equal to the difference between the annual threshold and the amount paid. In such event, Tier 1 liquidated damages shall be paid first on a pro rata basis to CLECs, and any remainder within the annual threshold shall be paid as a Tier 2 assessment. In the event the total calculated amount of damages and assessments for the year is less than the annual threshold, SBC WISCONSIN shall be obligated to pay ONLY the actual calculated amount of damages and assessments.

7.5 Whenever SBC WISCONSIN Tier 1 payments to an individual CLEC in a given month exceed 12.5% of the monthly threshold amount, or the Tier 1 payments to all CLECs in a given month exceed the monthly threshold, then SBC WISCONSIN may request a hearing before the Commission. Upon timely commencement of this proceeding, SBC WISCONSIN must pay one-half of the damages owed to the individual CLEC (subject to refund, including interest, if it prevails), and the balance of damages owed into escrow to be held by a third party pending the outcome of the hearing. To invoke these escrow provisions, SBC WISCONSIN must file with the Commission, not later than the due date of the affected damages payments, an application to show cause why it should not be required to pay any amount in excess of the threshold amount. SBC WISCONSIN's application will be processed in an expedited manner to the extent authorized by Wis. Stat. section 196.199. SBC WISCONSIN will have the burden of proof to demonstrate why, under the circumstances, it should not be required to pay liquidated damages in excess of the applicable threshold amount. If SBC WISCONSIN reports non-compliant performance to the CLEC for three consecutive months on 20% or more of the measures reported to the CLEC, but SBC WISCONSIN has incurred no more than 4.2% of the monthly threshold amount in liquidated damages obligations to the CLEC for that period under the enforcement terms set out here, then the CLEC may commence an expedited dispute resolution under this paragraph to the extent authorized by Wis. Stat. section 196.199 to request that SBC WISCONSIN should have to pay an amount of damages in excess of the amount calculated under these enforcement terms. In any such proceeding the CLEC will have the burden of proof

to demonstrate why SBC WISCONSIN should have to pay any amount of damages in excess of the amount calculated under these enforcement terms.

7.6 SBC WISCONSIN's Tier 1 remedy liability to any individual CLEC in any month will not exceed (will be capped at) the total billed revenue due SBC WISCONSIN for services provided to the CLEC in the same month for which the remedy liability was incurred.

7.7 SBC WISCONSIN will post on its Internet website the aggregate payments of any liquidated damages or assessments paid during the current calendar year.

7.8 With respect to any interconnection agreement, SBC WISCONSIN or any CLEC may request an expedited dispute resolution proceeding before the Commission pursuant to sections 7.4 and 7.5 above.

8.0 Tier 1 Damages Payable to CLECs:

8.1 Tier 1 liquidated damages apply to measures designated in Appendix 2 as Remedied when SBC WISCONSIN delivers "non-compliant" performance as defined in Section 3 above.

8.2 Liquidated damages in the amount specified in TABLE 1: Per Occurrence Liquidated Damage Amount Index Table below apply to all "non-compliant" sub-measures subject to remedies. Liquidated damages apply on a per occurrence basis, using the amount per occurrence taken from the table below, based on the number of consecutive months for which SBC WISCONSIN has reported noncompliance for the sub-measure and on the overall percentage of sub-measures subject to remedies for which SBC WISCONSIN met or exceeded the performance standard. For those measures listed in Appendix 3 as "Measurements That Are Subject to Per Occurrence Damages or Assessments With a Cap," the amount of liquidated damages in a single month for a disaggregation category shall not exceed the amount listed in TABLE 2: Per Measure/Cap Liquidated Damage Amount Index Table. For those measures listed in Appendix 3 as "Measurements That Are Subject to Per Measure Damages or Assessments," liquidated damages will apply on a per disaggregation category basis, at the amounts set forth in the TABLE 2: Per Measure/Cap Liquidated Damage Amount Index Table below. The methodology for determining the number of occurrences is addressed in "Methods of Calculating Liquidated Damages and Assessment Amounts," below.

8.3 TABLE 1 and TABLE 2 utilize an Index Value ("IV") that establishes the single level of liquidated damages assessment amount to be paid to all CLECs participating in the Plan in the case of a failure to meet or exceed a performance standard. This Index Value is uniquely established for each month's results based on the overall performance SBC WISCONSIN provided to the CLECs as a whole on remedied sub-measures. The IV is calculated by (1) determining the number of reported sub-measure results subject to remedies for which performance met or exceeded the standard of comparison; (2) determining the total number of reported sub-measures subject to remedies; and (3) dividing (1) by (2) and multiplying by 100. The number of sub-measures is intended to reflect all CLEC activity within the state that is subject to remedy as defined in the performance measurement user guide. More specifically, a sub-measure is defined as a fully disaggregated (e.g. by product, by geography, by CLEC) performance measurement result. For determining the IV, the denominator is the total number of sub-measures reported, across all CLECs with activity, that are subject to liquidated damages remedy payments payable to CLECs or assessments payable to the State are included. This formula is provided below.

$$IV = (RSM_{passed} \div RSM_{total}) \times 100$$

Where

RSM_{passed} = Total number of Remedied Sub-Measure results where performance met or exceeded the standard of comparison

RSM_{total} = Total count of Remedied Sub-Measure results

8.4 Upon completion of each twelve-month period of performance reporting under this plan beginning October 2002, performance for the previous twelve months in total shall be calculated in the same fashion as defined in Section 8.3. Should the IV result calculated for that entire twelve-month period, by averaging the

individual month's IV values, not meet or exceed 92%, the liquidated damages remedy amounts applicable in Tables 1 and 2 will step back to the previous level for the next twelve months, unless the level of payments is already at the highest payment schedule whereby it would remain at that level for the next twelve months.

8.5 For measures identified in Attachment A and defined in Appendix 1 as subject to a Tier 1 remedy, liquidated damages apply as indicated in Section 8.2 whenever the following occurs:

- Performance is below the ceiling performance level and equal to or above the floor performance level and not in parity; or
- Performance is below the floor performance level, whether or not in parity.

Performance above the ceiling performance standard is deemed to have met the performance standard regardless of the result of a parity comparison.

When performance for the CLEC is below the floor, liquidated damages will be calculated against the better of the floor level of performance or the parity comparison performance.

Should the Commission order the implementation of retail performance standards applicable to all carriers providing retail local exchange services, or order changes to existing retail performance standards applicable to all carriers providing retail local exchange service, the parties will negotiate whether or not to create new, or modify existing, floor and ceiling performance standards.

8.6 Following at least two consecutive months of non-compliance for a given sub-measure, liquidated damages will be subject to a "proof of compliance" period for that individual metric. This process will require SBC WISCONSIN to return to compliance for a specified number of months, based on the number of consecutive months non-compliant performance, before the liquidated damages amount is reduced to the lowest, or single month of non-compliance, level. For example, if SBC WISCONSIN was out of compliance for four consecutive months for a given performance measurement reported for a specific CLEC, SBC WISCONSIN will have to provide this CLEC three consecutive months of compliant performance for this same submeasure before it can begin paying the "Month 1" liquidated damage amount.

8.7 During this "proof of compliance" period, SBC WISCONSIN will make liquidated damages payments *only* for those months during which the performance result for a specific sub-measure is determined to be "non-compliant" for a CLEC. This remedy payment amount will return to the lowest level of payment when SBC WISCONSIN provides "compliant" performance for the number of consecutive months identified in TABLE 4: "Step-Down" Table Of Liquidated Damages For Tier 1 Measures where the payment amount is "Month One Amount". Until the performance result has met or exceeded the standard of comparison for three consecutive months, liquidated damages amounts will be determined using the number of months defined in Table 4.

8.8 SBC WISCONSIN is obligated to correctly and completely report performance results for CLEC and the aggregate of all CLECs. On occasion, it may be necessary for SBC WISCONSIN to restate previously published performance results to comply with this obligation where the originally published results were materially different from actual performance. SBC WISCONSIN will provide notice, via the CLEC OnLine web site, to CLEC and the Commission of each restatement, indicating the performance measurements restated, which months' performance the measurements were restated for, and why the restatement was necessary.

8.9 In the event that performance measurement results need to be restated, SBC WISCONSIN will restate those results as soon as possible for a period not to exceed the three months prior to the month for which results have most recently been reported at time of the restatement. In a case where restatement is required to address an audit finding, the restatement will be applied for the period of time necessary to resolve the finding.

8.10 If it is determined through restatement of performance results or other means that SBC WISCONSIN underpaid liquidated damages due a CLEC, or assessments due the State, SBC WISCONSIN will make

additional payment/bill credit to the CLEC and/or payments to the State to the extent that it underpaid. All underpayments will be credited with interest. Beginning October 1, 2003, in the event that determination is made through restatement of performance results or other means that SBC WISCONSIN overpaid, current and/or future monthly liquidated damages remedy payments/bill credits to CLEC and/or assessments to the State will be offset by the amount of overage.

8.11 SBC WISCONSIN shall be able to apply any liquidated damages remedy payments duetoward those charges that the CLEC owes SBC WISCONSIN for services rendered (or facilities provided) so long as such charges are undisputed and are past due for not less than 90 days.

8.12 If performance for any sub-measure fails to meet the standard of performance (parity or benchmark) defined in Appendix One for three consecutive months, SBC WISCONSIN will, at request of the CLEC, initiate a "gap closure" effort. For a measure to which a floor applies, "gap closure" can be initiated when performance is below the floor for two consecutive months. The "gap closure" effort will (1) identify the root cause for the failure to meet the performance standard, and (2) develop an action plan to improve performance to a level where it is meeting the standard of performance. Documentation of the root cause and the action plan to address it will be provided to the CLEC requesting "gap closure" within 30 days of CLEC request. If requesting CLEC assesses the action plan as inadequate, the issue will be escalated to senior management responsible for the CLEC account and the operational area(s) impacted. A response will be provided to CLEC senior management within 10 business days of receipt of the escalation from the CLEC.

TABLE 1: Per Occurrence Liquidated Damage Amount Index Table						
Index Value ("IV")	Consecutive Months Missed					
	One	Two	Three	Four	Five	Six or More
Effective Beginning With The First Month's Results Reported Under This Plan Through The Twelfth Month's Results Reported Under This Plan						
IV >= 92.0%	$35	$50	$100	$200	$300	$400
86.0% <= IV < 92.0%	$50	$70	$125	$250	$350	$450
80.0% <= IV < 86.0%	$75	$90	$150	$300	$400	$500
74.0% <= IV < 80.0%	$100	$125	$250	$500	$600	$700
IV < 74%	$150	$175	$350	$700	$800	$900
Effective Beginning With The Thirteenth Month's Results Reported Under This Plan Through The Twenty-Fourth Month's Results Reported Under This Plan						
IV >= 92.0%	$30	$55	$100	$200	$300	$400
86.0% <= IV < 92.0%	$40	$65	$125	$250	$350	$450
80.0% <= IV < 86.0%	$50	$80	$150	$300	$400	$500
74.0% <= IV < 80.0%	$100	$125	$250	$500	$600	$700
IV < 74%	$150	$175	$350	$700	$800	$900
Effective Beginning With The Twenty-Fifth Month's Results Reported Under This Plan						
IV >= 92.0%	$25	$50	$100	$200	$300	$400
86.0% <= IV < 92.0%	$35	$60	$125	$250	$350	$450
80.0% <= IV < 86.0%	$50	$75	$150	$300	$400	$500
74.0% <= IV < 80.0%	$100	$125	$250	$500	$600	$700
IV < 74%	$150	$175	$350	$700	$800	$900

TABLE 2: Per Measure/Cap Liquidated Damage Amount Index Table						
Index Value ("IV")	Consecutive Months Missed					
	One	Two	Three	Four	Five	Six or More
Effective Beginning With The First Month's Results Reported Under This Plan Through The Twelfth Month's Results Reported Under This Plan						
IV >= 92.0%	$9,000	$15,000	$15,000	$20,000	$25,000	$30,000
86.0% <= IV < 92.0%	$12,500	$20,000	$22,500	$30,000	$37,500	$45,000

80.0% <= IV < 86.0%	$15,000	$25,000	$30,000	$40,000	$50,000	$60,000
74.0% <= IV < 80.0%	$20,000	$30,000	$45,000	$60,000	$75,000	$90,000
IV < 74%	$25,000	$50,000	$75,000	$100,000	$125,000	$150,000
Effective Beginning With The Thirteenth Month's Results Reported Under This Plan Through The Twenty-Fourth Month's Results Reported Under This Plan						
IV >= 92.0%	$7,500	$12,500	$15,000	$20,000	$25,000	$30,000
86.0% <= IV < 92.0%	$10,000	$17,500	$22,500	$30,000	$37,500	$45,000
80.0% <= IV < 86.0%	$15,000	$20,000	$30,000	$40,000	$50,000	$60,000
74.0% <= IV < 80.0%	$20,000	$30,000	$45,000	$60,000	$75,000	$90,000
IV < 74%	$25,000	$50,000	$75,000	$100,000	$125,000	$150,000
Effective Beginning With The Twenty-Fifth Month's Results Reported Under This Plan						
IV >= 92.0%	$5,000	$10,000	$15,000	$20,000	$25,000	$30,000
86.0% <= IV < 92.0%	$7,500	$15,000	$22,500	$30,000	$37,500	$45,000
80.0% <= IV < 86.0%	$10,000	$20,000	$30,000	$40,000	$50,000	$60,000
74.0% <= IV < 80.0%	$15,000	$30,000	$45,000	$60,000	$75,000	$90,000
IV < 74%	$25,000	$50,000	$75,000	$100,000	$125,000	$150,000

TABLE 3: Assessment Amounts For Tier 2 Measures	
Per Occurrence	$200
Per Measure / Cap*	$20,000

TABLE 4: "Step-Down" Table Of Liquidated Damages For Tier 1 Measures				
	Consecutive Months Non-Compliant Performance Prior to First Month of Compliant Performance			
Consecutive Months Compliant Performance Before Subsequent Non-Compliant Month	Three Months	Four Months	Five Months	Six Months or More
Per Occurrence and Per Measure/Cap				
One Month	Month Two Amount	Month Three Amount	Month Four Amount	Month Five Amount
Two Months	Month One Amount	Month Two Amount	Month Two Amount	Month Three Amount
Three Months or More	Month One Amount	Month One Amount	Month One Amount	Month One Amount

8.13 Example Application of "Step-Down" Table

Assume a measurement result is deemed non-compliant for four consecutive months. Performance is then deemed compliant with the measurement standard in the fifth month. Further assume that in the sixth month performance is again deemed non-compliant, resulting in four consecutive months missed, followed by one month (month five) met and the next month (month six) missed. Using Table 4 above, remedies for performance in month six would be at the level of three consecutive months missed. This can be confirmed by looking at the column for "Consecutive Months Non-Compliant Performance Prior to First Month of Complaint Performance", or the "Four Months" column in this example, then looking at the row for "Consecutive Months Complaint Performance Before Subsequent Non-Compliant Month", or the "One Month" row in this example. The intersecting cell indicates that remedies would be paid at the "Month Three Amount", or the level corresponding to three consecutive months misses for the measure from Table 1 or Table 2 (as applicable to the specific measure).

9.0 Tier 2 Assessments to the State:

9.1 Assessments payable to the State Fund designated by the Commission apply to the Tier 2 measures designated in Appendix 2 as "Remedied" when SBC WISCONSIN and/or its affiliate (whichever is better, provided the affiliate data points equal or exceed 30) performance is out of parity or does not meet the benchmarks for the aggregate of all CLEC data. Specifically, if the Z-test value is greater than the Critical Z, the performance for the reporting category is out of parity or below standard. Assessments will be paid when the aggregate of all CLECs has at least 10 observations.

9.2 For those measurements where a per occurrence assessment applies, an assessment as specified in TABLE 3: Assessment Amounts for Tier 2 Measures shown above for each occurrence is payable to the State Fund designated by the Commission for each sub-measure that exceeds the Critical Z-value for three consecutive months. For those measurements listed in Appendix 3 as measurements subject to per occurrence with a cap, an assessment as shown in TABLE 3: Assessment Amounts for Tier 2 Measures shown above for each occurrence within the applicable cap is payable to the State Fund designated by the Commission for each sub-measure that exceeds the Critical Z-value for three consecutive months. For those Tier 2 measurements listed in Appendix 3 as subject to a per measurement assessment, an assessment amount as shown in TABLE 3: Assessment Amounts for Tier 2 Measures shown above is payable to the State Fund designated by the Commission for each sub-measure that exceeds the Critical Z-value for three consecutive months.

10.0 Posting of Results and Provision of Liquidated Damages and Assessment Payments:

10.1 If SBC WISCONSIN fails to submit performance reports by the last business day of the month following actual performance, the following assessments payable to the State Fund designated by the Commission apply unless excused for good cause by the Commission:

- If no reports are filed, $5,000 per day past due;
- If incomplete reports are filed, $1,000 per day for each performance measurement listed in the User Guide for which results are not posted, but not to exceed $5,000 per day past due.

10.2 If SBC WISCONSIN alters previously reported data for a CLEC, and after discussions with SBC WISCONSIN the CLEC disputes such alterations, then the CLEC may ask the Commission to review the submissions and the Commission may take appropriate action. This does not apply to the limitation stated under the section titled "Exclusions Limited."

10.3 When SBC WISCONSIN performance creates an obligation to pay liquidated damages to a CLEC or an assessment to the State under the terms set forth herein, SBC WISCONSIN shall make payment by check, bill credit or other direct payment method in the required amount on or before the last business day of the month following the due date of the performance measurement report for the month in which the obligation arose (e.g., if SBC WISCONSIN performance through March is such that SBC WISCONSIN owes liquidated damages to CLECs for March performance, or assessments to the State for January – March performance, then those payments will be due the last business day of May, the last business day of the month following the month (April) in which results were posted). (In order to receive payment by check CLEC must complete the CLEC identification and liquidated damages Information Form located on the CLEC website.) For each day after the due date that SBC WISCONSIN fails to pay the required amount, SBC WISCONSIN will pay interest to the CLEC at the maximum rate permitted by law for a past due liquidated damages obligation and will pay an additional $3,000 per day to the State Fund designated by the Commission for a past due assessment.

10.4 SBC WISCONSIN may not withhold payment of liquidated damages to a CLEC unless SBC WISCONSIN has commenced a Commission arbitration proceeding on or before the payment due date, asserting that noncompliance was the result of an act or omission by a CLEC as more fully described in Section 7.2 and 7.3.

10.5 CLEC will have access to monthly reports on performance measures and business rules through an Internet website that includes performance results for individual CLECs, the aggregate of all CLECs, and SBC WISCONSIN.

10.6 The thresholds more fully described in Section 7.4. do not apply to assessments under Section 10 of this document.

11.0 Methods of Calculating Liquidated Damages and Assessment Amounts

The following methods apply in calculating per occurrence liquidated damage and assessments:

11.1 Calculating Tier 1 Liquidated Damages

11.1.1 Measures for Which the Reporting Dimensions are Averages or Means

Step 1: Calculate the average or the mean for the sub-measure for the CLEC that would yield the Critical Z-value. Use the same denominator as the one used in calculating the Z-statistic for the sub-measure. (There are no Critical Z-values calculated for Benchmark measures.)

Step 2: Calculate the percentage difference between the actual average and the calculated average. For benchmark measures or floors (for measures that have floors and the floor applies to the result), calculate the percentage difference between the actual average and the benchmark. This percentage is capped at 100%.

Step 3: Multiply the total number of data points by the percentage calculated in the previous step and round this number up to the next integer. Then multiply the result by the per occurrence dollar amount taken from the Liquidated Damages Table for Tier 1 Measures to determine the applicable liquidated damages for the given month for that sub-measure.

11.1.2 Measures for Which the Reporting Dimensions are Percentages

Step 1: Calculate the percentage for the sub-measure for the CLEC that would yield the Critical Z-value. Use the same denominator as the one used in calculating the Z-statistic for the sub-measure. (There are no Critical Z-values calculated for Benchmark measures.)

Step 2: Calculate the difference between the actual percentage for the CLEC and the calculated percentage. For benchmark measures or floors (for measures that have floors and the floor applies to the result), calculate the difference between the actual percentage and the benchmark.

Step 3: Multiply the total number of data points by the difference in percentage calculated in the previous step and then round this number up to the next integer. Then multiply the result by the per occurrence dollar amount taken from the Liquidated Damages Table to determine the applicable liquidated damages for the given month for that sub-measure.

11.1.3 Measures for Which the Reporting Dimensions are Ratios or Rates

Step 1: Calculate the ratio for the sub-measure for the CLEC that would yield the Critical Z-value. Use the same denominator as the one used in calculating the Z-statistic for the sub-measure. (There are no Critical Z-values calculated for Benchmark measures.)

Step 2: Calculate the difference between the actual ratio for the CLEC and the calculated ratio. For benchmark measures or floors (for measures that have floors and the floor applies to the result) calculate the difference between the actual ratio and the benchmark. This difference is capped at 100%.

Step 3: Multiply the total number of data points by the percentage calculated in the previous step and then round this number up to the nearest integer. Then multiply the result by the per occurrence dollar amount taken from the Liquidated Damages Table for Tier 1 Measures to determine the applicable liquidated damages for the given month for that sub-measure.

11.2 Calculating Tier 2 Assessments

11.2.1 Determine the Tier 2 measurement results that are non-compliant for three consecutive months for the aggregate of all CLECs. If the non-compliant classification continues for three consecutive months, an additional assessment will apply in the third month and in each succeeding month as calculated below, until SBC WISCONSIN reports performance that meets the applicable criterion. That is, Tier 2 assessments will apply on a "rolling three month" basis, one assessment for the average number of occurrences for months 1-3, one assessment for the average number of occurrences for months 2-4, one assessment for the average number of occurrences for months 3-5, and so forth, until satisfactory performance is established.

11.2.2 Measures for Which the Reporting Dimensions are Averages or Means

Step 1: Calculate the average or the mean for the sub-measure for the CLECs that would yield the Critical Z-value for each of the three non-compliant months. Use the same denominator as the one used in calculating the Z-statistic for the sub-measure. (There are no Critical Z-values calculated for Benchmark measures.)

Step 2: Calculate the percentage difference between the actual average and the calculated average for each of the three non-compliant months. For benchmark measures, calculate the percentage difference between the actual average and the benchmark for each of the three non-compliant months. This percentage is capped at 100%.

Step 3: Multiply the total number of data points for each month by the percentage calculated in the previous step. Calculate the average for three months of these numbers rounding up the result to the next highest integer. Then multiply the result by the per occurrence dollar amount specified in the Assessment Table for Tier 2 Measures to determine the applicable assessment payable to the State Fund designated by the Commission for that sub-measure.

11.2.3 Measures for Which the Reporting Dimensions are Percentages

Step 1: Calculate the percentage for the sub-measure for the CLECs that would yield the Critical Z-value for each of the three non-compliant months. Use the same denominator as the one used in calculating the Z-statistic for the sub-measure. (There are no Critical Z-values calculated for Benchmark measures.)

Step 2: Calculate the difference between the actual percentage for the CLECs and the calculated percentage for each of the three non-compliant months. For benchmark measures, calculate the difference between the actual percentage and the benchmark for the three non-compliant months.

Step 3: Multiply the total number of data points for each month by the difference in percentage calculated in the previous step. Calculate the average for three months of these numbers rounding up the result to the next highest integer. Then multiply the result by the per occurrence dollar amount specified in the Assessment Table for Tier 2 Measures to determine the applicable assessment payable to the State Fund designated by the Commission for that sub-measure.

11.2.4 Measures for Which the Reporting Dimensions are Ratios or Rates

Step 1: Calculate the ratio for the sub-measure for the CLECs that would yield the Critical Z-value for each of the three non-compliant months. Use the same denominator as the one used in calculating the Z-statistic for the sub-measure. (There are no Critical Z-values calculated for Benchmark measures.)

Step 2: Calculate the difference between the actual ratio for the CLECs and the calculated ratio for each month of the non-compliant three-month period. For benchmark measures calculate the difference between the actual ratio and the benchmark for the three non-compliant months. This difference is capped at 100%.

Step 3: Multiply the total number of service orders by the percentage calculated in the previous step for each month. Calculate the average for three months of these numbers rounding up the result to the next highest integer. Then multiply the result by the per occurrence dollar amount specified in the Assessment Table for Tier 2 Measures to determine the applicable assessment payable to the State Fund designated by the Commission for that sub-measure.

The parties will propose as part of the PM six-month review collaborative that section 12 be moved to Appendix 1 – SBC WISCONSIN Performance Measurement User Guide as an attachment so that it can be updated through the six-month review process as needed.

12.0 Advanced and Nascent Services:

12.1 In order to ensure parity and benchmark performance where CLECs order low volumes of advanced and nascent services, SBC WISCONSIN will make increased voluntary payments to the State Fund designated by the Commission on those measurements listed in section 12.3 below (the "Qualifying Measurements"). Such increased voluntary payments will only apply when there are more than 10 and less than 100 observations for a Qualifying Measurement on average statewide for a three-month period with respect to the following order categories:

12.2 The following are the qualifying sub-measures (if within a qualifying measurement):

- UNE loop and port combinations;
- resold ISDN;
- ISDN UNE loop and port combinations;
- BRI loop with test access; and
- DSL loops.

12.3 The Qualifying Measurements are as follows:

Provisioning Measurements:

- PMs 29, 45, 58 – Percent SBC WISCONSIN Caused Missed Due Dates
- PMs 35, 46, 59 – Installation Trouble Reports Within "X" Days
- PMs 27, 43, 56 – Mean Installation Interval
- PMs 32, 49, 62 – Average Delay Days for SBC WISCONSIN Caused Missed Due Dates
- PM 55.1 – Average Installation Interval – DSL
- PM 1.1 – Average Response Time for Loop Qualification Information

Maintenance Measurements:

- PMs 38, 66 – % Missed Repair Commitments
- PMs 41, 53, 69 – % Repeat Reports
- PMs 39, 52, 67 – Mean Time to Restore
- PMs 37.1, 54.1, 65.1 – Trouble Report Rate

12.4 The increased voluntary payments referenced in section 12.1 will be made only if SBC WISCONSIN fails to provide parity or benchmark service for the above measurements as determined by the use (where appropriate) of the Modified Z-test and a Critical Z-value for either:

- 3 consecutive months; or
- 6 months or more in a calendar year.

12.5 The increased voluntary payments will only be calculated on the rolling average of occurrences or measurements, as appropriate, where SBC WISCONSIN has failed to provide parity or benchmark performance for 3 consecutive months. If SBC WISCONSIN fails to provide parity or benchmark

performance in Wisconsin for 6 or more months in a calendar year, the increased voluntary payments will be calculated as if all such months were missed consecutively.

12.6 If, for the three months that are utilized to calculate the rolling average, there were 100 observations or more on average for the qualifying measurement or sub-measurement, then no increased voluntary payments will be made to the State Fund designated by the Commission . However, if during this same time frame there either is (i) an average of more than 10 but less than 100 observations for a qualifying sub-measure on a statewide basis or (ii) an average of more than 10 but less than 100 for a non-qualifying sub-measure within a qualifying measure where the measure's average is more than 10 but less than 100 observations, then SBC WISCONSIN shall calculate the payments to be made in addition to the normal payment to the State Fund designated by the Commission by first applying the normal Tier 2 assessment calculation methodology to that qualifying measurement, and then doubling (multiplying by 2) that amount. The effect of this calculation results in total payment being made at three times the normal amount alone.

12.7 Any payments made hereunder shall be subject to the annual threshold set forth in Section 7.4.

13.0 The following documents are incorporated herein by reference:

Appendix 1: SBC WISCONSIN Performance Measurement User Guide (a document available from CLEC Account Managers or found on the SBC WISCONSIN Performance Measurement website)

Appendix 2: Performance Measures Subject to Tier 1 and Tier 2 Damages

Appendix 3: Measurements Subject to Per Occurrence Damages or Assessments With a Cap and Measurements Subject to Per Measure Damages or Assessments

In the event of any inconsistency between Appendices 1, 2 and/or 3 and this performance remedy plan, this performance remedy plan shall supercede and control. In addition, Appendix 1 shall be supplemented by Attachment A hereto.

The parties will propose as part of the PM six-month review collaborative that Appendix 2 and Appendix 3 be moved to attachments to Appendix 1 – SBC WISCONSIN Performance Measurement User Guide so that they can be updated through the six-month review process as needed.

APPENDIX-PRICING
(WISCONSIN)

TABLE OF CONTENTS

1. INTRODUCTION 3
2. RECURRING CHARGES 6
3. NON-RECURRING CHARGES 7
4. BILLING 7

APPENDIX PRICING
(WISCONSIN)

1. INTRODUCTION

1.1 This Appendix sets forth the pricing terms and conditions only for the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) identified in 1.3 below. The rate table included in this Appendix is divided into the following five categories: Unbundled Network Elements (UNEs), Resale, Other (Resale), Other and Reciprocal Compensation. These categories are for convenience only and shall not be construed to define or limit any of the terms herein or affect the meaning or interpretation of this Agreement, including but not limited to the term "Lawful UNE," as that term is defined and used in this Agreement.

1.2 SBC Communications Inc. (SBC) means the holding company which directly or indirectly owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company d/b/a SBC Connecticut, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma and/or SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.3 SBC WISCONSIN - As used herein, SBC WISCONSIN means Wisconsin Bell, Inc. d/b/a SBC Wisconsin, the applicable SBC-owned ILEC doing business in Wisconsin.

1.4 Replacement of Non-Interim Rates

Certain of the non-interim rates, prices and charges set forth in this Agreement may have been established by the Commission ("Commission-established Non-Interim Rate(s)"). All rates included in this Agreement that are not specifically excluded from treatment under this Section 1.4, or that are not marked as interim or as "TBD" (To Be Determined) shall be considered Commission-established Non-Interim Rates. If, during the Term of this Agreement the Commission or the FCC modifies a Commission-established Rate(s) in an order or docket that is established by the Commission or FCC to be generally applicable to the Interconnection, Unbundled Network Elements, Collocation, functions, facilities, Resale discounts, or products or services ("Products or Services") available under this Agreement (i.e. *not* an order or docket relating only to a specific complaint or interconnection agreement arbitration), either Party may provide written notice ("Rate Change Notice") to the other Party, ***after the effective date of such order***, that it wishes for the modified Commission-established Non-Interim Rate(s), ("Modified Rate(s)") to replace and supersede the Commission-established Non-Interim Rate(s) already set forth in this Agreement. Following such Rate Change Notice by either Party, and without the need for any formal amendment or further Commission action, the CLEC's billing tables will be updated to reflect (and CLEC will be charged) the Modified Rate(s), pursuant to timeframes as specifically set forth in Sections 1.4.1 and 1.4.3, below, and the Modified Rate(s) will be deemed effective between the Parties as provided in Sections 1.4.1 and 1.4.3, below. Nonetheless, the Parties shall negotiate a conforming amendment which shall reflect that the Commission-established Non-Interim Rate(s) were replaced by the Modified Rate(s), and shall submit such Amendment to the state commission for approval. In addition, as soon as is reasonably practicable after such Rate Change Notice, each Party shall issue to the other Party any adjustments that are necessary to reflect that the Modified Rate(s) became effective between the Parties as provided below:

1.4.1 If the Rate Change Notice is issued by a Party within ninety (90) days after the effective date of any such order, the Modified Rate(s) will be deemed effective between the Parties as of the effective date of the order, and SBC WISCONSIN will issue any adjustments that are appropriate (e.g., billing of additional charges, billing credit adjustments) to retroactively true-up the Modified Rate(s) with the Commission-established Non-Interim Rate(s) for the period after the effective date of the order, in accordance herewith.

1.4.2 In the event that neither Party issues a Rate Change Notice to the other Party with respect to an order, the Commission-established Non-Interim Rate(s) set forth in the Agreement shall continue to apply, notwithstanding the issuance of that order.

1.4.3 In the event that a Party issues a Rate Change Notice under this Section 1.4, but not within ninety (90) days after the effective date of the order, then the Modified Rate(s) will be deemed effective between the Parties as of the date the amendment incorporating such Modified Rate(s) into the Agreement is effective between the Parties (following the date the amendment is approved or is deemed to have been approved by the state commission), and shall apply, upon the amendment effective date, on a prospective basis only. Further, the Party shall be foreclosed from replacing or otherwise superseding the Commission-established Non-Interim Rate(s) with the Modified Rate(s) for any period prior to the effective date of such amendment.

1.4.4 In the event the terms and conditions of this Section 1.4 was not part of an approved and effective agreement between the Parties at the time the order became effective, either Party may still give a Rate Change Notice, and the Modified Rate(s) shall be effective as of the date the Parties' Agreement (the Agreement containing this Section 1.4) becomes effective (following the date the Agreement is approved or deemed to have been approved by the Commission) and shall apply, beginning on the Agreement's effective date, on a prospective basis only. Further, the Party shall be foreclosed from replacing or otherwise superseding the Commission-established Non-Interim Rate(s) with the Modified Rate(s) for any period prior to the effective date of the Agreement containing this Section 1.4.

1.5 The Parties understand and agree that on May 9, 2003, the Public Utilities Act of Illinois was amended to add Sections 13-408 and 13-409, 220 ILCS 5/13-408 and 13-409, and enacted into law ("Illinois Law"). The Illinois Law establishes a specific method for setting certain UNE rates in Illinois, mandates that the Illinois Commerce Commission ("ICC") apply the method and determine the rates ("ICC Rates"), and expressly deems all interconnection agreements to be amended to contain the ICC Rates immediately upon the ICC's announcement of such adjusted rates, without further action. The Parties understand and agree that the rates in the attached Pricing Schedule are based upon SBC 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, SBC 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 SBC Illinois will issue any adjustments, as needed (e.g., billing of additional charges, billing credit adjustments), to reflect that the ICC Rates became effective between the Parties as of the effective date of the applicable ICC order(s) and to retroactively true-up the ICC Rates with the corresponding rates currently contained in this Agreement (for the state of Illinois only) for the period after the effective date of the applicable ICC order(s), in accordance herewith.

1.6 Replacement of Interim Rates

Certain of the rates, prices and charges set forth in this Agreement may be denoted as interim rates ("Current Interim Rates"). Upon the effective date of a Commission Order establishing non-interim rates for any rates, prices, charges, Products or Services specifically identified herein as interim, either Party may, within ninety (90) days ***after the effective date of such Commission order***, provide written notice ("Replacement Rate Notice") to the other Party that it wishes to obtain the non-interim Commission-established rate(s) ("Replacement Rates") to replace and supersede the Current Interim Rate counterpart(s) in this Agreement. Following such Replacement Rate Notice, and without the need for any formal amendment or further Commission action, SBC WISCONSIN will update CLEC's billing tables to replace the Current Interim Rates with their Replacement Rate(s) counterpart(s), as specified in the

Replacement Rate Notice. Nonetheless, the Parties shall negotiate a conforming amendment to reflect such Replacement Rates and shall submit such amendment to the Commission for approval.

1.6.1 If the Replacement Rate Notice is given within 90 days after the effective date of such order, then the Replacement Rate(s) shall apply as of the effective date of the order and SBC WISCONSIN will issue any adjustments that are appropriate (e.g., billing of additional charges, billing credit adjustments) to retroactively true-up the Replacement Rates with the Current Interim Rates for the period after the effective date of this Agreement, in accordance herewith.

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

1.6.3 In the event that a Party issues a Rate Notice under this Section 1.6, but not within ninety (90) days after the effective date of the order, then the Replacement Rate(s) will be deemed effective between the Parties as of the date the amendment incorporating such Replacement Rate(s) into the Agreement is effective between the Parties (following the date the amendment is approved or is deemed to have been approved by the Commission), and shall apply, upon the amendment effective date, on a prospective basis only. Further, the Party shall be foreclosed from replacing or otherwise superseding the Current Interim Rate(s) with the Replacement Rate(s) for any period prior to the effective date of such amendment.

1.6.4 In the event the terms and conditions of this Section 1.6 was not part of an approved and effective agreement between the Parties at the time the order became effective, either Party may still give a Replacement Rate Notice, and the Replacement Rate(s) shall be effective as of the date the Parties' Agreement (the Agreement containing this Section 1.6) becomes effective (following the date the Agreement is approved or deemed to have been approved by the Commission) and shall apply, beginning on the Agreement's effective date, on a prospective basis only. Further, the Party shall be foreclosed from replacing or otherwise superseding the Current Interim Rate(s) with the Replacement Rate(s) for any period prior to the effective date of the Agreement containing this Section 1.6.

1.7 Notice to Adopting CLECs

1.7.1 Notwithstanding anything to the contrary in this Appendix and Agreement, in the event that any other telecommunications carrier should adopt provisions in the Agreement pursuant to Section 252(i) of the Act ("Adopting CLEC"), the Adopting CLEC would only be entitled to the non-interim and/or interim rates set forth in this Agreement as of the date that the MFN'd Agreement provisions become effective between SBC WISCONSIN and the Adopting CLEC (i.e., following the date the Commission approves or is deemed to have approved the Adopting CLEC's Section 252(i) adoption ("MFN Effective Date")) and on a prospective basis only. Nothing in this Agreement shall entitle an Adopting CLEC to any retroactive application of any rates under this Agreement to any date prior to the MFN Effective Date and any Adopting CLEC is foreclosed from making any such claim hereunder.

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

For Loops:

Access Area:	Total Access Lines:
A	See: Tariff 20, Part 4, Section 2, Sheet 2
B	See: Tariff 20, Part 4, Section 2, Sheet 2
C	See: Tariff 20, Part 4, Section 2, Sheet 2

1.9 SBC WISCONSIN's obligation to provide Interconnection, Lawful Unbundled Network Elements, Collocation, Resale discounts, functions, facilities, products or services ("Products or Services") under this Agreement does not extend to Products or Services for which rates, terms and conditions are not contained in this Agreement. Accordingly, to the extent a CLEC orders a Product or Service for which there are not rates, terms and conditions contained in this Agreement, SBC WISCONSIN may reject the order. In the

event such an order is rejected, and the Product or Service is appropriate for BFR treatment under the BFR provisions set forth in Appendix Lawful UNEs of this Agreement, the CLEC may submit a BFR, which will be evaluated pursuant to such BFR provisions. Alternatively, if the Product or Service is available in a state commission approved Agreement in the state in which the CLEC is seeking to order the Product or Service, the CLEC may: (i) seek to adopt pursuant to Section 252(i) of the Act the rates, terms and conditions for such Product or Service (including any legitimately related terms) from a state commission approved Agreement in that state in which such Product or Service is available; or (ii) seek to amend this Agreement to incorporate rates, terms and conditions for the Product or Service into this Agreement, to the extent such Product or Service is still available at the time of the request. In the event that CLEC orders, and SBC WISCONSIN provisions, a Product or Service to CLEC for which there are not rates, terms and conditions in this Agreement, then CLEC understands and agrees that one of the following will occur:

1.9.1 CLEC shall pay for the Product or Service provisioned to CLEC at the rates set forth in SBC WISCONSIN'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 SBC WISCONSIN's current generic contract rate for the Product or Service set forth in SBC WISCONSIN's applicable state-specific generic pricing schedule as published on SBC WISCONSIN's CLEC website; or

1.9.2 CLEC will be billed and shall pay for the product or service as provided in Section 1.9.1, above, and SBC WISCONSIN may, without further obligation, reject future orders and further provisioning of the product or service until such time as applicable rates, terms and conditions are incorporated into this Agreement as set forth in this Section 1.9.

1.9.3 SBC WISCONSIN's provisioning of orders for such Products or Services is expressly subject to this Section 1.9 and in no way constitutes a waiver of SBC WISCONSIN's right to charge and collect payment for such Products and/or Services.

1.10 Establishment of "TBD" Rates

1.10.1 When a rate, price or charge in this Agreement is noted as "To Be Determined" or "TBD" or is blank, the Parties understand and agree that when a rate, price or charge is established by SBC WISCONSIN for that Product or Service and incorporated into SBC WISCONSIN's current state-specific generic pricing schedule as published on SBC WISCONSIN'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 SBC WISCONSIN provisioned for that Product or Service without the need for any additional modification(s) to this Agreement or further Commission action. SBC WISCONSIN 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, SBC WISCONSIN shall bill CLEC to reflect the application of the Established Rate retroactively to the effective date of the Agreement between the Parties.

1.10.2 SBC WISCONSIN'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 SBC WISCONSIN's right to charge and collect payment for such Products and/or Services.

2. RECURRING CHARGES

2.1 Unless otherwise identified in the Pricing Tables, where rates are shown as monthly, a month will be defined as a 30 day calendar month. The minimum term for each monthly rated Unbundled Network Element (UNE), Resale, Other (Resale), Other and Reciprocal Compensation elements will be one (1)

month. After the initial month, billing will be on the basis of whole or fractional months used. The minimum term for non-monthly rated UNEs, if applicable, will be specified in the rate table included in this Appendix. A longer minimum service period may apply for Lawful UNEs provided under the BFR process, as set forth in the Lawful UNEs Appendix of this Agreement.

2.2 For purposes of reciprocal compensation only, measurement of minutes of use over Local Interconnection Trunk Groups shall be in actual conversation seconds. The total conversation seconds over each individual Local Interconnection Trunk Group will be totaled for the entire monthly bill and then rounded to the next whole minute.

2.3 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 SBC WISCONSIN 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, SBC WISCONSIN will round up to the next whole mile before determining the mileage and applying rates.

3. NON-RECURRING CHARGES

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

3.2 Nonrecurring Charges may be applicable for all five (5) categories of rates.

3.3 Consistent with FCC Rule 51.307(d), there may be non-recurring charges for each Lawful UNE.

3.4 For Resale, when a CLEC converts an End User currently receiving non-complex service from the SBC WISCONSIN network, without any changes to SBC WISCONSIN's network, the normal service order charges and/or nonrecurring charges associated with said additions and/or changes will apply.

3.5 CLEC shall pay a non-recurring charge when a CLEC adds a signaling point code. The rates and charges for signaling point code(s) are identified in the applicable access tariffs. This charge also applies to point code information provided by CLEC allowing others to use CLEC's SS7 signaling network.

3.6 CLEC shall pay a service order processing/administration charge for each service order submitted by CLEC to SBC WISCONSIN to process a request for installation, disconnection, rearrangement, changes to or record orders for Lawful UNEs and Resale.

3.7 Some items, which must be individually charged (e.g., extraordinary charges, CLEC Changes and etc.), are billed as nonrecurring charges.

3.8 Time and Material charges (a.k.a. additional labor charges) are defined in the Pricing Tables.

4. BILLING

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

APPENDIX
PERFORMANCE MEASUREMENTS

TABLE OF CONTENTS

1. INTRODUCTION 3

2. RESULTS OF COLLABORATIVE PROCESS 3

APPENDIX PERFORMANCE MEASUREMENTS

1. INTRODUCTION

1.1 SBC Communications Inc. (SBC) means the holding company which owns the following ILECs: Illinois Bell Telephone Company d/b/a SBC Illinois, Indiana Bell Telephone Company Incorporated d/b/a SBC Indiana, Michigan Bell Telephone Company d/b/a SBC Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada, The Ohio Bell Telephone Company d/b/a SBC Ohio, Pacific Bell Telephone Company d/b/a SBC California, The Southern New England Telephone Company, Southwestern Bell Telephone, L.P. d/b/a SBC Arkansas, SBC Kansas, SBC Missouri, SBC Oklahoma, SBC Texas and/or Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

1.2 As used herein, SBC-MI means the applicable above listed ILEC doing business in Michigan.

1.3 As used herein, **Collaborative Process** shall mean the OSS and performance measurement collaborative process established pursuant to Michigan Public Service Commission ("MPSC") Case number U11830.

1.4 As used herein, **Remedy Plan** shall mean the performance measurement remedy plan approved by the MPSC in Case number U11830.

1.5 As used herein, **Service Bureau Provider** means a company which has been engaged by CLEC to act as its agent for purposes of accessing SBC-LEC's OSS application-to-application interfaces.

1.6 The performance measurements contained herein, notwithstanding any provisions in any other appendix in this Agreement, are not intended to create, modify or otherwise affect parties' rights and obligations with respect to OSS access. The existence of any particular performance measure, or the language describing that measure, is not evidence that CLEC is entitled to any particular manner of access, nor is it evidence that SBC-MI is limited to providing any particular manner of access. The parties' rights and obligations to such access are defined elsewhere, including the relevant laws, FCC and PUC decisions/regulations, tariffs, and within this interconnection agreement.

1.7 In addition to the exclusions described in the performance measures and Remedy Plan developed within the Collaborative Process, and unless otherwise ordered by the MPSC, SBC-MI shall not be obligated to pay liquidated damages or assessments for noncompliance with a performance measurement to the extent that such noncompliance was the result of delays or other problems resulting from actions of a Service Bureau Provider acting as CLEC's agent for connection to SBC-LEC's OSS, including Service Bureau Provider provided processes, services, systems or connectivity.

2. RESULTS OF COLLABORATIVE PROCESS

2.1 The parties agree that the performance measurements, Remedy Plan and Business Rules developed under the Collaborative Process, shall be incorporated, when finalized, into this Agreement by reference. The parties agree to accept and abide by the Remedy Plan and Schedule, and the state-specific Business Rules, including, without limitation, any SBC-MI obligation to pay remedies pursuant to the Remedy Plan and Schedule which will be posted on SBC's Internet website. SBC-MI agrees to post the Business Rules on SBC's Internet website in accordance with the final resolutions achieved in the Collaborative Process.

2.2 The parties agree that performance measurements, Remedy Plan and Business Rules may be revised through the Collaborative Process, and the parties agree to incorporate such changes that are voluntarily agreed to by all parties to the Collaborative Process when finalized and on a going forward basis. In the event a party disputes the adoption of a proposed revision from the Collaborative Process, the party seeking such adoption may raise the issue with the state Commission for resolution. Until a final state Commission order resolving the issue is effective, the parties agree to abide by the performance measures, Remedy Plan and Business Rules adopted in the Collaborative Process. Each party reserves its rights, notwithstanding anything to the contrary, to seek appropriate legal and/or equitable review and relief from

such state Commission order, and compliance with and implementation of any such order shall not represent voluntary agreement to pay liquidated damages nor a voluntary or negotiated agreement under Section 252 of the Act or otherwise, and does not in any way constitute a waiver by such party of its position with respect to such order, or of any rights and remedies it may have to seek review of such order or otherwise contest the applicability of the performance measures and remedy plan.

2.3 Any payment by SBC-MI pursuant to the Remedy Plan may be by either direct payment (such as a check) or by bill credit. If CLEC selects the direct payment option, CLEC shall submit the attached form. If CLEC does not submit the attached form, any payment shall be by bill credit.

SBC – Michigan Performance Measurements Appendix
CLEC Identification and Liquidated Damages Information Form

A complete and accurate CLEC Identification and Liquidated Damages Information Form is required to be submitted before any liquidated damages may be processed for the CLEC, in accordance with the SBC – Michigan Performance Measurement Appendix. Please refer to the Appendix and the SBC CLEC website for more information on Performance Measurements and the Performance Remedy Plan. Submission of this form neither proves nor guarantees that performance remedies are due to the CLEC.

Activity

☐ New ☐ Change

Identifying Information

CLEC Legal Name			
Name in which the CLEC does business			
Federal Tax ID			
ACNA Code		SPID Code (LNP Only)	
Liquidated Damages for (Company Name)			
Name (if different)			

CLEC Information (Please provide the following payment information)

Check one of the following options:

☐ Bill Credit ☐ Check

Complete the additional payment information below for Check only:

Payee Name	
Street Address (mail to)	
City / State / Zip Code	
Contact Name	
Contact Phone	

Fax or mail the completed form to the following location:

Fax – (314) 957-2595
Mail: Long Distance Compliance, 13075 Manchester Road, Des Peres, Mo. 63131

Implementation of liquidated damages calculations will begin in accordance with CLEC's Performance Measurement Appendix. The person signing this form represents and warrants that the information provided on this form is complete and accurate and that he/she is authorized by the CLEC identified on the form to provide such information. If Electronic Funds Transfer (EFT) is desired instead of a check, contact your SBC Account Manager to obtain the additional forms.

Signed by: _____ Date: _____

Print Name: _____

Title: _____

Line	MICHIGAN - Generic Pricing Schedule /1/	USOC	SBC RECURRING Monthly		SBC NON-RECURRING Initial	Additional
	NETWORK ELEMENTS					
	Loops					
	Loops					
1	2-Wire Analog - Rural (Zone C)	U2HC1-C5	$ 14.20		See NRC prices below	
2	2-Wire Analog - Suburban (Zone B)	U2HB1-B3	$ 10.77		See NRC prices below	
3	2-Wire Analog - Metro (ZoneA)	U2HAA	$ 9.13		See NRC prices below	
4	Conditioning for dB Loss					
5	2-Wire Analog - Ground Start, Analog DID/Reverse Battery - Rural (Zone C)	U2WC1-C5	$ 14.47		See NRC prices below	
6	2-Wire Analog - Ground Start, Analog DID/Reverse Battery - Suburban (Zone I	U2WB1-B3	$ 11.32		See NRC prices below	
7	2-Wire Analog - Ground Start, Analog DID/Reverse Battery - Metro (ZoneA)	U2WAA	$ 9.45		See NRC prices below	
8	2-Wire Analog - Ground Start, PBX - Rural (Zone C)	U2JC1-C5	$ 14.47		See NRC prices below	
9	2-Wire Analog - Ground Start, PBX - Suburban (Zone B)	U2JB1-B3	$ 11.32		See NRC prices below	
10	2-Wire Analog - Ground Start, PBX - Metro (Zone A)	U2JAA	$ 9.45		See NRC prices below	
11	2-Wire Analog - COPTS Coin - Rural (Zone C)	U2CC1-C5	$ 14.72		See NRC prices below	
12	2-Wire Analog - COPTS Coin - Suburban (Zone B)	U2CB1-B3	$ 11.32		See NRC prices below	
13	2-Wire Analog - COPTS Coin - Metro (Zone A)	U2CAA	$ 9.45		See NRC prices below	
14	2-Wire Analog - EKL - Rural (Zone C)	U2KC1-C5	$ 15.88		See NRC prices below	
15	2-Wire Analog - EKL - Suburban (Zone B)	U2KB1-B3	$ 12.57		See NRC prices below	
16	2-Wire Analog - EKL - Metro (ZoneA)	U2KAA	$ 10.35		See NRC prices below	
17	4-Wire Analog - Rural (Zone C)	U4HC1-C5	$ 33.16		See NRC prices below	
18	4-Wire Analog - Suburban (Zone B)	U4HB1-B3	$ 26.66		See NRC prices below	
19	4-Wire Analog - Metro (Zone A)	U4HAA	$ 21.83		See NRC prices below	
20	2-Wire Digital - Rural (Zone C)	U2QC1-C5	$ 19.93		See NRC prices below	
21	2-Wire Digital - Suburban (Zone B)	U2QB1-B3	$ 16.22		See NRC prices below	
22	2-Wire Digital - Metro (Zone A)	U2QAA	$ 12.66		See NRC prices below	
23	**DSL Capable Loops**					
24	2-Wire xDSL Loop					
25	PSD #1 - 2-Wire xDSL Loop Access Area C- Rural	2SLA3	$ 17.02		TBD	N/A
26	PSD #1 - 2-Wire xDSL Loop Access Area B- Suburban	2SLA2	$ 11.42		TBD	N/A
27	PSD #1 - 2-Wire xDSL Loop Access Area A- Metro	2SLA1	$ 9.51		TBD	N/A
28						
29	PSD #2 - 2-Wire xDSL Loop Access Area C- Rural	2SLC3	$ 17.02		TBD	N/A
30	PSD #2 - 2-Wire xDSL Loop Access Area B- Suburban	2SLC2	$ 11.42		TBD	N/A
31	PSD #2 - 2-Wire xDSL Loop Access Area A- Metro	2SLC1	$ 9.51		TBD	N/A
32						
33	PSD #3 - 2-Wire xDSL Loop Access Area C- Rural	2SLB3	$ 17.02		See NRC prices below	
34	PSD #3 - 2-Wire xDSL Loop Access Area B- Suburban	2SLB2	$ 11.42		See NRC prices below	
35	PSD #3 - 2-Wire xDSL Loop Access Area A- Metro	2SLB1	$ 9.51		See NRC prices below	
36						
37	PSD #4 - 2-Wire xDSL Loop Access Area C- Rural	2SLD3	$ 17.02		TBD	N/A
38	PSD #4 - 2-Wire xDSL Loop Access Area B- Suburban	2SLD2	$ 11.42		TBD	N/A
39	PSD #4 - 2-Wire xDSL Loop Access Area A- Metro	2SLD1	$ 9.51		TBD	N/A
40						
41	PSD #5 - 2-Wire xDSL Loop Access Area C- Rural	UWRA3	$ 17.02		See NRC prices below	
42	PSD #5 - 2-Wire xDSL Loop Access Area B- Suburban	UWRA2	$ 11.42		See NRC prices below	
43	PSD #5 - 2-Wire xDSL Loop Access Area A- Metro	UWRA1	$ 9.51		See NRC prices below	
44						
45	PSD #7 - 2-Wire xDSL Loop Access Area C- Rural	2SLF3	$ 17.02		TBD	N/A
46	PSD #7 - 2-Wire xDSL Loop Access Area B- Suburban	2SLF2	$ 11.42		TBD	N/A
47	PSD #7 - 2-Wire xDSL Loop Access Area A- Metro	2SLF1	$ 9.51		TBD	N/A
48	4-Wire xDSL Loop					
49	PSD #3 - 4-Wire xDSL Loop Access Area C- Rural	4SL13	$ 32.35		See NRC prices below	
50	PSD #3 - 4-Wire xDSL Loop Access Area B- Suburban	4SL12	$ 20.96		See NRC prices below	
51	PSD #3 - 4-Wire xDSL Loop Access Area A- Metro	4SL11	$ 17.51		See NRC prices below	
52	**IDSL Capable Loop**					
53	IDSL Loop Access Area C - Rural	UY5FC	$ 19.93		See NRC prices below	
54	IDSL Loop Access Area B - Suburban	UY5FB	$ 16.22		See NRC prices below	
55	IDSL Loop Access Area A - Metro	UY5FA	$ 12.66		See NRC prices below	
56						
57	**Loop Non-Recurring Charges**					
58	Service Order- Initial /1/ /2/ /5/ /7/ /8/	SEPUP	N/A		$ 3.62	N/A
59	Service Order- Disconnect	NR9OE	N/A		$ 1.77	N/A
60	Service Order- Subsequent	REAH9	N/A		$ 3.46	N/A
61	Loop Connection /1/ /2/ /5/ /7/ /8/	SEPUC	N/A		$ 20.43	N/A
62	Loop Disconnect	NR9OG	N/A		$ 6.71	N/A
63	Loop - Record Work Only	NR9UP	N/A		$ 2.13	N/A
64	Loop Connection - Add/Change	REAH5	N/A		$ 20.43	N/A
65	**DS0 - Service Non-Recurring**					
66	Administration Charge, per order - Install /1/ /2/ /5/ /7/ /8/	NR9OH	N/A		$0.00	N/A
67	Design and CO Connection Charge, per circuit - Install /1/ /2/ /5/ /7/ /8/	NR9OK	N/A		$ 74.94	N/A
68	Carrier Connection Charge per Termination - Install /1/ /2/ /5/ /7/ /8/	NR9ON	N/A		$ 239.23	N/A
69	Administration Charge, per order - Disconnect	NR9OJ	N/A		$0.00	N/A
70	Design and CO Connection Charge, per circuit - Disconnect	NR9OM	N/A		$ 56.56	N/A
71	Carrier Connection Charge per Termination - Disconnect	NR9OQ	N/A		$ 82.32	N/A
72	Cancellation or Change Service Charge-Analog Loop, per last critical date reached					
73	Design Layout Report Date /7/	NR95O	N/A		$ 4.62	N/A
74	Records Issue Date /7/	NR95P	N/A		$ 20.52	N/A
75	Designed, Verified, and Assigned Date /7/	NR95Q	N/A		$ 7.76	N/A
76	Plant Test Date /7/	NR95R	N/A		$ 52.27	N/A
77	Cancellation or Change Service Charge-DS0 Loop, per last critical date reached					
78	Design Layout Report Date /7/	NR95S	N/A		$0.00	N/A
79	Records Issue Date /7/	NR95T	N/A		$0.00	N/A
80	Designed, Verified, and Assigned Date /7/	NR95U	N/A		$0.00	N/A
81	Plant Test Date /7/	NR95V	N/A		$0.00	N/A
82	Due Date Change Charge, per Order, per Occasion					
83	Analog Loop /7/	NR955	N/A		$ 3.62	N/A
84	DS0 Loop /7/	NR956	N/A		$ 21.51	N/A
85						
86	**Service Coordination Fee, per central office /4/**	UFE	$ 5.39		N/A	N/A
87						
88	**LST**					
89	Line & Station Transfer(LST) performed on CODSLAM Loop	URCLD	N/A		$ 151.21	
90	Line & Station Transfer(LST) performed on Sub Loop	URCLB	N/A		$ 133.44	
91						
92	**Loop Qualification Process**					

TBD - To be determined
NRO - Nonrecurring only
ICB - Individal Case Basis
NA - Not Applicable

Line	MICHIGAN - Generic Pricing Schedule /1/			USOC	SBC RECURRING Monthly		SBC NON-RECURRING Initial	Additional
93		Loop Qualification Process - Mechanized		NR98U	N/A		$0.00	N/A
94		Loop Qualification Process - Manual		NRBXU	N/A		$0.00	N/A
95								
96	**DSL Conditioning**							
97		**DSL Conditioning Options - >12KFT and < 17.5KFT**						
98			Removal of Repeater Options	NRBXV	N/A		$ 27.85	N/A
99			Removal Bridged Tap Option	NRBXW	N/A		$ 26.77	N/A
100			Removal of Load Coil	NRBXZ	N/A		$ 34.01	N/A
101		**DSL Conditioning Options - >17.5KFT in addition to the rates for > 12KFT and < 17.5KFT**						
102			Removal of Repeater Options	NRBNL	N/A		$ 27.85	N/A
103			Removal Bridged Tap Option	NRBNK	N/A		$ 26.77	N/A
104			Removal of Load Coil	NRBNJ	N/A		$ 13.61	N/A
105								
106	**SUB-LOOPS**							
107		ECS to SAI sub-loop						
108			2 Wire Analog - area A	PENDING	$ 1.10		See NRC prices below	
109			2 Wire Analog - area B	PENDING	$ 1.04		See NRC prices below	
110			2 Wire Analog - area C	PENDING	$ 1.10		See NRC prices below	
111			4 Wire Analog - area A	PENDING	$ 2.11		See NRC prices below	
112			4 Wire Analog - area B	PENDING	$ 2.00		See NRC prices below	
113			4 Wire Analog - area C	PENDING	$ 2.11		See NRC prices below	
114			2 Wire DSL - area A	PENDING	$ 1.07		See NRC prices below	
115			2 Wire DSL - area B	PENDING	$ 0.99		See NRC prices below	
116			2 Wire DSL - area C	PENDING	$ 1.04		See NRC prices below	
117			4 Wire DSL - area A	PENDING	$ 2.12		See NRC prices below	
118			4 Wire DSL - area B	PENDING	$ 1.96		See NRC prices below	
119			4 Wire DSL - area C	PENDING	$ 2.05		See NRC prices below	
120		ECS to Terminal sub-loop						
121			2 Wire Analog - area A	PENDING	$ 3.50		See NRC prices below	
122			2 Wire Analog - area B	PENDING	$ 4.14		See NRC prices below	
123			2 Wire Analog - area C	PENDING	$ 7.17		See NRC prices below	
124			4 Wire Analog - area A	PENDING	$ 6.33		See NRC prices below	
125			4 Wire Analog - area B	PENDING	$ 7.50		See NRC prices below	
126			4 Wire Analog - area C	PENDING	$ 13.39		See NRC prices below	
127			2 Wire DSL - area A	PENDING	$ 3.55		See NRC prices below	
128			2 Wire DSL - area B	PENDING	$ 4.21		See NRC prices below	
129			2 Wire DSL - area C	PENDING	$ 6.96		See NRC prices below	
130			4 Wire DSL - area A	PENDING	$ 6.82		See NRC prices below	
131			4 Wire DSL - area B	PENDING	$ 8.06		See NRC prices below	
132			4 Wire DSL - area C	PENDING	$ 13.69		See NRC prices below	
133		ECS to NID sub-loop						
134			2 Wire Analog - area A	PENDING	$ 5.17		See NRC prices below	
135			2 Wire Analog - area B	PENDING	$ 5.95		See NRC prices below	
136			2 Wire Analog - area C	PENDING	$ 9.21		See NRC prices below	
137			4 Wire Analog - area A	PENDING	$ 7.97		See NRC prices below	
138			4 Wire Analog - area B	PENDING	$ 9.12		See NRC prices below	
139			4 Wire Analog - area C	PENDING	$ 15.47		See NRC prices below	
140			2 Wire DSL - area A	PENDING	$ 5.27		See NRC prices below	
141			2 Wire DSL - area B	PENDING	$ 6.07		See NRC prices below	
142			2 Wire DSL - area C	PENDING	$ 8.95		See NRC prices below	
143			4 Wire DSL - area A	PENDING	$ 8.65		See NRC prices below	
144			4 Wire DSL - area B	PENDING	$ 9.86		See NRC prices below	
145			4 Wire DSL - area C	PENDING	$ 15.84		See NRC prices below	
146		SAI to Terminal sub-loop						
147			2 Wire Analog - area A	PENDING	$ 2.90		See NRC prices below	
148			2 Wire Analog - area B	PENDING	$ 3.55		See NRC prices below	
149			2 Wire Analog - area C	PENDING	$ 6.55		See NRC prices below	
150			4 Wire Analog - area A	PENDING	$ 5.17		See NRC prices below	
151			4 Wire Analog - area B	PENDING	$ 6.36		See NRC prices below	
152			4 Wire Analog - area C	PENDING	$ 12.19		See NRC prices below	
153			2 Wire DSL - area A	PENDING	$ 2.95		See NRC prices below	
154			2 Wire DSL - area B	PENDING	$ 3.61		See NRC prices below	
155			2 Wire DSL - area C	PENDING	$ 6.34		See NRC prices below	
156			4 Wire DSL - area A	PENDING	$ 5.66		See NRC prices below	
157			4 Wire DSL - area B	PENDING	$ 6.92		See NRC prices below	
158			4 Wire DSL - area C	PENDING	$ 12.49		See NRC prices below	
159		SAI to NID sub-loop						
160			2 Wire Analog - area A	PENDING	$ 4.57		See NRC prices below	
161			2 Wire Analog - area B	PENDING	$ 5.35		See NRC prices below	
162			2 Wire Analog - area C	PENDING	$ 8.59		See NRC prices below	
163			4 Wire Analog - area A	PENDING	$ 6.81		See NRC prices below	
164			4 Wire Analog - area B	PENDING	$ 7.98		See NRC prices below	
165			4 Wire Analog - area C	PENDING	$ 14.27		See NRC prices below	
166			2 Wire DSL - area A	PENDING	$ 4.67		See NRC prices below	
167			2 Wire DSL - area B	PENDING	$ 5.48		See NRC prices below	
168			2 Wire DSL - area C	PENDING	$ 8.33		See NRC prices below	
169			4 Wire DSL - area A	PENDING	$ 7.49		See NRC prices below	
170			4 Wire DSL - area B	PENDING	$ 8.72		See NRC prices below	
171			4 Wire DSL - area C	PENDING	$ 14.64		See NRC prices below	
172		Terminal to NID sub-loop						
173			2 Wire Analog - area A	PENDING	$ 2.13		See NRC prices below	
174			2 Wire Analog - area B	PENDING	$ 2.28		See NRC prices below	
175			2 Wire Analog - area C	PENDING	$ 2.56		See NRC prices below	
176			4 Wire Analog - area A	PENDING	$ 2.13		See NRC prices below	
177			4 Wire Analog - area B	PENDING	$ 2.07		See NRC prices below	
178			4 Wire Analog - area C	PENDING	$ 2.69		See NRC prices below	
179			2 Wire DSL - area A	PENDING	$ 2.20		See NRC prices below	
180			2 Wire DSL - area B	PENDING	$ 2.36		See NRC prices below	
181			2 Wire DSL - area C	PENDING	$ 2.50		See NRC prices below	
182			4 Wire DSL - area A	PENDING	$ 2.37		See NRC prices below	
183			4 Wire DSL - area B	PENDING	$ 2.29		See NRC prices below	
184			4 Wire DSL - area C	PENDING	$ 2.78		See NRC prices below	
185		NID sub-loop element						
186			2 Wire Analog - area A	PENDING	$ 0.16		See NRC prices below	
187			2 Wire Analog - area B	PENDING	$ 0.15		See NRC prices below	

TBD - To be determined
NRO - Nonrecurring only
ICB - Individal Case Basis
NA - Not Applicable

Line	MICHIGAN - Generic Pricing Schedule /1/			USOC	SBC RECURRING Monthly		SBC NON-RECURRING Initial	Additional
188			2 Wire Analog - area C	PENDING	$ 0.15		See NRC prices below	
189			4 Wire Analog - area A	PENDING	$ 0.33		See NRC prices below	
190			4 Wire Analog - area B	PENDING	$ 0.31		See NRC prices below	
191			4 Wire Analog - area C	PENDING	$ 0.32		See NRC prices below	
192			2 Wire DSL - area A	PENDING	$ 0.16		See NRC prices below	
193			2 Wire DSL - area B	PENDING	$ 0.15		See NRC prices below	
194			2 Wire DSL - area C	PENDING	$ 0.15		See NRC prices below	
195			4 Wire DSL - area A	PENDING	$ 0.33		See NRC prices below	
196			4 Wire DSL - area B	PENDING	$ 0.31		See NRC prices below	
197			4 Wire DSL - area C	PENDING	$ 0.32		See NRC prices below	
198			2 Wire ISDN Compatible - area A	PENDING	$ 0.16		See NRC prices below	
199			2 Wire ISDN Compatible - area B	PENDING	$ 0.15		See NRC prices below	
200			2 Wire ISDN Compatible - area C	PENDING	$ 0.15		See NRC prices below	
201	**Sub-Loop Non-Recurring Charges**							
202	**Analog Sub-Loop**							
203		**Service Ordering Charges**						
204			Installation, per occasion per location	PENDING	NA		$ 3.62	NA
205			Disconnect, per occasion per location	PENDING	NA		$ 2.13	NA
206			Subsequent, per occasion	PENDING	NA		$ 3.02	NA
207			Record Work, per occasion	PENDING	NA		$ 1.86	NA
208		Sub-Loop Connection Charge, per termination		PENDING	NA		$ 17.82	NA
209		Sub-Loop Disconnection Charge, per termination		PENDING	NA		$ 5.85	NA
210								
211								
212	**Cross Connects**							
213		2-Wire /4/		CXCT2	$ 0.13		NA	NA
214								
215								
216	**Routine Modifications**							
217		Routine Modifications of Existing Facilities Charge		NA	NA		ICB	NA
218								
219								
220								
221	**LNP**							
222	Local Number Portability /9/			NSR	$0.00		N/A	
223	Maintenance of Service Charge			VRP	NA		$ 71.00	
224								
225								
226	***OTHER***							
227	**Directory Assistance**							
228								
229		**Facility- Based DA**						
230		Directory Assistance, per occurrence		OPEN	$ 0.248852		NA	NA
231		Directory Assistance Call Completion (DACC)		OPEN	$ 0.004099		NA	NA
232		Directory Assistance/National Directory Assistance, per occurrence/Reverse D		OPEN	$ 0.35		NA	NA
233		Branding - Other - Initial/Subsequent Load		OPEN				
234		- per call		OPEN	$ 0.003090			
235		Branding - Facility Based - Initial/Subsequent Load						
236		- Branding, per trunk group		OPEN	NA		$ 1,098.67	$ 143.75
237		Rate Reference - Initial Load		OPEN	NA		$ 2,200.00	NA
238		Rate Reference - Subsequent Load		OPEN	NA		$ 1,000.00	NA
239								
240		**DA Listing Liscense**						
241		Option #1 Full File (all states inclusive) Non-Billable Release (no query charges)						
242		- per listing for initial load		OPEN	NA		$ 0.040	NA
243		- per listing for subsequent updates		OPEN	NA		$ 0.060	NA
244		Option #2 Full File (all states inclusive) Billable Release						
245		- per listing for initial load		OPEN	NA		$ 0.020	NA
246		- per listing for subsequent updates		OPEN	NA		$ 0.030	NA
247		- per usage/query		OPEN	NA		$ 0.020	NA
248		Option #3 Pick & Choose (by state) Non-billable Release (no query charges)						
249		- per listing for initial load		OPEN	NA		$ 0.050	NA
250		- per listing for subsequent updates		OPEN	NA		$ 0.060	NA
251		Option #4 Pick & Choose (by state) Billable Release						
252		- per listing for initial load		OPEN	NA		$ 0.020	NA
253		- per listing for subsequent updates		OPEN	NA		$ 0.030	NA
254		- per usage/query		OPEN	NA		$ 0.020	NA
255								
256	**Operator Services**							
257		Fully Automated Call Processing, per occurrence		OPEN	$0.017312		NA	NA
258		Operator Assisted Call Processing, per work second		OPEN	$0.276712		NA	NA
259		Branding - Other - Initial/Subsequent Load		OPEN			1,098.67	143.75
260		- per call		OPEN	$0.003090			
261		Branding - Facility Based - Initial/Subsequent Load						
262		- Branding, per trunk group		OPEN	NA		$ 800.00	NA
263		Rate Reference - Initial Load		OPEN	NA		$ 2,200.00	NA
264		Rate Reference - Subsequent Rater Load or Reference Load		OPEN	NA		$ 1,000.00	NA
265								
266	**Ancillary Message Compensation (per message)**			OPEN	0.03		N/A	N/A
267								
268	**Structure Access - Poles & Ducts**				Annually			
269		Per Pole attachment*		OPEN	$ 1.48			
270		Per Foot of innerduct		OPEN	$ 0.08			
271		Application fee		OPEN			$ 200.00	
272		*For (1) each one foot of usable space, or fraction thereof, occupied and (2) each						
273		additional one foot of space, or fraction thereof, rendered unusable by the attachment's presence.						
274								
275	**Emenrgency Number Service Access**							
276		911 Selective Router Interconnection						
277		-Each DSO installed						
278		-Analog Channel Interface		EVG9X	$ 19.81			$ 496.18
279		ANI/ALI/SR and Database Management						
280		- Per 100 records, rounded up to nearest 100		9S89X	$ 3.93			$0.00
281		911 Selective Router Switch Administration						
282		-Per Selective Router						

TBD - To be determined
NRO - Nonrecurring only
ICB - Individal Case Basis
NA - Not Applicable

Line	MICHIGAN - Generic Pricing Schedule /1/	USOC	SBC RECURRING Monthly		SBC NON-RECURRING Initial	Additional
283						
284	**INTERCARRIER COMPENSATION**					
285						
286	**Rate for All ISP-Bound and Section 251 (b)(5) Traffic as per FCC 01-131, per MC**	USAGE	$ 0.0007			
287						
288						
289	***RESALE***		***RESALE DISCOUNTS***			
290	**BUSINESS**		RECURRING		NON-RECURRING	
291	**LOCAL EXCHANGE SERVICE**					
292	Business 1 Party	RESALE	16.62%		16.62%	
293	Business - Measured	RESALE	16.62%		16.62%	
294	Customer Operated Pay Telephone (COPT)	RESALE	16.62%		16.62%	
295						
296	**EXPANDED LOCAL CALLING**					
297	Interzone	RESALE	16.62%		16.62%	
298						
299	**VERTICAL SERVICES**					
300	Anonymous Call Rejection	RESALE	16.62%		16.62%	
301	Repeat Dialing (Auto Redial)	RESALE	16.62%		16.62%	
302	Repeat Dialing-Per Use (Auto Redial - Usage Sensitive)	RESALE	16.62%		16.62%	
303	Call Blocker	RESALE	16.62%		16.62%	
304	Call Forwarding	RESALE	16.62%		16.62%	
305	Call Forwarding - Busy Line	RESALE	16.62%		16.62%	
306	Call Forwarding - Busy Line/Don't Answer	RESALE	16.62%		16.62%	
307	Call Forwarding - Don't Answer	RESALE	16.62%		16.62%	
308	Automatic CallBack (Call Return)	RESALE	16.62%		16.62%	
309	Automatic CallBack-Per Use (Call Return - Usage Sensitive)	RESALE	16.62%		16.62%	
310	Call Trace	RESALE	16.62%		16.62%	
311	Call Waiting	RESALE	16.62%		16.62%	
312	Caller ID With Name (Calling Name)	RESALE	16.62%		16.62%	
313	Caller ID (Calling Number)	RESALE	16.62%		16.62%	
314	MultiRing Service -1 (Personalized Ring -1 Dependent Number)	RESALE	16.62%		16.62%	
315	MultiRing Service -2 (Personalized Ring - 2 Dependent Numbers)	RESALE	16.62%		16.62%	
316	Remote Access to Call Forwarding (Grandfathered)	RESALE	0%		0%	
317	Selective Call Forwarding	RESALE	0%		0%	
318	Multi-Path Call Forwarding (Simultaneous Call Forwarding)	RESALE	16.62%		16.62%	
319	Remote Call Forwarding-Per Feature	RESALE	16.62%		16.62%	
320	RCF, Interstate, Interexchange	RESALE	16.62%		16.62%	
321	RCF, Intrastate	RESALE	16.62%		16.62%	
322	RCF, Interstate, International	RESALE	16.62%		16.62%	
323	RCF, Intrastate, Interexchange	RESALE	16.62%		16.62%	
324	RCF to 800	RESALE	16.62%		16.62%	
325	RCF Additional	RESALE	16.62%		16.62%	
326	Speed Calling 8	RESALE	16.62%		16.62%	
327	Speed Calling 30	RESALE	16.62%		16.62%	
328	Three Way Calling	RESALE	16.62%		16.62%	
329	Call Screening	RESALE	16.62%		16.62%	
330	Busy Line Transfer	RESALE	16.62%		16.62%	
331	Alternate Answer	RESALE	16.62%		16.62%	
332	Message Waiting - Tone	RESALE	16.62%		16.62%	
333	Easy Call	RESALE	16.62%		16.62%	
334	Prime Number Service	RESALE	16.62%		16.62%	
335	SBC Michigan Privacy Manager	RESALE	16.62%		16.62%	
336	Name and Number Delivery Service	RESALE	16.62%		16.62%	
337						
338	**DID**					
339	DID	RESALE	16.62%		16.62%	
340						
341	**TRUNKS**					
342	Trunk	RESALE	16.62%		16.62%	
343						
344	**AIN**					
345	Area Wide Networking	RESALE	16.62%		16.62%	
346	SBC Michigan Switch Alternate Routing (ANSAR)	RESALE	16.62%		16.62%	
347	SBC Michigan Customer Location Alternate Routing (ACLAR)	RESALE	16.62%		16.62%	
348						
349	**OTHER**					
350	Grandfathered Services	RESALE	0.00%		0.00%	
351	Promotions (Greater than 90 days)	RESALE	16.62%		16.62%	
352	TouchTone (Business)	RESALE	16.62%		16.62%	
353	TouchTone (Trunk)	RESALE	16.62%		16.62%	
354	900/976 Call Blocking (900/976 Call Restriction)	RESALE	0%		0%	
355	976 (976 Information Delivery Service)	RESALE	0%		0%	
356	Access Services (See Access Tariff)	RESALE	0%		0%	
357	Additional Directory Listings	RESALE	16.62%		16.62%	
358	Carrier Disconnect Service (Company Initiated Suspension Service)	RESALE	0%		0%	
359	Connection Services	RESALE	16.62%		16.62%	
360	Premise Services/Line Backer (Maintenance of Service Charges)	RESALE	0%		0%	
361	Shared Tenant Service	RESALE	0%		0%	
362						
363	**Data Services**					
364	Gigabit Ethernet Metropolitan Area Network (GigaMAN)	RESALE	16.62%		16.62%	
365	PBX Trunks	RESALE	16.62%		16.62%	
366	Mulit-Service Optical Network (MON)	RESALE	16.62%		16.62%	
367	OCn-PTP	RESALE	16.62%		16.62%	
368	ADTS-E	RESALE	16.62%		16.62%	
369	DS0	RESALE	16.62%		16.62%	
370	DS1	RESALE	16.62%		16.62%	
371	DS3	RESALE	16.62%		16.62%	
372						
373	**ISDN**					
374	ISDN	RESALE	16.62%		16.62%	
375						
376	**DIRECTORY ASSISTANCE SERVICES**					

TBD - To be determined
NRO - Nonrecurring only
ICB - Individal Case Basis
NA - Not Applicable

Line	MICHIGAN - Generic Pricing Schedule /1/		SBC RECURRING		SBC NON-RECURRING	
		USOC	Monthly		Initial	Additional
377	Directory Assistance Services	RESALE	16.62%		20.29%	
378	Local Operator Assistance Service	RESALE	16.62%		16.62%	
379						
380	**TOLL**					
381	TOLL	RESALE	16.62%		16.62%	
382						
383	**OPTIONAL TOLL CALLING PLANS**					
384	Optional Toll Calling Plans	RESALE	16.62%		16.62%	
385						
386	**CENTREX (PLEXAR)**					
387	SBC Michigan Centrex Service ACS	RESALE	16.62%		16.62%	
388	SBC Michigan Centrex Network Manager	RESALE	0%		0%	
389						
390	**PRIVATE LINE**					
391	Analog Private Lines	RESALE	16.62%		16.62%	
392	Private Line Channel Services	RESALE	16.62%		16.62%	
393						
394	**RESIDENCE**		***RESALE DISCOUNTS***			
395	LOCAL EXCHANGE SERVICE		RECURRING		NON-RECURRING	
396	Life Line	RESALE	0%		0%	
397	Residence 1 Party	RESALE	16.62%		16.62%	
398	Residence Measured	RESALE	16.62%		16.62%	
399						
400	**EXPANDED LOCAL CALLING**					
401	Interzone	RESALE	16.62%		16.62%	
402						
403	**VERTICAL SERVICES**					
404	Anonymous Call Rejection	RESALE	16.62%		16.62%	
405	Repeat Dialing (Auto Redial)	RESALE	16.62%		16.62%	
406	Repeat Dialing -Per Use (Auto Redial - Usage Sensitive)	RESALE	16.62%		16.62%	
407	Call Blocker	RESALE	16.62%		16.62%	
408	Call Forwarding	RESALE	16.62%		16.62%	
409	Call Forwarding - Busy Line	RESALE	16.62%		16.62%	
410	Call Forwarding - Busy Line/Don't Answer	RESALE	16.62%		16.62%	
411	Call Forwarding - Don't Answer	RESALE	16.62%		16.62%	
412	Automatic Call-Back (Call Return)	RESALE	16.62%		16.62%	
413	Automatic Call-Back Per Use (Call Return - Usage Sensitive)	RESALE	16.62%		16.62%	
414	Call Trace	RESALE	16.62%		16.62%	
415	Call Waiting	RESALE	16.62%		16.62%	
416	Caller ID with Name (Calling Name)	RESALE	16.62%		16.62%	
417	Caller ID (Calling Number)	RESALE	16.62%		16.62%	
418	Multi-Ring Service - 1 (Personalized Ring- 1 dependent number)	RESALE	16.62%		16.62%	
419	Multi-Ring Service - 2 (Personalized Ring - 2 dependent numbers - 1st depend	RESALE	16.62%		16.62%	
420	Priority Call	RESALE	16.62%		16.62%	
421	Remote Access to Call Forwarding (GF)	RESALE	0%		0%	
422	RCF, Interstate, Interexchange	RESALE	16.62%		16.62%	
423	RCF, Intrastate	RESALE	16.62%		16.62%	
424	RCF, Interstate, International	RESALE	16.62%		16.62%	
425	RCF, Intrastate, Interexchange	RESALE	16.62%		16.62%	
426	RCF to 800	RESALE	16.62%		16.62%	
427	RCF Additional	RESALE	16.62%		16.62%	
428	Selective Call Forwarding	RESALE	16.62%		16.62%	
429	Speed Calling 8	RESALE	16.62%		16.62%	
430	Three Way Calling	RESALE	16.62%		16.62%	
431	Call Screening	RESALE	16.62%		16.62%	
432	Busy Line Transfer	RESALE	16.62%		16.62%	
433	Alternate Answer	RESALE	16.62%		16.62%	
434	Message Waiting - Tone	RESALE	16.62%		16.62%	
435	Easy Call	RESALE	16.62%		16.62%	
436	SBC Michigan Privacy Manager	RESALE	16.62%		16.62%	
437	Name and Number Delivery Service	RESALE	16.62%		16.62%	
438						
439	**ISDN**					
440	ISDN	RESALE	16.62%		16.62%	
441						
442	**Other (Resale)**					
443	**DIRECTORY ASSISTANCE SERVICES**					
444	Directory Assistance Services	RESALE	16.62%		16.62%	
445	Local Operator Assistance Service	RESALE	16.62%		16.62%	
446	Reverse Directory Assistance	RESALE	$1.25			
447	OS/DA Reseller Branding - Initial Load Subsequent Load	RESALE			$1,098.67	143.75
448	OS/DA OS/DA Reseller Branding - Per Call	RESALE	$0.025			
449	OS/DA Reseller Rate Reference - Initial Load	RESALE			$2,200.00	
450	OS/DA Reseller Rate Reference - Subsequent Rater Load or Reference Load	RESALE			$1,000.00	
451						
452	**OTHER**					
453	Grandfathered Services	RESALE	0%		0%	
454	Promotions (Greater than 90 Days)	RESALE	16.62%		16.62%	
455	TouchTone	RESALE	16.62%		16.62%	
456	Home Services Packages	RESALE	16.62%		16.62%	
457	900/976 Call Blocking (900/976 Call Restriction)	RESALE	0%		0%	
458	976 (976 Information Delivery Service)	RESALE	0%		0%	
459	Access Services (See Access Tariff)	RESALE	0%		0%	
460	Additional Directory Listings	RESALE	16.62%		16.62%	
461	Carrier Disconnect Service (Company Initiated Suspension Service)	RESALE	0%		0%	
462	Connection Services	RESALE	16.62%		16.62%	
463	Premise Services/Line Backer (Maintenance of Service Charges)	RESALE	0%		0%	
464	Shared Tenant Service	RESALE	0%		0%	
465	Restoral of Service Charge	RESALE			Tariff 20 Part 22 Section 2	
466						
467	**TOLL**					
468	Toll	RESALE	16.62%		16.62%	
469						
470	**Electronic Billing Information Data (daily usage)**	RESALE	$0.00			
471	per message					

TBD - To be determined
NRO - Nonrecurring only
ICB - Individal Case Basis
NA - Not Applicable

Line	MICHIGAN - Generic Pricing Schedule /1/				SBC RECURRING		SBC NON-RECURRING	
				USOC	Monthly		Initial	Additional
472								
473		**Line Connection Charge**						
474		Residence		RESALE			Tariff 20 Part 22 Section 2	
475		Business		RESALE			Tariff 20 Part 22 Section 2	
476		**Service Order/Service Request Charge**						
477		Residence		RESALE			Tariff 20 Part 22 Section 2	
478		Business		RESALE			Tariff 20 Part 22 Section 2	
479		**Non-Electronic (Manual) Service Order Charge**						
480		Residence		RESALE			Tariff 20 Part 22 Section 2	
481		Business		RESALE			Tariff 20 Part 22 Section 2	
482								
483	**Notes**							
484								
485								
486	**/2/**	**Does not apply to pre-existing UNE-P Currently Combined Installations.**						
487	**/3/**	**Only applies to pre-existing UNE-P Migrations.**						
488	**/4/**	**Applies only once per UNE-P Combination.**						
489	**/5/**	**Does not apply to Special Access to UNE conversions.**						
490	**/6/**	**Does not apply to new UNE-P installations.**						
491	**/7/**	**Does not apply to new EEL installations.**						
492	**/8/**	**Does not apply to pre-existing UNE-P Migrations.**						
493	**/9/**	**Pursuant to FCC Tariff #2, Section 4 effective from June 1, 2004 and shall cease billing effective October 1, 2004.**						
494	*** The Parties acknowledge and agree that the rates set forth are interim and subject to true-up pending state established rates.**							

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

ATTACHMENT A

Minimum Levels of Service:

The following table represents "Maximum level of service (Ceilings)" and "Minimum level of service (Floors)" for each respective measure/sub-measure. Without regard to parity, SBC Wisconsin will not pay remedies to a CLEC if the result for that CLEC meets or exceeds the ceilings and SBC Wisconsin will pay remedies to a CLEC if the result for that CLEC does not meet the floor. Parity applies when the result for that CLEC falls between the ceiling and the floor.

Measure #:	Measure:	Sub-measure:	Ceiling:	Floor:
PM #12	Mechanized Provisioning Accuracy	Each	≥ 97%	< 90%
PM #27	Mean Installation Interval	POTS-Res/Bus-NFW UNE-P-Res/Bus-NFW CIA-Centrex NFW	1 day or less on NFW	> 5 Business Days
PM #27	Mean Installation Interval	POTS-Res/Bus FW, UNE-P-Res/Bus FW and CIA Centrex FW	2 days or less on FW	> 5 Business Days
PM #28	Percent Installations Completed within CRDD	Each	≥ 98%	< 90%
PM #30	Percent Ameritech Caused Missed Due Dates Due to Lack of Facilities	Each	≤ 2%	> 10%
PM #35	Percent of Trouble Reports within 30 Days of Installation	Each	≤ 4%	> 20%
PM #37.1	Trouble Report Rate net Installation and Repeat Reports	Each	≤ 4%	> 20%
PM #38	Percent Missed Repair Commitments	Each	≤ 5%	> 15%
PM #39	Receipt To Clear Duration	OS	≤ 8 hours	> 30 hours
PM #39	Receipt To Clear Duration	AS	≤ 8 hours	> 60 hours
PM #40	Percent Out of Service Intervals < 24 Hours	Each	≥ 96%	< 85%
PM #41	Percent Repeat Trouble Reports	Each	≤ 4%	> 20%
PM #55	Average Installation Interval	Analog (1-10), Digital (1-10), DS1 including PRI, Dedicated Transport DS1 (1-10), Dedicated Transport DS3 (1-10)	≤ 2 days	> 5 Business Days
PM #55	Average Installation Interval	Analog (11-20)	≤ 2 days	> 10 Business Days
PM #55	Average Installation Interval	Analog (20+)	≤ 2 days	> 15 Business Days
PM #56	Percent Installations Completed within CRDD	Each	≥ 98%	< 90%
PM #59	Percent of Trouble Reports within X Days of Installation	Each	≤ 4%	> 20%
PM #60	Percent Ameritech caused Missed Due Dates Due to Lack of Facilities	Each	≤ 2%	> 10%
PM #65.1	Trouble Report Rate net Installation and Repeat Reports	Each	≤ 4%	> 20%
PM #66	Percent Missed Repair Commitments	Each	≤ 5%	> 15%
PM #67	Mean Time To Restore	All except for Dedicated Transport & DS1 Loop	≤ 8 hours	> 36 hours
PM #67	Mean Time To Restore	Dedicated Transport & DS1 Loop	≤ 4 hours	> 10 hours
PM #68	Percent Out of Service Intervals < 24 Hours	Each	≥ 96%	< 85%
PM #69	Percent Repeat Trouble Reports	Each	≤ 4%	> 20%