

ATTACHMENT 27: OPERATIONS SUPPORT SYSTEMS (OSS)

1.0 INTRODUCTION

- 1.1 This Attachment sets forth terms and conditions under which the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) will provide access to Operations Support Systems (OSS) interfaces and the related functions for pre-ordering, ordering, provisioning, maintenance/repair, billing, of customer usage data, and account maintenance.
- 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 Wisconsin Bell, Inc. d/b/a SBC Wisconsin.

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.

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.

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.

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.

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 SBC-owned ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.

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.

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.

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.

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

2.0 DEFINITIONS

- 2.1 "LSC" means the Local Service Center (LSC) for SBC-12STATE and the Local Exchange Carrier Center (LECC) for SBC CONNECTICUT.
- 2.2 "LOC" means the Local Operations Center (LOC) for SBC-13STATE.
- 2.3 "MCPSC" means the Mechanized Customer Production Support Center (MCPSC) for SBC-13STATE.
- 2.4 "ISCC" means the Information Services Call Center that is the single point of contact for all OSS access problems for SBC-13STATE.

3.0 GENERAL CONDITIONS

- 3.1 For Resale services, UNEs, LNP and interconnection trunk orders not supported via an electronic interface for the preorder, ordering and provisioning processes, SBC-13STATE and TCG-KC will use manual processes. Should SBC-13STATE develop electronic interfaces for these functions for itself, SBC-13STATE will offer electronic access to TCG-KC within the specific region that the OSS is made available. In addition to the electronic Interfaces, SBC-13STATE shall provide manual processes available to other CLECs for preordering, ordering, provisioning, and billing functions via SBC-13STATE's LSC or LECC, and for repair and maintenance functions through SBC-13STATE's LOC. TCG-KC shall use electronic interfaces for OSS unless the electronic interfaces are temporarily unavailable or where a given order cannot be processed electronically or where TCG-KC provides a forecast for manual orders, provided, however, that the Parties agree to work together to develop a plan to migrate orders that TCG-KC has elected to submit via

manual processes to electronic processes within 12 months. Should TCG-KC use manual processes, TCG-KC shall pay any State Commission-approved additional charges associated with these manual processes.

- 3.2 When SBC-13STATE introduces electronic interfaces, in accordance with the Change Management Process referenced in Section 3.10 below, those interfaces will be deemed automatically added to this Attachment, upon request of TCG-KC unless SBC-13STATE believes there are essential terms and conditions unique to the new interface that are not included in this Attachment. In such case, SBC-13STATE shall use its good faith reasonable efforts to notify TCG-KC and propose such additional terms and conditions in sufficient time that the Parties, negotiating in good faith, may reach agreement on the amendment and have it become effective no later than the date the new interface is made available for use by CLECs.
- 3.2.1 If the Parties have reached agreement on any necessary amendment, and have filed the amendment for Commission approval, but the amendment is not yet effective, then the Parties may agree to implement the amendment rates, terms, and conditions upon making available the OSS to TCG-KC. If, for any reason, the Parties are unable to reach agreement on the amendment rates, terms, or conditions, in time for the amendment to become effective (under state Commission rules) on or before the date that the new interface is scheduled to be available for use by CLECs, then, at TCG-KC's option, TCG-KC may agree to SBC-13STATE's proposed amendment rates, terms, and conditions on an interim basis with a retroactive true-up to the effective date of such interim amendment based upon the final amendment that subsequently becomes effective between the Parties.
- 3.2.2 SBC-13STATE shall use its good faith reasonable efforts to propose the essential terms and conditions as soon as such terms and conditions are defined, with a target of three (3) months prior to the scheduled release date for the new interface.
- 3.3 When SBC-13STATE retires Interfaces in accordance with the Change Management Process referenced in Section 3.10 below, those Interfaces will be deemed automatically deleted from this Attachment.
- 3.4 Proper Use of OSS interfaces:
- 3.4.1 For SBC-13STATE, TCG-KC agrees to utilize SBC-13STATE electronic interfaces, as described herein, only for the purposes of establishing and maintaining Resale Services, UNEs, local number portability and interconnection trunk orders from SBC-13STATE pursuant to this Agreement and applicable tariffs. The Dispute Resolution Section of the General Terms and Conditions shall apply to any disputes which arise under this Agreement, with the exception

of disputes related to the improper use of or access to CPNI or any alleged non-compliance with SBC-13STATE's security guidelines.

3.4.2 In the event SBC-13STATE has good cause to believe that TCG-KC has used SBC-13STATE OSS in a way that conflicts with this Agreement or Applicable Law, SBC-13STATE shall give TCG-KC written notice describing the alleged misuse ("Notice of Misuse"). TCG-KC shall immediately refrain from the alleged misuse until such time that TCG-KC responds in writing to SBC-13STATE's Notice of Misuse, which shall be provided to SBC-13STATE within twenty (20) days after receipt of the Notice of Misuse. In the event TCG-KC agrees with SBC-13STATE's allegation of misuse, TCG-KC shall refrain from the alleged misuse during the term of this Agreement.

3.4.3 The Dispute Resolution Section of the General Terms and Conditions shall apply to any disputes which arise under this Attachment, including disputes related to the alleged improper use of or access to CPNI or any alleged non-compliance with SBC-13STATE's security guidelines. Except as otherwise set forth in this Attachment, TCG-KC's liability for improper or unauthorized use of or access to SBC-13STATE's OSS shall be governed by Section 7.6.3 of the General Terms and Conditions of the Agreement.

3.4.4 In the event TCG-KC does not agree that TCG-KC's use of SBC-13STATE's OSS is inconsistent with this Agreement or Applicable Law as alleged by SBC-13STATE, then the Parties agree to the following steps:

3.4.4.1 If such alleged 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, TCG-KC shall continue to refrain from using the particular OSS functionality in the manner alleged by SBC to be improper, until TCG-KC has implemented a mutually agreeable remedy to the alleged misuse. SBC may invoke the dispute resolution process in the General Terms and Conditions to devise such remedy.

3.4.4.2 To remedy the alleged 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.

3.5 Upon notice and good cause shown, SBC-13STATE shall have the right to conduct an audit of TCG-KC's use of SBC-13STATE's OSS. As used in this Section, the term "good cause" means that a reasonable person would consider that an audit of TCG-KC's use of SBC-13STATE's OSS is justified under the circumstances that exist at the time SBC-13STATE elects to conduct such an audit. Such audit shall be limited to auditing those aspects of TCG-KC's use of the SBC-13STATE's OSS that relate to SBC's allegation of

misuse as set forth in the Notice of Misuse. SBC-13STATE shall give ten (10) days advance written notice of its intent to audit TCG-KC ("Audit Notice") under this Section, and shall identify the type of information needed for the audit. Such Audit Notice may not precede SBC-13STATE's Notice of Misuse. Within a reasonable time following the Audit Notice, but no less than fourteen (14) days after the date of the notice (unless otherwise agreed by the Parties), TCG-KC shall provide SBC-13STATE with access to the requested information in any reasonably requested format, at an appropriate TCG-KC 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, or any SBC affiliate.

3.6 OSS Access to CPNI

3.6.1 Within SBC-13STATE regions, TCG-KC's access to pre-order functions described in Section 4.2.2 will only be utilized to view Customer Proprietary Network Information (CPNI) of another carrier's end user where TCG-KC has obtained an authorization for release of CPNI from the end user in accordance with applicable law.

3.6.2 This Section applies to SBC CALIFORNIA only. For residence end users, prior to accessing such information, TCG-KC 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, TCG-KC shall have obtained an authorization to become local service provider of the end user. Accessing such information by TCG-KC shall constitute certification that TCG-KC is in compliance with applicable requirements of Section 2891 and Section 222 (and implementing FCC decisions thereunder) and has complied with the prior sentence. TCG-KC shall receive and retain such information in conformance with the requirements of 47 USC 222 (and implementing FCC decisions thereunder). TCG-KC agrees to indemnify, defend and hold harmless SBC CALIFORNIA against any claim made by a residence end user or governmental entity against SBC CALIFORNIA or TCG-KC under Section 2891 or Section 222 (and implementing FCC decisions thereunder) or for any breach by TCG-KC of this Section.

3.6.3 Throughout SBC-13STATE region, TCG-KC is solely responsible for determining whether proper authorization has been obtained and holds SBC-13STATE harmless from any loss on account of TCG-KC's failure to obtain proper CPNI consent from an End User.

- 3.7 SBC-13STATE will provide TCG-KC with access to the Interfaces during the hours of operation posted in the Handbook on the CLEC Online Website. Changes to hours of operation will be handled in accordance with the Change Management Process.
- 3.8 SBC-13STATE shall provide support for the Interfaces described in this Attachment. In accordance with the SBC-13STATE Change Management Process, TCG-KC will provide a single point of contact for issues related to the Interfaces. This point of interface is known as the CMP SPOC. Each Party shall also provide to the other Party telephone numbers for resolution of problems in connection with pre-ordering, ordering, provisioning and maintenance of the services. SBC-13STATE shall list the business days and hours for each call center in SBC-13STATE's CLEC Handbook (CLEC Online website) and notice any changes via Accessible Letter. Minimum hours of operation for each center shall be:
- ISCC: 7 days per week, 24 hours per day.
- LSC, LECC, MCPSC: Monday through Friday, excluding Holidays, 8:00 AM to 5:00 PM (in each applicable time zone)
- LOC– Maintenance: 7 days per week, 24 hours per day
LOC– Provisioning: Monday through Friday, excluding Holidays, 8:00 AM to 5:00 PM (in each applicable time zone)
- 3.8.1 The Parties shall ensure adequate coverage in its service centers during these minimum hours.
- 3.9 SBC-13STATE and TCG-KC will establish interface contingency plans and disaster recovery plans for the pre-order, ordering and provisioning of Resale services and UNE.
- 3.10 The Parties will follow the final adopted guidelines of "SBC Competitive Local Exchange Carrier (CLEC) 13-State Interface - Change Management Process". This plan may be modified from time to time in accordance with the Change Management principles. Those guidelines (or any successor), as they may be modified from time to time, are incorporated into this Agreement by reference as if fully set forth herein.
- 3.10.1 When any changes to OSS interfaces or ordering processes are requested by TCG-KC that has the potential to impact the SBC OSS interfaces and/or ordering processes, SBC will entertain any such TCG-KC submitted request to CMP and will process such request through the CMP process. By SBC processing CLEC requests through CMP for CLEC community involvement, this language in no way limits TCG-KC's right to seek remedies before regulatory bodies or in the legal arena.
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- 3.12 TCG-KC is responsible for obtaining operating system software and hardware to access SBC-13STATE's OSS functions as specified in Sections 10 and 11 of this Attachment.
- 3.13 For all SBC states, the performance measures and remedy plans applicable to the OSS interfaces shall be as agreed between the parties in the relevant state-specific interconnection agreements, if any.
- 3.14 SBC-13STATE will recognize TCG-KC as the customer of record for TCG-KC's local exchange line subscribers for all services ordered by TCG-KC under this agreement and will send all notices, invoices and pertinent information directly to TCG-KC. Except as otherwise specifically provided in this Agreement, TCG-KC shall be the single point of contact for all TCG-KC end users as to the services for which TCG-KC is the authorized service provider. Each Party shall refer all questions regarding the other Party's service or product directly to the other Party at a telephone number specified by the other Party. Each Party shall ensure that all their representatives who receive inquiries regarding the other Party's services: (i) provide such numbers to callers who inquire about the other Party's services or products; and (ii) do not in any way disparage or discriminate against the other Party, or its products or services.
- 3.15 Each Party will abide by applicable state or federal laws and regulations in obtaining end user authorization prior to changing the end user's local service provider to itself and in assuming responsibility for any applicable charges as specified in Section 258(b) of the Telecommunications Act of 1996. If an end user initiates a challenge to a change in its local exchange service provider, or if otherwise required by law or a regulatory authority, the Parties shall cooperate in providing each other information about the end user's authorization for the change.
- 3.16 For ease of administration, this multi-state Attachment contains certain specified rates, terms and conditions which apply only in a designated state ("state-specific terms"). To the extent that this Attachment 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 Attachment is submitted for approval under Section 252(e) of the Act. State-specific terms have been negotiated by the Parties only as to the states where this Attachment has been executed, filed and approved. When the parties negotiate an OSS Attachment for an additional state, neither Party shall be precluded by any language in this Attachment from negotiating state-specific terms for the state in which they are to apply.

4.0 PRE-ORDERING

- 4.1 SBC-13STATE will provide real time electronic access to pre-order functions to support TCG-KC's orders. The Parties acknowledge that ordering requirements necessitate the use of current, real time pre-order information to accurately build service orders. SBC-13STATE will make the following pre-order functions available to TCG-KC:

- 4.2 Pre-ordering functions for Resale Services and UNEs include:
- 4.2.1 Feature/Service Availability:
- 4.2.1.1 Feature Inquiry provides SBC-13STATE with feature and service availability by WTN, NPA/NXX, and CLLI Code (as applicable).
- 4.2.1.2 PIC/LPIC Inquiry provides SBC-13STATE 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, long distance carrier identity, pending service order activity. TCG-KC agrees that TCG-KC's representatives will not access the information specified in this subsection until after TCG-KC or its representatives have obtained an authorization for release of CPNI from the end user in accordance with applicable law. Such End User authorization for release of CPNI shall comply with conditions as described in Section 3.6 of this Attachment.
- 4.2.3 Telephone Number Inquiry:
- 4.2.3.1 SBC-13STATE provides a Telephone Number Reservation Inquiry and a Cancel Reservation 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 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, and LNP Pre-order Interface Availability

4.4.1.1 The industry standard EDI/CORBA Pre-ordering Gateway is also 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 TCG-KC's own systems.

4.4.1.2 Enhanced Verigate is the 13-state uniform pre-order GUI interface available in SBC-13STATE that provides access to the pre-ordering functions. Enhanced Verigate is accessible via a web-based Toolbar.

4.4.1.3 Consumer Easy Access Sales Environment (C-EASE): C-EASE is an ordering entry system through which SBC-SOUTHWEST REGION 5-STATE provides TCG-KC access to the functions of pre-ordering to order SBC-SOUTHWEST REGION 5-STATE residential Resale services.

4.4.1.4 Business Easy Access Sales Environment (B-EASE): B-EASE is an ordering entry system through which SBC-SOUTHWEST REGION 5-STATE provides TCG-KC access to the functions of pre-ordering to order SBC-SOUTHWEST REGION 5-STATE business Resale services.

4.4.1.5 Service Order Retrieval and Distribution (SORD) is available for the pre-order function of viewing the CPNI, when SORD is used to order SBC-SOUTHWEST REGION 5-STATE Resale service.

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, and in accordance with SBC's Uniform and Enhanced OSS Plan of Record (POR), 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) and CLEC Online. Data Validation files will be updated no less than monthly.

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)/FID (feature identification detail)
- Community Names
- Yellow Page Headings
- PIC/LPIC (InterLATA/IntraLATA)
- Alternate Community Names (SBC CALIFORNIA and SBC NEVADA only)

5.0 ORDERING/PROVISIONING

- 5.1 SBC-13STATE provides access to ordering functions via one or more electronic interfaces pursuant to Section 5.3. TCG-KC 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, (where currently available) and/or other ordering requirements which have been mutually agreed, and will be implemented pursuant to Section 3.10 (Change Management Process) of this Attachment.
- 5.2 SBC-13STATE will provide TCG-KC access to one or more of the following systems or interfaces:
- 5.3 Service Order Request and Provisioning System Availability:
- 5.3.1 In SBC-SOUTHWEST REGION 5-STATE, C-EASE is available for the ordering of consumer Resale services.
- 5.3.2 In SBC-SOUTHWEST REGION 5-STATE, B-EASE is available for the ordering of business Resale services.
- 5.3.3 In SBC-SOUTHWEST REGION 5-STATE, a file transmission may be provided to confirm order completions for C-EASE or B-EASE order processing. This file will

provide service order information of all distributed and completed orders for TCG-KC.

5.3.4 In SBC-SOUTHWEST REGION 5-STATE, SORD interface provides TCG-KC with the ability to create simple and complex Resale orders that cannot be ordered through Easy Access Sales Environment (EASE), Electronic Data Interchange (EDI) or Local Exchange (LEX). In addition, the SORD interface supports the modification of service orders submitted electronically by TCG-KC. The Parties agree that the following conditions are applicable to electronically generated service orders with errors corrected via SORD. If TCG-KC chooses to use SORD to issue orders in SBC-SOUTHWEST REGION 5-STATE, then TCG-KC becomes responsible for correction of all service order errors between order application and order completion that occur on mechanically generated service orders created or modified by TCG-KC. TCG-KC may need to call the LSC to obtain additional information. TCG-KC may also choose to clear service order errors, even though TCG-KC is not initiating service orders via SORD. TCG-KC would then become responsible for correction of all errors, as detailed above. For terms and conditions for service order error correction within SORD, see Section 5.3.5.

5.3.5 As detailed in Sections 5.3.4 and 5.6.1, the Parties agree that the following timelines are applicable to electronically generated service orders with errors corrected via SORD:

5.3.5.1 Errors occurring between order generation and distribution must be corrected within five (5) hours for a simple order and within twenty-four (24) hours for a complex order;

5.3.5.2 Error Service Order Image (ESOI) errors must be corrected within three (3) business hours.

5.3.5.3 Service orders will be excluded from calculation of the results for all related performance measurements, described in Attachment 17 (Performance Measures) as applicable if TCG-KC fails to correct service order errors within the timeframes specified in this Section 5.3.5.

5.3.5.4 Additionally, service orders with errors that occur after order generation, but prior to distribution will not qualify for a SBC-SOUTHWEST REGION 5-STATE issued FOC.

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5.5 SBC-13STATE makes available to TCG-KC an Electronic Data Interchange (EDI) interface for transmission of SBC-13STATE ordering requirements via formats provided on the Local Service Request (LSR) as defined by the Ordering and Billing Forum (OBF)

and via EDI mapping as defined by Telecommunications Industry Forum (TCIF). In ordering and provisioning of Resale and UNE, TCG-KC and SBC-13STATE will utilize industry guidelines developed by OBF and TCIF EDI to transmit data based upon SBC-13STATE's Local Service Ordering Requirements (LSOR). In ordering and provisioning UNE, TCG-KC and SBC-13STATE will utilize industry guidelines developed by OBF and TCIF EDI to transmit data based upon SBC-13STATE's UNE ordering requirements dependent on operating region. In addition, Local Number Portability (LNP) will be ordered consistent with the OBF LSR and EDI process.

- 5.6 For SBC SOUTHWEST REGION 5-STATE region, SORD interface provides CLECs with the ability to create simple and certain complex UNE orders that cannot be initiated through EASE, EDI or LEX.
 - 5.6.1 For SBC-SOUTHWEST REGION 5-STATE, the SORD interface supports the modification of service orders submitted electronically by TCG-KC. The Parties agree that the following conditions are applicable to electronically generated service orders with errors corrected via SORD: If TCG-KC chooses to use SORD to issue orders, then TCG-KC becomes responsible for correction of all service order errors between order application and order completion that occur on mechanically generated service orders created or modified by TCG-KC. TCG-KC may need to call the LSC to obtain additional information. TCG-KC may also choose to clear service order errors, even though TCG-KC is not initiating service orders via SORD. TCG-KC would then become responsible for correction of all errors, as detailed above. For terms and conditions for service order error correction within SORD, see Section 5.3.5.
- 5.7 In ordering and provisioning Unbundled Dedicated Transport and local interconnection trunks, TCG-KC and SBC will utilize SBC's ordering requirements which are based on industry ASR guidelines developed by OBF. SBC-13STATE support the ordering of Unbundled Dedicated Transport and local interconnection trunks for purposes of this Agreement via an ASR. These ASRs are transmitted to SBC-13STATE via NDM Direct Connect. Extended Enhanced Loops/Links (EELs) (also known as Multi-Serving Wire Centers) shall be ordered via the procedures set forth on the CLEC Online website, consistent with the Uniform Plan of Record.
- 5.8 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, UNEs, and Local Number Portability. LEX is accessible via a web-based Toolbar.
- 5.9 Use of Authorized Advanced Services Provider ("AASP") as defined in Appendix UNE Line Splitting.
 - 5.9.1 TCG-KC may identify one or more Authorized Advanced Services Providers, to add, change or delete advanced services capabilities on an xDSL Loop employed or ordered by TCG-KC. If TCG-KC chooses to utilize AASPs under

this section, the orders issued by the AASP must either:

5.9.1.1 appear, in all ways, as if the orders were submitted by TCG-KC. For orders submitted by the AASP on behalf of TCG-KC, SBC will treat these orders in exactly the same manner as if TCG-KC, and not a third party, submitted the order. Or,

5.9.1.2 appear as if the orders were submitted by the AASP, and contain the new LSPAUTH field populated with the necessary information (e.g. TCG-KC OCN), when such field is available. SBC MISSOURI shall make the field available by the March 2004 Release.

6.0 ADDITIONAL TERMS FOR PROVISIONING

6.1 Provisioning for Resale Services and UNEs in SBC-13STATE:

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6.1.2 When TCG-KC places an electronic order via SBC EDI ordering system as prescribed by the LSOR, SBC-13STATE will provide TCG-KC with a functional acknowledgement in the form of a "997" notice. The functional acknowledgement will follow the TCIF industry standard format.

6.1.3 When TCG-KC places an electronic order using SBC's LSOR based ordering system (e.g. EDI and LEX) or the ASR-based ordering system as described in Section 5.7 above, SBC-13STATE will provide TCG-KC with an electronic confirmation notice (also known as a firm order confirmation ("FOC")). The confirmation notice will follow industry-standard formats and contain the SBC-13STATE confirmed due date for order completion. ("Due Date"). Upon completion of an LSR, SBC-13STATE will provide TCG-KC with an electronic completion notice which follows industry-standard formats and which states when that order was completed (also known as a service order completion ("SOC")). In addition, SBC will provide a loss notification and a post to bill notification, as discussed in the Uniform Plan of Record and defined in the SBC-13STATE LSOR.

6.1.3.1 Loss Notification - This response will be provided to the CLEC when an end user changes from one CLEC to another CLEC. It alerts the losing CLEC that a change requested by another CLEC has been completed and the end user is no longer theirs. This notification utilizes the 836 transaction. Loss Notifications are provided consistent with the SBC-13STATE LSOR.

6.1.3.2 Post to Bill Notification - The Post to Bill Notification is sent for each complete LSR/PON once all service orders associated with the request

have posted to billing. This notification utilizes the 865 transaction. The time frame between an order posting to bill and the CLEC notification would be a minimum of two days. Post to Bill Notifications are provided consistent with the SBC-13STATE LSOR.

6.1.4 When TCG-KC places an electronic order using SBC's LSOR based ordering system (e.g. EDI and LEX), SBC-13STATE shall provide electronic jeopardy notification of any instances when SBC-13STATE's due dates are in jeopardy of not being met by SBC-13STATE. This notice is known as a jeopardy notice and will be used to notify the CLEC in any instance where a Firm Order Confirmation has been sent and the due date of the order is in jeopardy of being met for any reason. Jeopardy codes and reject error codes/messages are identified in the LSOR and are sent at service order level. When TCG-KC places an electronic order using either SBC's LSOR-based ordering system (e.g. EDI and LEX) or the ASR based ordering system as described in Section 5.7 above, SBC-13STATE shall provide electronic notification when an order contains rejections/errors in any of the data element(s) fields using error codes/messages as contained in the LSOR. This notice is known as a reject error notification and such notice will rarely be sent following a firm order confirmation. SBC-13STATE shall give such notice as soon as it identifies the jeopardy or reject.

6.2 Provisioning for Resale Services and UNEs in SBC-13STATE: SBC-13STATE will provision Resale services and UNEs as detailed in TCG-KC service order requests. Access to order status on such requests will be provided via the following electronic interfaces:

6.2.1 For SBC-13STATE, Order Status and Provisioning Order Status functionality is provided through the Enhanced Verigate interface which will allow TCG-KC to check service order status. In addition, for SBC-SOUTHWEST REGION 5-STATE pending orders can be viewed in SORD.

6.2.2 For SBC-13STATE, EDI also provides service order status functions, including order acknowledgement, Firm Order Confirmation (FOC), service completion, and, as available, other provisioning data and information.

7.0 MAINTENANCE/REPAIR

7.1 through 7.8 Intentionally Left Blank

7.9 SBC-13STATE will provide TCG-KC access to the following electronic interfaces to place and check the status of trouble reports for Resale, UNEs and LNP:

7.9.1 Intentionally Left Blank

7.9.2 Intentionally Left Blank

- 7.9.3 In SBC-13STATE, Electronic Bonding/Trouble Administration - Graphical User Interface (EBTA-GUI) allows TCG-KC to issue trouble tickets, view status, and view trouble history on-line.
- 7.9.4 Intentionally Left Blank
- 7.9.5 In SBC-13STATE, Electronic Bonding/Trouble Administration (EB/TA) is an 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 TCG-KC 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. TCG-KC and SBC-13STATE will exchange requests over a mutually agreeable X.25-based network.

8.0 BILLING AND CUSTOMER USAGE

- 8.1 SBC-13STATE will send associated billing information to TCG-KC as necessary to allow TCG-KC to perform billing functions. At minimum SBC-13STATE will provide TCG-KC billing information in a paper format or via 18 track magnetic tape, as agreed to between TCG-KC and SBC-13STATE. Such alternate bill media will be made available to CLEC consistent with the individual state tariff provisions.
 - 8.1.1 For Resale Services in SBC CALIFORNIA, TCG-KC 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.
 - 8.1.2 For Resale Services in SBC-MIDWEST REGION 5-STATE, TCG-KC may elect to receive its bill on CD.
- 8.2 Electronic access to billing information for Resale services will also be available via the following interfaces:
 - 8.2.1 In SBC-SOUTHWEST REGION 5-STATE, TCG-KC 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.
 - 8.2.2 In SBC-SOUTHWEST REGION 5-STATE, TCG-KC may also view billing information through the Bill Information interface. Bill Information will be

accessible via SBC-SOUTHWEST REGION 5-STATE Classic Toolbar.

- 8.2.3 In SBC-13STATE, TCG-KC may receive a mechanized bill format via the EDI 811 transaction set.
 - 8.2.4 In SBC-13STATE, TCG-KC may receive electronically a Daily Usage Extract File. On a daily basis, this feed provides information on the usage billed to its accounts for Resale services in the industry standardized EMI format.
 - 8.2.5 Intentionally Left Blank
 - 8.2.6 In SBC-13STATE, TCG-KC may receive a Billing Detail File on cartridge or 18 track magnetic tape.
 - 8.2.7 In SBC-MIDWEST REGION 5-STATE, TCG-KC may receive a mechanized bill via the SBC-MIDWEST REGION 5-STATE Electronic Billing System (AEBS) transaction set.
- 8.3 Electronic access to billing information for UNEs (and for LNP and interconnection trunks where noted below) will also be available via the following interfaces:
- 8.3.1 For products billed from CABS, such as UNEs, LNP, and interconnection trunks, SBC-13STATE makes available to TCG-KC 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 TCG-KC's paper bill.
 - 8.3.2 In SBC-SOUTHWEST REGION 5-STATE, TCG-KC may also view billing information through the Bill Information interface. Bill Information will be accessible via SBC-SOUTHWEST REGION 5-STATE Classic Toolbar.
 - 8.3.3 In SBC-13STATE, TCG-KC will receive a Daily Usage Extract File, 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.

9.0 LOCAL ACCOUNT MAINTENANCE

Loss Notification

- 9.1 SBC-13STATE will provide Loss Notifications. This notification alerts TCG-KC that a change requested by another Telecommunications Carrier (TC) 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 836 transaction, and will also be available via the uniform ordering GUI interface.

Change of Preferred InterLATA or IntraLATA Carrier

- 9.2 SBC-13STATE shall accept and process the following types of preferred carrier changes sent by TCG-KC for end users subscribing to TCG-KC local service: (1) intraLATA toll and (2) interLATA toll.
- 9.3 When a TCG-KC end user authorizes a change of one of its preferred carrier designations, TCG-KC shall notify SBC-13STATE of this change using a Local Service Request ("LSR") which it will send to SBC-13STATE over the ordering gateway for provisioning local service. SBC-13STATE will not accept requests to change the PIC on a Resale, or UNE service via the CARE process. SBC-13STATE will follow industry guidelines in rejecting requests received via the CARE process.
- 9.4 TCG-KC acknowledges that these orders shall be processed via LSR Change orders and not the industry-standard PIC change process which is used with retail accounts.

10.0 REMOTE ACCESS FACILITY

- 10.1 TCG-KC must access OSS interfaces via a CLEC Remote Access Facility. For the purposes of OSS interconnection, a CLEC is defined by the National Exchange Carrier Association (NECA) Access Customer Name Abbreviation (ACNA) and any access limitations applied by SBC shall be applied regionally. For the SBC-SOUTHWEST REGION 5-STATE, 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. Connection to these remote access facilities will be established via a "port" either through dial-up or direct connection as described in Section 10.2. TCG-KC may utilize a port to access SBC-13STATE's OSS interfaces to perform the supported functions in any SBC-13STATE where TCG-KC has executed an Attachment OSS. OSS applications that are accessible through the Internet will also go through a secured Remote Access Facility. TCG-KC shall be allowed to use a single physical termination for multiple trading partner ids to access SBC's network.
- 10.2 For SBC-13STATE, TCG-KC may use three types of access: Switched, Private Line, and Frame Relay. For Private Line and Frame Relay "Direct Connections," TCG-KC shall provide its own router, circuit, and two Channel Service Units/Data Service Units (CSU/DSU). The demarcation point shall be the router interface at the LRAF, PRAF, ARAF or SRAF. Switched Access "Dial-up Connections" require TCG-KC to provide its own modems and connection to the LRAF, PRAF, ARAF and SRAF. TCG-KC shall pay the cost of the call if Switched Access is used. Connections via the Public Internet require TCG-KC to connect to an ISP of their choice and use one of the HTTPS URLs associated with access to SBC-13STATE's OSS via the public internet.
- 10.3 For SBC-13STATE, TCG-KC shall use TCP/IP to access SBC-13STATE's OSS via the LRAF, PRAF, ARAF and the SRAF. In addition, TCG-KC shall have at least one unique

public-registered Internet Protocol (IP) network address per region. TCG-KC shall maintain a user-id / password unique to each individual for accessing an SBC-13STATE's OSS on TCG-KC's behalf. TCG-KC 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.

- 10.4 For SBC-13STATE, TCG-KC shall attend and participate in implementation meetings to discuss TCG-KC RAF access plans in detail and schedule testing of such connections.
- 10.5 For SBC-13STATE region, TCG-KC may use a private line connection. TCG-KC shall provide and maintain own router and CSU/DSU.
- 10.6 For dedicated RAF locations (e.g. LRAF, PRAF, ARAF, and SRAF) if TCG-KC wants to establish connectivity for the first time, or if TCG-KC wants to upgrade their existing connection, then SBC-13STATE will provide specifications for connecting to the new dedicated RAF facility. TCG-KC connections to any other non-xRAF facility within the SBC-13STATE service areas are grandfathered and no new TCG-KC connections will be made to such non-dedicated facilities.

11.0 DATA CONNECTION SECURITY REQUIREMENTS

- 11.1 TCG-KC agrees that interconnection of TCG-KC data facilities with SBC-13STATE data facilities for access to OSS will be in compliance with the applicable interconnection procedures: "SBC-13STATE Competitive Local Exchange Carrier (CLEC) Operations Support System Interconnection Procedures" document, current at the time of initial interconnection in each region for access to SBC-13STATE's OSS. The following additional terms in this Section govern direct and dial up connections between TCG-KC and LRAF, PRAF, ARAF, and SRAF for access to OSS Interfaces.
- 11.2 Joint Security Requirements.
 - 11.2.1 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.).
 - 11.2.2 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, userID assignment, user request records, system configuration, and 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.

- 11.2.3 For user IDs established prior to common block ID assignment, each Party shall notify the other party immediately, upon termination of employment of an individual user with approved access to the other Party's network.
- 11.2.4 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.
- 11.2.5 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 TCG-KC 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.
- 11.2.6 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.
- 11.3 Additional Responsibilities of Both Parties.
- 11.3.1 Modem/DSU Maintenance And Use Policy: To the extent the access provided hereunder involves the support and maintenance of TCG-KC 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.
- 11.3.2 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.
- 11.3.3 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.

- 11.3.4 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.
- 11.3.5 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.
- 11.3.6 All network-related problems will be managed to resolution by the respective organizations, TCG-KC or SBC-13STATE, as appropriate to the ownership of a failed component. As necessary, TCG-KC and SBC-13STATE will work together to resolve problems where the responsibility of either Party is not easily identified.
- 11.4 Information Security Policies And Guidelines For Access To Computers, Networks and Information By Non-Employee Personnel:
- 11.4.1 Information security policies and guidelines are designed to protect the integrity, confidentiality and availability of computer, networks and information resources. Sections 11.5 – 11.11 summarize 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 TCG-KC or SBC-13STATE, respectively, as the providers of the computer, network or information in question.
- 11.4.2 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.

11.5 General Policies

- 11.5.1 Each Party's resources are for approved business purposes only.
- 11.5.2 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.
- 11.5.3 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.
- 11.5.4 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.
- 11.5.5 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.

11.6 User Identification

- 11.6.1 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.
- 11.6.2 User identification shall be accomplished by the assignment of a unique, permanent userid, and each userid shall have an associated identification number for security purposes.
- 11.6.3 Userids will be revalidated on a monthly basis.

11.7 User Authentication

- 11.7.1 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.
- 11.7.2 Passwords must not be stored in script files.
- 11.7.3 Passwords must be entered by the user in real time.

- 11.7.4 Passwords must be at least 6-8 characters in length, not blank or a repeat of the userid; 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.
- 11.7.5 Systems will require users to change their passwords regularly (usually every 31 days).
- 11.7.6 Systems are to be configured to prevent users from reusing the same password for 6 changes/months.
- 11.7.7 Personal passwords must not be shared. A user who has shared his password is responsible for any use made of the password.

11.8 Access and Session Control

- 11.8.1 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.
- 11.8.2 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.

11.9 User Authorization

- 11.9.1 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.

11.10 Software And Data Integrity

- 11.10.1 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.
- 11.10.2 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.

11.10.3 Unauthorized use of copyrighted software is prohibited on each Party's corporate systems that can be accessed through the direct connection or dial up access to OSS Interfaces.

11.10.4 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.

11.11 Monitoring And Audit

11.11.1 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 TCG-KC) 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."

11.11.2 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.

12.0 COOPERATIVE TESTING AND TRAINING

12.1 Prior to introduction of new applications or interfaces, or modifications of the same, the Parties shall conduct cooperative testing pursuant to a mutually agreed test plan.

12.2 Prior to live system usage, TCG-KC 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 TCG-KC 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

- 12.3 Charges will apply for each class as set forth above. A separate registration form will be required as a commitment to pay for a specific number of TCG-KC students in each class. TCG-KC and SBC-13STATE agree that charges will be billed by SBC-13STATE and TCG-KC's payment is due 30 days after receipt of the invoice. TCG-KC agrees to provide to SBC-13STATE completed registration forms for each student no later than one week prior to the scheduled training class. TCG-KC agrees to pay a cancellation fee for the full price noted in the separate agreement if TCG-KC cancels scheduled classes less than two weeks prior to the scheduled start date. Should SBC-13STATE cancel a class for which TCG-KC is registered less than two weeks prior to the scheduled start date of that class, SBC-13STATE will waive the charges for the rescheduled class of the registered students.
- 12.4 TCG-KC agrees that personnel from other competitive Local Service Providers may be scheduled into any class to fill any seats for which the TCG-KC has not contracted. Class availability is first-come, first served with priority given to CLECs who have not yet attended the specific class.
- 12.5 TCG-KC may request that classes be scheduled on particular dates. Class dates will be based upon TCG-KC request and SBC-13STATE availability, and will be coordinated among TCG-KC, TCG-KC's SBC-13STATE Account Manager, and SBC-13STATE Industry Markets CLEC Training Product Management.
- 12.6 TCG-KC agrees that TCG-KC 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.
- 12.7 TCG-KC 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 Attachment and shall be deemed "Proprietary Information" and subject to the terms, conditions and limitations of the Proprietary Information provisions of the General Terms and Conditions.

13.0 MISCELLANEOUS CHARGES

- 13.1 For SBC-SOUTHWEST REGION 5-STATE only, when TCG-KC requests Bill Plus™, it agrees to pay applicable tariffed rate, less Resale discount.

- 13.2 For SBC-13STATE, when TCG-KC requests the billing function for the Daily Usage Extract which contains the usage billable records, it agrees to pay established rates pursuant to Appendix Pricing UNE.
- 13.3 Intentionally Left Blank
- 13.4 For SBC-13STATE, should TCG-KC 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.
- 13.5 SBC CONNECTICUT will charge for the Billing Detail File, Daily Usage Feed, and Loss Notification File at rates filed and approved by the Department of Public Utilities of Connecticut.

14.0 OSS CHARGES FOR SYSTEM ACCESS AND CONNECTIVITY

- 14.1 To the extent SBC-13STATE seeks to recover applicable costs, if any, 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.

ATTACHMENT 27A ADDITIONAL OPERATIONAL SUPPORT

1.0 INTRODUCTION

- 1.1 This Attachment sets forth terms and conditions under which the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) will provide access to Operations Support Systems (OSS) interfaces and the related functions for pre-ordering, ordering, provisioning, maintenance/repair, billing, of customer usage data, and account maintenance.

2.0 ADDITIONAL TERMS FOR PROVISIONING

- 2.1 Provisioning for Resale Services and UNEs in SBC MISSOURI:
- 2.1.1 SBC MISSOURI shall provide all provisioning services to TCG-KC during the same business hours SBC MISSOURI provisions similar services for its end user customers but at a minimum Monday-Friday, 8:00 a.m. to 5:00 p.m., excluding Holidays and where an accessible letter has notified TCG-KC of a central office freeze. SBC MISSOURI will provision standalone number portability-only cutovers on Saturdays, 8:00 a.m. to 5:00 p.m. and on Sundays from 8:00 a.m. to 5:00 p.m., except during hours on Sundays when the Regional Service Management System (RSMS) is unavailable due to update or maintenance activity. Provisioning of standalone number portability cutovers on Sundays is subject to TCG-KC obtaining industry agreement that all carriers will conduct their Local Service Management Systems (LSMS) update or maintenance activity on Sundays during the same maintenance window as the RSMS. Recurring charges for Sunday provisioning of standalone number portability cutovers will be determined via the Bona Fide Request process and TCG-KC agrees to reimburse SBC MISSOURI for reasonable costs incurred in developing the capability for Sunday provisioning of standalone LNP cutovers, as provided in the applicable Bona Fide Request process. Such charges shall be paid, and reimbursed when applicable, as provided in the Bona Fide Request process. If TCG-KC requests that SBC MISSOURI perform provisioning services or complete service requests at times or on days other than as required in the preceding sentences, SBC MISSOURI shall provide such services at the rates, if any, as provided in the Bona Fide Request process.
- 2.1.2 TCG-KC and SBC Missouri shall be available for after hours and weekend cutover activity according to the terms and conditions shown in the LNP Appendix.
- 2.1.2 When an end user changes from one Party to the other Party and does not retain its original telephone number, the Party formerly providing service to the end user will provide a referral announcement on the abandoned telephone number,

however in circumstances where a resale customer disconnects service, SBC MISSOURI shall provide the referral announcement. These arrangements will be provided for the same period of time and under the same terms and conditions as such Party provides such arrangements to its existing end users, but must be requested on the LSR.

- 2.1.3 At TCG-KC's request, SBC MISSOURI will perform acceptance testing to the circuit demarc with TCG-KC (including trouble shooting to isolate any problems) to test UNE T1 services purchased by TCG-KC in order to identify any performance problems at turn-up of the service. Other acceptance testing is provided as set forth in the Agreement.
- 2.1.4 Where SBC MISSOURI provides installation on behalf of TCG-KC, SBC MISSOURI shall advise TCG-KC's end user to notify TCG-KC if the TCG-KC end user requests a service change at the time of installation.

3.0 MAINTENANCE/REPAIR

- 3.1 SBC MISSOURI shall provide maintenance and repair functions (including testing and surveillance for applicable services) for Resale Services, UNE, and number portability purchased by TCG-KC, and shall provide electronic Interfaces to permit TCG-KC to place trouble reports and receive maintenance status updates. Each Party shall make maintenance progress reports and status of repair efforts available to the other Party.
- 3.2 In the event SBC MISSOURI misses a scheduled repair appointment on behalf of TCG-KC, SBC MISSOURI will notify TCG-KC via the electronic Interface used to place the trouble report, in parity with notice provided to its own retail end users.
- 3.3 SBC MISSOURI shall provide repair services to TCG-KC for TCG-KC end users that are equal in quality to that which it provides to its own retail end users. Trouble calls from TCG-KC shall receive response time priority that is at least equal in quality to that of SBC MISSOURI retail end users and shall be handled on a "first come first served" basis regardless of whether the end user is an TCG-KC end user or a SBC MISSOURI end user.
- 3.4 For Resale Services and UNEs provided to TCG-KC under this Agreement, SBC MISSOURI shall provide TCG-KC with the same scheduled and non-scheduled maintenance, including, without limitation, required and recommended maintenance intervals and procedures that SBC MISSOURI currently provides for the maintenance of its own network. SBC MISSOURI shall provide TCG-KC at least ten (10) business days advance notice of any scheduled maintenance activity which will impact TCG-KC end users. Scheduled maintenance shall include, without limitation, such activities as switch software retrofits, power tests, and major equipment replacements. Nothing in this Agreement shall limit either Party's ability to upgrade its network through the incorporation of new equipment, new software or otherwise.

- 3.5 For Resale Services and UNEs provided to TCG-KC under this Agreement, SBC MISSOURI shall advise TCG-KC of non-scheduled maintenance, testing, monitoring, and surveillance activity to be performed by SBC MISSOURI on any service, including, without limitation, any hardware, equipment, software, or system providing service functionality which may potentially impact TCG-KC end users. SBC MISSOURI shall provide the maximum advance notice of such non-scheduled maintenance and testing activity possible, under the circumstances; provided, however, that SBC MISSOURI shall provide emergency maintenance as promptly as possible to maintain or restore service and shall advise TCG-KC promptly of any such actions it takes.
- 3.6 SBC MISSOURI shall provide TCG-KC with a detailed description of any and all emergency restoration plans and disaster recovery plans, however denominated, which are in place during the term of this Agreement. Such plans shall include, at a minimum, the following: (i) procedures for prompt notification to TCG-KC of the existence, location, and source of any emergency network outage potentially affecting an TCG-KC end user; (ii) establishment of a single point of contact responsible for initiating and coordinating the restoration of all services; (iii) methods and procedures to provide TCG-KC with real-time access to information relating to the status of restoration efforts and problem resolution during the restoration process; (iv) in the event that temporary restoration methods are employed to restore service under an emergency condition, SBC MISSOURI will advise TCG-KC on what methods and procedures will be utilized for a permanent resolution; (v) equal priority, as between TCG-KC end users and SBC MISSOURI end users, for restoration efforts, consistent with FCC service restoration guidelines, including, without limitation, deployment of repair personnel, and access to spare parts and components; and (vi) a mutually agreeable process for escalation of maintenance problems, including a complete, up-to-date list of responsible contacts, each available twenty-four (24) hours per day, seven (7) days per week. Said plans shall be modified and updated as needed.
- 3.7 Each Party shall establish mutually acceptable methods and procedures for referring callers to the Toll Free number supplied by the other Party for purposes of receiving misdirected calls from customers requesting repair.
- 3.8 Maintenance charges for premises visits by SBC MISSOURI technicians shall be billed by SBC MISSOURI to TCG-KC and not by SBC MISSOURI to TCG-KC's end user. All forms, business cards or other materials furnished by SBC MISSOURI's technicians to TCG-KC end users will contain no brand. If the TCG-KC end user is not at home when the SBC MISSOURI technician arrives, the SBC MISSOURI technician shall leave on the premises "not-at-home" cards that are unbranded but include the contact number for TCG-KC, pursuant to Attachment 27, Section 3.14. The SBC MISSOURI technician will not leave on the premises a SBC MISSOURI-branded "not-at-home" card.

4.0 LOCAL ACCOUNT MAINTENANCE

- 4.1 To the extent permitted by state law, SBC MISSOURI shall make account local service provider change prohibited (LSCP) available for TCG-KC's end users (for which TCG-KC purchases resale services from SBC MISSOURI) on a basis that is at least equal in kind and quality to the local service provider freezes it provides to its end users.

5.0 CHANGE IN SERVICE PROVIDER

- 5.1 If an end user notifies SBC MISSOURI or TCG-KC that the end user requests local exchange service from such Party, the Party receiving such request shall be free to immediately provide service to such end user and to use any CPNI of such end user in its possession to provide such service. The currently serving Party shall release customer-specific facilities in accordance with the end user's direction or that of the end user's authorized agent.
- 5.2 When an TCG-KC end user (for which TCG-KC purchases resale services or UNEs from SBC MISSOURI) changes or withdraws authorization to provide service, TCG-KC shall provide, upon request by SBC MISSOURI, necessary pre-order information to facilitate the prompt release of end user-specific facilities in accordance with the end user's direction. If the account has a local freeze, TCG-KC will release the preorder information to a new service provider or an end user's authorized agent upon the removal of the freeze by the end user. Such pre-order information, provided via TCG-KC Customer Service Record or some other mutually agreed-upon method, shall include the SBC MISSOURI telephone number (or, if none, the end user's circuit ID), SBC MISSOURI billing account number and any services or features, including listings. The Party or other agent authorized to commence service for such end user shall be free to re-use the facilities and issue service orders or Local Service Requests ("LSRs") as required to commence such service and discontinue prior service.

6.0 RESERVATION OF RIGHTS/INTERVENING LAW

- 6.1 The Parties acknowledge and agree that the intervening law language set forth in Section 3 of the General Terms and Conditions of this Agreement shall apply to all the rates, terms and conditions set forth in this Attachment.

ATTACHMENT 28: COMPREHENSIVE BILLING ATTACHMENT-MO

1.0 Introduction

- 1.1 This Attachment sets forth the terms and conditions on which the Parties shall bill all charges the Parties incur under the Interconnection Agreement – Missouri between Southwestern Bell Telephone Company, L.P. and TCG Kansas City. This Attachment 28 – Comprehensive Billing Attachment shall be added to the Agreement and, where the terms and conditions of this Attachment differ from provisions in the Agreement, the terms and conditions of this Attachment shall govern; provided, however that any differing provisions in the attachment(s) to this Agreement pertaining to collocation and to access to and use of space on or in poles, conduits or rights-of-way shall govern over this Attachment for the charges, functions and/or services subject thereto.
- 1.2 Charges for the relevant services billed under this Attachment are included in the Appendices applicable to the particular service.

2.0 Billing Information and Charges

- 2.1 SBC MISSOURI will bill in accordance with this Agreement those charges TCG-KC incurs under this Attachment; e.g., charges for Resale services, Network Elements, Ancillary Services, and Interconnection. Each bill will be formatted in accordance with CABS for charges for Network Elements ordered by TCG-KC, as well as for Reciprocal Compensation (as prescribed in Section 3.6 of Attachment 12, Reciprocal Compensation), or in accordance with Customer Records Information System (CRIS) format for Resale services. If there are no industry-standard billing formats for the billing of another service provided under this Agreement, the billing format for such service will be determined by mutual agreement of the Parties. SBC MISSOURI shall provide information on the invoices for each Billing Account Number (BAN) sufficient to enable TCG-KC to identify for the Resale services or Network Elements being billed, the type of service ordered by TCG-KC and the usage to which the billed charges apply. Each CRIS bill, including Auxiliary Service Information, will set forth the quantity and description of Resale services provided and billed to TCG-KC. Each CABS bill will include a Customer Service Record (CSR) and will set forth (a) the quantity and description of each Network Element provided to TCG-KC or (b) the usage and applicable rates billed for Reciprocal Compensation.
- 2.1.1 SBC MISSOURI agrees to accept, process and pay all bill invoices submitted by TCG-KC that are not CABS-compliant until such time as TCG-KC completes the conversion of the paper bill process in use as of April 1, 2000 to a CABS compliant process. TCG-KC shall use its reasonable best efforts to complete this conversion by January 1, 2001.
- 2.2 SBC MISSOURI will provide TCG-KC a monthly bill that includes all charges incurred by and credits and/or adjustments due to TCG-KC pursuant to this Agreement. Each bill provided by SBC MISSOURI to TCG-KC will include: (1) all non-usage sensitive charges incurred for the period beginning with the day after the current bill date and extending to, and including, the next bill date,

(2) any known unbilled non-usage sensitive charges for prior periods, providing they shall not exceed the periods set forth in Section 2.3 below, (3) unbilled usage sensitive charges for the period beginning with the last bill date and extending up to, but not including, the current bill date, (4) any known unbilled usage sensitive charges for prior periods, providing they shall not exceed the periods set forth in Section 2.3 below, and (5) any known unbilled adjustments, providing they shall not exceed the periods set forth in Section 2.3 below, and (6) any Customer Service Record (CSR) for all recurring flat-rated charges.

- 2.3 SBC MISSOURI may send bills to TCG-KC containing amounts found to be unbilled or underbilled ("Backbill(s)"), as follows:
- 2.3.1 Except as provided in section 2.3.5 below, for erroneous failure to bill or underbilling of any charges incurred by TCG-KC under this Agreement, SBC MISSOURI may submit a Backbill to TCG-KC for charges incurred by TCG-KC up to 120 days prior to the Backbill date. For the purposes of this Section 2.3, charges shall be deemed incurred (i) for services charged on a usage-sensitive basis, upon the recording of such usage and (ii) for all other services, upon the first day of the billing cycle in which TCG-KC used such service; or
- 2.3.2 For failure to bill or underbilling where data exchange with third party carriers is required, SBC MISSOURI may submit a Backbill to TCG-KC for charges incurred by TCG-KC up to 120 days prior to the Backbill date; or
- 2.3.3 Where SBC MISSOURI is required by regulatory agencies, arbitrators, courts, or legislatures to implement new pricing structures, SBC MISSOURI may submit to TCG-KC, up to 120 days after the implementation date required in the regulatory action, the date of the final, non-appealable arbitration or order, or the effective date of the legislation or tariff (each such date hereinafter referred to as a "Governmental Requirement Date"), a Backbill for charges incurred by TCG-KC as a result of, and since the applicable Governmental Requirement Date; or
- 2.3.4 SBC MISSOURI will exert commercially reasonable efforts not to send Backbills for CRIS-billed charges, and will use its best efforts not to send Backbills for CABS/BOS-billed charges, outside the time periods defined in Section 2.3.1 through 2.3.3, above. In any event, except as provided in Section 2.3.5 below, TCG-KC will not be liable for charges contained in Backbills that are sent outside the time periods defined in Section 2.3.1 through Section 2.3.3.
- 2.3.5 SBC MISSOURI may send Backbills outside of the time periods defined in Section 2.3.1 through Section 2.3.3, but otherwise subject to the limitations in this Agreement applicable to billing disputes, for charges incurred by TCG-KC where the failure to bill or underbilling is caused solely by the acts, failure or refusal to act, errors or omissions of TCG-KC, and TCG-KC shall be liable for such Backbilled charges. Where such failure to bill or underbilling is caused in part by TCG-KC and in part by SBC MISSOURI, the Parties may agree upon other time periods for Backbilling.
- 2.3.6 Where the billing Party identifies credits owed to the billed Party as a result of a billing error, the billing Party must disclose the credit amount owed to the billed Party within ten (10) business days

of when the credit amount is calculated and apply a credit for charges incurred by the billed Party in the second bill issued after such calculation. Calculations for such credit adjustments will be consistent with the "backbilling" terms identified in Sections 2.3 through 2.3.5 above. In addition, if the cause of such credits continues to exist after the date the first such credit is applied, the billing Party shall also provide credits prospectively to adjust for such cause until the cause of such credits is removed and corrected. These prospective credits must be made within two billing cycles after each bill containing billing errors is issued.

- 2.3.7 Backbilling must be performed consistent with the terms and conditions of the interconnection agreement effective at the time the backbill is rendered.
- 2.4 Each Party will provide the other Party at no additional charge a contact person for the handling of any billing questions or problems, including those arising from the Official Bill, that may arise during the implementation and performance of the terms and conditions of this Attachment.
- 2.4.1 Official Bill is the bill sent by the billing Party in a mechanized format and paper bills are "official" only when the established billing for a service is not in a mechanized format.
- 2.5 For CABS-billed services, SBC MISSOURI will assign to TCG-KC a separate Billing Account Number (BAN) per each type of service (e.g., connectivity) per LATA.
- 2.6 For Resale services, SBC MISSOURI will assign to TCG-KC a separate BAN per Regional Accounting Office (RAO) for consumer or residential and a separate BAN per RAO for business.

3.0 Issuance of Bills

- 3.1 The Parties will issue all bills in accordance with the terms and conditions set forth in this Section. Each Party will establish monthly billing dates (Bill Date) for each BAN, which Bill Date will be the same day month to month. Each BAN will be provided in 13 alpha/numeric characters and will remain constant from month to month, unless changed as agreed to by the Parties. Each Party will provide the other Party at least thirty (30) calendar days written notice prior to changing, adding or deleting a BAN. As applicable to CABS, each Party will provide one invoice associated with each BAN. Each invoice must contain an invoice number (which will vary from month to month). All bills must be received by TCG-KC no later than ten (10) calendar days from Bill Date and at least twenty (20) calendar days prior to the payment due date (as described in this Attachment), whichever is earlier. Any bill received on a Saturday, Sunday or a day designated as a holiday by the Chase Manhattan Bank of New York (or such other bank as the Parties may agree) will be deemed received the next business day. If either Party fails to receive billing data and information within the time period specified above, the payment due date will be extended by the number of days the bill is late.
- 3.2 All bills in CABS format, shall contain billing data and information in accordance with CABS Version 31.0 or such later versions of CABS as are published by Telcordia Technologies, Inc., or its successor. To the extent that there are no CABS standards governing the formatting of certain

data, such data will be issued in the format mutually agreed by the Parties by thirty (30) days after the Effective Date of the Agreement.

- 3.3 If either Party requests an additional copy(ies) of a bill, the requesting Party will pay the other Party a reasonable fee per additional copy(ies), unless such copy(ies) was requested due to errors, omission or corrections, or the failure of the original transmission to comply with the specifications set forth in this Attachment.
- 3.4 To avoid transmission failures or the receipt of billing information that cannot be processed, the Parties will provide each other with their respective process specifications and edit requirements. The Parties will provide one another reasonable (within 3 business days) notice if a billing transmission is received that does not meet the specifications in this Attachment. Such transmission will be corrected and resubmitted to the billed Party, at the billing Party's sole expense, in a form that meets the specifications. The payment due date for such resubmitted transmissions will be twenty (20) days from the date that the transmission is received in a form that can be processed and that meets the specifications set forth in this Attachment.

4.0 Electronic Transmissions

- 4.1 At TCG-KC's request, SBC MISSOURI will transmit billing information and data via Connect:Direct (formerly known as Network Data Mover) to TCG-KC at the location specified by TCG-KC. The Parties agree that a T1.5 or 56kb circuit to Gateway for Connect:Direct is required. TCG-KC data centers will be responsible for originating the calls for data transmission via switched 56kb or T1.5 lines. If SBC MISSOURI has an established Connect:Direct link with TCG-KC, that link can be used for data transmission if the location and applications are the same for the existing link. Otherwise, a new link for data transmission must be established. When electronic transmission is established by mutual agreement, SBC MISSOURI must provide TCG-KC/Alpharetta its Connect:Direct Node ID and corresponding VTAM APPL ID before the first transmission of data via Connect:Direct. TCG-KC's Connect:Direct Node ID is "NDMATTA4" and VTAM APPL ID is "NDMATTA4" and must be included in SBC MISSOURI's Connect:Direct software. TCG-KC will supply to SBC MISSOURI its RACF ID and password before the first transmission of data via Connect:Direct. Any changes to either Party's Connect:Direct Node ID must be sent to the other Party no later than twenty-one (21) calendar days before the changes take effect.
- 4.2 The following dataset format will be used as applicable for those charges transmitted via Connect:Direct in CABS format:

Production Dataset

AF25.AXXXXYYY.AZZZ.DDDEE	Production Dataset Name
AF25 =	Job Naming Convention
AXXXX =	Numeric Company Code
YYY =	SBC MISSOURI Remote
AZZZ =	RAO (Revenue Accounting Office)
DDD =	BDT (Billing Data Tape with or without CSR) Or CSR (Customer Service Record)
EE =	thru 31 (Bill Period) (optional) Or GA (US Postal-State Code)

Test Dataset

AF25.ATEST.AXXXX.DDD	Test Dataset Name
AF25.ATEST =	Job Naming Convention
AXXXX =	Numeric Company Code
DDD =	BDT (Billing Data Tape with or without CSR) Or CSR (Customer Service Record)

5.0 Tape Or Paper Transmissions

- 5.1 In the event either Party does not have Connect:Direct capabilities upon the effective date of this Agreement, such Party agrees to establish Connect:Direct transmission capabilities with the other Party within the time period mutually agreed and at the establishing Party's expense. Until such time, the Parties will transmit billing information to each other via magnetic tape or paper (as agreed to by TCG-KC and SBC MISSOURI). Billing information and data contained on magnetic tapes or paper for payment will be sent to the Parties at the locations below, unless other locations are designated by the respective Party. The Parties acknowledge that all tapes transmitted to the other Party via US Mail or Overnight Delivery and which contain billing data will not be returned to the sending Party.

	TO TCG-KC	TO SBC MISSOURI
Tape Transmissions via U.S. Mail:	TCG-KC 300 North Point Parkway FLOC 217M01 Alpharetta, Georgia 30005 Attn: AC&R Access Bill Coordinator	Southwestern Bell Telephone ATTN: AMA Unit 9051 Park West, Room 2242 Houston, Texas 77063
Tape Transmissions via Overnight Delivery:	TCG-KC 500 North Point Parkway FLOC B1404 Alpharetta, Georgia 30005 Attn: AC&R Access Bill Coordinator	Southwestern Bell Telephone ATTN: AMA Unit 9051 Park West, Room 2242 Houston, Texas 77063
Paper Transmissions via U.S. Mail:	TCG-KC Caller Service 6908 Alpharetta, Georgia 30009 Attn: AC&R Access Bill Coordinator	Southwestern Bell Telephone ATTN: Rebecca Thompson One Bell Center Rm 32-A-12 St. Louis, MO 63101
Paper Transmissions via Overnight Delivery:	TCG-KC 500 North Point Parkway FLOC B1404 Alpharetta, Georgia 30005 Attn: AC&R Access Bill Coordinator	Southwestern Bell Telephone ATTN: Rebecca Thompson One Bell Center Rm 32-A-12 St Louis, MO 63101

- 5.2 Each Party will adhere to tape packaging practices that will prevent data damage.
- 5.3 All billing data transmitted via tape must be provided on a cartridge (cassette) tape and must be of high quality, conform to the Parties' record and label standards, 9-track, odd parity, 6250 BPI, group coded recording mode and extended binary-coded decimal interchange code ("EBCDIC"). Each reel of tape must be 100% tested at 20% or better "clipping" level with full width certification and permanent error free at final inspection. TCG-KC reserves the right to destroy a tape that has been determined to have unrecoverable errors. TCG-KC also reserves the right to replace a tape with one of equal or better quality.

- 5.4 For CABS, billing data tapes shall have the following record and label standards. The dataset serial number on the first header record of an IBM standard tape label also shall have the following format.

	CABS BOS	SECAB
Record Length	225 bytes (fixed length)	250 bytes (fixed length)
Blocking factor	84 records per block	84 records per block
Block size	18,900 bytes per block	18,900 bytes per block
Labels	Standard IBM Operating System	Standard IBM Operating System

- 5.5 A single 6-digit serial number must appear on the external (flat) surface of the tape for visual identification. This number shall also appear in the "dataset serial number field" of the first header record of the IBM standard tape label. This serial number shall consist of the character "V" followed by the reporting location's four digit Originating Company Code and a numeric character chosen by the sending company. The external and internal label shall be the same. The dataset name shall appear on the flat side of the reel and also in the "data set name field" on the first header record of the IBM standard tape label. LEC's name, address, and contact shall appear on the flat side of the cartridge or reel.

- 5.6 Billing tape labels will conform to the following OBF standards, as the same may change from time to time. Tape labels shall conform to IBM OS/VS Operating System Standards contained in the IBM Standard Labels Manual (GC26-3795-3). IBM standard labels are 80-character records recorded in EBCDIC, odd parity. The first four characters identify the labels:

Volume 1	Volume label
HDR1 and HDR2	Data set header labels
EOV1 and EOV2	Data set trailer labels (end-of-volume for multi-reel files)
EOF1 and EOF2	Data set trailer labels (end-of-data-set)

The HDR1, EOV1, and EOF1 labels use the same format and the HDR2, EOV2, and EOF2 labels use the same format.

6.0 Testing Requirements

- 6.1 At least 90 days prior to either Party sending a mechanized CABS bill for the first time via electronic transmission, or tape; or at least 30 days prior to either party changing mechanized formats; or at least 90 days prior to either party changing transmission mediums (e.g., from paper to mechanized), the billing Party will send bill data in the mechanized format according to this Attachment, for testing to ensure that the bills can be processed and that the bills comply with the requirements of this Attachment. SBC MISSOURI shall also provide to TCG-KC's Company Manager, located at 500 North Point Parkway, FLOC B1104B, Alpharetta, Georgia 30302, the LEC's originating or state level company code so that it may be added to TCG-KC's internal tables at least thirty (30) calendar days prior to testing or a change in the LEC's originating or state level

company code. TCG-KC will notify SBC MISSOURI within the time period agreed to by the Parties if billing transmission testing fails to meet CABS/BOS specifications. SBC MISSOURI shall make the necessary corrections within the time period agreed to with TCG-KC to ensure that billing transmissions testing meet CABS/BOS specifications. SBC MISSOURI shall not send TCG-KC a mechanized CABS bill for Network Elements (except for testing) until such bills meet CABS/BOS specifications

- 6.2 After receipt of the test data the Party receiving the data will notify the Party sending the data if the billing transmission meets testing specifications. If the transmission fails to meet the agreed testing specifications, the Party sending the data will make the necessary corrections. At least three (3) sets of testing data must meet the mutually agreed testing specifications prior to either Party sending a mechanized production bill for the first time via electronic transmission. Thereafter, the billing Party may begin sending the billed Party mechanized production bills on the next Bill Date, or within ten (10) days, whichever is later.
- 6.3 For Resale services, during the testing period, SBC MISSOURI shall transmit to TCG-KC Connectivity Billing data and information via paper transmission. Test tapes shall be sent to TCG-KC at the following location:

Test Tapes:	TCG-KC 500 North Point Parkway FLOC B1104B Alpharetta, Georgia 30005 Attn: Access Bill Testing Coordinator
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7.0 Additional Requirements

- 7.1 If SBC MISSOURI transmits data in a mechanized format, SBC MISSOURI will comply with the following specifications which are not contained in CABS or EDI/BOS guidelines but which are necessary for TCG-KC to process billing information and data:
- (a) The BAN will not contain embedded spaces or low values.
 - (b) The Bill Date will not contain spaces or non-numeric values.
 - (c) Each bill must contain at least one detail record.
 - (d) Any "From" Date should be less than the associated "Thru" Date and neither date can contain spaces.
 - (e) The invoice number must not have embedded spaces or low values.

8.0 Bill Accuracy Certification

- 8.1 The Parties agree that in order to ensure the proper performance and integrity of the entire billing process, SBC MISSOURI will be responsible and accountable for transmitting to TCG-KC an

accurate and current bill. For the purposes of this Agreement, SBC MISSOURI agrees to implement control mechanisms and procedures to render a bill that accurately reflects the services ordered and used by TCG-KC under this Agreement. Accordingly, at TCG-KC's option on a connectivity by connectivity basis, TCG-KC and SBC MISSOURI agree for the purposes of this Agreement to jointly develop a process and methodology for bill certification.

9.0 Meetpoint Billing – Facilities Based

- 9.1 TCG-KC and SBC MISSOURI will establish and maintain meet-point billing (MPB) arrangements in accordance with the Meet Point Billing guidelines adopted by and contained in the OBF's MECAB and MECOD documents, except as modified herein. Each Party will maintain provisions in its respective federal and state access tariffs, and/or provisions within the National Exchange Carrier Association (NECA) Tariff No. 4, or any successor tariff to reflect the MPB arrangements identified in this Agreement, including MPB percentages.
- 9.2 TCG-KC and SBC MISSOURI will implement the Multiple Bill/Single Tariff option. 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.
- 9.4 SBC MISSOURI and TCG-KC will record and transmit MPB information in accordance with the standards and in the format set forth in this Attachment. SBC MISSOURI and TCG-KC will coordinate and exchange the billing account reference (BAR) and billing account cross reference (BACR) numbers for the MPB arrangements described in this Agreement. Each Party will notify the other if the level of billing or other BAR/BACR elements change, resulting in a new BAR/BACR number.
- 9.5 This Section Intentionally Left Blank.
- 9.6 Each Party will provide access usage records ("AURs") to the other Party within ten (10) business days of the recording. The initial billing company will provide the summary usage records (SURs) to the subsequent billing company within ten (10) business days of sending initial billing company bills to the IXC. Neither Party will compensate the other for this record exchange. The details of record exchange are set forth in Attachment 24: Recording.
- 9.6.1 The subsequent billing company will provide the initial billing company with the Switched Access Detail Usage Data (category 1101XX records) on magnetic tape or via such other media as the Parties may agree to, no later than ten (10) business days after the date the usage occurred. The subsequent billing company will send such data to the location specified by the initial billing company.
- 9.6.2 The initial billing company will provide the subsequent billing company with the Switched Access Summary Usage Data (category 1150XX records) on magnetic tape or via such other media as the Parties may agree to, no later than ten (10) business days after the date of its rendering of the bill

to the relevant IXC, which bill shall be rendered no less frequently than monthly. The initial billing company will send such data to the location specified by the subsequent billing company.

- 9.7 Each Party agrees to provide the other Party with notification of any discovered errors within ten (10) business days of the discovery. The appropriate Party will correct the error within sixty (60) calendar days of notification and resubmit the data. In the event the errors cannot be corrected within the time period specified above, the erroneous data will be considered lost. If either Party fails to provide meet point billing data required under Section 9 of this Attachment due to loss, uncorrectable errors or otherwise, the provisions of Sections 5.3 and 5.4 of Attachment 24 ("Recording"), applicable to SBC MISSOURI shall apply for the purposes of this Section, to the Party failing to provide the Meet Point Billing data, and shall govern that Party's liability for the lost, damaged or destroyed billing data. The foregoing shall not limit SBC MISSOURI's obligations, if any, under the Attachment pertaining to performance measures/remedies.
- 9.8 Both Parties will provide the other a single point of contact to handle any MPB questions and will not charge for billing inquiries.

10.0 Mutual Compensation

- 10.1 The Parties will bill each other reciprocal compensation in accordance with the standards and record exchange requirements set forth in this Agreement at Attachment 12: Compensation and in accordance with this Section 10.
- 10.2 Billing for mutual compensation will be provided in accordance with mutually agreed to CABS data content via current industry processes for mutual compensation. This is described in Section 3.2, preceding.
- 10.3 Where a procedure has not already been set forth in this Attachment, the Parties will work cooperatively to establish, not later than thirty (30) days after the Effective Date of Attachment, a method of billing, collecting and remitting for local charges which are billed and collected by one Party but earned by the other Party.
- 10.4 When TCG-KC is a local switch network element customer of SBC MISSOURI, SBC MISSOURI will calculate a third party switch originated mutual compensation statewide average revenue per access line which will be multiplied by TCG-KC's switch port count to arrive at TCG-KC's compensation for terminating traffic originated from a third party. SBC MISSOURI will calculate each month's statewide average revenue/access line using that month's mutual compensation summary data and apply to each TCG-KC switch port in service to arrive at that month's compensation.
- 10.5 When TCG-KC is a local switch network element customer of SBC MISSOURI, provision of records by SBC MISSOURI for mutual compensation will be as specified in the Southwestern Bell Resale/Unbundled Network Elements Usage Extract User Guide dated April 12, 2000, or as otherwise agreed to by the Parties.

11.0 Payment of Charges

- 11.1 Each Party will pay bills applicable to this Agreement as set forth in Section 8 of the General Terms and Conditions. Sections 8 and 9 of the General Terms and Conditions shall apply to billing disputes. Billing disputes and any rights of termination or disconnection relevant to non-payment of charges shall be governed by Sections 8, 9 and 10 of the General Terms and Conditions.

12.0 Examination of Records

- 12.1 Without waiver of and in addition to either Party's rights and obligations set forth in Section 32 (Verification Reviews) of the General Terms and Conditions of the Agreement, upon reasonable notice and at reasonable times and in accordance with the Certification Agreement mutually developed out of Section 8 to this Attachment, TCG-KC or its authorized representatives may examine SBC MISSOURI's documents, systems, records and procedures which relate to the billing of the charges under this Attachment.

13.0 Customer Usage Data - Introduction

- 13.1 This Section Customer Usage Data sets forth the terms and conditions for SBC MISSOURI's provision of usage data (as defined in this Attachment) to TCG-KC. Usage Data will be provided by SBC MISSOURI to TCG-KC when TCG-KC purchases Network Elements or Resale services from SBC MISSOURI.

14.0 General Requirements for Customer Usage Data

- 14.1 SBC MISSOURI's provision of Usage Data to TCG-KC will be in accordance with the Performance Metrics to be developed by TCG-KC and SBC MISSOURI during and as part of the implementation and testing process. SBC MISSOURI's performance based on such Performance Metrics will begin to be measured and reported at the time TCG-KC begins providing local service to customers, but SBC MISSOURI's provision of Usage Data will not be required to meet such Performance Metrics until six (6) months after TCG-KC begins providing local services to customers
- 14.2 SBC MISSOURI will retain Usage Data as specified in the Southwestern Bell Resale/Unbundled Network Elements Usage Extract User Guide dated April 12, 2000, or as otherwise agreed to by the Parties, subject to applicable laws and regulations.

15.0 Customer Usage Data Specifications

- 15.1 SBC MISSOURI will provide all usage data for TCG-KC's customers using the SBC MISSOURI-provided Network Element(s) or Resale services. Usage Data includes, but is not limited to, the following categories of information:

- completed calls;
- use of CLASS/LASS/Custom Features;
- calls to information providers reached via SBC MISSOURI facilities and contracted by SBC MISSOURI;

- calls to directory assistance where SBC MISSOURI provides such service to a TCG-KC customer;
- calls completed via SBC MISSOURI-provided operator services where SBC MISSOURI provides such service to TCG-KC's local service customer;
- records will include complete call detail and complete timing information for Network Elements and Resale services;
- Station-level detail for SBC MISSOURI-provided CENTREX and PLEXAR families of services for Resale services.

SBC MISSOURI will provide Usage Data for completed calls only for Network Elements that SBC MISSOURI records (e.g., unbundled local switching, but not loops). SBC MISSOURI will provide Usage Data for completed calls for Resale services offerings that SBC MISSOURI records for itself (e.g., Local Measured Service.)

- 15.2 SBC MISSOURI will provide to TCG-KC Usage Data for TCG-KC customers only. SBC MISSOURI will not submit other carrier local usage data as part of the TCG-KC Usage Data.

16.0 Customer Usage Data Format

- 16.1 SBC MISSOURI will provide Usage Data in the OBF Exchange Message Interface (EMI) format and by category, group and record type, as specified in the Southwestern Bell Resale/Unbundled Network Elements Usage Extract User Guide dated April 12, 2000, or as otherwise agreed to by the Parties
- 16.2 SBC MISSOURI will include the Working Telephone Number (WTN) of the call originator on each EMI call record.
- 16.3 End user customer usage records and station level detail records will be in packs in accordance with EMI standards.
- 16.4 For Resale services, SBC MISSOURI will daily provide TCG-KC with daily recordings which will permit it to render end user bills. For Network Elements only, SBC MISSOURI will daily provide TCG-KC with daily recordings which will permit it to render end user bills and interLATA and intraLATA access bills. All recordings pursuant to this Section will be as specified in the Southwestern Bell Resale/Unbundled Network Elements Usage Extract User Guide dated April 12, 2000, or as otherwise agreed to by the Parties.

- 16.4.1 For the transmissions of such records, TCG-KC will pay to SBC MISSOURI a per record charge at the rate for "Provision of Message Detail Per Record" reflected in the Appendix Pricing UNE Schedule of Prices of three tenths of one cent (\$.003).

17.0 Usage Data Reporting Requirements

- 17.1 SBC MISSOURI will segregate and organize the Usage Data in a manner agreeable to both Parties.
- 17.2 SBC MISSOURI will provide segregated Usage Data to TCG-KC locations as agreed to by the Parties.
- 17.3 SBC MISSOURI will transmit formatted Usage Data to TCG-KC over Network Data Mover Network using CONNECT: Direct protocol, or otherwise agreed to by the Parties.
- 17.4 TCG-KC and SBC MISSOURI will test and certify the CONNECT: Direct interface to ensure the accurate transmission of Usage Data.
- 17.5. SBC MISSOURI will provide Usage Data to TCG-KC daily (Monday through Friday) on a daily time schedule to be determined by the parties.
- 17.6 SBC MISSOURI will establish a single point of contact to respond to TCG-KC call usage, data error, and record transmission inquiries.
- 17.7 Changes to the Usage Data EMI format, content, and transmission processes will be tested prior to implementation as mutually agreed by both Parties.

18.0 Local Account Maintenance –Network Elements

- 18.1 When TCG-KC purchases certain Network Elements from SBC MISSOURI, SBC MISSOURI will provide TCG-KC with Local Account Maintenance. When SBC MISSOURI is acting as the switch provider for TCG-KC, where TCG-KC is employing Network Elements to provide local service, SBC MISSOURI will notify TCG-KC whenever the local service customer disconnects switch port (e.g., WTN) service from local service customer discounts switch port (e.g., WTN) service from TCG-KC to another local service provider. SBC MISSOURI will provide this notification via a mutually agreeable 4-digit Local Use Transaction Code Status Indicator (TCSI) that will indicate the retail customer is terminating local service with TCG-KC. SBC MISSOURI will transmit the notification, via the Network Data Mover Network using the CONNECT:Direct protocol, within five (5) days of SBC MISSOURI reprovisioning the switch. The TCSI, sent by SBC MISSOURI, will be in the 960 byte industry standard CARE record format. TCG-KC will pay to SBC MISSOURI a per transaction charge of three tenths of one cent (\$0.003) for SBC MISSOURI's transmission of the change notification at the rate for "Provision of Message Detail Per Record" established in the Appendix Pricing UNE Schedule of Prices.

- 18.2 SBC MISSOURI will accept account changes that affect only the pre-subscribed intraLATA and/or interLATA toll provider (PIC) through the following procedure: SBC MISSOURI will accept an LD "PIC Only" Change via the service Order feed to provision the LD change in SBC MISSOURI's network. SBC MISSOURI will convey the confirmation of the "PIC Only" change via the Work Order Completion feed. In addition, SBC MISSOURI will reject, via the industry standard CARE Record 3148, any Interexchange Carrier initiated change of the Primary Interexchange Carrier (PIC), where SBC MISSOURI is the switch provider either for the retail local services of SBC MISSOURI that TCG-KC resells or Network Elements of SBC MISSOURI that TCG-KC employs in providing service.
- 18.3 These procedures are in addition to Service Order Procedures set forth in Attachment 27: OSS. SBC MISSOURI will meet the Local Account Maintenance requirements set out in TCG-KC, Unbundled Network Element: Interconnection Interface Requirements, "Account Maintenance," version 1.0 (September 19, 1996), as updated or as the Parties may otherwise agree.
- 19.0 **Alternate Billed Calls**
- 19.1 Alternately Billed Calls – UNE-P
- 19.1.1 Alternately Billed Service ("ABS") is 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. The billing and compensation of UNE-P ABS calls exchanged between TCG-KC and SBC are governed by a separate 13-state UNE-P ABS Agreement ("ABS Agreement"). CLECs which adopt TCG-KC's Interconnection Agreement pursuant to 252(i) of the Act, must also adopt the ABS Agreement which is legitimately related to TCG-KC's Interconnection Agreement.
- 19.1.2 The Parties agree that the ABS Agreement will supersede, replace and modify any applicable provisions governing the subjects of the ABS Agreement currently contained in this Agreement, including specifically Section 19 as it existed prior to the execution of the ABS Agreement. Any inconsistencies between the provisions of the ABS Agreement and a corresponding provision of the underlying ICA will be governed by the provisions of the ABS Agreement, unless the ABS Agreement itself is specifically and expressly superseded by a future, different ABS Agreement between the Parties.
- 19.1.3 The Parties further agree that the language in 19.1.1 above shall be included in any future successor or replacement to this Agreement entered into between the Parties up to August 1, 2004 whether negotiated, arbitrated, or arrived at through the exercise of Section 252(i) "Most Favored Nation" (MFN) rights:
- 19.1.4 The Parties agree that the ABS Agreement shall have an independent term of existence commencing effective as of May 1, 2003 and expiring on August 1, 2004, but THAT IT SHALL NOT MODIFY OR EXTEND THE EFFECTIVE DATE OR TERM OF THE UNDERLYING

INTERCONNECTION AGREEMENT OR OTHERWISE AFFECT THE NEGOTIATION AND/OR ARBITRATION OF SUCCESSOR AGREEMENTS BETWEEN THE PARTIES IN THESE STATES.

19.2 Alternately Billed Calls - Resale Services

19.2.1 Calls that are placed using the services of SBC MISSOURI or another LEC or LSP and billed to a Resale service line of TCG-KC are called "Incollects." Calls that are placed using a TCG-KC Resale service line and billed to an SBC MISSOURI line or other LEC or LSP are called "Outcollects."

19.2.2 Outcollects: SBC MISSOURI will provide to TCG-KC the unrated message detail that originates from a TCG-KC subscriber line but which is billed to a telephone number other than the originating number (e.g., calling card, bill-to-third number, etc.). SBC MISSOURI has agreed to transmit such data on a daily basis. TCG-KC as the Local Service Provider ("LSP") will be deemed the earning company and will be responsible for rating the message at TCG-KC tariffed rates and TCG-KC will be responsible for providing the billing message detail to the billing company for end user billing. TCG-KC will be compensated by the billing company for the revenue it is due. A per-message charge for SBC MISSOURI's transmission of Outcollect messages to TCG-KC is applicable, and SBC MISSOURI will bill TCG-KC for the transmission charge set forth in the Pricing Schedule. In addition, TCG-KC will compensate SBC MISSOURI for the receipt of the IntraLATA toll message.

19.2.3 Incollects: For messages that originate from a number other than the billing number and that are billable to TCG-KC customers ("Incollects"), SBC MISSOURI will provide the rated messages it receives from the CMDS1 network or which SBC MISSOURI records (non-ICS) to TCG-KC for billing to TCG-KC's end-users. SBC MISSOURI will transmit such data on a daily basis. SBC MISSOURI will credit TCG-KC the Billing and Collection ("B&C") fee set forth in the Pricing Schedule for billing the Incollects. TCG-KC and SBC MISSOURI have stipulated that a per message charge for SBC MISSOURI's transmission of Incollect messages to TCG-KC is applicable, and SBC MISSOURI will bill TCG-KC for the transmission charge set forth in the Pricing Schedule.

20.0 Record Exchange Reservation of Rights

Nothing in this Attachment shall be interpreted to waive either Party's rights, remedies or arguments challenging or promoting the use of "type 92" or "category 92" records or to prejudice either Party from raising such rights, remedies or arguments in any proceeding challenging or promoting "type 92" or "category 92" records or their use and seeking to have the same preserved, modified, eliminated or replaced. Provided, nothing herein shall serve to expand or improve either Party's position in such a proceeding to the extent the Party's position has not been advanced or is otherwise prejudiced or barred. Should any such proceeding result in a final, nonappealable order requiring modification of the terms and conditions of this Attachment relative to "type 92" or "category 92" records or their use and such order not be stayed, the Parties shall negotiate terms and conditions to amend this Attachment accordingly, and shall negotiate an orderly transition plan to effectuate any necessary changes.

ATTACHMENT 29: CONDOMINIUM ARRANGEMENTS

- 1.0 CONDOMINIUM ARRANGEMENTS.** Condo Arrangements unique to TCG-KC because they are the only CLEC with which SBC MISSOURI shares a building.
- 1.1 If TCG-KC is Collocated in SBC MISSOURI's Premises, and such Premises are located in the same building as TCG-KC Affiliate's POP pursuant to a Condo Arrangement listed on Exhibit 1, then SBC MISSOURI shall, upon TCG-KC's submission of a service order, permit TCG-KC to interconnect its network with that of its Affiliate by connecting its equipment Collocated in SBC MISSOURI's Premises to its Affiliate's facilities located in such Affiliate's POP (such direct connection referred to as a "Condo Connection").
- 1.2 If TCG-KC orders a Condo Connection, such Condo Connection shall (i) be constructed by an SBC MISSOURI approved vendor selected by and on behalf of TCG-KC, (ii) require TCG-KC to lease SBC MISSOURI cable rack (or, if cable rack is not available within ninety (90) days after TCG-KC's order for a Condo Connection, TCG-KC may use conduit installed by TCG-KC) and/or, as applicable, riser space, to carry the connecting transport facility from TCG-KC's Collocated equipment to, as applicable, either the demarcation point between the SBC MISSOURI Premises and the Affiliate's POP or the entry point into SBC MISSOURI's Premises, (iii) traverse the path designated by SBC MISSOURI (regardless of whether cable rack or conduit is used) and (iv) comply in all material respects with the same technical and engineering requirements that SBC MISSOURI imposes on its provision of functionally similar connecting facilities within its Premises.
- 1.3 TCG-KC may order a Condo Connection from SBC MISSOURI concurrent with or at any time after its request for Collocation in SBC MISSOURI's Premises. TCG-KC may, for diversity purposes, request that SBC MISSOURI designate two (2) paths within the SBC MISSOURI Premises for Condo Connections.
- 1.4 SBC MISSOURI shall charge, and TCG-KC agrees to pay, the rates for Condo Connection set forth in the Pricing Schedule; provided, however, that TCG-KC shall be responsible for any extraordinary charges incurred by SBC MISSOURI to effectuate such Condo Connection, in which case extraordinary charges shall apply on a time and materials basis. When TCG-KC requests two (2) diverse paths, each path shall be assessed a Project Management Fee and appropriate recurring fees.
- 1.5 Subject to all the provisions of this Agreement, to the extent that SBC MISSOURI must perform work for the condo connection which consists of two portions (but is a single contiguous cable) from the condo arrangement to the premises cable vault, SBC MISSOURI shall charge TCG-KC, and TCG-KC agrees to pay, the appropriate ICB rates. TCG-KC shall submit a Non-Standard Request to SBC MISSOURI to determine pricing for such work. Notwithstanding anything to the contrary in this Agreement, if during the Term of this Agreement, the Commission establishes or approves in an applicable proceeding, applicable rates shall apply on a prospective basis.

- 1.6 If TCG-KC provisions a Condo Connection, (i) SBC MISSOURI will not accept any liability for the connecting transport facility or the connections unless damage to the connecting transport facility or connections is caused by the actions or inactions of SBC MISSOURI, its Affiliates or SBC MISSOURI's authorized agents acting on SBC MISSOURI's behalf, (ii) SBC MISSOURI will not inventory the connecting transport facility and, (iii) TCG-KC shall, in addition to its indemnity obligations set forth in General Terms and Conditions, indemnify SBC MISSOURI for any loss arising from TCG-KC's installation, use, maintenance or removal of such Condo Connection to the extent such Loss is caused by the actions or inactions of TCG-KC, its Affiliates or its agents.

2.0 RESERVATION OF RIGHTS/INTERVENING LAW

- 2.1 The Parties acknowledge and agree that the intervening law language set forth in Section 3 of the General Terms and Conditions of this Agreement shall apply to all the rates, terms and conditions set forth in this Attachment.

EXHIBIT 1

JOPLIN
ST. LOUIS
SPRINGFIELD

JPLNMOMA
STLSMO09
SPFDMOTL

719 Pearl
2651 Olive
600 St. Louis

A	B	C	D	E	F
Product Type	Rate Element Description	USOCs	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
1	Network Interface Device		None	\$ 23.00	\$ 14.32
2	Local Loops				
3	Unbundled Loops				
4					
5	2W Analog Zone 1	NRBND	\$ 12.71	\$ 19.55	\$ 8.32
6	2W Analog Zone 2	U21	\$ 18.64	\$ 19.55	\$ 8.32
7	2W Analog Zone 3	U21	\$ 19.74	\$ 19.55	\$ 8.32
8	2W Analog Zone 4	U21	\$ 16.41	\$ 19.55	\$ 8.32
9	2W Analog Zone 1 - UNE-P	RB9	\$ 12.71	NA	NA
10	2W Analog Zone 2 - UNE-P	RB9	\$ 18.64	NA	NA
11	2W Analog Zone 3 - UNE-P	RB9	\$ 19.74	NA	NA
12	2W Analog Zone 4 - UNE-P	RB9	\$ 16.41	NA	NA
13	2W Analog - UNE-P - NRC - all zones	NRFR1	NA	\$0.00	\$0.00
14	Conditioning for dB Loss	UL2	\$ 6.63	\$ 17.54	\$ 8.58
15	4W Analog Zone 1	U4H	\$ 17.81	\$ 21.58	\$ 8.32
16	4W Analog Zone 2	U4H	\$ 31.82	\$ 21.58	\$ 8.32
17	4W Analog Zone 3	U4H	\$ 55.04	\$ 21.58	\$ 8.32
18	4W Analog Zone 4	U4H	\$ 27.07	\$ 21.58	\$ 8.32
19	2W Digital Zone 1	U2Q	\$ 25.79	\$ 43.33	\$ 22.67
20	2W Digital Zone 2	U2Q	\$ 37.89	\$ 43.33	\$ 22.67
21	2W Digital Zone 3	U2Q	\$ 52.60	\$ 43.33	\$ 22.67
22	2W Digital Zone 4	U2Q	\$ 37.30	\$ 43.33	\$ 22.67
23	2W Digital Zone 1 - UNE-P	RB8	\$ 25.79	NA	NA
24	2W Digital Zone 2 - UNE-P	RB8	\$ 37.89	NA	NA
25	2W Digital Zone 3 - UNE-P	RB8	\$ 52.60	NA	NA
26	2W Digital Zone 4 - UNE-P	RB8	\$ 37.30	NA	NA
27	2W Digital - UNE-P - NRC - all zones	NRFR3	NA	\$ 43.33	\$ 22.67
28	4W Digital Zone 1	U4DX	\$ 91.06	\$ 102.47	\$ 40.46
29	4W Digital Zone 2	U4DX	\$ 95.45	\$ 102.47	\$ 40.46
30	4W Digital Zone 3	U4DX	\$ 97.10	\$ 102.47	\$ 40.46
31	4W Digital Zone 4	U4DX	\$ 91.25	\$ 102.47	\$ 40.46
32	4W Digital Zone 1 - UNE-P	RB6	\$ 91.06	NA	NA
33	4W Digital Zone 2 - UNE-P	RB6	\$ 95.45	NA	NA
34	4W Digital Zone 3 - UNE-P	RB6	\$ 97.10	NA	NA
35	4W Digital Zone 4 - UNE-P	RB6	\$ 91.25	NA	NA
36	4W Digital - UNE-P - NRC - all zones	NRFR4	NA	\$ 102.47	\$ 40.46
37	DSL Loops				
38	2-Wire Digital Loop ISDN/IDSL - Zone 1	U2Q	\$ 25.79	\$ 43.33	\$ 22.67
39	2-Wire Digital Loop ISDN/IDSL - Zone 2	U2Q	\$ 37.89	\$ 43.33	\$ 22.67
40	2-Wire Digital Loop ISDN/IDSL - Zone 3	U2Q	\$ 52.60	\$ 43.33	\$ 22.67
41	2-Wire Digital Loop ISDN/IDSL - Zone 4	U2Q	\$ 37.30	\$ 43.33	\$ 22.67
42	2-Wire Digital Loop ISDN/IDSL - Zone 1 - UNE-P	RB8	\$ 25.79	NA	NA
43	2-Wire Digital Loop ISDN/IDSL - Zone 2 - UNE-P	RB8	\$ 37.89	NA	NA
44	2-Wire Digital Loop ISDN/IDSL - Zone 3 - UNE-P	RB8	\$ 52.60	NA	NA
45	2-Wire Digital Loop ISDN/IDSL - Zone 4 - UNE-P	RB8	\$ 37.30	NA	NA
46	2-Wire xDSL Loop - Zone 1	2SLAX	\$ 12.71	\$ 19.55	\$ 8.32
47	2-Wire xDSL Loop - Zone 2	2SLAX	\$ 18.64	\$ 19.55	\$ 8.32
48	2-Wire xDSL Loop - Zone 3	2SLAX	\$ 19.74	\$ 19.55	\$ 8.32
49	2-Wire xDSL Loop - Zone 4	2SLAX	\$ 16.41	\$ 19.55	\$ 8.32
50	2-Wire xDSL Loop - Zone 1	2SLCX	\$ 12.71	\$ 19.55	\$ 8.32
51	2-Wire xDSL Loop - Zone 2	2SLCX	\$ 18.64	\$ 19.55	\$ 8.32
52	2-Wire xDSL Loop - Zone 3	2SLCX	\$ 19.74	\$ 19.55	\$ 8.32
53	2-Wire xDSL Loop - Zone 4	2SLCX	\$ 16.41	\$ 19.55	\$ 8.32
54	2-Wire xDSL Loop - Zone 1	2SLBX	\$ 12.71	\$ 19.55	\$ 8.32
55	2-Wire xDSL Loop - Zone 2	2SLBX	\$ 18.64	\$ 19.55	\$ 8.32
56	2-Wire xDSL Loop - Zone 3	2SLBX	\$ 19.74	\$ 19.55	\$ 8.32
57	2-Wire xDSL Loop - Zone 4	2SLBX	\$ 16.41	\$ 19.55	\$ 8.32
58	2-Wire xDSL Loop - Zone 1	2SLDX	\$ 12.71	\$ 19.55	\$ 8.32
59	2-Wire xDSL Loop - Zone 2	2SLDX	\$ 18.64	\$ 19.55	\$ 8.32

A	B	C	D	E	F
Product Type	Rate Element Description	USOCs	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
1	PSD #4 - 2-Wire xDSL Loop - Zone 3	2SLDX	\$ 19.74	\$ 19.55	\$ 8.32
60	PSD #4 - 2-Wire xDSL Loop - Zone 4	2SLDX	\$ 16.41	\$ 19.55	\$ 8.32
61	PSD #5 - 2-Wire xDSL Loop - Zone 1	UZF	\$ 12.71	\$ 19.55	\$ 8.32
62	PSD #5 - 2-Wire xDSL Loop - Zone 2	UZF	\$ 18.64	\$ 19.55	\$ 8.32
63	PSD #5 - 2-Wire xDSL Loop - Zone 3	UZF	\$ 19.74	\$ 19.55	\$ 8.32
64	PSD #5 - 2-Wire xDSL Loop - Zone 4	UZF	\$ 16.41	\$ 19.55	\$ 8.32
65	PSD #7 - 2-Wire xDSL Loop - Zone 1	2SLFX	\$ 12.71	\$ 19.55	\$ 8.32
66	PSD #7 - 2-Wire xDSL Loop - Zone 2	2SLFX	\$ 18.64	\$ 19.55	\$ 8.32
67	PSD #7 - 2-Wire xDSL Loop - Zone 3	2SLFX	\$ 19.74	\$ 19.55	\$ 8.32
68	PSD #7 - 2-Wire xDSL Loop - Zone 4	2SLFX	\$ 16.41	\$ 19.55	\$ 8.32
69	PSD #3 - 4-Wire xDSL Loop - Zone 1	4SL1X	\$ 17.81	\$ 21.58	\$ 8.32
70	PSD #3 - 4-Wire xDSL Loop - Zone 2	4SL1X	\$ 31.82	\$ 21.58	\$ 8.32
71	PSD #3 - 4-Wire xDSL Loop - Zone 3	4SL1X	\$ 55.04	\$ 21.58	\$ 8.32
72	PSD #3 - 4-Wire xDSL Loop - Zone 4	4SL1X	\$ 27.07	\$ 21.58	\$ 8.32
73	HFPL Loop - Zone 1 (Urban STL, KS)	ULPPX	\$ 0.00	NA	NA
74	HFPL Loop - Zone 2 (Suburban)	ULPPX	\$ 0.00	NA	NA
75	HFPL Loop - Zone 3 (Rural)	ULPPX	\$ 0.00	NA	NA
76	HFPL Loop - Zone 4 (Urban Springfield)	ULPPX	\$ 0.00	NA	NA
77	Loop Make-Up Information - Mechanized	NR88U	NA	\$ 0.00	NA
78	Loop Make-Up Information - Manual	NR88U	NA	\$ 84.15	NA
79	Detailed Make-Up Info - Manual	NR88Y	NA	TBD	NA
80	2-Wire Analog	UCX92	\$ 0.31	\$ 19.96	\$ 12.69
81	4-Wire Analog	UCX94	\$ 0.63	\$ 25.38	\$ 17.73
82	2-Wire Digital	(UCXC2)	\$ 0.31	\$ 19.96	\$ 12.69
83	2-wire Analog	UXRRX	\$ 0.80	\$ 19.96	\$ 12.69
84	HFPL Cross Connect - CLEC Owned Non-Integrated	UKCGE	\$ 0.62	\$ 39.92	\$ 25.38
85	HFPL Cross Connect - CLEC Owned-Integrated	UKCGD	\$ 0.62	\$ 39.92	\$ 25.38
86	HFPL Cross Connect - SBC Owned	UKCGX	\$ 0.93	\$ 59.88	\$ 38.07
87	Removal of Repeater	NR8YV	None	\$ 221.90	\$ 221.90
88	Removal of Bridged Tap and Repeater	NR8XH	None	\$ 0.00	\$ 0.00
89	Removal of Bridged Tap	NR8XW	None	\$ 0.00	\$ 0.00
90	Removal of Bridged Tap and Load Coil	NR8XF	None	\$ 0.00	\$ 0.00
91	Removal of Load Coil	NR8ZZ	None	\$ 0.00	\$ 0.00
92	Removal of Repeater	NR8LO	None	\$ 8.41	\$ 8.41
93	Incremental Additional Removal of Repeater	NR8NL	\$ 0.00	\$ 221.90	\$ 221.90
94	Incremental Additional Removal of Repeater	NR8NP	None	\$ 0.00	\$ 0.00
95	Incremental Additional Removal of Repeater	NR8TV	\$ 0.00	\$ 0.00	\$ 0.00
96	Incremental Additional Removal of Bridged Tap and Repeater	NR8TW	None	\$ 0.00	\$ 0.00
97	Incremental Additional Removal of Bridged Tap	NR8TK	\$ 0.00	\$ 221.90	\$ 221.90
98	Incremental Additional Removal of Bridged Tap	NR8NN	None	\$ 0.00	\$ 0.00
99	Incremental Additional Removal of Bridged Tap and Load Coil	NR8MB	\$ 0.00	\$ 0.00	\$ 0.00
100	Incremental Additional Removal of Bridged Tap and Load Coil	NR8M9	None	\$ 0.00	\$ 0.00
101	Removal of Load Coil	NR8J1	\$ 0.00	\$ 325.83	\$ 325.83
102	Incremental Additional Removal of Load Coil	NR8NH	None	\$ 0.00	\$ 0.00
103	Loop to Multiplexer - 4-Wire Install	Under Development	\$ 15.34	\$ 89.17	\$ 70.91
104	Loop to Multiplexer - 4-Wire Disconnect	Under Development	NA	\$ 14.16	\$ 11.65
105	Analog Loop to Coil 2W	UCXC2	\$ 1.89	\$ 26.87	\$ 22.08
106	Analog Loop to Coil 4W (same CO)	UCXD2	\$ 0.31	\$ 14.97	\$ 9.52
107	Analog Loop to Coil 4W w/o testing (same CO)	UCXC4	\$ 3.77	\$ 31.22	\$ 29.56
108	Analog Loop to Coil 2W w/o testing (same CO)	UCXD4	\$ 0.63	\$ 25.38	\$ 17.73
109	Digital Loop to Coil 2W (same CO)	(UCXC2) Under Development	\$ 1.89	\$ 26.87	\$ 22.08
110	Digital Loop to Coil 4W (same CO)	(UCXD2) Under Development	\$ 0.31	\$ 14.97	\$ 9.52
111	Digital Loop to Coil 4W w/o testing (same CO)	(UCXC4) Under Development	\$ 9.00	\$ 45.03	\$ 34.16
112	Digital Loop to Coil 2W w/o testing (same CO)	ULD4	None	\$ 29.04	\$ 28.57
113	Analog Loop to DCS 2W - Install	Not Applicable	\$ 0.28	\$ 86.68	\$ 66.43
114	Loop Cross Connects (with testing unless otherwise noted)				
115	Loop Cross Connects				
116	Loop Cross Connects				

A	B	C	D	E	F
Product Type	Rate Element Description	USOCs	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
1					
117	Analog Loop to DCS 2W - Disconnect	Not applicable	NA	\$11.68	\$9.17
118	Analog Loop to DCS 4W - Install	UCXGX	\$0.57	\$89.17	\$70.91
119	Analog Loop to DCS 4W - Disconnect	Not applicable	NA	\$14.16	\$11.65
120	Digital Loop to DCS 2W - Install	UDUXK	\$2.80	\$89.14	\$72.08
121	Digital Loop to DCS 2W - Disconnect	Not applicable	NA	\$11.68	\$14.75
122	Digital Loop to DCS 4W - Install	Not applicable	\$ 9.00	\$60.04	\$ 41.06
123	Digital Loop to DCS 4W - Disconnect	Not applicable		Included in Install	Included in Install
124	DS3 Loop to DCS	UDUX3	\$ 225.59	\$0.00	\$0.00
125	Analog Loop to Switch Port - Install	UDLX2	\$0.00	NA	NA
126	Analog Loop to Switch Port - NRC	NFRFS	NA	\$25.29	\$19.09
127	Analog Loop to Switch Port - Disconnect	Under Development	NA	\$6.51	\$4.12
128	Digital Loop to Switch Port 2W-Install	REC82	\$0.00	NA	NA
129	Digital Loop to Switch Port 2W-Disconnect	NFRF7	NA	\$21.57	\$15.37
130	Digital Loop to Switch Port 4W-Install	Under Development	NA	\$13.40	\$10.02
131	Digital Loop to Switch Port 4W-Disconnect	REC94	\$15.34	NA	NA
132	Digital Loop to Switch Port 4W-Disconnect	NFRF8	NA	\$162.72	\$141.60
133	DS3 Loop Crossconnect - Install	Under Development	NA	\$19.35	\$16.96
134	2W Analog Zone 1	Under Development	\$ 30.08	\$ 54.98	\$ 42.09
135	2W Analog Zone 2	UK29C	\$ 4.81	\$ 17.16	\$ 7.91
136	2W Analog Zone 3	UK29C	\$ 6.60	\$ 17.16	\$ 7.91
137	2W Analog Zone 4	UK29C	\$ 6.87	\$ 17.16	\$ 7.91
138	2W Digital Zone 1	UK29C	\$ 9.90	\$ 17.16	\$ 7.91
139	2W Digital Zone 2	(UK29C) Under Development	\$ 20.18	\$ 40.52	\$ 20.45
140	2W Digital Zone 3	(UK29C) Under Development	\$ 32.17	\$ 40.52	\$ 20.45
141	2W Digital Zone 4	(UK29C) Under Development	\$ 30.89	\$ 40.52	\$ 20.45
142	2W Digital Zone 1	UK49C	\$ 39.13	\$ 40.52	\$ 20.45
143	DS1 4W Copper Zone 1	UK49C	\$ 67.05	\$ 73.25	\$ 29.98
144	DS1 4W Copper Zone 2	UK49C	\$ 67.27	\$ 73.25	\$ 29.98
145	DS1 4W Copper Zone 3	UK49C	\$ 67.17	\$ 73.25	\$ 29.98
146	DS1 4W Copper Zone 4	UK49C	\$ 70.79	\$ 73.25	\$ 29.98
147	Dark Fiber Foot Zone 1	ULOWG	\$ 0.002085	None	None
148	Dark Fiber Foot Zone 2	ULOWG	\$ 0.003156	None	None
149	Dark Fiber Foot Zone 3	ULOWG	\$ 0.004752	None	None
150	Dark Fiber Foot Zone 4	ULOWG	\$ 0.002085	None	None
151	Subloop Distribution	UG2	\$ 6.69	\$ 85.08	\$ 35.46
152	2W Analog Zone 1	UG2	\$ 10.68	\$ 85.08	\$ 35.46
153	2W Analog Zone 2	UG2	\$ 12.92	\$ 85.08	\$ 35.46
154	2W Analog Zone 3	UG2	\$ 22.78	\$ 85.08	\$ 35.46
155	2W Analog Zone 4	UG2	\$ 9.63	\$ 86.76	\$ 38.57
156	2W Digital Zone 1	UK2	\$ 13.63	\$ 86.76	\$ 38.57
157	2W Digital Zone 2	UK2	\$ 15.96	\$ 86.76	\$ 38.57
158	2W Digital Zone 3	UK2	\$ 25.70	\$ 86.76	\$ 38.57
159	4W Digital Zone 1	UK49E	\$ 4.68	\$ 131.83	\$ 52.08
160	4W Digital Zone 2	UK49E	\$ 6.23	\$ 131.83	\$ 52.08
161	4W Digital Zone 3	UK49E	\$ 10.05	\$ 131.83	\$ 52.08
162	4W Digital Zone 4	UK49E	\$ 22.41	\$ 131.83	\$ 52.08
163	Subloop Cross Connect	UCX1X	None	\$ 26.87	\$ 22.08
164	2 Wire - with testing	Under Development	None	\$ 14.97	\$ 9.52
165	2 Wire - without testing	UCX14	None	\$ 31.22	\$ 29.56
166	4 Wire - with testing	Under Development	\$ 0.93	\$ 25.38	\$ 17.73
167	4 Wire - without testing	UCX2X	\$ 0.93	\$ 39.53	None
168	Dark Fiber to Coll Cross-Connect Loop - Install	(NR98K)	NA	\$31.70	None
169	Dark Fiber to Coll Cross-Connect Loop - Disconnect	UCX2X	\$0.93	\$39.53	None
170	Dark Fiber to Coll Cross-Connect SubLoop (CO to RT/CEV/HUT) - Install	(NR98K)	NA	\$31.70	None
171	Dark Fiber to Coll Cross-Connect SubLoop (CO to RT/CEV/HUT) - Disconnect	UCX2X	\$0.93	\$39.53	None
172	Dark Fiber to Coll Cross-Connect SubLoop (CEV/HUT/RT to RT/EU) - Install	(NR98K)	NA	\$31.70	None
173	Dark Fiber to Coll Cross-Connect SubLoop (CEV/HUT/RT to RT/EU) - Disconnect	ZULS	\$ 0.0016200	None	None
174	Local Switching		\$		

Missouri

A	B	C	D	E	F
Product Type	Rate Element Description	USOCs	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
1					
175	Standard/Per Orig. or Term. MOU (excluding port) - Zone 2	ZZULS	\$ 0.0019490	None	None
176	Standard/Per Orig. or Term. MOU (excluding port) - Zone 3	ZZULS	\$ 0.0028070	None	None
177	Standard/Per Orig. or Term. MOU (excluding port) - Zone 4	ZZULS	\$ 0.0023910	None	None
178	Customized Routing Per Originating Query	Not Applicable	\$ 0.004160	NA	NA
179	CLEC order for Customized Routing per switch	Not Applicable	None	\$6.57	None
180	Translations per centrex Customer - 5ESS	Not Applicable	NA	\$285.60	NA
181	Translations per centrex Customer - DMS100	Not Applicable	NA	\$105.54	NA
182	POTS Translations per 5ESS office	Not Applicable	NA	\$43.48	NA
183	POTS Translations per DMS100 office	Not Applicable	NA	\$70.78	NA
184	CLEC order for Customized Routing per switch	Not Applicable	NA	\$6.57	NA
185	Translations per centrex Customer - 5ESS	Not Applicable	NA	\$155.20	NA
186	Translations per centrex Customer - DMS100	Not Applicable	NA	\$105.54	NA
187	POTS Translations per 5ESS office	Not Applicable	NA	\$43.48	NA
188	POTS Translations per DMS100 office	Not Applicable	NA	\$70.78	NA
189	Customized Routing Per Originating Query	ZZURO	\$ 0.004384	NA	NA
190	CLEC order for Customized Routing per switch	Not Applicable	NA	\$6.57	NA
191	Setup MARCH RPM and AIN Tables per CLEC per switch	Not Applicable	NA	\$80.51	NA
192	Translations per centrex Customer - 5ESS	Not Applicable	NA	\$130.38	NA
193	Translations per centrex Customer - DMS100	Not Applicable	NA	\$105.54	NA
194	CENTREX Line Translations for all technologies per 5 stations	Not Applicable	NA	\$0.59	NA
195	POTS Translations per 5ESS office	Not applicable - Resale Only	NA	\$24.84	NA
196	POTS Translations per DMS100 office	Not applicable - Resale Only	NA	\$132.86	NA
197	POTS Line Translations for all technologies per line	Not Applicable	NA	\$0.29	NA
198	Translations per 1st DID number - 5ESS	Not Applicable	NA	\$24.83	NA
199	Translations per addl. DID number - 5ESS	Not Applicable	NA	\$12.41	NA
200	Translations per 1st DID number - DMS100	Not Applicable	NA	\$8.69	NA
201	Translations per addl. DID number - DMS100	Not Applicable	NA	\$4.97	NA
202	SHARED COST FOR ALL AIN SERVICES	Not Applicable	NA	\$43.46	NA
203	AIN setup translations per office - DMS100	Not Applicable	NA	\$360.09	NA
204	centrex AIN setup translations per office - DMS100	Not Applicable	NA	\$6.57	NA
205	CLEC order for Customized Routing per switch	Under Development	NA	\$43.46	NA
206	Translations per centrex Customer - 5ESS	Not Applicable	NA	\$105.54	NA
207	Translations per centrex Customer - DMS100	Not Applicable	NA	\$0.59	NA
208	CENTREX Line Translations for all technologies per 5 stations	Not Applicable	NA	\$24.84	NA
209	POTS Translations per 5ESS office	Not applicable - Resale Only	NA	\$132.86	NA
210	POTS Translations per DMS100 office	Not applicable - Resale Only	NA	\$0.29	NA
211	POTS Line Translations for all technologies per line	Not Applicable	NA	\$12.41	NA
212	Translations per 1st DID number - 5ESS	Not Applicable	NA	\$12.41	NA
213	Translations per addl. DID number - 5ESS	Not Applicable	NA	\$8.69	NA
214	Translations per 1st DID number - DMS100	Not Applicable	NA	\$4.97	NA
215	Translations per addl. DID number - DMS100	Not Applicable	NA	\$8.69	NA
216	Analog Line Port Zone 1	UYP	\$ 2.74	NA	NA
217	Analog Line Port Zone 2	UYP	\$ 2.97	NA	NA
218	Analog Line Port Zone 3	UYP	\$ 3.47	NA	NA
219	Analog Line Port Zone 4	UYP	\$ 3.25	NA	NA
220	Analog Line Port Zone 1 - UNE-P	RBO	\$ 2.74	NA	NA
221	Analog Line Port Zone 2 - UNE-P	RBO	\$ 2.97	NA	NA
222	Analog Line Port Zone 3 - UNE-P	RBO	\$ 3.47	NA	NA
223	Analog Line Port Zone 4 - UNE-P	RBO	\$ 3.25	NA	NA
224	BRI Line Port Zone 1	UIP	\$ 6.56	NA	NA
225	BRI Line Port Zone 2	UIP	\$ 6.56	NA	NA
226	BRI Line Port Zone 3	UIP	\$ 6.56	NA	NA
227	BRI Line Port Zone 4	UIP	\$ 6.56	NA	NA
228	BRI Line Port Zone 1 - UNE-P	RBJ	\$ 6.56	NA	NA
229	BRI Line Port Zone 2 - UNE-P	RBJ	\$ 6.56	NA	NA
230	BRI Line Port Zone 3 - UNE-P	RBJ	\$ 6.56	NA	NA
231	BRI Line Port Zone 4 - UNE-P	RBJ	\$ 6.56	NA	NA
232	PRI Line Port Zone 1	UIP	\$ 165.85	NA	NA

SOUTHWESTERN BELL TELEPHONE, L.P.
TCG Kansas City

Missouri

A	B	C	D	E	F
Product Type	Rate Element Description	USOCs	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
1					
233	PRI Line Port Zone 2	UJP	\$ 165.85	NA	NA
234	PRI Line Port Zone 3	UJP	\$ 165.85	NA	NA
235	PRI Line Port Zone 4	UJP	\$ 165.85	NA	NA
236	PRI Line Port Zone 1 - UNE-P	RB5	\$ 165.85	NA	NA
237	PRI Line Port Zone 2 - UNE-P	RB5	\$ 165.85	NA	NA
238	PRI Line Port Zone 3 - UNE-P	RB5	\$ 165.85	NA	NA
239	PRI Line Port Zone 4 - UNE-P	RB5	\$ 165.85	NA	NA
240	Analog DID Trunk Port Zone 1	U5P	\$ 14.55	NA	NA
241	Analog DID Trunk Port Zone 2	U5P	\$ 15.45	NA	NA
242	Analog DID Trunk Port Zone 3	U5P	\$ 11.60	NA	NA
243	Analog DID Trunk Port Zone 4	U5P	\$ 16.12	NA	NA
244	Analog DID Trunk Port Zone 1 - UNE-P	RBT	\$ 14.55	NA	NA
245	Analog DID Trunk Port Zone 2 - UNE-P	RBT	\$ 15.45	NA	NA
246	Analog DID Trunk Port Zone 3 - UNE-P	RBT	\$ 11.60	NA	NA
247	Analog DID Trunk Port Zone 4 - UNE-P	RBT	\$ 16.12	NA	NA
248	DS1 Trunk Port Zone 1	U9Z	\$ 132.14	NA	NA
249	DS1 Trunk Port Zone 2	U9Z	\$ 126.71	NA	NA
250	DS1 Trunk Port Zone 3	U9Z	\$ 58.04	NA	NA
251	DS1 Trunk Port Zone 4	U9Z	\$ 140.35	NA	NA
252	ULS Switch Port - Non Recurring Charges	NHFC	NA	\$ 1.27	\$ 1.27
253	ULS - Analog Line Port - all zones	NHFC	NA	\$ 5.36	\$ 5.36
254	ULS - BRI Line Port - all zones	NHFC	NA	\$ 214.53	\$ 214.53
255	ULS - PRI Line Port - all zones	NHFC	NA	\$ 50.04	\$ 50.04
256	ULS - Analog DID Trunk Port - Zone 1	NHFC	NA	\$ 50.04	\$ 50.04
257	ULS - Analog DID Trunk Port - Zone 2	NHFC	NA	\$ 52.10	\$ 52.10
258	ULS - Analog DID Trunk Port - Zone 3	NHFC	NA	\$ 50.04	\$ 50.04
259	ULS - Analog DID Trunk Port - Zone 4	NHFC	NA	\$ 50.04	\$ 50.04
260	ULS-ST Analog Line Port - all zones	NHFC	NA	\$ 1.27	\$ 1.27
261	ULS-ST BRI Line Port - all zones	NHFC	NA	\$ 5.36	\$ 5.36
262	ULS-ST PRI Line Port - all zones	NHFC	NA	\$ 214.53	\$ 214.53
263	ULS-ST Analog DID Trunk Port - zone 1	NHFC	NA	\$ 50.04	\$ 50.04
264	ULS-ST Analog DID Trunk Port - zone 2	NHFC	NA	\$ 52.10	\$ 52.10
265	ULS-ST Analog DID Trunk Port - zone 3	NHFC	NA	\$ 50.04	\$ 50.04
266	ULS-ST Analog DID Trunk Port - zone 4	NHFC	NA	\$ 50.04	\$ 50.04
267	ULS-ST DS1 Trunk Port - zone 1	NHFC	NA	\$ 121.79	\$ 121.79
268	ULS-ST DS1 Trunk Port - zone 2	NHFC	NA	\$ 121.83	\$ 121.83
269	ULS-ST DS1 Trunk Port - zone 3	NHFC	NA	\$ 120.35	\$ 120.35
270	ULS-ST DS1 Trunk Port - zone 4	NHFC	NA	\$ 123.74	\$ 123.74
271	Feature Activation per Analog Line Port Type	ESX	None	\$ 0.00	None
272	Call Waiting ID	NWT	None	\$ 0.00	None
273	Call Waiting ID Options (for end users type 2.5 CPE)	NWL	None	\$ 0.00	None
274	Call Forwarding Variable	ESM	None	\$ 0.00	None
275	Call Forwarding Busy Line	EVB	None	\$ 0.00	None
276	Call Forwarding Don't Answer	EVD	None	\$ 0.00	None
277	Call Forward Busy Line/Don't Answer	E5E	None	\$ 0.00	None
278	Call Transfer Disconnect	Fg3	None	\$ 0.00	None
279	Simultaneous Call Forwarding	E5D	None	\$ 0.00	None
280	Remote Access to Call Forwarding	RC3	None	\$ 0.00	None
281	Speed Calling	ESC	None	\$ 0.00	None
282	Speed Calling 8	ESL	None	\$ 0.00	None
283	Speed Calling 30	ESF	None	\$ 0.00	None
284	Auto Callback/Auto Redial	NSO	None	\$ 0.00	None
285	Distinctive Ring/Priority Call	NSK	None	\$ 0.00	None
286	Selective Call Rejection/Call Blocker	NSY	None	\$ 0.00	None
287	Auto Recall/Call Return	NSS	None	\$ 0.00	None
288	Selective Call Forwarding	NCE	None	\$ 0.00	None
289	Calling # Delivery	NSD	None	\$ 0.00	None
290	CNAM Delivery	NMP	None	\$ 0.00	None
291	Calling Name/Name Delivery Blocking/Per Ln Block	NBJ	None	\$ 0.00	None

A	B	C	D	E	F
Product Type	Rate Element Description	USOCs	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
1					
291	Calling Number/Name Blocking (Per Call)	NSG	None	\$0.00	None
292	Anonymous Call Rejection	AYK	None	\$0.00	None
293	Customer Alerting Enablement	AWS	None	\$0.00	None
294	Toll Restriction	DH2	None	\$0.00	None
295	International Direct Dialing Blocking	NR4BK	None	\$0.00	None
296	Personalized Ring	DRS	None	\$0.20	None
297	Personalized Ring 1st DN	DRS1X	None	\$0.00	None
298	Personalized Ring 2nd DN	DRS2X	None	\$0.00	None
299	Hunting Arrangement	NR931	None	\$0.29	None
300	Analog Line Port Feature Activation per successful occurrence	NST	None	\$0.29	None
301	Call Trace (per feature per port)-Connect	NST	None	\$0.29	None
302	Call Trace (per successful occurrence per port)	ZZUCL	None	\$3.57	None
303	ISDN BRI Basic/BRI Centrex-like & PRI Trunk Side	STHXX	None	\$0.59	None
304	CSV/CSD per B channel - Connect	STHXX	None	\$0.59	None
305	Additional Call Offering for CSV per B Channel	NCO	None	\$1.21	None
306	Call Forwarding Don't Answer per B Channel	NQ6	None	\$0.00	None
307	Call Forwarding Variable per B Channel	NVF	None	\$0.00	None
308	Three Way Conference Calling Per B Channel	NZ3	None	\$0.00	None
309	Intercom Dialing	under development	None	\$0.00	None
310	ISDN BRI Centrex-like Features	FRG1X	None	\$0.59	None
311	Basic EKTs per B channel - Connect	FRG1X	None	\$0.59	None
312	Basic EKTs per B channel - Disconnect	FRG1X	None	\$0.59	None
313	CACH EKTs per B Channel - Connect	EFV1X	None	\$0.59	None
314	CACH EKTs per B Channel - Disconnect	EFV1X	None	\$0.59	None
315	ISDN BRI Basic Individual Port Features	ND5	None	\$0.00	None
316	Call Forwarding Interface Busy	ZCN	None	\$0.00	None
317	Calling Number Delivery	HTKFG	None	\$0.00	None
318	Hunt Group for CSD	GXH	None	\$0.00	None
319	Message Waiting Indicator	NZW	None	\$0.00	None
320	Secondary Only Telephone Number	DO6	None	\$0.00	None
321	Backup D Channel - Connect	ZPBXD	None	\$34.36	None
322	Backup D Channel - Disconnect	under development	None	\$32.58	None
323	Calling Number Delivery - Connect	NXN	None	\$14.99	None
324	Calling Number Delivery - Disconnect	NXN	None	\$14.99	None
325	Dynamic Channel Allocation - Connect	CCZ	None	\$42.78	None
326	Dynamic Channel Allocation - Disconnect	under development	None	\$30.87	None
327	DID #s - Initial 100 #s	ND8	None	\$130.21	11.23
328	DID #s - Initial 10 #s	NDZ	None	\$123.65	\$5.60
329	System Establishment per serving office - Analog Only - Connect	SEPUX	None	\$452.85	None
330	System Establishment per serving office - Analog Only - Disconnect	under development	None	\$117.65	None
331	System Establishment per serving office - Analog/ISDN BRI Mix - connect	SEPUY	None	\$452.85	None
332	System Establishment per serving office - Analog/ISDN BRI Mix - disconnect	under development	None	\$117.65	None
333	System Establishment per serving office - ISDN BRI Only - Connect	SEPUU	None	\$452.85	None
334	System Establishment per serving office - ISDN BRI Only - Disconnect	under development	None	\$117.65	None
335	System Subsqnt Change per Serving Office - Analog/ISDN BRI mixed sys or BRI only Sys & Add analog to existing ISDN BRI only system	NR93X	None	\$0.00	None
336	System Subsqnt Conversion per serving office - Add Analog to existing ISDN BRI only system	NR93W	None	\$0.00	None
337	Auto Callback Calling/Business Group Callback	RGE	None	\$0.00	None
338	Call Forwarding Busy Line	GCE	None	\$1.21	None
339	Call Hold	6AB	None	\$1.21	None
340	Call Pickup	E3P	None	\$1.21	None
341	Call Transfer - All Calls	TF1PS	None	\$1.21	None
342	Class of Service Restr. - Fully	ERSFC	None	\$1.21	None
343	Class of Service Restr. - Semi	ROW	None	\$1.21	None
344	Class of Service Restr. - Toll	ERSPA	None	\$1.21	None
345	Consult. Hold	EBE	None	\$1.21	None
	Dial Call Waiting	W0K	None	\$1.21	None

SOUTHWESTERN BELL TELEPHONE, L.P.
TCG Kansas City
Missouri

A	B	C	D	E	F
Product Type	Rate Element Description	USOCs	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
1				\$1.21	None
346	Directed Call Pickup - Non Barge in	6BD	None	None	None
347	Directed Call Pickup - With Barge In	6MD	None	\$1.21	None
348	Distinctive Ring and Call Waiting Tone	DRJ	None	\$1.21	None
349	Hunting Arrgmt - Basic	HRK	None	\$3.55	None
350	Hunting Arrgmt - Circular	HCK	None	\$3.55	None
351	Standard feature initialization per analog port	NR935	None	\$1.21	None
352	Auto Callback Calling/Business Group Callback	under development	None	\$1.21	None
353	Call Forwarding Variable/Business Group Call Forwarding Variable	HWJ	None	\$1.21	None
354	Call Forwarding Don't Answer	69H	None	\$1.21	None
355	Call Waiting - Intragroup/Business Call Forwarding Var.	NGW	None	\$1.21	None
356	Call Waiting - Orig.	6SZ	None	\$1.21	None
357	Call Waiting - Term.	HUH	None	\$1.21	None
358	Speed Calling Personal	E18	None	\$1.21	None
359	Speed Calling Personal	ESPCS	None	\$1.21	None
360	Speed Calling Personal	D7N	None	\$1.21	None
361	Standard feature initialization per ISDN BRI port	NR936	None	\$1.21	None
362	Speed Calling Personal	E18	None	\$1.21	None
363	Per MOU per call	ZU2TA	\$ 0.001231	None	None
364	Per MOU - Zone 1	ZU2BT	\$ 0.000535	None	None
365	Per MOU - Zone 2	ZU2BT	\$ 0.000641	None	None
366	Per MOU - Zone 3	ZU2BT	\$ 0.000697	None	None
367	Per MOU - Zone 4	ZU2BT	\$ 0.000507	None	None
368	Per MOU - Interzone	ZU2BT	\$ 0.000661	None	None
369	Termination MOU Zone 1	ZU2CT	\$ 0.0001550	None	None
370	Termination MOU Zone 2	ZU2CT	\$ 0.0002320	None	None
371	Termination MOU Zone 3	ZU2CT	\$ 0.0002460	None	None
372	Termination MOU Zone 4	ZU2CT	\$ 0.0001320	None	None
373	Termination MOU Interzone	ZU2CT	\$ 0.0002710	None	None
374	Facility Mile MOU Zone 1	ZU2CT	\$ 0.0000016	None	None
375	Facility Mile MOU Zone 2	ZU2CT	\$ 0.0000057	None	None
376	Facility Mile MOU Zone 3	ZU2CT	\$ 0.0000117	None	None
377	Facility Mile MOU Zone 4	ZU2CT	\$ 0.0000008	None	None
378	Facility Mile MOU Interzone	ZU2CT	\$ 0.0000030	None	None
379	Dedicated Transport	UENHX	\$78.39	\$261.35	\$127.19
380	DS1 Entrance Facilities Zone 1 - Install	under development	NA	\$118.42	\$17.34
381	DS1 Entrance Facilities Zone 2 - Install	UENHX	\$80.10	\$261.35	\$127.19
382	DS1 Entrance Facilities Zone 3 - Install	under development	NA	\$118.42	\$17.34
383	DS1 Entrance Facilities Zone 4 - Install	UENHX	\$83.80	\$261.35	\$127.19
384	DS1 Entrance Facilities Zone 1 - Disconnect	under development	NA	\$118.42	\$17.34
385	DS1 Entrance Facilities Zone 2 - Disconnect	UENHX	\$78.70	\$261.35	\$127.19
386	DS1 Entrance Facilities Zone 3 - Disconnect	under development	NA	\$118.42	\$17.34
387	DS1 Entrance Facilities Zone 4 - Disconnect	UENHX	\$180.48	\$256.36	\$92.36
388	DS3 Entrance Facilities Zone 1 - Install	UENJX	\$141.40	\$141.40	\$35.07
389	DS3 Entrance Facilities Zone 2 - Install	UENJX	\$198.10	\$256.36	\$92.36
390	DS3 Entrance Facilities Zone 3 - Install	under development	NA	\$141.40	\$35.07
391	DS3 Entrance Facilities Zone 4 - Install	UENJX	\$287.97	\$256.36	\$92.36
392	DS3 Entrance Facilities Zone 1 - Disconnect	under development	NA	\$141.40	\$35.07
393	DS3 Entrance Facilities Zone 2 - Disconnect	UENJX	\$181.54	\$256.36	\$92.36
394	DS3 Entrance Facilities Zone 3 - Disconnect	under development	NA	\$141.40	\$35.07
395	DS3 Entrance Facilities Zone 4 - Disconnect	UENHX	\$431.33	\$287.77	\$114.35
396	OC3 Entrance Facilities Zone 1 - Install	under development	NA	\$149.02	\$54.15
397	OC3 Entrance Facilities Zone 2 - Install	UENHX	\$467.08	\$287.77	\$114.35
398	OC3 Entrance Facilities Zone 3 - Install	under development	NA	\$149.02	\$54.15
399	OC3 Entrance Facilities Zone 4 - Install	UENHX	\$544.84	\$287.77	\$114.35
400	OC3 Entrance Facilities Zone 1 - Disconnect	under development	NA	\$149.02	\$54.15
401	OC3 Entrance Facilities Zone 2 - Disconnect	UENHX	\$437.82	\$287.77	\$114.35
402	OC3 Entrance Facilities Zone 3 - Disconnect	under development	NA	\$149.02	\$54.15
403	OC12 Entrance Facilities Zone 1 - Install	UENJX	\$1,369.69	\$287.77	\$114.35

SOUTHWESTERN BELL TELEPHONE, L.P.
TCG Kansas City

Missouri

A	B	C	D	E	F
Product Type	Rate Element Description	USOCs	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
1					
404	OC12 Entrance Facilities Zone 1 - Disconnect	under development	NA	\$149.03	\$54.15
405	OC12 Entrance Facilities Zone 2 - Install	UENLX	\$1,425.43	\$287.77	\$114.35
406	OC12 Entrance Facilities Zone 2 - Disconnect	under development	NA	\$149.03	\$54.15
407	OC12 Entrance Facilities Zone 3 - Install	UENLX	\$1,503.20	\$287.77	\$114.35
408	OC12 Entrance Facilities Zone 3 - Disconnect	under development	NA	\$149.03	\$54.15
409	OC12 Entrance Facilities Zone 4 - Install	UENLX	\$1,396.16	\$287.77	\$114.35
410	OC12 Entrance Facilities Zone 4 - Disconnect	under development	NA	\$149.03	\$54.15
411	VG Interoffice Transport - Zone 1 - Urban First Mile - Install	ULN2S	\$6.98	\$8.90	\$2.97
412	VG Interoffice Transport - Zone 1 - Urban First Mile - Disconnect	under development	NA	\$2.67	\$0.92
413	VG Interoffice Transport - Zone 2 - Suburban First Mile - Install	ULN2S	\$7.86	\$8.90	\$2.97
414	VG Interoffice Transport - Zone 2 - Suburban First Mile - Disconnect	under development	NA	\$2.67	\$0.92
415	VG Interoffice Transport - Zone 3 - Rural First Mile - Install	ULN2S	\$7.82	\$8.90	\$2.97
416	VG Interoffice Transport - Zone 3 - Rural First Mile - Disconnect	under development	NA	\$2.67	\$0.92
417	VG Interoffice Transport - Zone 4 - Springfield First Mile - Install	ULN2S	\$6.87	\$8.90	\$2.97
418	VG Interoffice Transport - Zone 4 - Springfield First Mile - Disconnect	under development	NA	\$2.67	\$0.92
419	VG Interoffice Transport - Interzone First Mile - Install	ULN2S	\$7.64	\$8.90	\$2.97
420	VG Interoffice Transport - Interzone First Mile - Disconnect	under development	NA	\$2.67	\$0.92
421	VG Interoffice Transport - Zone 1 - Urban Add'l Mile	ULN2S	\$	0.003000	None
422	VG Interoffice Transport - Zone 2 - Suburban Add'l Mile	ULN2S	\$	0.084500	None
423	VG Interoffice Transport - Zone 3 - Rural Add'l Mile	ULN2S	\$	0.170800	None
424	VG Interoffice Transport - Zone 4 - Springfield Add'l Mile	ULN2S	\$	0.001000	None
425	VG Interoffice Transport - Interzone Add'l Mile	ULN2S	\$	0.027900	None
426	OC3 Interoffice Transport - Zone 1 - Urban First Mile - Install	ULNKS	\$600.96	\$176.69	\$39.56
427	OC3 Interoffice Transport - Zone 1 - Urban First Mile - Disconnect	under development	NA	\$2.85	\$1.17
428	OC3 Interoffice Transport - Zone 2 - Suburban First Mile - Install	ULNKS	\$1,492.59	\$176.69	\$39.56
429	OC3 Interoffice Transport - Zone 2 - Suburban First Mile - Disconnect	under development	NA	\$2.85	\$1.17
430	OC3 Interoffice Transport - Zone 3 - Rural First Mile - Install	ULNKS	None	\$176.69	\$39.56
431	OC3 Interoffice Transport - Zone 3 - Rural First Mile - Disconnect	under development	NA	\$2.85	\$1.17
432	OC3 Interoffice Transport - Zone 4 - Springfield First Mile - Install	ULNKS	\$354.30	\$176.69	\$39.56
433	OC3 Interoffice Transport - Zone 4 - Springfield First Mile - Disconnect	under development	NA	\$2.85	\$1.17
434	OC3 Interoffice Transport - Interzone First Mile - Install	ULNKS	\$1,092.06	\$176.69	\$39.56
435	OC3 Interoffice Transport - Interzone First Mile - Disconnect	under development	NA	\$2.85	\$1.17
436	OC3 Interoffice Transport - Zone 1 - Urban Add'l Mile	ULNKS	\$6.08	None	None
437	OC3 Interoffice Transport - Zone 2 - Suburban Add'l Mile	ULNKS	\$95.76	None	None
438	OC3 Interoffice Transport - Zone 3 - Rural Add'l Mile	ULNKS	None	None	None
439	OC3 Interoffice Transport - Zone 4 - Springfield Add'l Mile	ULNKS	\$1.41	None	None
440	OC3 Interoffice Transport - Interzone Add'l Mile	ULNKS	\$20.95	None	None
441	OC12 Interoffice Transport - Zone 1 - Urban First Mile - Install	ULNLS	\$1,774.64	\$176.69	\$39.56
442	OC12 Interoffice Transport - Zone 1 - Urban First Mile - Disconnect	under development	NA	\$2.85	\$1.17
443	OC12 Interoffice Transport - Zone 2 - Suburban First Mile - Install	ULNLS	None	\$176.69	\$39.56
444	OC12 Interoffice Transport - Zone 2 - Suburban First Mile - Disconnect	under development	NA	\$2.85	\$1.17
445	OC12 Interoffice Transport - Zone 3 - Rural First Mile - Install	ULNLS	None	\$176.69	\$39.56
446	OC12 Interoffice Transport - Zone 3 - Rural First Mile - Disconnect	under development	NA	\$2.85	\$1.17
447	OC12 Interoffice Transport - Zone 4 - Springfield First Mile - Install	ULNLS	\$824.07	\$176.69	\$39.56
448	OC12 Interoffice Transport - Zone 4 - Springfield First Mile - Disconnect	under development	NA	\$2.85	\$1.17
449	OC12 Interoffice Transport - Interzone First Mile - Install	ULNLS	\$2,638.22	\$176.69	\$39.56
450	OC12 Interoffice Transport - Interzone First Mile - Disconnect	under development	NA	\$2.85	\$1.17
451	OC12 Interoffice Transport - Zone 1 - Urban Add'l mile	ULNLS	\$20.07	None	None
452	OC12 Interoffice Transport - Zone 2 - Suburban Add'l mile	ULNLS	None	None	None
453	OC12 Interoffice Transport - Zone 3 - Rural Add'l mile	ULNLS	None	None	None
454	OC12 Interoffice Transport - Zone 4 - Springfield Add'l mile	ULNLS	\$5.64	None	None
455	OC12 Interoffice Transport - Interzone Add'l mile	ULNLS	\$31.39	None	None
456	OC48 Interoffice Transport - Zone 1 - Urban First Mile	ULNNS	ICB	ICB	ICB
457	OC48 Interoffice Transport - Zone 2 - Suburban First Mile	ULNNS	ICB	ICB	ICB
458	OC48 Interoffice Transport - Zone 3 - Rural First Mile	ULNNS	ICB	ICB	ICB
459	OC48 Interoffice Transport - Interzone First Mile	ULNNS	ICB	ICB	ICB
460	OC48 Interoffice Transport - Zone 1 - Urban Add'l Mile	ULNNS	ICB	ICB	ICB
461	OC48 Interoffice Transport - Zone 2 - Suburban Add'l Mile	ULNNS	ICB	ICB	ICB

A	B	C	D	E	F
Product Type	Rate Element Description	USOCs	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
1					
462	OC48 Interoffice Transport - Zone 3 - Rural Add'l Mile	ULNNS	ICB	ICB	ICB
463	OC48 Interoffice Transport - Interzone Add'l Mile	ULNNS	ICB	ICB	ICB
464	DS1 Interoffice Transport - 1st Mile Zone 1	ULNHS	\$ 46.85	\$ 174.43	\$ 118.14
465	DS1 Interoffice Transport - 1st Mile Zone 2	ULNHS	\$ 70.87	\$ 174.43	\$ 118.14
466	DS1 Interoffice Transport - 1st Mile Zone 3	ULNHS	\$ 71.61	\$ 174.43	\$ 118.14
467	DS1 Interoffice Transport - 1st Mile Zone 4	ULNHS	\$ 42.78	\$ 174.43	\$ 118.14
468	DS1 Interoffice Transport - Add'l Mile - Interzone	ULNHS	\$ 81.61	\$ 174.43	\$ 118.14
469	DS1 Interoffice Transport - Add'l Mile Zone 1	ULNHS	\$ 0.51	\$ 174.43	\$ 118.14
470	DS1 Interoffice Transport - Add'l Mile Zone 2	ULNHS	\$ 1.36	\$ 174.43	\$ 118.14
471	DS1 Interoffice Transport - Add'l Mile Zone 3	ULNHS	\$ 1.60	\$ 174.43	\$ 118.14
472	DS1 Interoffice Transport - Add'l Mile Zone 4	ULNHS	\$ 0.19	\$ 174.43	\$ 118.14
473	DS1 Interoffice Transport - Add'l Mile - Interzone	ULNHS	\$ 0.97	\$ 174.43	\$ 118.14
474	DS3 Interoffice Transport - 1st Mile Zone 1	ULNJS	\$ 754.05	\$ 170.28	\$ 130.07
475	DS3 Interoffice Transport - 1st Mile Zone 2	ULNJS	\$ 1,486.67	\$ 170.28	\$ 130.07
476	DS3 Interoffice Transport - 1st Mile Zone 3	ULNJS	\$ 1,670.39	\$ 170.28	\$ 130.07
477	DS3 Interoffice Transport - 1st Mile Zone 4	ULNJS	\$ 643.14	\$ 170.28	\$ 130.07
478	DS3 Interoffice Transport - Add'l Mile - Interzone	ULNJS	\$ 1,924.75	\$ 170.28	\$ 130.07
479	DS3 Interoffice Transport - Add'l Mile Zone 1	ULNJS	\$ 12.75	\$ 170.28	\$ 130.07
480	DS3 Interoffice Transport - Add'l Mile Zone 2	ULNJS	\$ 46.01	\$ 170.28	\$ 130.07
481	DS3 Interoffice Transport - Add'l Mile Zone 3	ULNJS	\$ 79.54	\$ 170.28	\$ 130.07
482	DS3 Interoffice Transport - Add'l Mile Zone 4	ULNJS	\$ 16.16	\$ 170.28	\$ 130.07
483	DS3 Interoffice Transport - Add'l Mile - Interzone	ULNJS	\$ 21.08	\$ 170.28	\$ 130.07
484	Dedicated Transport Cross Connect	UCXV2	\$1.77	\$86.69	\$68.43
485	Voice Grade 2W - Disconnect	Under development	NA	\$14.15	\$11.65
486	VG 4W - Install	UCXV4	\$3.02	\$86.69	\$68.43
487	VG 4W - Disconnect	Under development	NA	\$14.15	\$11.65
488	DS1 - Install	UCXHX	\$15.34	\$96.68	\$64.71
489	DS1 - Disconnect	Under development	NA	\$22.94	\$19.19
490	DS3	UCXJX	\$30.08	\$54.98	\$42.90
491	OC3 - Install	UCXXX	\$0.93	\$153.55	\$100.13
492	OC3 - Disconnect	Under development	NA	\$35.35	\$31.60
493	OC12 - Install	UCXLX	\$0.93	\$153.55	\$100.13
494	OC12 - Disconnect	Under development	NA	\$35.35	\$31.60
495	OC48 - Install	UCXAX	ICB	ICB	ICB
496	OC48 - Disconnect	Under development	NA	ICB	ICB
497	Digital Cross-Connect System	DS0 DCS Port - Install	\$8.06	\$19.51	\$18.86
498		DS0 DCS Port - Disconnect	NA	\$6.85	\$6.20
499		DS1 DCS Port - Install	\$15.61	\$25.46	\$24.81
500		DS1 DCS Port - Disconnect	NA	\$6.85	\$6.20
501		DS3 DCS Port - Install	\$135.31	\$25.46	\$24.81
502		DS3 DCS Port - Disconnect	NA	\$6.85	\$6.20
503		DCS Establishment - Install	None	\$2,188.94	\$1,907.39
504		DCS Establishment - Disconnect	NA	\$251.16	\$251.16
505		Database Modification - Install	None	\$111.65	\$111.65
506		Database Modification - Disconnect	None	None	None
507		Reconfiguration Charge - Install	None	None	None
508		Reconfiguration Charge - Disconnect	None	\$0.09	None
509	Multiplexing	Not Applicable	None	None	None
510		DS1 to Voice Grade - Install	\$177.78	\$66.04	\$68.43
511		DS3 to DS1 - Install	\$437.11	\$13.51	\$11.65
512		DS3 to DS1 - Disconnect	NA	\$201.77	\$156.50
513		OC3 to 84 DS1 - Install	NA	\$44.51	\$32.12
514		OC3 to 84 DS1 - Disconnect	\$601.63	\$235.39	\$190.01
515		OC3 to 3 DS3 - Install	\$423.21	\$94.44	\$81.82
516		OC3 to 3 DS3 - Disconnect	NA	\$169.05	\$87.46
517		OC12 to 12 DS3 - Install	\$639.37	\$183.22	\$101.63
518		OC12 to 12 DS3 - Disconnect	NA	\$80.28	\$67.65
519		OC12 to 4 OC3/OC3-c - Install	\$644.49	\$220.24	\$126.25

Missouri

A	B	C	D	E	F
Product Type	Rate Element Description	USOCs	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
1					
520	OC12 to 4 OC3/OC3-c - Disconnect	Under development	NA	\$68.38	\$55.75
521	STP to Collo Cage - DS0 (all zones) - Install	5-state billed in IBIS	\$82.93	\$158.91	\$151.15
522	STP to Collo Cage - DS0 (all zones) - Disconnect	5-state billed in IBIS	NA	\$16.24	\$11.68
523	STP to Collo Cage - DS1 (all zones) - Install	5-state billed in IBIS	\$70.82	\$154.57	\$147.06
524	STP to Collo Cage - DS1 (all zones) - Disconnect	5-state billed in IBIS	NA	\$16.24	\$11.68
525	STP to SWBT TDF - DS0 - Install	5-state billed in IBIS	\$82.93	\$158.91	\$151.15
526	STP to SWBT TDF - DS0 - Disconnect	5-state billed in IBIS	NA	\$16.24	\$11.68
527	STP to SWBT DSX Frame - DS1 - Install	5-state billed in IBIS	\$70.82	\$154.57	\$147.06
528	STP to SWBT DSX Frame - DS1 - Disconnect	5-state billed in IBIS	NA	\$16.24	\$11.68
529	Unbundled Signaling	IBIS billed	\$23.47	None	None
530	STP Access Connection 1.544 Mbps - Fixed	IBIS billed	\$0.21	None	None
531	STP Access Connection 1.544 Mbps - per mile	IBIS billed	\$7.19	None	None
532	STP Access Link 56 Kbps per link	IBIS billed	\$	0.01	None
533	STP Access Link 56 Kbps per mile	IBIS billed	\$	0.000006	None
534	SS7 Transport per octet	ZZU07	\$	0.000060	None
535	SS7 Signaling Transport per call	PTSEX - IBIS billed	\$	391.70	\$
536	STP Port per port	IBIS billed			
537	Signaling Point Code, Cost per STP Pair	IBIS billed			
538	Global Title Translation, Cost per STP Pair	IBIS billed			
539	Point Code Addition per STP pair	IBIS billed			
540	GTT Title Translation - Simple	Under development	None		
541	GTT Title Translation - Complex	Under development	None		
542	Validation Query				
543	Billing Number Screening Query	(ZZULB)	\$	0.014207	
544	Calling Card Query	(ZZULC)	\$	0.014473	
545	CNAM Service Query	(ZZULE)	\$	0.000884	
546	OLNS Service Query	(ZZULD)	\$	0.000937	
547	Query Transport (applies to Validation, CNAM and OLNS queries)	(ZZULA)	\$	0.000005	
548	Service Establishment Charge	(NRBLA)		\$	12.57
549	Toll Free Database per Message/Query	(NRBLX)		\$	108.55
550	800 Query - Simple	Not Applicable	\$	0.000254	None
551	Designated 10-Digit Translation	Not Applicable	\$0.00	None	None
552	Call Validation	Not Applicable	\$	0.00	None
553	System Access	Not Applicable	\$	0.000034	None
554	Remote Facility per port - Direct Connections	Not a UNE	\$3,345.00	None	None
555	Remote Facility per port - Dial-up Connection	Not a UNE	\$1,580.00	None	None
556	DA per call	Not a UNE	\$316.00	None	None
557	DA per call	ZZU03	\$	0.3700	None
558	DACC - rate per completed call	ZZU04	\$	0.3700	None
559	Non-Published EMS	ZZU07	\$	0.1500	None
560	National Directory Assistance (NDA)	Not Applicable	\$	2.10	None
561	National Directory Assistance (NDA)	ZZU05	\$	0.65	None
562	Business Category Search (BCS)	ZZU06	\$	0.65	None
563	Reverse Directory Assistance (RDA)	ZZU08	\$	0.65	None
564	Reverse Directory Assistance (RDA)	ZZU09	\$	0.65	None
565	Per Listing - Initial Load and Update	Not Applicable	\$	0.0585	None
566	DB Service	ICB	None	None	None
567	Direct Access, per search	Not Applicable	None	None	None
568	Service Establishment	Not Applicable	None	None	None
569	Operator Services Call Completion Services	ICB	None	None	None
570	Operator Assisted and Semi-Auto per work sec.	ZZU02	\$	0.0200	None
571	All Fully-Auto per call	ZZU01	\$	0.1500	None
572	Per branded call	ZZU08	\$	0.0250	None
573	Per load/change per TOPS switch per brand	NRBDG	None	\$	3,000.00
574	Per branded call	ZZUCB	None	\$	3,000.00
575	Per load/change per TOPS switch per brand	NRBDG	None	\$	2,200.00
576	Per load/TOPS switch	NRBDM	None	\$	1,000.00
577	Per change/TOPS switch	NRBDL	None	\$	2,200.00
577	Per load/TOPS switch	NRBDL	None	\$	2,200.00

SOUTHWESTERN BELL TELEPHONE, L.P.
TCG Kansas City

Schedule of Prices

Missouri

A	B	C	D	E	F
Product Type	Rate Element Description	USOCs	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
1				\$ 1,000.00	None
578	Per change/TOPS switch	NRBDM	None	None	None
579	Service Order Charges - Unbundled Elements				
580	Manual Service Order Type Charges				
581	New Simple	NRBUQ	None	\$12.58	None
582	New Complex	NRBUQ	None	\$75.01	None
583	Change Simple	NRBUO	None	\$4.92	None
584	Record Simple	NRBUU	None	\$6.29	None
585	Disconnect Simple	NRBUU	None	\$6.29	None
586	Suspend Simple	NRBUW	None	\$5.32	None
587	Restore Simple	NRBUW	None	\$2.52	None
588	Expedited Simple	NRBJ9	None	\$2.52	None
589	Due Date Change Simple	NRWV1	None	\$12.62	None
590	Cancellation Simple	NRWV3	None	\$4.21	None
591	Customer Not Ready - Simple	NRWV5	None	\$4.21	None
592	Change Complex	NRWV5	None	\$0.00	None
593	Record Complex	NRBUP	None	\$75.01	None
594	Disconnect Complex	NRBUP	None	\$6.29	None
595	Suspend Complex	NRBUX	None	\$27.33	None
596	Restore Complex	NRBUX	None	\$2.52	None
597	Expedited Complex	NRBJ8	None	\$2.52	None
598	Due Date Change Complex	NRWV2	None	\$12.62	None
599	Cancellation Complex	NRWV4	None	\$4.21	None
600	Customer Not Ready - Complex	NRWV6	None	\$0.00	None
601	New Simple - Electronic	NRWV2	None	\$2.92	None
602	Change Simple - Electronic	NR9GG	None	\$2.92	None
603	Record Simple - Electronic	NR9GU	None	\$2.92	None
604	Disconnect Simple - Electronic	NR9GZ	None	\$2.92	None
605	Suspend Simple - Electronic	NRBJ5	None	\$0.13	None
606	Restore Simple - Electronic	NRBJ6	None	\$0.13	None
607	Expedited Simple - Electronic	NRWV7	None	\$6.44	None
608	Due Date Change or Cancellation Simple - Electronic	NRWV8	None	\$2.15	None
609	Customer Not Ready - Simple - Electronic	NRWV9	None	\$0.00	None
610	Change Complex - Electronic	NR9G8	None	\$2.92	None
611	Record Complex - Electronic	NR9G7	None	\$2.92	None
612	Disconnect Complex - Electronic	NR9G9	None	\$2.92	None
613	Customer Not Ready - Complex - Electronic	NRWVY	None	\$0.00	None
614	Expedited Complex - Electronic	NRWVX	None	\$6.44	None
615	Due Date Change or Cancellation Complex - Electronic	NRWVZ	None	\$2.15	None
616	Manual UNE-P POTS Migration, per LSR	NHCWQ	None	\$38.18	None
617	Manual UNE-P Non-POTS Migration, per LSR	NHCWR	None	\$180.76	None
618	Electronic UNE-P Migration (Non-POTS), per LSR	NHCMT	None	\$160.52	None
619	Electronic UNE-P Migration (POTS), per LSR	NHCMS	None	\$1.05	None
620	PIC Change Charge	NRBL9	None	\$5.83	\$1.52
621	Maintenance of Service Charges	MVY	None	\$0.93	\$ 21.32
622	Overtime - per half hour	MVV	None	\$6.35	\$ 26.73
623	Premium Time - per half hour	MVW	None	\$4.77	\$ 32.15
624	Basic Time - per half hour	ALK	None	\$0.93	\$ 21.32
625	Overtime - per half hour	ALK	None	\$6.35	\$ 26.73
626	Premium Time - per half hour	ALK	None	\$4.77	\$ 32.15
627	Basic Time - per half hour	ALH	None	\$0.93	\$ 21.32
628	Overtime - per half hour	ALH	None	\$6.35	\$ 26.73
629	Premium Time - per half hour	ALH	None	\$4.77	\$ 32.15
630	Basic Time - per half hour	ALT	None	\$0.93	\$ 21.32
631	Overtime - per half hour	ALT	None	\$6.35	\$ 26.73
632	Premium Time - per half hour	ALT	None	\$4.77	\$ 32.15
633	Nonproductive Dispatch Charges	MVY	None	\$0.93	\$ 21.32
634	Overtime - per half hour	MVV	None	\$6.35	\$ 26.73
635	Premium Time - per half hour	MVW	None	\$4.77	\$ 32.15

Missouri

A	B	C	D	E	F
Product Type	Rate Element Description	USOCs	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
1					
636	Miscellaneous	Performance Data	ICB	ICB	ICB
637		Special Request Processing	ICB	ICB	ICB
638		Local Discount Report - LDR per WTN (Facility Based/Resale)			
639	Dark Fiber - Interoffice	Dark fiber to Collo Cross-Connect	\$	CRIS	None
640		Dark Fiber - Termination	\$	UCPX	None
641		Dark Fiber Foot Zone 1	\$	1.71	\$ 65.87
642		Dark Fiber Foot Zone 2	\$	4.50	\$ 42.92
643		Dark Fiber Foot Zone 3	\$	0.003156	None
644		Dark Fiber Foot Zone 4	\$	0.004752	None
645	Mutual Licensing DA Listings	Per listing Initial & Subsequent	\$	0.002085	None
646	BCR	Per local message	\$	None	0.0585
647		Per interstate local message	\$	0.080	None
648	Clearinghouse	Per originating message	\$	0.050	None
649		Per end user message billed	\$	0.020	None
650	Recording	Recording/Access Usage Record	\$	0.050	None
651		Assembly and Editing per Message	\$	0.000	None
652		Rating per Message	\$	0.000	None
653		Message Processing per Message	\$	0.000	None
654		Provision of Message Detail per record	\$	0.000	None
655		Source Info Provided per record furnished - meet point billing applicable	\$	0.000	None
656		Source Info Provided per record furnished - meet point billing not applicable	\$	0.000	None
657	Hosting	Full Status RAO Company - Hosting Company Network per billable msg	\$	0.0020	None
658		Full Status RAO Company - Nat'l CMDS Network per billable msg	\$	0.0050	None
659		Non-Full Status RAO Company - Hosting Company Network per billable msg	\$	0.0100	None
660		Non-Full Status RAO Company - Nat'l CMDS Network per billable msg	\$	0.0070	None
661		Non-Full Status RAO Company - Delivery per record charge per billable msg	\$	0.0030	None
662	E911	Feature per 1000 lines - ANI to SWBT PSAP	\$	10.00	\$ 80.00
663		Feature per 1000 lines - ANI to Non-SWBT PSAP	\$	10.00	\$ 80.00
664		Feature per 1000 lines - ANI and Selective Routing to SWBT PSAP	\$	51.60	\$ 85.00
665		Feature per 1000 lines - ANI and Selective Routing to Non-SWBT PSAP	\$	51.60	\$ 85.00
666		Feature per 1000 lines - ANI and ALI to SWBT PSAP	\$	83.60	\$ 85.00
667		Feature per 1000 lines - ANI, SR and ALI to Non-SWBT PSAP	\$	83.60	\$ 85.00
668		Feature per 1000 lines - ANI, SR and ALI to SWBT PSAP	\$	83.60	\$ 85.00
669		Feature per 1000 lines - ANI, SR and ALI to Non-SWBT PSAP	\$	83.60	\$ 85.00
670		Trunk Charge per channel	\$	58.00	\$ 170.00
671	Intercompany Terminating Compensation for Local Traffic				
672	Tandem Switching per MOU		\$0.00	None	None
673	Blended Transp	Zone 1	\$0.00	None	None
674		Zone 2	\$0.00	None	None
675		Zone 3	\$0.00	None	None
676		Zone 4	\$0.00	None	None
677	Common Transport - Reciprocal Compensation	Termination MOU Zone 1	\$0.00	None	None
678		Termination MOU Zone 2	\$0.00	None	None
679		Termination MOU Zone 3	\$0.00	None	None
680		Termination MOU Zone 4	\$0.00	None	None
681		Termination MOU Interzone	\$0.00	None	None
682		Facilities per mile per MOU Zone 1	\$0.00	None	None
683		Facilities per mile per MOU Zone 2	\$0.00	None	None
684		Facilities per mile per MOU Zone 3	\$0.00	None	None
685		Facilities per mile per MOU Zone 4	\$0.00	None	None
686		Facilities per mile per MOU Interzone	\$0.00	None	None
687	End Office Switching	Zone 1	\$0.00	None	None
688		Zone 2	\$0.00	None	None
689		Zone 3	\$0.00	None	None
690		Zone 4	\$0.00	None	None
691	Transit Compensation		\$	0.001712	None
692	Transit Rate		\$	0.001844	None
693					

Missouri

A	B	C	D	E	F
Product Type	Rate Element Description	USOC's	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
1					
694	Zone 3	ZZUTN	\$ 0.001918	None	None
695	Zone 4	ZZUTN	\$ 0.001679	None	None
696	Tandem Switching	Not Applicable		None	None
697	CMRS Transit Compensation	Not Applicable	\$ 0.001712	None	None
698	Transit Rate	Not Applicable	\$ 0.001844	None	None
699	Zone 1	Not Applicable	\$ 0.001918	None	None
700	Zone 2	Not Applicable	\$ 0.001679	None	None
701	Zone 3	Not Applicable		None	None
702	Zone 4	Not Applicable		None	None
703	Tandem Switching	Not Applicable	None	\$ 3,191.73	None
704	White Pages Info Pages	Not Applicable	None	\$ 168.09	None
705	Information Pages per year per book (Zone 2)	Not Applicable	None	\$ 75.59	None
706	Information Pages per year per book (Zone 3)	Not Applicable	None	\$ 4.46	None
707	Delivery to LSP in bulk, per book, Zone 1	Not Applicable	None	\$ 1.29	None
708	Delivery to LSP in bulk, per book, Zone 2	Not Applicable	None	\$ 1.26	None
709	Delivery to LSP in bulk, per book, Zone 3	Not Applicable	None	\$ 6.48	None
710	Delivery to End User, per book, Zone 1	Not Applicable	None	\$ 2.50	None
711	Delivery to End User, per book, Zone 2	Not Applicable	None	\$ 2.81	None
712	Delivery to End User, per book, Zone 3	Not Applicable	None	\$ 10.00	None
713	Subsequent Order & Delivery, per book- all zones	Not Applicable	\$ 2.35	None	None
714	Pole Attachment per pole per year	Not Applicable	\$ 0.40	None	None
715	Conduit Space, per duct foot per year	Not Applicable	\$ 0.205	None	None
	Inner Duct, per duct foot per year		Same as fee charged to CATV providers		
716	Fee for Admin. Approval of requests for pole attachment and conduit space	Not Applicable		None	None
717	Per line	Not Applicable	None	None	None
718	INP Remote	Not Applicable	None	None	None
719	Add'l Path	Not Applicable	None	None	None
720	Number	Not Applicable	None	None	None
721	Trunk Termination	Not Applicable	None	None	None
722	D4 Channel Bank	Not Applicable	None	None	None
723	DID Nonrecurring per #	Not Applicable	None	None	None
724	DID Nonrecurring Transport per MOU	Not Applicable	None	None	None
725	Conversion Order Charges for Resold Services				
726	Mechanized Simple	CRIS	None	\$ 5.00	None
727	Mechanized Complex	CRIS	None	\$ 5.00	None
728	Simple Manual	CRIS	None	\$ 5.00	None
729	Complex Manual	CRIS	None	\$ 5.00	None
730	NXX Migration per NXX	Not Applicable	None	\$ 10,961.18	None
731	Local Disconnect Report	Not Applicable	\$ 0.003	None	None
732	Residential	NR989	None	\$ 16.35	None
733	Business	NR9C9	None	\$ 21.30	None