

**ATTACHMENT 13:  
APPENDIX VIRTUAL COLLOCATION**

**1.0 GENERAL DESCRIPTION**

- 1.1 This Section of the Appendix provides for Virtual Collocation for the purpose of interconnecting to SBC MISSOURI for the transmission and routing of telephone exchange service and exchange access pursuant to 47 U.S.C. § 251 (c)(2), and for access to SBC MISSOURI's Unbundled Network Elements ("UNEs") pursuant to 47 U.S.C. § 251(c)(3) of the FTA 96 when the virtually collocated telecommunications equipment (hereafter referred to as equipment) is provided by the Collocator.
- 1.2 TCG-KC may also order from a tariff a product or service that is available in its Agreement, provided that (1) if ordered from the tariff the terms, conditions and rates of the applicable tariff shall apply to such product or service, and (2) either TCG-KC or SBC MISSOURI may request that the ICA be amended to remove the rates, terms and conditions associated with the product or service it is ordering from the tariff and either (i) add a pointer stating that such product will be ordered from the tariff or (ii) incorporate by amendment the conditions contained in such tariff that are material to the particular tariff offering, including, but not limited to, the rates for the selected product or service, and the terms and conditions regarding provisioning. Similarly, this Section does not impair SBC MISSOURI's right to file tariffs nor does it impair SBC MISSOURI's right to file tariffs proposing new products and services and changes in the prices, terms and conditions of existing products and services, including discontinuance or grandfathering of existing features or services, of any telecommunications services that SBC MISSOURI provides or hereafter provides to TCG-KC under this Agreement pursuant to the provision of Attachment 1: Resale, nor does it impair TCG-KC's right to contest such tariffs before the appropriate Commission, subject to any defenses or arguments SBC MISSOURI might make in response to TCG-KC's contesting of such tariffs. Without affecting the application or interpretation of any other provisions regarding waiver, estoppel, laches, or similar concepts in other situations, the failure of SBC MISSOURI to enforce the foregoing (including if SBC MISSOURI fails to reject or otherwise block applications for, or provides or continues to provide, 251(c)(6) virtual collocation under tariff to TCG-KC or any of its affiliated entities) shall not act as a waiver of any part of this Section, and estoppel, laches, or other similar concepts shall not act to affect any rights or requirements hereunder. If TCG-KC does not comply with this Section 1.4, SBC MISSOURI may, at its option, either reject any application or order for 251(c)(6) virtual collocation submitted under tariff, or without the need for any further contact with or consent from TCG-KC, SBC MISSOURI may process any order for any 251(c)(6) virtual collocation submitted under tariff, as being submitted under this Appendix and, further, may convert any 251(c)(6) virtual collocation provided under tariff, to this Appendix, effective as of the later in time of the (i) Effective Date of this Agreement/Amendment, or (ii) the submission of the order by TCG-KC.
- 1.3 Upon request from a Collocator, SBC MISSOURI will provide one of the following maintenance alternates for its virtual collocation offering:
- 1.3.1 In all of SBC MISSOURI's premises, SBC MISSOURI will offer virtual collocation wherein SBC MISSOURI maintains and repairs the virtually collocated equipment consistent with the rates, terms and conditions as provided for in Section 12 of this Appendix.

- 1.3.2 In CEVs, huts and cabinets where physical collocation space is not available, a Collocator may opt for virtual collocation wherein the Collocator maintains and repairs the virtually collocated equipment as described in Section 9 following and consistent with the rates, terms and conditions as provided for throughout this entire Appendix. SBC MISSOURI may at its option, elect to offer this maintenance alternative in one or more of its central offices, and in one or more of its CEVs, huts and cabinets where physical collocation space is available. As described in Section 9, this maintenance alternative is contingent on the provision of a security escort paid for by the Collocator. In the event the FCC determines that SBC MISSOURI may not require a security escort paid for by the Collocator, then this virtual collocation maintenance alternative as described in this Section and in Section 9 is null and void and all virtual collocation will be maintained as described in Section 1.1 above.
- 1.4 Virtual Collocation in the Central Office is available for interconnection with SBC MISSOURI for the transmission and routing of telephone exchange service and exchange access as well as SBC MISSOURI-provided UNEs. Virtual Collocation in CEVs, Huts and Cabinets is available for interconnection with SBC MISSOURI-provided UNEs.
- 1.5 Rates for the individual UNEs the Collocator wants to gain access to using virtual collocation can be found in the Collocator's Agreement with SBC MISSOURI.
- 1.6 A description of the rate categories applicable to Virtual Collocation for the purpose of interconnecting to SBC MISSOURI within SBC MISSOURI's Central Offices is contained in Section 12.4. (Rate Elements for SBC MISSOURI Central Offices). A description of the rate categories applicable to Virtual Collocation for the purpose of interconnecting to SBC MISSOURI within SBC MISSOURI's CEVs, Huts and Cabinets is contained in Section 12.5 (Rate Elements for SBC MISSOURI's CEVs, Huts and Cabinets).
- 1.7 Virtual Collocation for Interconnection to SBC MISSOURI for the Transmission and Routing of Telephone Exchange Service and Exchange Access, and for Interconnection with SBC MISSOURI-Provided UNEs when the Equipment is Provided by the Collocator.
- 1.8 Virtual Collocation provides for interconnection between SBC MISSOURI and the facilities of a virtual Collocator and is available for the transmission and routing of telephone exchange service and exchange access in SBC MISSOURI Central Offices and for interconnection with SBC MISSOURI-provided UNEs in SBC MISSOURI Central Offices and CEVs, Huts and Cabinets.
- 1.9 Virtual Collocation is available at SBC MISSOURI wire centers as specified in the National Exchange Carrier Association, Inc., tariff F.C.C. No. 4 and in SBC MISSOURI CEVs, Huts and Cabinets. Upon request, SBC MISSOURI will provide a listing of locations of SBC MISSOURI's CEVs, Huts or Cabinets.
- 1.10 The rate elements provided in this Appendix are required when Collocator uses virtual collocation equipment to access UNEs. Such access is provided through cross connects purchased from the Agreement. Unbundled network elements including associated cross connects are obtained from the Agreement between the Collocator and SBC MISSOURI. Cross connects associated with

UNEs establish the circuit between the virtually collocated equipment, and these cross connects are the point at which services provided and purchased from the Agreement begin. Virtually collocated equipment is available as follows:

- 1.10.1 A Collocator shall purchase from the vendor the equipment to be virtually collocated subject to the provisions as set forth in (B) below and the equipment conforming to industry safety standards as described in SBC MISSOURI's Technical Publication.
- 1.10.2 In accordance with Section 251(c)(6) of the Act, the Collocator may collocate equipment for Virtual Collocation if such equipment is necessary for interconnection to SBC MISSOURI under 47.U.S.C. § 251(c)(2) or accessing SBC MISSOURI's UNEs under 47.U.S.C. § 251(c) (3) of the FTA 96, For purposes of this Section, "necessary" shall have the meaning set forth in the Act and any rules promulgated there under, and any applicable state law (provided it is necessary to further competition in the provision of telephone exchange service or exchange access and is not inconsistent with Section 251 or the FCC's regulations to implement Section 251).
- 1.10.3 Equipment that may be collocated solely for these purposes includes: (1) transmission equipment including, but not limited to, optical terminating equipment and multiplexers; and (2) equipment being collocated to terminate basic transmission facilities pursuant to sections 64.1401 and 64.1402 of 47 C.F.R. (Expanded Interconnection) as of August 1, 1996. SBC MISSOURI is not required nor shall it permit the collocation of stand-alone switches or enhanced services equipment.
- 1.10.4 In addition, SBC MISSOURI voluntarily permits Collocator collocation of certain Multifunctional Equipment included in the definition of "advanced services equipment" in section 1.3.d of the SBC/Ameritech Merger Conditions. Under the SBC/Ameritech Merger Condition, "advanced services equipment" is defined as follows: "(1) DSLAMs or functionally equivalent equipment; (2) spectrum splitters that are used solely in the provision of Advanced Services; (3) packet switches and multiplexers such as ATMs and Frame Relay engines used to provide Advanced Services; (4) modems used in the provision of packetized data; and (5) DACS frames used only in the provision of Advanced Services. Spectrum splitters (or the equivalent functionality) used to separate the voice grade channel from the Advanced Services channel shall not be considered Advanced Services Equipment; any such splitters installed after the Merger Closing Date that are located at the customer premises shall be considered network terminating equipment."
- 1.10.5 SBC MISSOURI does not allow collocation of other Multifunctional Equipment, except that SBC MISSOURI will voluntarily allow collocation of RSMs solely under the following conditions: (1) the RSM may not be used as a stand-alone switch; it must report back to and be controlled by a Collocator identified host switch and direct trunking to the RSM will not be permitted; (2) the RSM equipment must be used only for the purpose of interconnection with SBC MISSOURI's network for the transmission and routing of telephone exchange service or exchange access or for access to SBC MISSOURI's unbundled network elements for the provision of a telecommunications service. SBC MISSOURI voluntarily will allow Collocator to collocate, on a non-discriminatory basis,

other multi-functional equipment only if SBC MISSOURI and Collocator mutually agree to such collocation.

- 1.10.6 For purposes of this Section, "Multifunctional Equipment" means equipment that has (1) functions that make the equipment "necessary for interconnection or access to Unbundled Network Elements" and (2) additional functions that are not "necessary" for these purposes. Such additional functions include, but are not limited to, switching and enhanced service functions. SBC MISSOURI will not allow collocation of stand-alone switching equipment or any enhanced services equipment.
- 1.10.7 SBC MISSOURI voluntarily allows Collocator to place ancillary equipment, including cross-connect and other simple frames, routers, portable test equipment, equipment racks and bays, and other ancillary equipment on a non-discriminatory basis only if SBC MISSOURI and Collocator mutually agree to such placement, in SBC MISSOURI's premises solely to support and be used with equipment that the Collocator has legitimately collocated in the same premises.
- 1.10.8 Pending the FCC's reasonably timely remand proceedings in accordance with the Court's Opinion in *GTE Service Corporation v. FCC*, No. 99-1176, 2000 U.S. App. LEXIS 4111 (D.C. Cir. March 17, 2000) ("GTE Opinion"), SBC MISSOURI voluntarily will not disturb (1) equipment and (2) connection arrangements between different Collocator's equipment in an SBC MISSOURI Eligible Premises, that prior to the May 11, 2000, effective date of the GTE Opinion, were (1) in place in SBC MISSOURI or (2) requested by Collocator and accepted by SBC MISSOURI on the same basis as under the FCC's original, pre-vacated Collocation Order (*Deployment of Wireline Services Offering Advanced Telecommunications Capability*, CC Docket No. 98-147, *First Report and Order* (FCC 99-48), 14 FCC Rcd 4761 (1999)). SBC MISSOURI's agreement not to disturb these collocation arrangements pending timely completion of the remand proceedings will immediately expire if a federal or state court or regulatory agency attempts to apply any of the most favored nation provisions of the Act, of any state Merger Conditions, or of the FCC SBC/Ameritech Merger Conditions to such arrangements or deems such arrangements to be discriminatory vis-à-vis other carriers.
- 1.10.9 All types of network equipment placed in SBC MISSOURI network equipment areas of Eligible Structures by SBC MISSOURI or Collocator must meet SBC MISSOURI minimum safety standards. The minimum safety standards are as follows: (1) Collocator's equipment must meet Telcordia Level 1 safety requirements as set forth in Telcordia documents SR-3580 and GR-63-CORE, Network Equipment Building Systems (NEBS); or, (2) Collocator must demonstrate that its equipment has a history of safe operation defined by installation in an ILEC (including SBC MISSOURI) prior to January 1, 1998 with no known history of safety problems. The Collocator will be expected to conform to the same accepted procedures and standards utilized by including SBC MISSOURI and its contractors when engineering and installing equipment.
- 1.10.10 In the event that SBC MISSOURI denied Collocation of Collocator's equipment, citing Safety Standards, SBC MISSOURI will provide within five (5) business days of Collocator's written request to SBC MISSOURI representative(s), a list of SBC MISSOURI equipment

placed since January 1, 1998 within the network areas of the Eligible Premise for which Collocation was denied together with an affidavit attesting that all of such SBC MISSOURI equipment met or exceeded the then current Safety Standards when such equipment was placed in the Eligible Premise.

- 1.10.11 In the event SBC MISSOURI believes that collocated equipment is not necessary for interconnection or access to UNEs or determines that the Collocator's equipment does not meet the minimum safety standards, the Collocator must not collocate the equipment unless and until the dispute is resolved in its favor. The Collocator will be given ten (10) business days to comply with the requirements and/or remove the equipment from the collocation space if the equipment already improperly was collocated. If the Parties do not resolve the dispute pursuant to the dispute resolution procedures set forth in the Agreement, SBC MISSOURI or Collocator may file a complaint at the Commission seeking a formal resolution of the dispute. If it is determined that the Collocator's equipment does not meet the minimum safety standards above, the Collocator must not collocate the equipment and will be responsible for removal of the equipment and all resulting damages if the equipment already was collocated improperly.
- 1.10.12 Regarding safety, Collocator equipment or operating practices representing a significant demonstrable technical or physical threat to SBC MISSOURI's personnel, network or facilities, including the Eligible Structure, or those of others are strictly prohibited. Regarding safety, and notwithstanding any other provision hereof, the characteristics and methods of operation of any equipment or facilities placed in the virtual collocation space shall not create hazards for or cause damage to those facilities, the virtual collocation space, or the Eligible Structure in which the virtual collocation space is located; impair the privacy of any communications carried in, from, or through the Eligible Structure in which the virtual collocation space is located; or create hazards or cause physical harm to any individual or the public. Any of the foregoing would be in violation of this Appendix.
- 1.11 A Collocator may arrange for a mutually agreed upon vendor/contractor to engineer and install the virtually collocated equipment the Collocator purchases and the Collocator may pay the vendor/contractor directly. The installation contractor and their activity will be under the direction and control of Collocator who will ensure that the installation contractor meets all standards and requirements for installation of equipment, as required under this Appendix. If SBC MISSOURI chooses to have its personnel present when TCG-KC's equipment is installed, then SBC MISSOURI's presence will be at its own expense. However, if SBC MISSOURI demonstrates that TCG-KC contractor has or would have violated any standard or requirement for installation of equipment, as required under this Appendix, TCG-KC is responsible for the quantifiable expense incurred by SBC MISSOURI.
- 1.12 Federal Telecommunications Act of 1996
  - 1.12.1 SBC MISSOURI provides virtual collocation for interconnection to SBC MISSOURI for the transmission and routing of telephone exchange service and exchange access pursuant to 47 U.S.C. § 251(c)(2), and for access to SBC MISSOURI's unbundled network elements pursuant to 47 U.S.C. § 251(c)(3).

1.12.2 The use of virtual collocation for (1) interconnection to SBC MISSOURI or (2) access to SBC MISSOURI's unbundled network elements, in either case pursuant to 47 U.S.C. § 251(c), is available at SBC MISSOURI wire centers as specified in the National Exchange Carrier Association, Inc., tariff F.C.C. No. 4, and in SBC MISSOURI CEVs, Huts and Cabinets.

1.12.3 In addition, the following terms and conditions contained in the SBC MISSOURI's Physical Collocation Appendix shall apply to virtual collocation arrangements provided under this Appendix, and are incorporated herein by reference: Section 2-Definitions, Section 3-Limitation of Liability and Force Majeure Events, Section 4.5-Casualty Loss, Section 5.1-Certification, Section 5.5-Hazardous Waste & Materials, Section 5.6-Safety, Section 6.5-Cancellation Prior to Due Date, Section 6.6-Billing, Section 6.7- Late Payment Charge, Section 6.8- Allowance for Interruptions, Section 9.4-Threat to Personnel, Network, or Facilities, Section 9.5-Interference or Impairment, Section 9.7-Alterations, Section 11-Re-entry.

## **2.0 DEFINITIONS**

2.1 See Definitions Section 2, in the Physical Collocation Appendix.

## **3.0 PROVISIONING**

3.1 Virtual collocation for Interconnection to SBC MISSOURI or access to SBC MISSOURI-provided UNEs is ordered as set forth in SBC MISSOURI's Interconnector's Collocation Services Handbook for Virtual Collocation in 13-STATES. SBC MISSOURI will designate the location or locations within its wire centers, CEVs, Huts and Cabinets for the placement of all equipment and facilities associated with virtual collocation. Virtual collocation does not involve the reservation of segregated central office or CEV, Hut and Cabinet space for the use of Collocator.

3.2 SBC MISSOURI will provide Virtual Collocation for comparable equipment as it provides to itself in the central office, wire center, CEV, Hut or Cabinet, as the case may be.

## **4.0 COLLOCATOR RESPONSIBILITIES**

4.1 The customer will provide, under this Section of this Appendix, at its expense, all facilities and equipment required to facilitate interconnection and access to SBC MISSOURI's UNEs. The customer will, at its expense, provide the following:

4.1.1 All plug-ins and/or circuit packs (working, spare, and replacements),

4.1.2 All unique tools and test equipment,

4.1.3 Any ancillary equipment and cabling used for remote monitoring and control,

4.1.4 Any technical publications and updates associated with all Collocator-owned and provided equipment,

4.1.5 All training as described in Section 12.4.16.

4.2 The Collocator will provide, at its expense, replacements for any recalled, obsolete, defective or damaged facilities, equipment, plug-ins, circuit packs, unique tools, test equipment, or any other item or material provided by the Collocator for placement in/on SBC MISSOURI property. Suitable replacements are to be immediately provided to SBC MISSOURI to restore equipment.

4.3 The Collocator will provide at least the minimum number of usable equipment spares specified by the manufacturer. Replacements must be delivered to SBC MISSOURI central office using the equipment spare within five (5) days of notification that a spare was used or tested defective.

## **5.0 COOPERATIVE RESPONSIBILITIES**

5.1 SBC MISSOURI will work cooperatively with the Collocator to develop implementation plans including timelines associated with:

5.1.1 Placement of Collocator's fiber into the central office vault,

5.1.2 Location and completion of all splicing,

5.1.3 Completion of installation of equipment and facilities,

5.1.4 Removal of above facilities and equipment,

5.1.5 To the extent known, the Collocator can provide forecasted information to SBC MISSOURI on anticipated additional Virtual Collocation requirements,

5.1.6 To the extent known, the Collocator is encouraged to provide SBC MISSOURI with a listing of the equipment types that they plan to virtually collocate in SBC MISSOURI's central offices or CEVs, Huts and Cabinets. This cooperative effort will insure that SBC MISSOURI personnel are properly trained on Collocator equipment.

## **6.0 INTERVALS AND PROVISIONING**

6.1 Quote Intervals

6.1.1 Upon receipt of the Collocator's application and initial Planning Fee payment, SBC MISSOURI will begin development of the quotation. SBC MISSOURI will notify the Collocator as to whether its request for a virtual collocation arrangement has been granted or denied due to a lack of interconnection facilities or space within ten (10) calendar days of submission of the completed application.

6.1.2 In responding to an application request, SBC MISSOURI shall provide the quotation of the applicable nonrecurring and recurring rates, and the estimated construction interval no later than as specified below. The Collocator has forty-five (45) calendar days from receipt of the quotation to accept the quotation. The quotation expires after forty-five (45)

calendar days. After forty-five (45) calendar days, a new application and Planning Fee are required.

- 6.1.3 Price quote intervals are as follows and will run concurrent with the ten (10) calendar day notification interval for availability of virtual collocation interconnection:

<u>Number of Applications By One Collocator</u>	<u>Quotations Interval</u>
1 - 5	10 Calendar Days
6 - 10	15 Calendar Days
11 - 15	20 Calendar Days
16 - 20	25 Calendar Days

- 6.1.4 Should the Collocator submit twenty-one (21) or more applications within five (5) business days, the quotation interval will be increased by five (5) business days for every five (5) additional applications or fraction thereof. Any material revision to an application will be treated as a new application and will be subject to the time intervals set forth above.
- 6.1.5 A Collocator may obtain a shorter quote interval by scheduling a meeting with SBC MISSOURI at least twenty (20) calendar days prior to submission of the first application to discuss, coordinate and prioritize the Collocator applications.
- 6.1.6 Once SBC MISSOURI has completed its review of the virtual collocation application form inquiry, the entire completed quote package will be forwarded to the potential interconnector in writing with a cover letter. The interconnector has forty-five (45) calendar days to remit a signed confirmation form along with a check for fifty (50%) of all the applicable nonrecurring charges.
- 6.1.7 If the interconnector fails to respond within the forty-five (45) calendar day interval, should the interconnector decide at a later time to proceed with virtual collocation, a new application and Planning Fee will be required.

## 6.2 Implementation Intervals

- 6.2.1 A virtual collocation arrangement is not reserved until the quotation is accepted. When the quotation is accepted, unless otherwise mutually agreed to by the Parties in writing, SBC MISSOURI will allow the Collocator's vendor to begin equipment installation no later than ninety (90) calendar days from acceptance of the quotation. The virtual collocation interval ends when roughed in, unterminated DC power and interconnection cabling is provided to the virtual collocation area.
- 6.2.2 The construction intervals for virtual collocation arrangements are noted in Table 2-1. For Virtual Collocation in Active Collocation Space where the Collocator is requesting maximum DC Power of fifty (50) amps, either in a single or in multiple feeds of fifty (50) amps (maximum fifty (50) amps per feed), the Virtual Collocation construction intervals remain as stated below. For Virtual Collocation in Active Collocation Space where a

Collocator is requesting DC Power that exceeds fifty (50) amps from a single source (e.g., 100 amps) per feed, the construction interval is ninety (90) calendar days. These same construction intervals apply for virtual collocation in Eligible Structures such as CEVs (Vaults), Huts and Cabinets.

6.2.3 When the quotation is accepted, unless otherwise mutually agreed to by the Parties in writing, the construction intervals for virtual are as follows:

**Table 2-1**

<u>Type</u>	<u>Description</u>	<u>Interval</u>	<u>Exception</u>
Virtual	Active Collocation space	90 calendar days	With SBC MISSOURI installation of bays/racks/frames
Virtual	Active Collocation space	90 calendar days	With TCG-KC installation of bays/racks/frames

6.2.4 Where space is not suitable for central office equipment (e.g., it is not Active collocation space), SBC MISSOURI shall have an additional thirty (30) calendar days to prepare the space. Virtual collocation space is not reserved until the quotation is accepted.

6.2.5 When the quotation is accepted unless otherwise mutually agreed to by the Parties in writing, SBC MISSOURI will complete construction of Active Collocation Space requests for virtual collocation in ninety (90) calendar days from the receipt of the Collocator's acceptance of the quotation where power is available and the Collocator is installing all of its own bays. The virtual collocation construction interval ends when roughed in, unterminated DC power and interconnection cabling is provided to the collocation area. SBC MISSOURI will complete construction of Active Collocation Space requests for virtual collocation in ninety (90) calendar days from the receipt of the Collocator's acceptance of the quotation where SBC MISSOURI will be installing all or some of the bays. SBC MISSOURI considers power to be available if sufficient power plant capacity exists, the BDFB (if used) is within 100 feet of the Collocator's space and sufficient termination capacity on the power plant and/or BDFB exists.

6.2.6 If a completion date outside the time period required herein is not agreed to by the parties and not resolved through the Agreement's dispute resolution procedures, the issue may be presented by either party to the Missouri Corporation Commission for determination.

6.3 Installation of Virtual Collocation Equipment

6.3.1 SBC MISSOURI does not assume any responsibility for the design, engineering, testing, or performance of the end-to-end connection of the Collocator's equipment, arrangement, or facilities.

- 6.3.2 SBC MISSOURI will be responsible for using the same engineering practices as it does for its own similar equipment in determining the placement of equipment and engineering routes for all connecting cabling between collocation equipment.
- 6.3.3 In this arrangement, telecommunications equipment (hereafter referred to as equipment) is furnished by the Collocator and engineered and installed by a mutually agreed upon vendor for the Collocator. The Collocator will have the authority to select installation vendors. All installations of equipment will be in accordance with the Collocator-provided installation design and must comply with manufacturer's specifications and applicable published national standards approved by the FCC, and other governmental authorities that have jurisdiction.
- 6.3.4 The Collocator and SBC MISSOURI must jointly accept the installation of the equipment and facilities prior to the installation of any services using the equipment. As part of this acceptance, SBC MISSOURI will cooperatively test the collocated equipment and facilities with the Collocator.
- 6.3.5 SBC MISSOURI will provide TIRKS and/or SWITCH print out of actual point of termination/connection facilities assignment (APOT/CFA) to TCG-KCs at collocation space turnover. This information is used to request access and line sharing services. TCG-KC is responsible for payment of all non-recurring charges, where applicable, prior to receiving APOT/CFA information.
- 6.4 Revisions
- 6.4.1 All Revisions to an initial request for a virtual collocation arrangement submitted by the Collocator must be in writing via a new application form.
- 6.4.1.1 Major Revisions include:
- adding telecommunications equipment that requires additional electrical power
  - adding additional Collocator bays or equipment that impact the existing/proposed floor-space area provided to the Collocator in their quote package.
- 6.4.1.1.1 If the revision is major, a new interval for the virtual collocation arrangement will be established which shall not exceed two months.
- 6.4.1.2 Minor Revisions include:
- adding bays of equipment that do not significantly impact the existing/proposed electrical systems
  - adding light fixtures and outlets which do not exceed the capacity of the existing/proposed electrical system

- adjustments to the heat release projection which do not cause a change in the proposed/existing mechanical system

6.4.1.2.1 However, minor revisions will not require that a new interval be established. No additional Planning Fees shall be applicable if the revision is minor.

6.4.1.2.2 This list is not all-inclusive. Any revisions to the Collocator's application not specified above must be reviewed by SBC MISSOURI to determine whether the revision is major or minor.

## 6.5 Augments

6.5.1 In order to request an augment, the Collocator must submit a Virtual Collocation Application Form to SBC MISSOURI Collocation Service Center (CSC) indicating in Section 3 of the application that this is an "Augmentation to an Existing Arrangement." The price quote will contain the charges and the construction interval for that application.

6.5.2 SBC MISSOURI will work cooperatively with Collocator to negotiate mutually agreeable implementation intervals for augments.

## 7.0 EQUIPMENT PROVISIONING

7.1 The Collocator will arrange to deliver to SBC MISSOURI central office where the equipment is located a reasonable number, as recommended by the manufacturer, of all appropriate plug-ins, circuit packs and cards and any other equipment, plus all necessary circuit design and provisioning information on an agreed-upon date which is no later than two (2) business days prior to the scheduled turn-up of the Collocator's equipment.

7.2 For the disconnection of circuits, the Collocator will provide all circuit information no later than two (2) business days prior to the scheduled disconnection of the Collocator's circuit.

7.3 SBC MISSOURI does not assume any responsibility for the design, engineering, testing, or performance of the end-to-end connection of the Collocator's circuits.

## 8.0 REPAIR OF EQUIPMENT

8.1 Except in emergency situations, the Collocator-owned fiber optic facilities and central office terminating equipment will be repaired only upon the request of the customer. In an emergency, SBC MISSOURI may perform necessary repairs without prior notification. The labor rates specified in Section 12.4.17 apply to SBC MISSOURI central offices and SBC MISSOURI CEVs, Huts and Cabinets and are applicable for all repairs performed by SBC MISSOURI on the Collocator's facilities and equipment.

8.2 When initiating repair requests on Collocator owned equipment, the Collocator must provide SBC MISSOURI with the location and identification of the equipment and a detailed description of the trouble.

8.3 Upon notification by the Collocator and availability of spare parts as provided by the Collocator, SBC MISSOURI will be responsible for repairing the Virtually Collocated equipment at the same standards that it repairs its own equipment.

## **9.0 MAINTENANCE OF EQUIPMENT**

9.1 The Collocator will request any and all maintenance by SBC MISSOURI on its Virtually Collocated facilities or equipment. When initiating requests for maintenance on collocated equipment, the Collocator must provide SBC MISSOURI with the location and identification of the equipment and a detailed description of the maintenance requested.

9.2 Upon notification by the Collocator and availability of spare parts as provided by the Collocator, SBC MISSOURI will be responsible for maintaining the Virtually Collocated equipment at the same standards that it maintains its own equipment.

## **10.0 ALARM COLLECTION**

10.1 The Collocator has the ability to purchase its own remote monitoring and alarming equipment.

10.2 Since the maintenance of the Collocator's equipment is at the direction and control of the Collocator, SBC MISSOURI will not be responsible for responding to alarms and will only conduct maintenance and repair activities at the direction of the Collocator.

## **11.0 TERMINATION OF VIRTUAL COLLOCATION**

11.1 Upon termination of the Virtual Collocation arrangement, the Collocator will work cooperatively with SBC MISSOURI to remove the Collocator's equipment and facilities from SBC MISSOURI's property subject to the condition that the removal of such equipment can be accomplished without damaging or endangering other equipment located in the central office. SBC MISSOURI is not responsible for and will not guarantee the condition of such equipment. The Collocator is responsible for arranging for and paying for the removal of virtually collocated equipment including all costs associated with equipment removal, packing and shipping. Arrangements for and the removal of the Collocator virtually collocated equipment must be made within thirty (30) business days after termination of the virtual collocation arrangement, unless a different time period is mutually agreed upon. SBC MISSOURI shall be responsible for exercising reasonable caution when removing virtually collocated equipment. SBC MISSOURI will only be responsible for damage done to such equipment caused by gross negligence on the part of SBC MISSOURI or its contractors during the removal process. However, Collocator will indemnify and hold SBC MISSOURI harmless for any damage done to virtually collocated equipment if SBC MISSOURI permits the Collocator to hire a contractor approved by SBC MISSOURI to remove virtually collocated equipment. Any equipment not removed in this time frame may be removed by SBC MISSOURI and stored in a non-Company location, at the expense of the Collocator. Upon termination of the Virtual Collocation, the Collocator must remove the fiber entrance cable used for

the Virtual Collocation. If the entrance cable is not scheduled for removal within seven (7) days, SBC MISSOURI may arrange for the removal, and the Collocator will be responsible for any charges incurred to remove the cable. SBC MISSOURI and the Collocator will cooperatively manage the removal process. The Collocator is only responsible for physically removing entrance cables housed in conduits or inner-ducts and will only be required to do so when SBC MISSOURI instructs the Collocator that such removal can be accomplished without damaging or endangering other cables contained in a common duct or other equipment residing in the central office.

## **12.0 RATE REGULATIONS**

- 12.1 This Section contains specific regulations governing the rates and charges that apply to Virtual Collocation for the purpose of interconnecting to SBC MISSOURI under section 251(c)(2) and for access to SBC MISSOURI-provided UNEs under 251(c)(3), when the Collocator provides the equipment.
- 12.2 There are two types of rates and charges that apply to the various rate elements for Virtual Collocation. These are non-recurring charges and monthly recurring rates.
- 12.3 Rates and charges specific to Virtual Collocation for interconnection with SBC MISSOURI for the transmission and routing of telephone exchange service and exchange access under section 251(c)(2), and for access to SBC MISSOURI-provided UNEs under 251(c)(3) in SBC MISSOURI's Central Offices are set forth in the Pricing Schedule (Rates and Charges for SBC MISSOURI Central Offices). Rates and charges specific to Virtual Collocation for access to SBC MISSOURI-provided UNEs in SBC MISSOURI CEVs, Huts and Cabinets are set forth the Pricing Schedule (Rates and Charges for SBC MISSOURI CEVs, Huts and Cabinets).
- 12.4 Rate Elements for SBC MISSOURI Central Offices

Consistent with provisions in Section 12, the following provides a list of the specific rate elements for virtual collocation for interconnection with SBC MISSOURI for the transmission and routing of telephone exchange service and exchange access, and for access to SBC MISSOURI's provided UNEs to be used in conjunction with virtual collocation in SBC MISSOURI's Central Offices.

### **12.4.1 Planning Fee**

- 12.4.1.1 The Planning Fee recovers SBC MISSOURI costs incurred to estimate the quotation of charges, project management costs, engineering costs, and other related planning activities for the Collocator's request for a virtual collocation arrangement. The Planning Fee also provides for SBC MISSOURI personnel to survey each requested location for availability of space for the placement of entrance cables as well as to determine floor space to physically place Collocator-designated equipment expressed as a non-recurring charge. The Planning Fee is applied on an initial and subsequent basis. The initial charge will apply to the Collocator's request for a virtual collocation arrangement or the addition of cable. The subsequent planning charge will apply to any additional interconnection or power arrangements. Charges for this sub-element are specified in the Pricing Schedule.

## 12.4.2 Floor Space

12.4.2.1 This sub-element provides for the "occupancy" cost per bay framework associated with using the floor space in SBC MISSOURI's central offices expressed as a monthly rate. Charges for the sub-elements are specified in the Pricing Schedule.

## 12.4.3 Relay Rack (Optional)

12.4.3.1 This sub-element provides the cost per Standard Bay relay rack when provided by SBC MISSOURI expressed as a monthly rate. SBC MISSOURI's Standard Bay dimensions are 7' 0" high, and have a 23" interior width, 25" exterior width, and up to 15" deep. In those cases where an individual relay rack and associated floor space are shared by SBC MISSOURI and the Collocator or among Collocators, the floor space and relay rack associated will be apportioned on a quarter rack basis. When the standard bay relay rack is provided by the Collocator, this rate element will not apply. Charges for this element are specified in the Pricing Schedule.

## 12.4.4 Common Systems Materials

12.4.4.1 This sub-element provides the infrastructure installation and maintenance of ironwork, racking, and lighting above the equipment bays. Charges for the sub-elements are specified in the Pricing Schedule. The common systems sub-element is distinct for standard and non-standard. In those cases where common systems materials for an individual relay rack and associated floor space are shared with the Collocator or among Collocators, the common systems materials for the floor space and relay rack associated will be apportioned on a quarter rack basis.

## 12.4.5 Real Estate

12.4.5.1 These rate elements provide for SBC MISSOURI to recover the costs associated with preparing the Eligible Structure for telecommunications equipment (Site Conditioning) and securing the space (Safety and Security).

### 12.4.5.2 Site Conditioning

12.4.5.2.1 Permits SBC MISSOURI to recover costs associated with preparing space within the Eligible Structure for telecommunications equipment. The nonrecurring charge for this sub-element is specified in the Pricing Schedule.

### 12.4.5.3 Safety and Security

12.4.5.3.1 Permits SBC MISSOURI to recover costs associated with securing the telecommunications area used for Virtual Collocation. The nonrecurring charge for this sub-element is specified in the Pricing Schedule.

### 12.4.6 Entrance Fiber Optic Arrangement

12.4.6.1 This sub-element provides for SBC MISSOURI pulling and splicing fiber cable between the manhole and cable vault, and the subsequent routing of fiber riser cable between the cable vault and FDF. Charges for this rate element are in the Pricing Schedule.

### 12.4.6.2 Entrance Conduit, per sheath

12.4.6.2.1 This sub-element represents any reinforced passage or opening in, on, under, over or through the ground between the first manhole and the cable vault through which the fiber optic cable is placed. Charges for this element are specified in the Pricing Schedule.

### 12.4.7 DC Power Arrangement Provisioning

12.4.7.1 This sub-element is the cable and cable rack including support and fabrication material necessary to support the virtually collocated equipment expressed as a monthly rate for either 2-20 AMP feeds or 2-50 AMP feeds. Fuse panels necessary for terminating power feeds at the Collocator's equipment bay are provided by the Collocator. In the event that a Collocator requires a power arrangement that exceeds 50 AMPS from a single source, SBC MISSOURI will cooperatively work with the Collocator using comparable rate elements as the basis for such arrangements. Cable sizing is based on list 2 design loads. Charges for this sub-element are specified in the Pricing Schedule.

### 12.4.8 DC Power Amperage Charge

#### 12.4.8.1 DC Power per AMP

12.4.8.1.1 This is a monthly recurring charge which is determined by multiplying the per DC amp rate by the total amount of DC amps provided over one of the two power feeds ordered by the Collocator for its power arrangement. By way of example, where TCG-KC orders DC Power in a 20-amp increment, it will be considered to have ordered two 20-amp power feeds and SBC MISSOURI will provision two (2) twenty (20) AMP DC power leads that have been fused (for a combined total of forty (40) AMPS), but SBC shall only bill TCG-KC the monthly recurring charge applicable to DC Power for a total of twenty (20) AMPs. The DC power charge per amp

consists of the use of: DC power plant, backup generator, batteries & rectifiers, BDFB, associated hardware & cabling, and AC energy to convert to DC power. Charges for this sub-element are specified in the Pricing Schedule.

#### 12.4.8.2 Heating, Ventilating, and Air Conditioning (HVAC)

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

#### 12.4.8.3 Ground Cable Arrangement

12.4.8.3.1 The Ground Cable Arrangement is the cabling arrangement designed to provide grounding for equipment per frame expressed as a monthly rate. Separate Ground Cable Arrangements are required for Integrated and Isolated Ground Planes. Charges for this element are specified in the Pricing Schedule.

#### 12.4.9 DS0 Voice Grade Interconnection Cable Arrangement

12.4.9.1 This sub-element provides for the cost associated with providing DS0 voice grade (100 pairs) Non-Shielded or Shielded between SBC MISSOURI's Distributing Frame and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate. Charges for these sub-elements are specified in the Pricing Schedule.

#### 12.4.10 DS-1 Interconnection Cable Arrangement to DCS

12.4.10.1 This sub-element provides for the cost associated with providing 28 DS-1 cabling arrangement between SBC MISSOURI's DCS functionality purchased from the Collocator's Agreement and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate.

12.4.10.2 Charges for this sub-element are specified in the Pricing Schedule.

#### 12.4.11 DS-1 Interconnection Cable Arrangement to DSX

12.4.11.1 This sub-element provides for the cost associated with providing 28 DS-1 cabling arrangement between SBC MISSOURI's DSX functionality purchased from the Collocator's Agreement and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate. Charges for this sub-element are specified in the Pricing Schedule.

#### 12.4.12 DS-3 Interconnection Cable Arrangement to DCS

12.4.12.1 This sub-element provides for the cost associated with providing one DS-3 cabling arrangement between SBC MISSOURI's DCS functionality purchased from the Collocator's Agreement and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate. Charges for this sub-element are specified in the Pricing Schedule.

#### 12.4.13 DS-3 Interconnection Cable Arrangement to DSX

12.4.13.1 This sub-element provides for the cost associated with providing one DS-3 cabling arrangement between SBC MISSOURI's DSX functionality purchased from the Collocator's Agreement and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate. Charges for this sub-element are specified in the Pricing Schedule.

#### 12.4.14 Fiber Interconnection Cable Arrangement

12.4.14.1 This sub-element provides for the cost associated with providing 12 fibers pairs between SBC MISSOURI's FDF and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate. Charges for this sub-element are specified in the Pricing Schedule.

#### 12.4.15 Timing Source Arrangement (Optional)

12.4.15.1 SBC MISSOURI provided single signal from SBC MISSOURI's timing source to provide synchronization between a Collocator's single network element and SBC MISSOURI's equipment expressed as a recurring and non-recurring rate. Charges for this sub-element, if requested by the Collocator are specified in the Pricing Schedule.

#### 12.4.16 Training

12.4.16.1 SBC MISSOURI is responsible for determining when training is necessary and how many of SBC MISSOURI's employees require training to provide 24 hour a day, seven day a week coverage for the installation, maintenance and repair of Collocator's designated equipment not currently used in a wire center selected by the Collocator for virtual collocation. SBC MISSOURI will be limited to request training for four (4) of SBC MISSOURI's personnel per location, unless a different number is mutually agreed upon by SBC MISSOURI and Collocator.

12.4.16.2 The Collocator may have SBC MISSOURI arrange for the required training of SBC MISSOURI's personnel. The non-recurring charges applicable for training are listed on in the Pricing Schedule.

12.4.16.3 If SBC MISSOURI chooses not to coordinate the required training, the Collocator will assume the responsibility for providing the training. It is then the responsibility of the Collocator to:

12.4.16.3.1 arrange and pay to the supplier all costs for training sessions, including the cost of the trainer(s), transportation and lodging of such trainer(s), and required course material, and

12.4.16.3.2 arrange and pay to each individual supplier all costs associated with lodging and other than domestic transportation, such as airfare, required for SBC MISSOURI employee training.

12.4.16.3.3 arrange and pay all costs associated with SBC MISSOURI employee(s) attendance at the training, including lodging and other than local transportation, such as airfare, and employee(s) labor rate for time away from the job, required for SBC MISSOURI employee training.

12.4.16.4 SBC MISSOURI will work cooperatively with the Collocator to schedule SBC MISSOURI's personnel training time required for the installation, maintenance and repair of the Collocator's designated equipment. The Collocator will be assessed two hours of the technician additional labor charge for SBC MISSOURI's personnel time required to coordinate training activities with the Collocator. The Collocator will be responsible for reimbursement of applicable Company contractual compensation obligations for time spent as a result of the necessary training. All other charges, if applicable, specified in Section 12.4.16 will be assessed to the Collocator.

#### 12.4.17 Maintenance and Repair Labor Rates

##### 12.4.17.1 Maintenance of Equipment

12.4.17.1.1 This rate element is a labor rate charged by SBC MISSOURI to the Collocator for ongoing maintenance of the Collocator's equipment. Any maintenance requirements will be initiated by the Collocator. Labor rates are based upon a 1/4 hour basis and are dependent upon day of week and time of day.

12.4.17.1.2 For purposes of this Appendix, normal weekday is defined as 8:00 a.m. through 5:00 p.m., Monday through Friday, excluding holidays. Non-recurring charges for this sub-element are specified in the Pricing Schedule.

##### 12.4.17.2 Repair of Equipment

12.4.17.2.1 This rate element is a labor rate charged by SBC MISSOURI to the Collocator for repair of the Collocator's equipment. All repair will be at the direction of the Collocator.

12.4.17.2.2 Labor rates are based upon a charge for Network Operations Center (NOC) personnel to take the trouble report, create a trouble ticket, and dispatch a technician. Labor rates for actual repair of the trouble are based upon a 1/4 hour basis and are dependent upon day of week and time of day.

12.4.17.2.3 For purposes of this Appendix, normal weekday is defined as 8:00 a.m. through 5:00 p.m., Monday through Friday excluding holidays. Non-recurring charges for this sub-element are specified in the Pricing Schedule.

12.4.18 Collocation-to-Collocation Connection -- Within a contiguous area within the eligible structure, SBC MISSOURI will permit Collocators to construct their own cross-connect facilities to other physical collocators using copper or optical facilities between collocated equipment located within the same Eligible Structure, subject only to the same reasonable safety requirements that SBC MISSOURI imposes on its own equipment. SBC MISSOURI shall not require physical to physical collocators to purchase any equipment or cross-connect capabilities solely from SBC MISSOURI itself. If requested by the collocator, SBC MISSOURI will provide only the installation of physical structure(s) and the associated labor necessary for the Collocator(s) to pull its facilities from its equipment space to the equipment space of another Collocator. However, if the Collocators cannot physically pull the cable themselves (i.e., located on different floors), SBC MISSOURI will perform the necessary construction on a standard Custom Work Order basis and perform the cable pull. SBC MISSOURI (1) will not make any physical connection within the Collocator's dedicated space; (2) will not have any liability for the cable or the connections, or the traffic carried thereon; and (3) will not maintain any records concerning these connections. If a physical Collocator and a virtual Collocator both have purchased dedicated appearances not then in use on a DSX-1 panel, DSX-3 panel, or FDF located within contiguous areas within the eligible structure, then SBC MISSOURI will permit the interconnection of physically and virtually collocated equipment by connection of copper or optical facilities to the collocators' dedicated appearances on the DSX-1 panel, DSX-3 panel, or FDF, subject only to the same reasonable safety requirements that SBC MISSOURI imposes on its own equipment. The connections shall be made within ten (10) days of a joint request by the Collocators. At SBC MISSOURI's option, the connection may be made either by SBC MISSOURI or by the Collocators' installers, who shall be on SBC MISSOURI's list of approved installation vendors.

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

#### 12.4.18.1 Fiber Cable (12 Fiber pair)

12.4.18.1.1 This sub-element provides for direct cabling using fiber cable (12 fibers pairs) between two collocation arrangements at an Eligible Structure. This sub-element is expressed as a combination of a non-recurring charge and a monthly rate and these charges are specified in the Pricing Schedule.

#### 12.4.18.2 Copper Cable (28 DS1s)

12.4.18.2.1 This sub-element provides for direct cabling using copper cable (28 DS1s) between two collocation arrangements at an Eligible Structure. This sub-element is expressed as a combination of a non-recurring charge and a monthly rate and these charges are specified in the Pricing Schedule.

#### 12.4.18.3 Coax Cable (1 DS3)

12.4.18.3.1 This sub-element provides for direct cabling using coaxial cable (1 DS3) between two collocation arrangements at an Eligible Structure. This sub-element is expressed as a combination of a non-recurring charge and a monthly rate and these charges are specified in the Pricing Schedule.

#### 12.4.18.4 Cable Racking and Hole

12.4.18.4.1 This sub-element provides for cable rack space and hole for copper, coax and optical cabling between two collocation arrangements at an Eligible Structure. This sub-element is expressed as a monthly rate specified in the Pricing Schedule.

#### 12.4.18.5 Route Design

12.4.18.5.1 This sub-element provides the route design for collocation-to-collocation connections. This sub-element is expressed as a non-recurring charge and this charge is specific in the Pricing Schedule.

#### 12.4.19 Equipment Evaluation Cost

12.4.19.1 This rate element is a labor rate charged by SBC MISSOURI to the Collocator for evaluating the Collocator's equipment when not meeting Level 1 Safety requirements as set forth in Bellcore Network Equipment - Building Systems (NEBS). Charges for this element are specified in the Pricing Schedule.

#### 12.4.20 Test and Acceptance

12.4.20.1 This rate element is a labor rate charged by SBC MISSOURI to the Collocator for cooperative assisting the Collocator's approved vendor in testing and accepting the installed virtually collocated equipment. Charges for this element are specified in the Pricing Schedule.

#### 12.5 Rate Elements for SBC MISSOURI's CEVs, Huts and Cabinets

The following provides a list of the specific rate elements for virtual collocation for access to SBC MISSOURI's provided UNEs in SBC MISSOURI's CEVs, Huts and Cabinets.

#### 12.5.1 Entrance Cable Fiber

12.5.1.1 This sub-element provides for the engineering of a point of appearance cable termination, preparation of work order drawings, postings of the work order and cable data in the appropriate databases for inventory and provisioning purposes, excavation to expose existing subsurface facilities, pulling the Collocator-provided cable into the eligible structure, routing, securing and preparing the end for splicing or termination.

12.5.1.2 Charges for these sub-elements are specified in the Pricing Schedule.

#### 12.5.2 Entrance Conduit

12.5.2.1 Any reinforced passage or opening placed for the Collocator provided facility in, on, under/over or through the ground between SBC MISSOURI CEV, Hut, or Cabinet and the Collocator structure. Rates and charges are set forth in the Pricing Schedule.

#### 12.5.3 DC Power Consumption

12.5.3.1 This sub-element provides for the use of power in the Hut, CEV, or cabinet based on the amount of mounting space that is used by the Collocator as measured in 2-inch increments. Charges for this sub-element are expressed as a recurring charge and set forth in the Pricing Schedule.

#### 12.5.4 24-Foot CEV

12.5.4.1 This sub-element provides for the use of mounting space within a 24-foot CEV. This element is expressed as a monthly rate. The charge for this sub-element is specified in the Pricing Schedule.

#### 12.5.5 16-Foot CEV

12.5.5.1 This sub-element provides for the use of mounting space within a 16-Foot CEV. This element is expressed as a monthly rate. The charge for this sub-element is specified in the Pricing Schedule.

#### 12.5.6 Maxi-Hut

12.5.6.1 This sub-element provides for the use of mounting space within a Maxi-Hut. This element is expressed as a monthly rate. The charge for this sub-element is specified in the Pricing Schedule.

#### 12.5.7 Mini-Hut

12.5.7.1 This sub-element provides for the use of mounting space within a Mini-Hut. This element is expressed as a monthly rate. The charge for this sub-element is specified in the Pricing Schedule.

#### 12.5.8 Large Cabinet

12.5.8.1 This sub-element provides for the use of mounting space within a Large Cabinet. This element is expressed as a monthly rate. The charge for this sub-element is specified in the Pricing Schedule.

#### 12.5.9 Medium Cabinet

12.5.9.1 This sub-element provides for the use of mounting space within a Medium Cabinet. This element is expressed as a monthly rate. The charge for this sub-element is specified in the Pricing Schedule.

#### 12.5.10 Small Cabinet

12.5.10.1 This sub-element provides for the use of mounting space within a Small Cabinet. This element is expressed as a monthly rate. The charge for this sub-element is specified in the Pricing Schedule.

#### 12.5.11 Project Coordination Fee

12.5.11.1 The project coordination fee provides for SBC MISSOURI personnel to survey each requested CEV, Hut and Cabinet for availability of space for placement of copper or fiber cables as well as to determine space for any Collocator-designated equipment. This sub-element is expressed as a non-recurring charge and is specified in the Pricing Schedule.

### **13.0 ALTERNATIVE VIRTUAL COLLOCATION ARRANGEMENT DESCRIPTION**

13.1 Virtual collocation wherein the Collocator maintains and repairs the virtually collocated equipment.

13.2 For purposes of virtually collocating equipment, SBC MISSOURI shall determine which Eligible Structures require access to CEVs, Huts, or manholes containing concentrated cabling and other forms of equipment that requires drawings, schematics, or other engineering documents that aide in the prevention of accidental network outages. The drawings, schematics, or other engineering documents shall denote the location of the requesting Collocator's equipment and cabling without disclosing identity of equipment and cabling belonging to SBC MISSOURI and other Collocators.

13.3 After Collocator has been provided with written notification by SBC MISSOURI that access to CEVs, Huts, or manholes containing concentrated cabling and other forms of equipment requires drawings, schematics, or other engineering documents that aide in the prevention of accidental network outages, Collocator may not enter an Eligible Structures without obtaining undated copies

of drawings, schematics, or other engineering documents. Upon request, SBC MISSOURI shall immediately make available to Collocator those drawings, schematics, or other engineering documents that identify the location of the requesting Collocator's equipment and cabling. In the event the requested documents are not immediately available, SBC MISSOURI shall not prevent the Collocator from entering the Eligible Structure. If SBC MISSOURI does not immediately make the requested documents available to a Collocator and the Collocator enters the Eligible Structure, SBC MISSOURI shall deliver the requested documents to Collocator immediately upon locating same.

- 13.4 SBC MISSOURI will provide a security escort with the Collocator paying the expense for the escort. SBC MISSOURI will provide the security escort as soon as reasonably possible, or within the time frame agreed to by the parties, at the time of notice. In the event the FCC determines that SBC MISSOURI may not require a security escort paid for by the Collocator, then this virtual collocation maintenance alternative as described in this Section 1.1 is null and void, and all virtual collocation will be maintained by SBC MISSOURI as described in Section 1.1.
- 13.5 Prior to entering an Eligible Structure that requires drawings, schematics, or other engineering documents, Collocator must provide SBC MISSOURI with reasonable notice of the entry. Notice will be provided to SBC MISSOURI's Local Operations Center, which will be available to receive notice twenty-four (24) hours a day, seven (7) days a week. Collocator providing notice to SBC MISSOURI's Local Operations Center must specify the title and date of all drawings, schematics, or other engineering documents that will be used while in the Eligible Structure.
- 13.6 The Collocator shall conduct background checks of the technicians who have access to the collocation space. Collocator technicians will be security qualified by the Collocator and will be required to be knowledgeable of SBC MISSOURI security standards. Disciplinary procedures shall be established in accordance with Section 14.3 to ensure the safety and integrity of the Eligible Structure, including, e.g., procedures that require the responsible employee to be terminated for certain specified actions that damage or place the equipment of SBC MISSOURI or other Collocators in jeopardy.
- 13.7 SBC MISSOURI may use security devices, e.g., identification swipe cards, keyed access, and/or logs, as appropriate for the Eligible Structure where collocation will take place.
- 13.8 SBC MISSOURI shall be permitted to recover the cost of such security devices from the Collocator in a reasonable manner. The Collocator shall provide indemnification and insurance to cover any damages caused by the Collocator's technicians at a level commensurate with the indemnification and insurance provided by SBC MISSOURI's equipment suppliers with equivalent access.
- 13.9 Provisioning of equipment required for virtual collocation, e.g., power arrangements and interconnection arrangements will be provided in accordance with this Appendix.

#### **14.0 OBLIGATIONS OF THE COLLOCATOR**

- 14.1 Indemnification of SBC MISSOURI

- 14.1.1 Except as otherwise provided, the indemnity provisions of the Agreement between SBC MISSOURI and the Collocator shall apply and are incorporated herein by this reference. However, in no event will the provisions in this Section supersede or override the indemnification provisions contained in the Agreement between SBC MISSOURI and Collocator. Additionally, in the event of a conflict between indemnification provisions in the Agreement and this Appendix, the provisions in the Agreement will control.
- 14.1.2 Collocator shall indemnify and hold harmless SBC MISSOURI, the agents, employees, officers, directors and shareholders of any of them ("Indemnities"), from and against any and all liabilities, obligations, claims, causes of action, fines, penalties, losses, costs, expenses (including court costs and reasonable attorney's fees), damages, injuries, of any kind, (individually and collectively "Liabilities"), including but not limited to, Liabilities as a result of (a) injury to or death of any person; (b) damage to or loss or destruction of any property; or (c) Liabilities related in any manner to employee benefits, workers compensation, payroll tax, and any other employer obligations which may be asserted against SBC MISSOURI where such liabilities arise in connection with Collocator's use of persons that it classifies as an independent contractor or subcontractor to perform obligations under this Appendix; (d) attachments, liens or claims of material persons or laborers arising out of or resulting from or in connection with this Appendix or the performance of or failure to perform and directly or indirectly caused, in whole or part, by acts of omissions, negligent or otherwise, of Collocator or a contractor or a representative of Collocator or an employee of any one of them, except to the extent such Liabilities arise from the negligence or willful or intentional misconduct of SBC MISSOURI or its employees. The provisions in this Section are reciprocal and applicable also to SBC MISSOURI.
- 14.1.3 SBC MISSOURI shall make best efforts to promptly notify Collocator of any suit or other legal proceeding asserting a claim for Liabilities. Upon request, Collocator shall, at no cost or expense to the Indemnitee, defend any such suit or legal proceeding asserting a claim for Liabilities, and Collocator shall pay any costs and attorneys' fees that may be incurred by any Indemnitee in connection with any such claim, proceeding or suit. Collocator shall also (a) keep SBC MISSOURI and any other Indemnitee subject to any such claim fully informed as to the progress of such defense, and (b) afford SBC MISSOURI and such Indemnitee, each at its own expense, an opportunity to participate on an equal basis with Collocator in the defense or settlement of any such claim.

## 14.2 Insurance

The Collocator agrees to maintain, at all times, the following minimum insurance coverages and limits and any additional insurance and/or bonds required by law:

- 14.2.1 Workers' Compensation insurance with benefits afforded under the laws of the State of MISSOURI and Employers Liability insurance with minimum limits of \$100,000 for Bodily Injury-each accident, \$500,000 for Bodily Injury by disease-policy limits and \$100,000 for Bodily Injury by disease-each employee.

- 14.2.2 Commercial General Liability insurance with minimum limits of: \$2,000,000 General Aggregate limit; \$1,000,000 each occurrence sub-limit for all bodily injury or property damage incurred in any one occurrence; \$1,000,000 each occurrence sub-limit for Personal Injury and Advertising; \$2,000,000 Products/Completed Operations Aggregate limit, with a \$1,000,000 each occurrence sub-limit for Products/Completed Operations.
- 14.2.2.1 Fire Legal Liability sub-limits of \$300,000 are required for lease agreements. SBC MISSOURI will be named as an Additional Insured on the Commercial General Liability policy.
- 14.2.3 If use of an automobile is required, Automobile Liability insurance with minimum limits of \$1,000,000 combined single limits per occurrence for bodily injury and property damage, which coverage shall extend to all owned, hired and non-owned vehicles. All Risk Property coverage on a full replacement cost basis insuring all of Collocator's personal property situated on or within the Eligible Structure.
- 14.2.4 Collocator releases SBC MISSOURI from and waives any and all right of recovery, claim, action or cause of action against SBC MISSOURI, its agents, directors, officers, employees, independent contractors, and other representatives for any loss or damage that may occur to equipment or any other personal property belonging to Collocator or located on or in the space at the request of Collocator when such loss or damage is by reason of fire or water or the elements or any other risks that would customarily be included in a standard all risk casualty insurance policy covering such property, regardless of cause or origin, including negligence of SBC MISSOURI, its agents, directors, officers, employees, independent contractors, and other representatives. Property insurance on Collocator's fixtures and other personal property shall contain a waiver of subrogation against SBC MISSOURI, and any rights of Collocator against SBC MISSOURI for damage to Collocator's fixtures or personal property are hereby waived. Collocator may also elect to purchase business interruption and contingent business interruption insurance, knowing that SBC MISSOURI has no liability for loss of profit or revenues should an interruption of service occur that is attributable to any Virtual Collocation arrangement provided under this Appendix.
- 14.2.5 SBC MISSOURI requires that companies affording insurance coverage have a B+ VII or better rating, as rated in the A.M. Best Key rating Guide for Property and Casualty Insurance Companies.
- 14.2.6 A certificate of insurance stating the types of insurance and policy limits provided the Collocator must be received prior to commencement of any work. The insurance provisions and requirements are reciprocal to SBC MISSOURI as well. If a certificate is not received, SBC MISSOURI will notify the Collocator and the Collocator will have five (5) business days to cure the deficiency.
- 14.2.7 If the Collocator does not cure the deficiency within five (5) business days, Collocator hereby authorizes SBC MISSOURI, and SBC MISSOURI may, but is not required to, obtain insurance on behalf of the Collocator as specified herein. SBC MISSOURI will invoice Collocator for the costs incurred to so acquire insurance.

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

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

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

14.2.10 Self-insurance in lieu of the insurance requirements listed preceding shall be permitted if the Collocator 1) has a tangible net worth of Fifty (50) Million dollars or greater, and 2) files a financial statement annually with the Securities and Exchange Commission and/or having a financial strength rating of 4A or 5A assigned by Dun & Bradstreet. The ability to self-insure shall continue so long as the Collocator meets all of the requirements of this Section. If the Collocator subsequently no longer satisfies this Section, the coverage requirements described above shall immediately apply.

#### 14.3 Conduct While in SBC MISSOURI Eligible Structures

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

14.3.1.1 Theft or destruction of SBC MISSOURI's or Collocator's property;

14.3.1.2 Use/sale or attempted use/sale of alcohol or illegal drugs on SBC MISSOURI's property;

14.3.1.3 Threats or violent acts against other persons on SBC MISSOURI's property;

14.3.1.4 Knowing violations of any local, state or federal law on SBC MISSOURI's property;

14.3.1.5 Permitting unauthorized persons access to SBC MISSOURI or Collocator's equipment on SBC MISSOURI's property; and

14.3.1.6 Carrying a weapon on SBC MISSOURI's property.

14.3.2 In addition, Collocator and SBC MISSOURI will take appropriate disciplinary steps as determined by each party to address any violations reported by SBC MISSOURI or the Collocator of SBC MISSOURI's policies and practices on security, safety, network

reliability, and business conduct as defined in SBC MISSOURI's Interconnector's Collocation Services Handbook for Virtual Collocation in 13-STATES, provided the Handbook and any and all updates to it are timely provided to Collocator at no charge.

- 14.3.3 Collocator technicians will be security qualified by the Collocator and will be required to be knowledgeable of SBC MISSOURI security standards. Collocator personnel and technicians will undergo the same level of security training, or its equivalent that SBC MISSOURI's own employees and authorized contractors must undergo. SBC MISSOURI will not, however, require Collocator to receive security training from SBC MISSOURI, but will provide information to Collocator on the specific type of training required. Collocator can then provide its employees with their own security training. Qualification program and security training details shall be included in SBC MISSOURI's Interconnector's Collocation Services Handbook for Virtual Collocation.

## **15.0 COOPERATIVE RESPONSIBILITIES**

### **15.1 Qualification of Collocator**

- 15.1.1 Collocator technicians will be security qualified by the Collocator and will be required to be knowledgeable of SBC MISSOURI's security standards. Collocator personnel and technicians will undergo the same level of security training, or its equivalent that SBC MISSOURI's own employees and authorized contractors must undergo. SBC MISSOURI will not, however, require Collocator to receive security training from SBC MISSOURI, but will provide information to Collocator on the specific type of training required. Collocator can then provide its employees with their own security training. Qualification program and security training details shall be included in SBC MISSOURI's Interconnector's Collocation Services Handbook for Virtual Collocation in 13-STATES.

## **16.0 RATE REGULATIONS**

The rate element descriptions and rates and charges included in 12 preceding apply to this virtual collocation alternative wherein the Collocator maintains and repairs the virtually collocated equipment. Additional rate elements and rates apply to this alternative as provided for below.

### **16.1 Rate Elements for SBC MISSOURI's Offices**

- 16.1.1 This security escort charge consists of the charges for SBC MISSOURI-provided security escorts for Collocator Vendor's access to their virtual collocation space in Staffed and Unstaffed Central Offices. Any escort requirements will be initiated by the Collocator. Labor rates are based upon a ¼ hour basis and are dependent upon day of week and time of day. For purposes of this Appendix, normal week day is defined as 8:00 a.m. through 5:00 p.m., Monday through Friday, excluding holidays. The billing period will start at the time the technician is contacted. This will allow for travel time to reach the agreed meet point. Access requests outside of normal business hours or for unstaffed Central Offices which are cancelled will be subject to the minimum four (4) hour call out charge. Non-recurring charges for this sub-element are specified in the Pricing Schedule.

## 16.2 Rate Element for SBC MISSOURI's CEV, HUT, and Cabinets

16.2.1 The security escort charge consists of the charges for SBC MISSOURI provided security escorts for Collocator Vendor's access to their virtual collocation space in CEVs, Huts and Cabinets. Any escort requirements will be initiated by the Collocator. Labor rates are based upon a 1/4 hour basis. The billing period will start at the time the technician is contacted. This will allow for travel time to reach the agreed upon meet point. Access requests which are cancelled will be subject to the minimum four (4) hour call-out charge. Rates and charges are set forth in the Pricing Schedule.

## 16.3 Application of Rates and Charges

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

## 17.0 CDOW (TCG-KCs DOING OWN WORK) - COLLOCATOR RESPONSIBILITIES

When the Collocator selects the option to provide, install, and terminate their interconnection and power cabling with an SBC MISSOURI Approved Vendor, the following Sections will apply. However, the terms and conditions within CDOW are not comprehensive. There are terms and conditions from the preceding Sections of this same Appendix that still apply for CDOW for rate elements that are not specifically addressed within Section 17 following.

### 17.1 Interconnection Cable

17.1.1 The Collocator has the option to provide, install and terminate its interconnection cabling between the Collocator's Dedicated Space and SBC MISSOURI Main Distribution Frame or its equivalent by SBC MISSOURI Approved Vendor. This option is only available if Collocator does all three (3) activities associated with interconnection cabling: provide, install and terminate. The Collocator may not elect to do some but not all the activities. Collocator must indicate on its virtual collocation application that it has selected this option to apply to all interconnection cabling requested on the application. If Collocator selects this option, the Collocator must also select the option to provide, install and terminate its power cable leads described in Section 17.4.1.1. If Collocator selects this option, SBC MISSOURI will install and stencil termination blocks or panels at SBC MISSOURI Main Distribution Frame or its equivalent for the handoff of the Actual Point of Termination (APOT) Connection(s) to the Collocator's SBC MISSOURI Approved Vendor. Intervals and provisioning for this offering are found in Section 17.3.1 through 17.3.5. The Collocator's SBC MISSOURI Approved Vendor must obtain an approved Method Procedures (MOP) from SBC MISSOURI and follow SBC MISSOURI's Technical Publication TP 76300MP for installation of equipment and facilities.

## 17.2 DC Power Arrangement Provisioning

- 17.2.1 The Collocator has the option to provide, install and terminate its power cable leads between the Collocator's Dedicated Space and SBC MISSOURI's Battery Distribution Fuse Bay (BDFB) by SBC MISSOURI Approved Power Installation Vendor. When SBC MISSOURI designated power termination point is at the Power Plant Primary Distribution, the Collocator's SBC MISSOURI Approved Power Installation Vendor will provide and install the power cable leads, but not terminate.
- 17.2.2 The Collocator must contact SBC MISSOURI Project manager five (5) business days prior to scheduling a request for the termination of the Collocator's power cable leads to SBC MISSOURI Power Plant Primary Distribution, which will be performed by SBC MISSOURI. This option is only available if the Collocator does all three (3) activities associated with the power cable lead unless described otherwise within this Section.
- 17.2.3 The Collocator may not elect to do some but not all the activities unless otherwise permitted in this Section. If Collocator selects this option, the Collocator must also select the option to provide, install and terminate its interconnection cabling described in Section 17.4.1.1. Intervals and provisioning for this offering are found in Section 17.3.1 through 17.3.5. The Collocator's SBC MISSOURI Approved Power Installation Vendor must obtain an approved Method of Procedures (MOP) from SBC MISSOURI and follow SBC MISSOURI's Technical Publication TP 76300MP for installation of equipment and facilities.

## 17.3 Intervals and Provisioning

- 17.3.1 Implementation Intervals when TCG-KC hires SBC MISSOURI Approved Vendor Installs Interconnection and Power Cabling
- 17.3.1.1 SBC MISSOURI will provide Virtual Collocation arrangements in Eligible Structures on a "first-come, first-served" basis. The determination whether there is sufficient space to accommodate Virtual Collocation at a particular Eligible Structure will be made initially by SBC MISSOURI. SBC MISSOURI will notify Collocator as to whether its request for space has been granted or denied due to a lack of space within ten (10) calendar days from receipt of a Collocator's accurate and complete Virtual Collocation Application. If SBC MISSOURI determines that Collocator's Virtual Collocation Application is unacceptable, SBC MISSOURI shall advise Collocator of any deficiencies within this ten (10) calendar day period. SBC MISSOURI shall provide Collocator with sufficient detail so that Collocator has a reasonable opportunity to cure each deficiency. To retain its place in the queue to obtain the Virtual Collocation arrangement, Collocator must cure any deficiencies in its Application and resubmit such Application within ten (10) calendar days after being advised of the deficiencies. Any changes to the amount or type of floor space, interconnection terminations, and power requested from the originally submitted Virtual Collocation Application will not be considered a deficiency, but rather as a new Virtual Collocation Application with a new ten (10) calendar day space notification and a

new delivery interval. The delivery intervals set forth in this Section 17.3.1.2 is for new and augment Virtual Collocation Applications and apply only when the Collocator installs interconnection and power cabling.

17.3.1.2 The delivery interval relates to the period in which SBC MISSOURI shall construct and turnover to the Collocator's SBC MISSOURI Approved Vendor the requested Virtual Collocation Space. The delivery interval begins on the date SBC MISSOURI receives a complete and accurate Virtual Collocation Application from the Collocator. The Collocator must provide SBC MISSOURI, within seven (7) calendar days from the date of notification granting the application request, a confirmatory response in writing to continue construction along with the fifty percent (50%) payment of non-recurring charges (unless payment was received with application) or the delivery interval provided in table below will not commence until such time as SBC MISSOURI has received such response and payment. If the Collocator has not provided SBC MISSOURI such response and payment by the twelfth (12th) calendar day after the date SBC MISSOURI notified Collocator its request has been granted, the application will be canceled. Dedicated space is not reserved until SBC MISSOURI's receipt of the confirmatory response in writing from the Collocator with applicable fees. The delivery interval for Virtual Collocation is determined by SBC MISSOURI taking into consideration the various factors set forth in Table (1) below including, without limitation, the number of all Virtual Collocation Applications submitted by Collocator and the need for additional preparation of the space such as overhead racking, additional power or HVAC. The delivery interval assigned will be provided to the Collocator by SBC MISSOURI with the ten (10) calendar day space notification. Each complete and accurate Virtual Collocation Application received by SBC MISSOURI from the Collocator will be processed in the order received unless the Collocator provides a priority list, whichever is applicable.

**Table 1**

Number of All Applications submitted by One Collocator per state or <u>metering region</u>	Overhead Iron/Racking Exists for Virtual Collocation <u>Space Use</u>	Overhead Iron/Racking Does Not Exist for Virtual Collocation <u>Space Use</u>	Additional Power or HVAC is Required for Virtual Collocation <u>Space Use</u>
1 – 10	60 calendar days	80 calendar days	180 calendar days
11 - 20	65 calendar days	85 calendar days	185 calendar days

17.3.1.3 Should the Collocator submit twenty-one (21) or more applications within ten (10) business days, the above delivery intervals will be increased by five (5) days for every five (5) additional applications or fraction thereof. Any material revision to an application will be treated as a new application and the delivery

intervals set forth in Table (1) above will be re-started. All Virtual Collocation Applications received by SBC MISSOURI from a Collocator within a ten (10) business day period shall be treated as submitted at the same time for purposes of administering the above staggering intervals. The Virtual Collocation delivery interval ends when roughed in and the assigned space has been distinctly marked by SBC MISSOURI.

17.3.1.4 For example, but not by way of limitation, if a Collocator submits twelve (12) complete and accurate Virtual Collocation Applications in a state, the delivery intervals assigned by SBC MISSOURI will depend on which variables apply within each Eligible Structure Virtual Collocation is requested:

17.3.1.5 If Applications (1-4) are for Virtual Collocation Space where overhead racking exists, the delivery intervals assigned will be sixty (60) days. If Applications (5-11) are for Virtual Collocation Space where overhead racking does not exist, the delivery intervals assigned to Applications (5-10) will be eighty (80) calendar days and Application (11) will be assigned eighty five (85) calendar days. The Virtual Collocation Application (12) was requested in an Eligible Structure that needs additional HVAC added and would be assigned one hundred and eight five (185) calendar days.

#### 17.3.2 Payment

17.3.2.1 The second fifty percent (50%) payment must be received by SBC MISSOURI prior to the space being turned over to the Collocator's SBC MISSOURI Approved Vendor. At space turnover, the Actual Point of Termination (APOT) Connection(s) will be provided to the Collocator's SBC MISSOURI Approved Vendor by SBC MISSOURI.

#### 17.3.3 Cable Augments

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

17.3.3.1.1 168 DS1 connections and/or

17.3.3.1.2 48 DS3 connections and/or

17.3.3.1.3 400 Copper (shielded or nonshielded) cable pair connections and/or

17.3.3.1.4 12 fiber pair connections

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

17.3.3.3 The cabling Augment interval is determined by SBC MISSOURI taking into consideration the various factors set forth in Table (2) below including, without

limitation, the number of all Virtual Collocation Applications for the above Augments submitted by Collocator, the type of infrastructure available for collocation, and the need for additional preparation of the infrastructure such as overhead racking and additional power. The cabling Augment interval assigned will be provided to the Collocator by SBC MISSOURI with the ten (10) calendar day Augment notification. Each complete and accurate Virtual Collocation Application received by SBC MISSOURI from the Collocator will be processed in the order received unless the Collocator provides a priority list, whichever is applicable.

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

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

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

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

#### 17.3.4 All Other Augments

17.3.4.1 For all Augments other than provided above, SBC MISSOURI will work cooperatively with Collocator to negotiate a mutually agreeable delivery intervals.

#### 17.3.5 Walk-Through Visit

17.3.5.1 Within twenty (20) calendar days or mutually agreed upon time, from SBC MISSOURI's receipt of the confirmatory response in writing to continue construction on the Virtual Collocation job requested along with the 50% payment of non-recurring charges (unless payment was received with application), Network Support and/or appropriate departments will schedule a walk through visit with TCG-KC and/or vendor to provide floor plans of space and the preliminary route design for the interconnection and power cabling.

#### 17.4 Rates Elements for SBC MISSOURI Central Offices

##### 17.4.1 DC Power Arrangement Provisioning

17.4.1.1 When the Collocator selects the option to install the power cable by SBC MISSOURI Approved Power Installation vendor, only the rack occupancy and on-going maintenance of the rack charge will apply. This is expressed as a monthly rate as specified in the Pricing Schedule.

##### 17.4.2 DS0 Voice Grade Cable Arrangement

17.4.2.1 When the Collocator selects the option to provide and install the interconnection cabling by a SBC MISSOURI approved vendor, the DS0 Voice Grade Terminal blocks at the MDF, rack occupancy, and on-going maintenance charges will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified in the Pricing Schedule.

##### 17.4.3 DS-1 Interconnection Cable Arrangement to DCS

17.4.3.1 When the Collocator selects the option to provide and install the interconnection cabling by SBC MISSOURI approved vendor, the DS-1 Port, rack occupancy, and on-going maintenance charges will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified in the Pricing Schedule.

##### 17.4.4 DS-1 Interconnection Cable Arrangement to DSX

17.4.4.1 When the Collocator selects the option to provide and install the interconnection cabling by SBC MISSOURI approved vendor, the DSX at the MDF, rack occupancy, and on-going maintenance charges will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified in the Pricing Schedule.

#### 17.4.5 DS-3 Interconnection Cable Arrangement to DCS

17.4.5.1 When the Collocator selects the option to provide and install the interconnection cabling by SBC MISSOURI approved vendor, the DS-3 Port, rack occupancy, and on-going maintenance charges will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified in the Pricing Schedule.

#### 17.4.6 DS-3 Interconnection Cable Arrangement to DSX

17.4.6.1 When the Collocator selects the option to provide and install the interconnection cabling by SBC MISSOURI approved vendor, the DSX at the MDF, rack occupancy, and on-going maintenance charges will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified in the Pricing Schedule.

#### 17.4.7 Fiber Interconnection Cable Arrangement

17.4.7.1 When the Collocator selects the option to provide and install the interconnection cabling by a SBC MISSOURI approved vendor, the Fiber terminating panel at the FDF-1 Port, rack occupancy, and on-going maintenance charges will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified in the Pricing Schedule.

#### 17.4.8 Collocation to Collocation Connection

17.4.8.1 This rate element include virtual to virtual and virtual to physical connection options.

##### 17.4.8.1.1 Fiber Cable

17.4.8.1.1.1 When the Collocator selects the option to provide and install the interconnection cabling by a SBC MISSOURI approved vendor, the charge for on-going maintenance of the rack will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified in the Pricing Schedule.

##### 17.4.8.1.2 Copper Cable

17.4.8.1.2.1 When the Collocator selects the option to provide and install the interconnection cabling by a SBC MISSOURI approved vendor, the charge for on-going maintenance of the rack will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified in the Pricing Schedule.

### 17.4.8.1.3 Coax Cable

17.4.8.1.3.1 When the Collocator selects the option to provide and install the interconnection cabling by a SBC MISSOURI approved vendor, the charge for on-going maintenance will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified in the Pricing Schedule.

### 17.4.8.1.4 Cable Racking and Hole

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

### 17.4.8.1.5 Route Design

17.4.8.1.5.1 This sub-element provides the route design for collocation-to-collocation connections. This sub-element is expressed as a non-recurring charge and this charge is specific in the Pricing Schedule.

**SBC MISSOURI**  
**COLLOCATION RATE SUMMARY**  
**JULY 28, 2005**

SBC MISSOURI/TCG-KC  
 EFFECTIVE DATE:

	A	B	C	D	E	F
1	Product Type	Rate Element Description	USOC	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
2	<b>CLEC-PROVISIONED FACILITIES &amp; EQUIPMENT: CAGED</b>					
3	<b>REAL ESTATE</b>					
4	Site Conditioning	Per Sq. Ft. of space used by CLEC	S8FWB		\$9.28	
5	Safety & Security	Per Sq. Ft. of space used by CLEC	S8F4N		\$19.56	
6	Floor Space Usage	Per Sq. Ft. of space used by CLEC	S8F4L	\$5.97		
7	<b>COMMON SYSTEMS</b>					
8	Common Systems - Cage	Per Sq. Ft. of space used by CLEC	S8F4A	\$0.44	\$59.86	
9	<b>PLANNING</b>					
10	Planning - Central Office	Per Sq. Ft. of space used by CLEC	S8GCA	\$0.09	\$7.55	
11	Planning	Per Request	NRFCN		\$5,244.43	
12	Planning - Subsequent Inter. Cabling	Per Request	NRFCF		\$2,267.04	
13	Planning - Subsequent Power Cabling	Per Request	NRFCG		\$2,306.10	
14	Planning - Subs. Inter./Power Cabling	Per Request	NRFCG		\$2,884.60	
15	Planning - Non-Standard	Per Request	NRFCH		\$1,436.00	
16	<b>POWER PROVISIONING</b>					
17	<b>Power Panel:</b>					
18	50 Amp	Per Power Panel (CLEC Provided)	NONE			
19	200 Amp	Per Power Panel (CLEC Provided)	NONE			
20	<b>Power Cable and Infrastructure:</b>					
21	Power Cable Rack	Per Four Power Cables or Quad	NONE			
22	2-20 Amp Feeds	Per 2-20 Amp Power Feeds (CLEC Provided)	S8GF1	0.25	48.23	
23	2-50 Amp Feeds	Per 2-50 Amp Power Feeds (CLEC Provided)	S8GF2	0.25	48.23	
24	2-100 Amp Feeds	Per 2-100 Amp Power Feeds (CLEC Provided)	S8GF3	0.25	48.23	
25	<b>Equipment Grounding:</b>					
26	Ground Cable Placement	Per Sq. Ft. of space used by CLEC	S8FCR	\$0.03	\$0.92	
27	<b>DC POWER AMPERAGE CHARGE</b>					
28	HVAC	Per 10 Amps	S8GCS	\$14.62		
29	Per Amp	Per Amp	S8GCR	\$10.61		
30	<b>FIBER CABLE PLACEMENT</b>					
31	<b>Central Office:</b>					
32	Fiber Cable	Per Fiber Cable Sheath (CLEC Vendor Pulls Cable)	S8FQ9	\$4.85	\$809.13	
33	Entrance Conduit	Per Fiber Cable Sheath	S8FW5	\$8.76		
34	<b>MISCELLANEOUS &amp; OPTIONAL COST:</b>					
35	<b>MISCELLANEOUS COSTS</b>					
36	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	S8F45	\$0.08	\$14.81	
37	Bits Timing	Per two circuits	S8FQT	\$3.58	\$698.82	
38	Space Availability Report	Per Premise	NRFCQ		\$168.04	
39	Security Access / ID Cards	Per Five Cards	NRFCM		\$123.35	
40	Security Access / ID Cards/Expedite	Per Five Cards	NRFCN		\$203.35	
41	<b>CAGE COMMON COSTS</b>					
42	AC Circuit Placement	Per Sq. Ft. (CLEC provides cage)	NRL60		\$5.29	
43	<b>INTERCONNECTION COSTS:</b>					
44	<b>ILEC TO CLEC CONNECTION</b>					
45	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	S8F48	\$3.86	\$156.02	
46	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	S8FWU	\$3.86	\$156.02	
47	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	S8FQM	\$295.42	\$3,105.79	
48	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	S8F46	\$6.07	\$486.89	
49	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	S8F47	\$115.30	\$1,809.40	
50	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	S8FQN	\$5.69	\$116.67	
51	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	S8FQR	\$3.76	\$495.49	
52	<b>CLEC TO CLEC CONNECTION</b>					
53	Cable Racking and Hole for Optical	Per Cable	S8GFE	\$0.82		
54	Cable Racking and Hole for DS1	Per Cable	S8GFF	\$0.57		
55	Cable Racking and Hole for DS3	Per Cable	S8GFG	\$0.50		
56	Route Design		NRFCX		\$424.88	
57	Connection for DS1	Per 28 Circuits (CLEC provides cable)	S8GFH	\$0.18		
58	Connection for DS3	Per Circuit (CLEC provides cable)	S8GFJ	\$0.12		
59	Connection for Optical	Per Cable (CLEC provides cable)	S8GFK	\$0.31		
60	<b>TIME SENSITIVE ACTIVITIES</b>					
61	<b>PRE-VISITS</b>					
62	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	NRFCR		\$23.23	
63	Comm. Tech - Craft	Per 1/4 Hour	NRFCS		\$19.60	
64	CO Manager - 1st Level	Per 1/4 Hour	NRFCV		\$19.72	
65	Floor Space Planning - 1st Level	Per 1/4 Hour	NRFCU		\$19.24	
66	<b>CONSTRUCTION VISITS</b>					
67	Project Manager - 1st Level	Per 1/4 Hour	NRFCV		\$19.24	
68	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	NRFCZ		\$23.23	
69	<b>RSM Option</b>					
70	Additional Dedicated HVAC Charge	per request	NRFCL		\$3,100.00	
71	Dedicated power Plant Floor Space	per request	S8GCQ	\$394.00		

**SBC MISSOURI**  
**COLLOCATION RATE SUMMARY**  
**JULY 28, 2005**

SBC MISSOURI/TCG-KC  
EFFECTIVE DATE:

	A	B	C	D	E	F
1	Product Type	Rate Element Description	USOC	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
72						
73	<b>SBC-PROVISIONED FACILITIES &amp; EQUIPMENT: CAGED</b>					
74	<b>REAL ESTATE</b>					
75	Site Conditioning	Per Sq. Ft. of space used by CLEC	S8GCE		\$9.28	
76	Safety & Security	Per Sq. Ft. of space used by CLEC	S8GCF		\$19.56	
77	Floor Space Usage	Per Sq. Ft. of space used by CLEC	S8GCD	\$5.97		
78	<b>COMMON SYSTEMS</b>					
79	Common Systems - Cage	Per Sq. Ft. of space used by CLEC	S8GCG	\$0.44	\$59.86	
80	<b>PLANNING</b>					
81	Planning - Central Office	Per Sq. Ft. of space used by CLEC	S8GCA	\$0.09	\$7.55	
82	Planning	Per Request	NRFCF		\$5,244.43	
83	Planning - Subsequent Inter. Cabling	Per Request	NRFCF		\$2,267.04	
84	Planning - Subsequent Power Cabling	Per Request	NRFCF		\$2,306.10	
85	Planning - Subs. Inter./Power Cabling	Per Request	NRFCG		\$2,884.60	
86	Planning - Non-Standard	Per Request	NRFCH		\$1,436.00	
87	<b>POWER PROVISIONING</b>					
88	<b>Power Panel:</b>					
89	50 Amp	Per Power Panel	S8GC8	\$15.77	\$3,079.47	
90	200 Amp	Per Power Panel	S8GC9	\$18.75	\$3,659.46	
91	<b>Power Cable and Infrastructure:</b>					
92	2-20 Amp Feeds	Per 2-20 Amp Power Feeds	S8GCU	\$7.74	\$1,570.84	
93	2-50 Amp Feeds	Per 2-50 Amp Power Feeds	S8GCV	\$9.57	\$1,954.85	
94	2-100 Amp Feeds	Per 2-100 Amp Power Feeds	S8GCW	\$11.39	\$2,344.44	
95	<b>Equipment Grounding:</b>					
96	Ground Cable Placement	Per Sq. Ft. of space used by CLEC	S8GDA	\$0.03	\$0.92	
97	<b>DC POWER AMPERAGE CHARGE</b>					
98	HVAC	Per 10 Amps	S8GCS	\$14.62		
99	Per Amp	Per Amp	S8GCR	\$10.61		
100	<b>FIBER CABLE PLACEMENT</b>					
101	<b>Central Office:</b>					
102	Fiber Cable	Per Fiber Cable Sheath	S8GDE	\$4.85	\$1,619.88	
103	Entrance Conduit to Vault	Per Fiber Cable Sheath	S8GDD	\$8.76		
104	<b>MISCELLANEOUS &amp; OPTIONAL COST:</b>					
105	<b>MISCELLANEOUS COSTS</b>					
106	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	S8GEK	\$0.08	\$14.81	
107	Bits Timing	Per two circuits	S8GEJ	\$3.58	\$698.82	
108	Space Availability Report	Per Premise	NRFCQ		\$168.04	
109	Security Access / ID Cards	Per Five Cards	NRFCM		\$123.35	
110	Security Access / ID Cards/Expedite	Per Five Cards	NRFCN		\$203.35	
111	<b>CAGE COMMON COSTS</b>					
112	Cage Preparation	Per Sq. Ft. of space used by CLEC	S8GCH	\$0.27	\$19.70	
113	<b>INTERCONNECTION COSTS:</b>					
114	<b>ILEC TO CLEC CONNECTION</b>					
115	Voice Grade Arrangement	100 Copper Pairs	S8GD4	\$4.92	\$1,027.16	
116	Voice Grade Arrangement	100 Shielded Pairs	S8GD5	\$4.92	\$1,027.16	
117	DS1 Arrangement - DCS	28 DS1	S8GDK	\$297.44	\$3,613.06	
118	DS1 Arrangement - DSX	28 DS1	S8GDP	\$9.79	\$1,346.48	
119	DS3 Arrangement - DCS	1 DS3	S8GDV	\$115.58	\$2,181.58	
120	DS3 Arrangement - DSX	1 DS3	S8GDZ	\$7.14	\$603.89	
121	Fiber Arrangement	12 Fiber Pairs (24 Fiber strands)	S8GED	\$6.55	\$1,779.78	
122	<b>CLEC TO CLEC CONNECTION</b>					
123	Cable Racking and Hole for Optical	Per Cable	S8GFE	\$0.82		
124	Cable Racking and Hole for DS1	Per Cable	S8GFF	\$0.57		
125	Cable Racking and Hole for DS3	Per Cable	S8GFG	\$0.50		
126	Route Design		NRFCX		\$424.88	
127	Connection for DS1	Per 28 Circuits	S8GFC	\$1.41	\$982.35	
128	Connection for DS3	Per Circuit	S8GFD	\$1.30	\$433.86	
129	Connection for Optical (Fiber)	Per Cable	S8GFB	\$1.38	\$1,404.07	
130	<b>TIME SENSITIVE ACTIVITIES</b>					
131	<b>PRE-VISITS</b>					
132	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	NRFCR		\$23.23	
133	Comm. Tech - Craft	Per 1/4 Hour	NRFCS		\$19.60	
134	CO Manager - 1st Level	Per 1/4 Hour	NRFCT		\$19.72	
135	Floor Space Planning - 1st Level	Per 1/4 Hour	NRFCU		\$19.24	
136	<b>CONSTRUCTION VISITS</b>					
137	Project Manager - 1st Level	Per 1/4 Hour	NRFCV		\$19.24	
138	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	NRFCZ		\$23.23	
139	<b>RSM Option</b>					
140	Additional Dedicated HVAC Charge	Per Request	NRFCL		\$3,100.00	
141	Dedicated power Plant Floor Space	Per Request	S8GCQ	\$394.00		
142						

**SBC MISSOURI**  
**COLLOCATION RATE SUMMARY**  
**JULY 28, 2005**

SBC MISSOURI/TCG-KC  
 EFFECTIVE DATE:

	A	B	C	D	E	F
1	Product Type	Rate Element Description	USOC	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
	<b>CLEC-PROVISIONED FACILITIES &amp; EQUIPMENT: CAGELESS</b>					
143	<b>REAL ESTATE</b>					
144	<b>REAL ESTATE</b>					
145	Site Conditioning	Per Frame (Standard Bay=10 sq ft)	S8FWC		\$92.81	
146	Safety & Security	Per Frame (Standard Bay=10 sq ft)	S8FWG		\$195.57	
147	Floor Space Usage	Per Frame (Standard Bay=10 sq ft)	S8F9C	\$64.21		
148	<b>COMMON SYSTEMS</b>					
149	Common Systems - Cageless	Per Frame (Standard Bay=10 sq ft)	S8FWE	\$9.35	\$760.45	
150	<b>PLANNING</b>					
151	Planning - Central Office	Per Frame (Standard Bay=10 sq ft)	S8GCB	\$1.13	\$75.54	
152	Planning	Per Request	NRFCJ		\$4,601.93	
153	Planning - Subsequent Inter. Cabling	Per Request	NRFCF		\$2,267.04	
154	Planning - Subsequent Power Cabling	Per Request	NRFCF		\$2,306.10	
155	Planning - Subs. Inter./Power Cabling	Per Request	NRFCG		\$2,884.60	
156	Planning - Non-Standard	Per Request	NRFCH		\$1,436.00	
157	<b>POWER PROVISIONING</b>					
158	<b>Power Panel:</b>					
159	50 Amp	Per Power Panel (CLEC Provided)	NONE			
160	200 Amp	Per Power Panel (CLEC Provided)	NONE			
161	<b>Power Cable and Infrastructure:</b>					
162	Power Cable Rack	Per Four Power Cables or Quad	NONE			
163	2-20 Amp Feeds	Per 2-20 Amp Power Feeds (CLEC Provided)	S8GF1	0.25	48.23	
164	2-50 Amp Feeds	Per 2-50 Amp Power Feeds (CLEC Provided)	S8GF2	0.25	48.23	
165	2-100 Amp Feeds	Per 2-100 Amp Power Feeds (CLEC Provided)	S8GF3	0.25	48.23	
166	<b>Equipment Grounding:</b>					
167	Ground Cable Placement	Per Frame	S8GDB	\$0.33	\$15.32	
168	<b>DC POWER AMPERAGE CHARGE</b>					
169	HVAC	Per 10 Amps	S8GCS	\$14.62		
170	Per Amp	Per Amp	S8GCR	\$10.61		
171	CEV, HUT & Cabinets	Per 2 inch mounting space	S8GCT	\$1.27		
172	<b>FIBER CABLE PLACEMENT</b>					
173	<b>Central Office:</b>					
174	Fiber Cable	Per Fiber Cable Sheath (CLEC Vendor Pulls Cable)	S8FQ9	\$4.85	\$809.13	
175	Entrance Conduit	Per Fiber Cable Sheath	S8FW5	\$8.76		
176	<b>CEV, HUT &amp; Cabinets:</b>					
177	Fiber Cable Placement	Per Fiber Cable Sheath	S8GDH		\$53.58	
178	Entrance Conduit	Per Fiber Cable Sheath	S8GDJ	\$2.61		
179	<b>MISCELLANEOUS &amp; OPTIONAL COST:</b>					
180	<b>MISCELLANEOUS COSTS</b>					
181	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	S8F45	\$0.08	\$14.81	
182	Bits Timing	Per two circuits	S8FQT	\$3.58	\$698.82	
183	Space Availability Report	Per Premise	NRFCQ		\$168.04	
184	Security Access / ID Cards	Per Five Cards	NRFCM		\$123.35	
185	Security Access / ID Cards/Expedite	Per Five Cards	NRFCN		\$203.35	
186	<b>CAGELESS / POT BAY OPTIONS</b>					
187	Standard Equipment Bay	Each (CLEC Provided)	NONE			
188	Non-Standard Cabinet Bay	Each (CLEC Provided)	NONE			
189	VF/DS0 Termination Panel	Each (CLEC Provided)	NONE			
190	VF/DS0 Termination Module	Each (CLEC Provided)	NONE			
191	DDP-1 Panel	Each (CLEC Provided)	NONE			
192	DDP-1 Jack Access Card	Each (CLEC Provided)	NONE			
193	DS3/STS-1 Interconnect Panel	Each (CLEC Provided)	NONE			
194	DS3 Interconnect Module	Each (CLEC Provided)	NONE			
195	Fiber Optic Splitter Panel	Each (CLEC Provided)	NONE			
196	Fiber Termination Dual Module	Each (CLEC Provided)	NONE			
197	<b>CEV, HUT, CABINET</b>					
198	24 Foot CEV	2 Inch Mounting Space	S8GE3	\$1.64		
199	16 Foot CEV	2 Inch Mounting Space	S8GE4	\$1.77		
200	Maxi-Hut	2 Inch Mounting Space	S8GE1	\$0.77		
201	Mini-Hut	2 Inch Mounting Space	S8GE2	\$1.33		
202	Large Cabinet	2 Inch Mounting Space	S8GEX	\$1.63		
203	Medium Cabinet	2 Inch Mounting Space	S8GEY	\$2.19		
204	Small Cabinet	2 Inch Mounting Space	S8GEZ	\$3.29		
205	<b>INTERCONNECTION COSTS:</b>					
206	<b>ILOC TO CLEC CONNECTION</b>					
207	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	S8F3E	\$3.86	\$156.02	
208	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	S8FWV	\$3.86	\$156.02	
209	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	S8F2J	\$295.42	\$3,105.79	
210	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	S8F2P	\$6.07	\$486.89	
211	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	S8F2I	\$115.30	\$1,809.40	
212	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	S8F25	\$5.69	\$116.67	
213	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	S8F49	\$3.76	\$495.49	

**SBC MISSOURI**  
**COLLOCATION RATE SUMMARY**  
**JULY 28, 2005**

**SBC MISSOURI/TCG-KC**  
 EFFECTIVE DATE:

	A	B	C	D	E	F
1	Product Type	Rate Element Description	USOC	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
214	<b>CLEC TO CLEC CONNECTION</b>					
215	Cable Racking and Hole for Optical	Per Cable	S8GFE	\$0.82		
216	Cable Racking and Hole for DS1	Per Cable	S8GFF	\$0.57		
217	Cable Racking and Hole for DS3	Per Cable	S8GFG	\$0.50		
218	Route Design		NRFCX		\$424.88	
219	Connection for DS1	Per 28 Circuits (CLEC provides cable)	S8GFL	\$0.18	\$0.00	
220	Connection for DS3	Per Circuit (CLEC provides cable)	S8GFM	\$0.12	\$0.00	
221	Connection for Optical	Per Cable (CLEC provides cable)	S8GFN	\$0.31	\$0.00	
222	<b>PROJECT MANAGEMENT</b>					
223	<b>CEV, HUT &amp; CABINET</b>					
224	Project Coordination	Per CLEC Application	NRFCX		\$631.17	
225	<b>TIME SENSITIVE ACTIVITIES</b>					
226	<b>PRE-VISITS</b>					
227	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	NRFCR		\$23.23	
228	Comm. Tech - Craft	Per 1/4 Hour	NRFCS		\$19.60	
229	CO Manager - 1st Level	Per 1/4 Hour	NRFCT		\$19.72	
230	Floor Space Planning - 1st Level	Per 1/4 Hour	NRFCU		\$19.24	
231	<b>CONSTRUCTION VISITS</b>					
232	Project Manager - 1st Level	Per 1/4 Hour	NRFCV		\$19.24	
233	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	NRFCZ		\$23.23	
234						
	<b>SBC-PROVISIONED FACILITIES &amp; EQUIPMENT: CAGELESS</b>					
235	<b>REAL ESTATE</b>					
236	Site Conditioning	Per Frame (Standard Bay=10 sq ft)	S8GCL		\$92.81	
238	Safety & Security	Per Frame (Standard Bay=10 sq ft)	S8GCN		\$195.57	
239	Floor Space Usage	Per Frame (Standard Bay=10 sq ft)	S8GCK	\$64.21		
240	<b>COMMON SYSTEMS</b>					
241	Common Systems - Cageless	Per Frame (Standard Bay=10 sq ft)	S8GCM	\$9.35	\$760.45	
242	<b>PLANNING</b>					
243	Planning - Central Office	Per Frame (Standard Bay=10 sq ft)	S8GCB	\$1.13	\$75.54	
244	Planning	Per Request	NRFCJ		\$4,601.93	
245	Planning - Subsequent Inter. Cabling	Per Request	NRFCF		\$2,267.04	
246	Planning - Subsequent Power Cabling	Per Request	NRFCG		\$2,306.10	
247	Planning - Subs. Inter./Power Cabling	Per Request	NRFCG		\$2,884.60	
248	Planning - Non-Standard	Per Request	NRFCH		\$1,436.00	
249	<b>POWER PROVISIONING</b>					
250	<b>Power Panel:</b>					
251	50 Amp	Per Power Panel	S8GC8	\$15.77	\$3,079.47	
252	200 Amp	Per Power Panel	S8GC9	\$18.75	\$3,659.46	
253	<b>Power Cable and Infrastructure:</b>					
254	2-20 Amp Feeds	Per 2-20 Amp Power Feeds	S8GCX	\$7.74	\$2,262.52	
255	2-50 Amp Feeds	Per 2-50 Amp Power Feeds	S8GCY	\$9.57	\$2,749.10	
256	2-100 Amp Feeds	Per 2-100 Amp Power Feeds	S8GCZ	\$11.39	\$3,236.32	
257	<b>Equipment Grounding:</b>					
258	Ground Cable Placement	Per Frame	S8GDB	\$0.33	\$15.32	
259	<b>DC POWER AMPERAGE CHARGE</b>					
260	HVAC	Per 10 Amps	S8GCS	\$14.62		
261	Per Amp	Per Amp	S8GCR	\$10.61		
262	CEV, HUT & Cabinets	Per 2 inch mounting space	S8GCT	\$1.27		
263	<b>FIBER CABLE PLACEMENT</b>					
264	<b>Central Office:</b>					
265	Fiber Cable	Per Fiber Cable Sheath	S8GDE	\$4.85	\$1,619.88	
266	Entrance Conduit	Per Fiber Cable Sheath	S8GDD	\$8.76		
267	<b>CEV, HUT &amp; Cabinets:</b>					
268	Fiber Cable Placement	Per Fiber Cable Sheath	S8GDH		\$53.58	
269	Entrance Conduit	Per Fiber Cable Sheath	S8GDJ	\$2.61		
270	<b>MISCELLANEOUS &amp; OPTIONAL COST:</b>					
271	<b>MISCELLANEOUS COSTS</b>					
272	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	S8GEK	\$0.08	\$14.81	
273	Bits Timing	Per two circuits	S8GEJ	\$3.58	\$698.82	
274	Space Availability Report	Per Premise	NRFCQ		\$168.04	
275	Security Access / ID Cards	Per Five Cards	NRFCM		\$123.35	
276	Security Access / ID Cards/Expedite	Per Five Cards	NRFCN		\$203.35	
277	<b>CAGELESS / POT BAY OPTIONS</b>					
278	Standard Equipment Bay	Each	NRFCO	\$8.89	\$721.28	
279	Non-Standard Cabinet Bay	Each	NRFCP	\$17.78	\$3,470.81	
280	VF/DS0 Termination Panel/Module	Each	S8GE5	\$3.10	\$605.64	
281	DDP-1 Panel/Jack Access Card	Each	S8GE6	\$8.08	\$1,576.65	
282	DS3/STS-1 Interconnect Panel	Each	S8GE7	\$2.38	\$465.47	
283	DS3 Interconnect Module	Each	S8GE8	\$0.45	\$87.35	
284	Fiber Optic Splitter Panel	Each	S8GE9	\$1.52	\$297.00	
285	Fiber Termination Dual Module	Each	S8GFA	\$1.37	\$267.88	

**SBC MISSOURI**  
**COLLOCATION RATE SUMMARY**  
**JULY 28, 2005**

SBC MISSOURI/TCG-KC  
EFFECTIVE DATE:

	A	B	C	D	E	F
1	Product Type	Rate Element Description	USOC	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
286	<b>CEV, HUT, CABINET</b>					
287	24 Foot CEV	2 Inch Mounting Space	S8GE3	\$1.64		
288	16 Foot CEV	2 Inch Mounting Space	S8GE4	\$1.77		
289	Maxi-Hut	2 Inch Mounting Space	S8GE1	\$0.77		
290	Mini-Hut	2 Inch Mounting Space	S8GE2	\$1.33		
291	Large Cabinet	2 Inch Mounting Space	S8GEX	\$1.63		
292	Medium Cabinet	2 Inch Mounting Space	S8GEY	\$2.19		
293	Small Cabinet	2 Inch Mounting Space	S8GEZ	\$3.29		
294	<b>INTERCONNECTION COSTS:</b>					
295	<b>ILEC TO CLEC CONNECTION</b>					
296	Voice Grade Arrangement	100 Copper Pairs	S8GD6	\$4.92	\$1,027.16	
297	Voice Grade Arrangement	100 Shielded Pairs	S8GD7	\$4.92	\$1,027.16	
298	DS1 Arrangement - DCS	28 DS1	S8GDL	\$297.44	\$3,613.06	
299	DS1 Arrangement - DSX	28 DS1	S8GDO	\$9.79	\$1,346.48	
300	DS3 Arrangement - DCS	1 DS3	S8GDW	\$115.58	\$2,181.58	
301	DS3 Arrangement - DSX	1 DS3	S8GD1	\$7.14	\$603.89	
302	Fiber Arrangement	12 Fiber Pairs (24 Fiber Strands)	S8GEE	\$6.55	\$1,779.78	
303	<b>CLEC TO CLEC CONNECTION</b>					
304	Cable Racking and Hole for Optical	Per Cable	S8GFE	\$0.82		
305	Cable Racking and Hole for DS1	Per Cable	S8GFF	\$0.57		
306	Cable Racking and Hole for DS3	Per Cable	S8GFG	\$0.50		
307	Route Design		NRFCX		\$424.88	
308	Connection for DS1	Per 28 Circuits	S8GFC	\$1.41	\$982.35	
309	Connection for DS3	Per Circuit	S8GFD	\$1.30	\$433.86	
310	Connection for Optical (Fiber)	Per Cable	S8GFB	\$1.38	\$1,404.07	
311	<b>PROJECT MANAGEMENT</b>					
312	<b>CEV, HUT &amp; CABINET</b>					
313	Project Coordination	Per CLEC Application	NRFCY		\$631.17	
314	<b>TIME SENSITIVE ACTIVITIES</b>					
315	<b>PRE-VISITS</b>					
316	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	NRFCR		\$23.23	
317	Comm. Tech - Craft	Per 1/4 Hour	NRFCS		\$19.60	
318	CO Manager - 1st Level	Per 1/4 Hour	NRFCY		\$19.72	
319	Floor Space Planning - 1st Level	Per 1/4 Hour	NRFCU		\$19.24	
320	<b>CONSTRUCTION VISITS</b>					
321	Project Manager - 1st Level	Per 1/4 Hour	NRFCV		\$19.24	
322	Colloc. Ser. Mgr. - 2nd Level	Per 1/4 Hour	NRFCZ		\$23.23	
323						
324	<b>CLEC-PROVISIONED FACILITIES &amp; EQUIPMENT: CAGED COMMON</b>					
325	<b>REAL ESTATE</b>					
326	Site Conditioning	Per Frame (Standard Bay=10 sq ft)	S8FWC		\$92.81	
327	Safety & Security	Per Frame (Standard Bay=10 sq ft)	S8FWG		\$195.57	
328	Floor Space Usage	Per Linear Foot	S8GCO	\$24.87		
329	<b>COMMON SYSTEMS</b>					
330	Common Systems - Common	Per Linear Foot	S8GCP	\$3.62	\$294.37	
331	<b>PLANNING</b>					
332	Planning - Central Office	Per Linear Foot	S8GCC	\$0.44	\$29.24	
333	Planning	Per Request	NRFCJ		\$4,601.93	
334	Planning - Subsequent Inter. Cabling	Per Request	NRFCF		\$2,267.04	
335	Planning - Subsequent Power Cabling	Per Request	NRFCF		\$2,306.10	
336	Planning - Subs. Inter./Power Cabling	Per Request	NRFCG		\$2,884.60	
337	Planning - Non-Standard	Per Request	NRFCY		\$1,436.00	
338	<b>POWER PROVISIONING</b>					
339	<b>Power Panel:</b>					
340	50 Amp	Per Power Panel (CLEC provides)	NONE			
341	200 Amp	Per Power Panel (CLEC provides)	NONE			
342	<b>Power Cable and Infrastructure:</b>					
343	Power Cable Rack	Per Four Power Cables or Quad	NONE			
344	2-20 Amp Feeds	Per 2-20 Amp Power Feeds (CLEC Provided)	S8GF1	\$0.25	\$48.23	
345	2-50 Amp Feeds	Per 2-50 Amp Power Feeds (CLEC Provided)	S8GF2	\$0.25	\$48.23	
346	2-100 Amp Feeds	Per 2-100 Amp Power Feeds (CLEC Provided)	S8GF3	\$0.25	\$48.23	
347	<b>Equipment Grounding:</b>					
348	Ground Cable Placement	Per Linear Foot	S8GDC	\$0.13	\$5.93	
349	<b>DC POWER AMPERAGE CHARGE</b>					
350	HVAC	Per 10 Amps	S8GCS	\$14.62		
351	Per Amp	Per Amp	S8GCR	\$10.61		
352	<b>FIBER CABLE PLACEMENT</b>					
353	<b>Central Office:</b>					
354	Fiber Cable	Per Fiber Cable Sheath (CLEC Vendor Pulls Cable)	S8FQ9	\$4.85	\$809.13	
355	Entrance Conduit	Per Fiber Cable Sheath	S8FW5	\$8.76		

**SBC MISSOURI**  
**COLLOCATION RATE SUMMARY**  
**JULY 28, 2005**

**SBC MISSOURI/TCG-KC**  
**EFFECTIVE DATE:**

	A	B	C	D	E	F
1	Product Type	Rate Element Description	USOC	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
356	<b>MISCELLANEOUS &amp; OPTIONAL COST:</b>					
357	<b>MISCELLANEOUS COSTS</b>					
358	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	S8F45	\$0.08	\$14.81	
359	Bits Timing	Per two circuits	S8FQT	\$3.58	\$698.82	
360	Space Availability Report	Per Premise	NRFCQ		\$168.04	
361	Security Access / ID Cards	Per Five Cards	NRFCM		\$123.35	
362	Security Access / ID Cards/Expedite	Per Five Cards	NRFCN		\$203.35	
363	<b>CAGE COMMON COSTS</b>					
364	Cage Preparation	Per Linear Foot	S8GCJ	\$1.00	\$157.00	
365	<b>INTERCONNECTION COSTS:</b>					
366	<b>ILEC TO CLEC CONNECTION</b>					
367	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	S8F3E	\$3.86	\$156.02	
368	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	S8FWV	\$3.86	\$156.02	
369	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	S8F2J	\$295.42	\$3,105.79	
370	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	S8F2P	\$6.07	\$486.89	
371	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	S8F21	\$115.30	\$1,809.40	
372	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	S8F25	\$5.69	\$116.67	
373	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	S8F49	\$3.76	\$495.49	
374	<b>RSM Option</b>					
375	Additional Dedicated HVAC Charge	per request	NRFCL		\$3,100.00	
376	Dedicated power Plant Floor Space	per request	S8GCQ	\$394.00		
377						
378	<b>SBC-PROVISIONED FACILITIES &amp; EQUIPMENT: CAGED COMMON</b>					
379	<b>REAL ESTATE</b>					
380	Site Conditioning	Per Bay	S8GCL		\$92.81	
381	Safety & Security	Per Frame	S8GCN		\$195.57	
382	Floor Space Usage	Per Linear Foot	S8GCO	\$24.87		
383	<b>COMMON SYSTEMS</b>					
384	Common Systems - Common	Per Linear Foot	S8GCP	\$3.62	\$294.37	
385	<b>PLANNING</b>					
386	Planning - Central Office	Per Linear Foot	S8GCC	\$0.44	\$29.24	
387	Planning	Per Request	NRFCJ		\$4,601.93	
388	Planning - Subsequent Inter. Cabling	Per Request	NRFCF		\$2,267.04	
389	Planning - Subsequent Power Cabling	Per Request	NRFCF		\$2,306.10	
390	Planning - Subs. Inter./Power Cabling	Per Request	NRFCG		\$2,884.60	
391	Planning - Non-Standard	Per Request	NRFCH		\$1,436.00	
392	<b>POWER PROVISIONING</b>					
393	<b>Power Panel:</b>					
394	50 Amp	Per Power Panel	S8GC8	\$15.77	\$3,079.47	
395	200 Amp	Per Power Panel	S8GC9	\$18.75	\$3,659.46	
396	<b>Power Cable and Infrastructure:</b>					
397	2-20 Amp Feeds	Per 2-20 Amp Power Feeds	S8GC1	\$7.74	\$1,570.84	
398	2-50 Amp Feeds	Per 2-50 Amp Power Feeds	S8GC2	\$9.57	\$1,954.85	
399	2-100 Amp Feeds	Per 2-100 Amp Power Feeds	S8GC3	\$11.39	\$2,344.44	
400	<b>Equipment Grounding:</b>					
401	Ground Cable Placement	Per Linear Foot	S8GDC	\$0.13	\$5.93	
402	<b>DC POWER AMPERAGE CHARGE</b>					
403	HVAC	Per 10 Amps	S8GCS	\$14.62		
404	Per Amp	Per Amp	S8GCR	\$10.61		
405	<b>FIBER CABLE PLACEMENT</b>					
406	<b>Central Office:</b>					
407	Fiber Cable	Per Fiber Cable Sheath	S8GDE	\$4.85	\$1,619.88	
408	Entrance Conduit	Per Fiber Cable Sheath	S8GDD	\$8.76		
409	<b>MISCELLANEOUS &amp; OPTIONAL COST:</b>					
410	<b>MISCELLANEOUS COSTS</b>					
411	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	S8GEK	\$0.08	\$14.81	
412	Bits Timing	Per two circuits	S8GEJ	\$3.58	\$698.82	
413	Space Availability Report	Per Premise	NRFCQ		\$168.04	
414	Security Access / ID Cards	Per Five Cards	NRFCM		\$123.35	
415	Security Access / ID Cards/Expedite	Per Five Cards	NRFCN		\$203.35	
416	<b>CAGE COMMON COSTS</b>					
417	Cage Preparation	Per Linear Foot	S8GCJ	\$1.00	\$157.00	
418	<b>INTERCONNECTION COSTS:</b>					
419	<b>ILEC TO CLEC CONNECTION</b>					
420	Voice Grade Arrangement	100 Copper Pairs	S8GD8	\$4.92	\$1,027.16	
421	Voice Grade Arrangement	100 Shielded Pairs	S8GD9	\$4.92	\$1,027.16	
422	DS1 Arrangement - DCS	28 DS1	S8GDM	\$297.44	\$3,613.06	
423	DS1 Arrangement - DSX	28 DS1	S8GDR	\$9.79	\$1,346.48	
424	DS3 Arrangement - DCS	1 DS3	S8GDY	\$115.58	\$2,181.58	
425	DS3 Arrangement - DSX	1 DS3	S8GD2	\$7.14	\$603.89	
426	Fiber Arrangement	12 Fiber Pairs (24 Fiber Strands)	S8GEF	\$6.55	\$1,779.78	

**SBC MISSOURI**  
**COLLOCATION RATE SUMMARY**  
**JULY 28, 2005**

SBC MISSOURI/TCG-KC  
EFFECTIVE DATE:

	A	B	C	D	E	F
1	Product Type	Rate Element Description	USOC	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
427	<b>RSM Option</b>					
428	Additional Dedicated HVAC Charge	Per Request	NRFL		\$3,100.00	
429	Dedicated power Plant FLOOR Space	Per Request	S8GCQ	\$394.00		
430						
431	<b>CLEC-PROVISIONED FACILITIES &amp; EQUIPMENT: VIRTUAL</b>					
432	<b>REAL ESTATE</b>					
433	Site Conditioning	Per Frame	S8FX5		\$92.81	
434	Safety & Security	Per Frame	S8FX6		\$195.57	
435	Floor Space Usage	Per Frame	S8F62	\$28.91		
436	<b>COMMON SYSTEMS</b>					
437	Common Systems - Standard	Per Frame	S8F64	\$10.75		
438	Common Systems - Non-Standard	Per Cabinet	S8F65	\$19.36		
439	<b>PLANNING</b>					
440	Planning	Per Request	NRM99		\$5,555.76	
441	Planning - Subsequent Inter. Cabling	Per Request	NRMA3		\$2,224.49	
442	Planning - Subsequent Power Cabling	Per Request	NRMAA		\$2,303.84	
443	Planning - Subs. Inter./Power Cabling	Per Request	NRMAX		\$2,882.61	
444	<b>POWER PROVISIONING</b>					
445	<b>Power Cable and Infrastructure:</b>					
446	Power Cable Rack	Per Four Power Cables or Quad	NONE			
447	2-20 Amp Feeds	Per 2-20 Amp Power Feeds (CLEC Provided)	S8GFO	\$0.52		
448	2-50 Amp Feeds	Per 2-50 Amp Power Feeds (CLEC Provided)	S8GFP	\$0.52		
449	<b>Equipment Grounding:</b>					
450	Ground Cable Placement	Per Frame	S8F69	\$0.36		
451	<b>DC POWER AMPERAGE CHARGE</b>					
452	HVAC	Per 10 Amps	S8FXO	\$14.62		
453	Per Amp	Per Amp	S8FXN	\$10.61		
454	CEV, HUT & Cabinets	Per 2 inch mounting space	S8FXP	\$1.27		
455	<b>FIBER CABLE PLACEMENT</b>					
456	<b>Central Office:</b>					
457	Fiber Cable	Per Fiber Cable Sheath	S8F8F	\$11.01	\$1,971.42	
458	Entrance Conduit	Per Fiber Cable Sheath	S8F8G	\$8.17		
459	<b>CEV, HUT &amp; Cabinets:</b>					
460	Fiber Cable Placement	Per Fiber Cable Sheath	S8FXQ		\$53.58	
461	Entrance Conduit	Per Fiber Cable Sheath	S8FXR	\$2.61		
462	<b>MISCELLANEOUS &amp; OPTIONAL COST:</b>					
463	<b>MISCELLANEOUS COSTS</b>					
464	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	S8FXT	\$0.08	\$14.81	
465	Bits Timing	Per two circuits	S8FXS	\$3.58	\$698.82	
466	<b>VIRTUAL FRAME OPTIONS</b>					
467	Standard Equipment Bay	Each (CLEC Provided)	NONE			
468	<b>CEV, HUT, CABINET</b>					
469	24 Foot CEV	2 Inch Mounting Space	S8FXZ	\$1.64		
470	16 Foot CEV	2 Inch Mounting Space	S8FY6	\$1.77		
471	Maxi-Hut	2 Inch Mounting Space	S8FXX	\$0.77		
472	Mini-Hut	2 Inch Mounting Space	S8FYX	\$1.33		
473	Large Cabinet	2 Inch Mounting Space	S8FXU	\$1.63		
474	Medium Cabinet	2 Inch Mounting Space	S8FXV	\$2.19		
475	Small Cabinet	2 Inch Mounting Space	S8FXW	\$3.29		
476	<b>INTERCONNECTION COSTS:</b>					
477	<b>ILEC TO CLEC CONNECTION</b>					
478	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	S8F82	\$3.86	\$225.02	
479	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	S8F83	\$3.86	\$225.02	
480	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	S8F8X	\$295.42	\$3,496.22	
481	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	S8F8Y	\$6.07	\$651.13	
482	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	S8F8Z	\$115.30	\$2,186.12	
483	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	S8F81	\$5.69	\$204.42	
484	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	S8F84	\$10.47	\$152.71	
485	<b>VIRTUAL TO VIRTUAL CONNECTION</b>					
486	Cable Racking and Hole for Optical	Per Cable	S8FY7	\$0.90		
487	Cable Racking and Hole for DS1	Per Cable	S8FY8	\$0.49		
488	Cable Racking and Hole for DS3	Per Cable	S8FY9	\$0.35		
489	Route Design		NRLWF		\$463.36	
490	Connection for DS1	Per 28 Circuits (CLEC provides cable)	S8Gfq	\$0.41	\$0.00	
491	Connection for DS3	Per Circuit (CLEC provides cable)	S8GFR	\$0.27	\$0.00	
492	Connection for Optical	Per Cable (CLEC provides cable)	S8GFS	\$0.81	\$0.00	
493	<b>PROJECT MANAGEMENT</b>					
494	<b>CEV, HUT &amp; CABINET</b>					
495	Project Coordination	Per CLEC Application Augment	NRFCk		\$631.17	

**SBC MISSOURI**  
**COLLOCATION RATE SUMMARY**  
**JULY 28, 2005**

**SBC MISSOURI/TCG-KC**  
**EFFECTIVE DATE:**

	A	B	C	D	E	F
1	Product Type	Rate Element Description	USOC	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
	<b>EQUIPMENT MAINTENANCE AND SECURITY ESCORT</b>					
496	<b>CENTRAL OFFICE TYPE</b>					
497						
498	Staffed CO During Normal Business Hours	Per 1/4 Hour	<b>NRMHK</b>		\$15.15	
499	Staffed CO During Outside Normal Business Hours	4 Hour Minium - Initial	<b>NRMHN</b>		\$242.35	
500	Staffed CO During Outside Normal Business Hours	Per 1/4 Hour - Additional	<b>NRMJ7</b>		\$15.15	
501	Not Staffed CO/RT During Normal Business Hours	Per 1/4 Hour	<b>NRMJ8</b>		\$15.15	
502	Not Staffed CO/RT During Outside Normal Business Hours	4 Hour Minium - Initial	<b>NRMJ9</b>		\$242.35	
503	Not Staffed CO/RT During Outside Normal Business Hours	Per 1/4 Hour - Additional	<b>NRML7</b>		\$15.15	
504	<b>CEV, HUT &amp; CABINET</b>					
505	Per Visit	4 Hour Minium - Initial	<b>NRMJ9</b>		\$242.35	
506	Per Visit	Per 1/4 Hour - Additional	<b>NRML7</b>		\$15.15	
507	<b>ADDITIONAL LABOR ELEMENTS</b>					
508	<b>TRAINING</b>					
509	Communications Tech	Per 1/2 Hour	<b>NRMCD</b>		\$39.21	
510	CO Manager	Per 1/2 Hour	<b>NRME9</b>		\$39.45	
511	Power Engineer	Per 1/2 Hour	<b>NRMF9</b>		\$38.47	
512	Equipment Engineer	Per 1/2 Hour	<b>NRMHJ</b>		\$38.47	
513	<b>EQUIPMENT EVALUATION COST</b>					
514	Equipment Engineer	Per 1/2 Hour	<b>NRMO9</b>		\$38.47	
515	<b>TEST AND ACCEPTANCE</b>					
516	Communications Tech	Per 1/2 Hour	<b>NRMP2</b>		\$39.21	
517						
518	<b>SBC-PROVISIONED FACILITIES &amp; EQUIPMENT; VIRTUAL</b>					
519	<b>REAL ESTATE</b>					
520	Site Conditioning	Per Frame	<b>S8FX5</b>		\$92.81	
521	Safety & Security	Per Frame	<b>S8FX6</b>		\$195.57	
522	Floor Space Usage	Per Frame	<b>S8FX1</b>	\$28.91		
523	<b>COMMON SYSTEMS</b>					
524	Common Systems - Standard	Per Frame	<b>S8FX3</b>	\$10.75		
525	Common Systems - Non-Standard	Per Frame	<b>S8FX4</b>	\$19.36		
526	<b>PLANNING</b>					
527	Planning	Per Request	<b>NRM99</b>		\$5,555.76	
528	Planning - Subsequent Inter. Cabling	Per Request	<b>NRMA3</b>		\$2,224.49	
529	Planning - Subsequent Power Cabling	Per Request	<b>NRMAA</b>		\$2,303.84	
530	Planning - Subs. Inter./Power Cabling	Per Request	<b>NRMAX</b>		\$2,882.61	
531	<b>POWER PROVISIONING</b>					
532	<b>Power Cable and Infrastructure:</b>					
533	2-20 Amp Feeds	Per 2-20 Amp Power Feeds	<b>S8FX7</b>	\$7.74	\$1,570.84	
534	2-50 Amp Feeds	Per 2-50 Amp Power Feeds	<b>S8FX8</b>	\$9.57	\$1,954.85	
535	<b>Equipment Grounding:</b>					
536	Ground Cable Placement	Per Frame	<b>S8FX9</b>	\$0.36		
537	<b>DC POWER AMPERAGE CHARGE</b>					
538	HVAC	Per 10 Amps	<b>S8FXO</b>	\$14.62		
539	Per Amp	Per Amp	<b>S8FXN</b>	\$10.61		
540	CEV, HUT & Cabinets	Per 2 inch mounting space	<b>S8FXP</b>	\$1.27		
541	<b>FIBER CABLE PLACEMENT</b>					
542	<b>Central Office:</b>					
543	Fiber Cable	Per Fiber Cable Sheath	<b>S8F8F</b>	\$11.01	\$1,971.42	
544	Entrance Conduit	Per Fiber Cable Sheath	<b>S8F8G</b>	\$8.17		
545	<b>CEV, HUT &amp; Cabinets:</b>					
546	Fiber Cable Placement	Per Fiber Cable Sheath	<b>S8FXQ</b>		\$53.58	
547	Entrance Conduit	Per Fiber Cable Sheath	<b>S8FXR</b>	\$2.61		
548	<b>MISCELLANEOUS &amp; OPTIONAL COST:</b>					
549	<b>MISCELLANEOUS COSTS</b>					
550	Timing Lead (1 pair per circuit)	Per Linear Foot, Per pair	<b>S8FXT</b>	\$0.08	\$14.81	
551	Bits Timing	Per two circuits	<b>S8FXS</b>	\$3.58	\$698.82	
552	<b>VIRTUAL FRAME OPTIONS</b>					
553	Standard Equipment Bay	Each	<b>S8FX2</b>	\$22.19		
554	<b>CEV, HUT, CABINET</b>					
555	24 Foot CEV	2 Inch Mounting Space	<b>S8FXZ</b>	\$1.64		
556	16 Foot CEV	2 Inch Mounting Space	<b>S8FY6</b>	\$1.77		
557	Maxi-Hut	2 Inch Mounting Space	<b>S8FXX</b>	\$0.77		
558	Mini-Hut	2 Inch Mounting Space	<b>S8FXY</b>	\$1.33		
559	Large Cabinet	2 Inch Mounting Space	<b>S8FXU</b>	\$1.63		
560	Medium Cabinet	2 Inch Mounting Space	<b>S8FXV</b>	\$2.19		
561	Small Cabinet	2 Inch Mounting Space	<b>S8FXW</b>	\$3.29		

**SBC MISSOURI**  
**COLLOCATION RATE SUMMARY**  
**JULY 28, 2005**

SBC MISSOURI/TCG-KC  
 EFFECTIVE DATE:

	A	B	C	D	E	F
1	Product Type	Rate Element Description	USOC	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
562	<b>INTERCONNECTION COSTS:</b>					
563	<b>ILEC TO CLEC CONNECTION</b>					
564	Voice Grade Arrangement	100 Copper Pairs	S8FXC	\$4.94	\$1,481.37	
565	Voice Grade Arrangement	100 Shielded Pairs	S8FXD	\$4.94	\$1,481.37	
566	DS1 Arrangement - DCS	28 DS1	S8FXE	\$297.44	\$4,067.27	
567	DS1 Arrangement - DSX	28 DS1	S8FXF	\$9.79	\$1,800.69	
568	DS3 Arrangement - DCS	1 DS3	S8FXG	\$115.59	\$2,635.79	
569	DS3 Arrangement - DSX	1 DS3	S8FXH	\$7.14	\$1,058.10	
570	Fiber Arrangement	12 Fiber Pairs (24 Fiber Strands)	S8FXJ	\$6.55	\$1,996.19	
571	<b>VIRTUAL TO VIRTUAL CONNECTION</b>					
572	Cable Racking and Hole for Optical	Per Cable	S8FY7	\$0.90		
573	Cable Racking and Hole for DS1	Per Cable	S8FY8	\$0.49		
574	Cable Racking and Hole for DS3	Per Cable	S8FY9	\$0.35		
575	Route Design		NRML9		\$463.36	
576	Connection for DS1	Per 28 Circuits	S8FXL	\$3.34	\$930.53	
577	Connection for DS3	Per Circuit	S8FXM	\$3.26	\$706.77	
578	Connection for Optical	Per Cable	S8FXK	\$3.32	\$1,095.09	
579	<b>PROJECT MANAGEMENT</b>					
580	<b>CEV, HUT &amp; CABINET</b>					
581	Project Coordination	Per CLEC Application Augment	NRFCX		\$631.17	
582	<b>EQUIPMENT MAINTENANCE AND SECURITY ESCORT</b>					
583	<b>CENTRAL OFFICE TYPE</b>					
584	Staffed CO During Normal Business Hours	Per 1/4 Hour	NRMHK		\$15.15	
585	Staffed CO During Outside Normal Business Hours	4 Hour Minium - Initial	NRMHN		\$242.35	
586	Staffed CO During Outside Normal Business Hours	Per 1/4 Hour - Additional	NRMJ7		\$15.15	
587	Not Staffed CO/RT During Normal Business Hours	Per 1/4 Hour	NRMJ8		\$15.15	
588	Not Staffed CO/RT During Outside Normal Business Hours	4 Hour Minium - Initial	NRMJ9		\$242.35	
589	Not Staffed CO/RT During Outside Normal Business Hours	Per 1/4 Hour - Additional	NRML7		\$15.15	
590	<b>CEV, HUT &amp; CABINET</b>					
591	Per Visit	4 Hour Minium - Initial	NRMJ9		\$242.35	
592	Per Visit	Per 1/4 Hour - Additional	NRML7		\$15.15	
593	<b>ADDITIONAL LABOR ELEMENTS</b>					
594	<b>TRAINING</b>					
595	Communications Tech	Per 1/2 Hour	NRMCD		\$39.21	
596	CO Manager	Per 1/2 Hour	NRME9		\$39.45	
597	Power Engineer	Per 1/2 Hour	NRMF9		\$38.47	
598	Equipment Engineer	Per 1/2 Hour	NRMHJ		\$38.47	
599	<b>EQUIPMENT EVALUATION COST</b>					
600	Equipment Engineer	Per 1/2 Hour	NRMO9		\$38.47	
601	<b>TEST AND ACCEPTANCE</b>					
602	Communications Tech	Per 1/2 Hour	NRMP2		\$39.21	
603	<b>CLEC-PROVISIONED FACILITIES &amp; EQUIPMENT: ADJACENT ON-SITE</b>					
604	<b>PLANNING</b>					
606	Planning - Initial	Per Request	NRFA1		\$9,268.73	
607	Planning - Subsequent	Per Request	NRFA2		\$1,606.77	
608	<b>REAL ESTATE</b>					
609	Land Rental	Per Square Foot	S8GEN	\$0.44		
610	<b>POWER PROVISIONING</b>					
611	<b>Power Cable and Infrastructure:</b>					
612	2-100 Amp Feeds	Per 2-100 Amp Power Feeds (CLEC provides cable)	NONE			
613	2-200 Amp Feeds	Per 2-200 Amp Power Feeds (CLEC provides cable)	NONE			
614	2-300 Amp Feeds	Per 2-300 Amp Power Feeds (CLEC provides cable)	NONE			
615	2-400 Amp Feeds	Per 2-400 Amp Power Feeds (CLEC provides cable)	NONE			
616	<b>AC Service:</b>					
617	Extension of 100 Amp AC Service (Opt.)	Per Request	NRFCW		\$6,447.00	
618	AC Usage	Per KWH	S8GEO	\$0.05		

**SBC MISSOURI**  
**COLLOCATION RATE SUMMARY**  
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**SBC MISSOURI/TCG-KC**  
**EFFECTIVE DATE:**

	A	B	C	D	E	F
1	Product Type	Rate Element Description	USOC	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
619	<b>DC POWER AMPERAGE CHARGE</b>					
620	Per Amp	Per Amp	<b>S8GCR</b>	\$10.61		
621	<b>FIBER CABLE PLACEMENT</b>					
622	Fiber Installation	Per Fiber Cable Sheath (CLEC Vendor Pulls Cable)	<b>S8GF4</b>	\$2.13	\$488.48	
623	Entrance Fiber Racking	Per Rack/Conduit Duct	<b>S8GDG</b>	\$1.55		
624	<b>CABLE RACK</b>					
625	DC Power Cable Rack	Per Rack	<b>S8GEP</b>	\$13.64	\$2,667.22	
626	Fiber Cable Rack	Per Rack	<b>S8GEQ</b>	\$20.63		
627	Interconnection Arrangement (Copper) Racking	Per Rack	<b>S8GER</b>	\$30.63		
628	<b>CONDUIT PLACEMENT</b>					
629	DC Power Cable Rack	Per Rack	<b>S8GES</b>		\$7,386.71	
630	Fiber Cable Rack	Per Rack	<b>S8GET</b>		\$4,711.89	
631	Interconnection Arrangement (Copper) Racking	Per Rack	<b>S8GEU</b>		\$5,545.50	
632	<b>INTERCONNECTION COSTS:</b>					
633	<b>ILEC TO CLEC CONNECTION</b>					
634	Voice Grade Arrangement	100 Copper Pairs (CLEC provides cable)	<b>S8F3G</b>	\$3.86	\$156.02	
635	Voice Grade Arrangement	100 Shielded Pairs (CLEC provides cable)	<b>S8F7W</b>	\$3.86	\$156.02	
636	DS1 Arrangement - DCS	28 DS1 (CLEC provides cable)	<b>S8F2L</b>	\$295.42	\$3,105.79	
637	DS1 Arrangement - DSX	28 DS1 (CLEC provides cable)	<b>S8F2R</b>	\$6.07	\$486.89	
638	DS3 Arrangement - DCS	1 DS3 (CLEC provides cable)	<b>S8F23</b>	\$115.30	\$1,809.40	
639	DS3 Arrangement - DSX	1 DS3 (CLEC provides cable)	<b>S8F27</b>	\$5.69	\$116.67	
640	Fiber Arrangement	12 Fiber Pairs (CLEC provides cable)	<b>S8F3N</b>	\$3.76	\$495.49	
641						
642	<b>SBC-PROVISIONED FACILITIES &amp; EQUIPMENT: ADJACENT ON-SITE</b>					
643	<b>PLANNING</b>					
644	Planning - Initial	Per Request	<b>NRFA1</b>		\$9,268.73	
645	Planning - Subsequent	Per Request	<b>NRFA2</b>		\$1,606.77	
646	<b>REAL ESTATE</b>					
647	Land Rental	Per Square Foot	<b>S8GEN</b>	\$0.44		
648	<b>POWER PROVISIONING</b>					
649	<b>Power Cable and Infrastructure:</b>					
650	2-100 Amp Feeds	Per 2-100 Amp Power Feeds	<b>S8GC4</b>	\$13.84	\$7,853.86	
651	2-200 Amp Feeds	Per 2-200 Amp Power Feeds	<b>S8GC5</b>	\$13.84	\$14,584.00	
652	2-300 Amp Feeds	Per 2-300 Amp Power Feeds	<b>S8GC6</b>	\$13.84	\$20,338.00	
653	2-400 Amp Feeds	Per 2-400 Amp Power Feeds	<b>S8GC7</b>	\$13.84	\$28,143.00	
654	<b>AC Service:</b>					
655	Extension of 100 Amp AC Service (Opt.)	Per Request	<b>NRFCW</b>		\$6,447.00	
656	AC Usage	Per KWH	<b>S8GEO</b>	\$0.05		
657	<b>DC POWER AMPERAGE CHARGE</b>					
658	Per Amp	Per Amp	<b>S8GCR</b>	\$10.61		
659	<b>FIBER CABLE PLACEMENT</b>					
660	Fiber Installation	Per Fiber Cable Sheath	<b>S8GDF</b>	\$2.13	\$976.96	
661	Entrance Fiber Racking	Per Rack/Conduit Duct	<b>S8GDG</b>	\$1.55		
662	<b>CABLE RACK</b>					
663	DC Power Cable Rack	Per Rack	<b>S8GEP</b>	\$13.64	\$2,667.22	
664	Fiber Cable Rack	Per Rack	<b>S8GEQ</b>	\$20.63		
665	Interconnection Arrangement (Copper) Racking	Per Rack	<b>S8GER</b>	\$30.63		
666	<b>CONDUIT PLACEMENT</b>					
667	DC Power Cable Rack	Per 2-Duct	<b>S8GES</b>		\$7,386.71	
668	Fiber Cable Rack	Per 1-Duct	<b>S8GET</b>		\$4,711.89	
669	Interconnection Arrangement (Copper) Racking	Per 2-Duct	<b>S8GEU</b>		\$5,545.50	
670	<b>INTERCONNECTION COSTS:</b>					
671	<b>ILEC TO CLEC CONNECTION</b>					
672	Voice Grade Arrangement	100 Copper Pairs	<b>S8GEA</b>	\$6.19	\$1,371.93	
673	Voice Grade Arrangement	100 Shielded Pairs	<b>S8GEB</b>	\$6.19	\$1,371.93	
674	DS1 Arrangement - DCS	28 DS1	<b>S8GDN</b>	\$439.98	\$2,341.45	
675	DS1 Arrangement - DSX	28 DS1	<b>S8GDS</b>	\$35.04	\$2,341.45	
676	DS3 Arrangement - DCS	1 DS3	<b>S8GDY</b>	\$242.36	\$598.33	
677	DS3 Arrangement - DSX	1 DS3	<b>S8GD3</b>	\$12.36	\$598.33	
678	Fiber Arrangement	12 Fiber Pairs(24 Fiber Strands)	<b>S8GEG</b>	\$8.25	\$3,751.22	
679						

**SBC MISSOURI**  
**COLLOCATION RATE SUMMARY**  
**JULY 28, 2005**

**SBC MISSOURI/TCG-KC**  
 EFFECTIVE DATE:

	A	B	C	D	E	F
1	Product Type	Rate Element Description	USOC	Current Monthly Recurring Rate	Current Non-Recurring Rate (Initial)	Current Non-Recurring Rate (Additional)
680	<b>CLEC-PROVISIONED FACILITIES &amp; EQUIPMENT: ADJACENT OFF-SITE</b>					
681	<b>PLANNING</b>					
682	Planning	Per Request	<b>NRFA3</b>		\$1,254.32	
683	<b>CONDUIT</b>					
684	Conduit Space	Per Innerduct	<b>S8GEW</b>	\$1.17		
685	<b>INTERCONNECTION COSTS:</b>					
686	<b>ILEC TO CLEC CONNECTION</b>					
687	Voice Grade/DS0 Arrangement	900 DS0 (Hole, Racking, MDF) (CLEC Vendor Pulls and Installs Cable)	<b>S8GF5</b>	\$311.43		
688	DS1 Arrangement - DCS	28 DS1 (Hole, Racking, DCS) (CLEC Vendor Pulls and Installs Cable)	<b>S8GF6</b>	\$439.96		
689	DS1 Arrangement - DSX	28 DS1 (Hole, Racking, DSX) (CLEC Vendor Pulls and Installs Cable)	<b>S8GF7</b>	\$35.03		
690	DS1 Arrangement - MDF	450 DS1 (Hole, Racking, MDF) (CLEC Vendor Pulls and Installs Cable)	<b>S8GF8</b>	\$311.43		
691	Fiber Arrangement	12 Fiber Pairs (Hole, Racking, FDF) (CLEC Vendor Pulls and Installs Cable)	<b>S8GF9</b>	\$9.02		
692						
693	<b>SBC-PROVISIONED FACILITIES &amp; EQUIPMENT: ADJACENT OFF-SITE</b>					
694	<b>PLANNING</b>					
695	Planning	Per Request	<b>NRFA3</b>		\$1,254.32	
696	<b>CONDUIT</b>					
697	Conduit Space	Per Innerduct	<b>S8GEW</b>	\$1.17		
698	<b>INTERCONNECTION COSTS:</b>					
699	<b>ILEC TO CLEC CONNECTION</b>					
700	Voice Grade/DS0 Arrangement	900 DS0	<b>S8GEC</b>	\$311.43	\$485.31	
701	DS1 Arrangement - DCS	28 DS1	<b>S8GDO</b>	\$439.96	\$1,830.99	
702	DS1 Arrangement - DSX	28 DS1	<b>S8GDT</b>	\$35.03	\$1,830.99	
703	DS1 Arrangement - MDF	450 DS1	<b>S8GDU</b>	\$311.43	\$485.31	
704	Fiber Arrangement	12 Fiber Pairs (24 Fiber Strands)	<b>S8GEH</b>	\$9.02	\$3,370.20	