
ACCESS SERVICES

TITLE PAGE

TCG ST. LOUIS

Schedule of Rates, Charges, and Regulations Governing Regulated

ACCESS SERVICES

Applying to Intrastate Services within
the State of Missouri

Effective December 30, 2011 TCG St. Louis, P.S.C MO No. 7, replaces P.S.C.
MO No. 5 in its entirety.

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ISSUED BY: CAROL PAULSEN, DIRECTOR
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ACCESS SERVICES

PREFACE

DEFINITIONS (Cont'd)

Company

The term Company denotes TC Systems, Inc., which is the issuer of this Tariff.

Customer(s)

The term Customer(s) denotes any individual, partnership, association, joint-stock company, trust, corporation, or governmental entity or other entity which subscribes to the services offered under this Tariff.

Customer Premises

The term Customer Premises denotes the premises designated or used by the Customer for the provision of Access Service.

Dial Around Service

Dial Around Service allows an End User to reach a non-presubscribed Interexchange Carrier via dialing 10XXX or 101XXXX.

DS1 Facility

The term DS1 Facility denotes a facility that is capable of transmitting electrical signals at a nominal rate of 1.544 Mbps, with the capability to channelize up to 24 voice-frequency transmission paths.

DS3 Facility

The term DS3 Facility denotes a facility that is capable of transmitting electrical or optical signals at a nominal rate of 44.736 Mbps, with the capability to channelize up to 672 voice-frequency transmission paths.

End Office

The term "End Office" denotes a Company switching system where Local Exchange Service customer station loops are terminated for purposes of interconnection to each other and to trunks.

ACCESS SERVICES

1. APPLICATION OF TARIFF

1.1 Application

1.1.1 General

This tariff applies to the furnishing of Access Services by TCG St. Louis ("TCG") within the State of Missouri. Dedicated Access Services are furnished for the use of business customers in establishing a point-to-point communications path within the State of Missouri. Switched Access Services are furnished for the capability of originating and terminating intrastate Long Distance calls.

This tariff applies only for the use of the Company's services for communications within the State of Missouri.

The provision of Access Services is subject to existing regulations specified in the tariffs of TCG St. Louis, and may be revised, added to, or supplemented by superseding issues.

All offered service contained herein is subject to available facilities and authorization from the local municipalities in the jurisdiction where the service is offered.

When services and facilities provided by TCG are used to obtain access to the regulated or unregulated services provided by another company, or are used by another company as a part of the regulated or unregulated services offered by that company, the regulations of TCG apply only to the use of TCG's services and facilities.

Services under this Tariff may be offered and billed under the name of the Teleport Communications Group Operating Company serving the customer's location, or under the name of a subsidiary or affiliate, including but not limited to AT&T Corp., AT&T Communications, and any AT&T affiliates authorized to provide you with AT&T services prior to November 17, 2005. Services may be offered singly or in bundles with services offered by Teleport Communications Group Operating Companies or their affiliates.

ACCESS SERVICES

2. GENERAL REGULATIONS

2.1 Undertaking of the Company (Cont'd)

2.1.2 Limitations (Cont'd)

B. Use and Restoration of Services

The use and restoration of services shall be in accordance with Part 64, Subpart D, Appendix A, of the Federal Communications Commission's Rules and Regulations, which specifies the priority system for such activities.

C. Reserved For Future Use

D. Resale and Sharing

Any service provided under the Company tariffs may be resold to or shared with other persons at the option of Customer, except as provided in Section 2.1.2.A. Customer remains solely responsible for all use of services ordered by it or billed to its telephone number(s) pursuant to the tariffs of the Company, for determining who is authorized to use its services, and for notifying the Company of any unauthorized use. Customers are responsible for obtaining all required authorization to provide telecommunications services on a resale or shared basis.

E. Joint Use Arrangements

Joint use arrangements will be permitted for all services available for resale and sharing pursuant to the Company tariffs. From each joint use arrangement, one member will be designated to the Customer responsible for the manner in which the joint use of the service will be allocated. TCG will accept orders to start, rearrange, relocate, or discontinue service only from the Customer. Without affecting the Customer's ultimate responsibility for payment of all charges for the service, each joint user shall be responsible for the payment of the charges billed to it.

ACCESS SERVICES

2. GENERAL REGULATIONS

2.1 Undertaking of the Company (Cont'd)

2.1.3 Liability (Cont'd)

- J. The Company shall not be liable for any damages whatsoever to property resulting from the installation, maintenance, repair or removal of equipment and associated wiring unless the damage is caused by the Company's willful misconduct or negligence.
- K. THE COMPANY MAKES NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED EITHER IN FACT OR BY OPERATION OF LAW, STATUTORY OR OTHERWISE, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE, EXCEPT THOSE EXPRESSLY SET FORTH IN ITS TARIFFS.
- L. The Company shall not be liable for and damages whatsoever associated with service, facilities, or equipment which the Company does not furnish or for any act or omission of Customer or any other entity furnishing services, facilities or equipment used for or in conjunction with TCG Kansas City, Inc. service.

ACCESS SERVICES

2. GENERAL REGULATIONS

2.2 Use

2.2.1 Interference or Impairment

The characteristics and methods of operation of any circuits, facilities or equipment provided by other than the Company and associated with the facilities utilized to provide services under this Tariff shall not:

- interfere with or impair service over any facilities of the Company, its affiliated companies, or its connecting and concurring carriers involved in its services,
- cause damage to their plant,
- impair the privacy of any communications carried over their facilities, or
- create hazards to the employees of any of them or to the public.

2.2.2 Unlawful and Abusive Use

The service provided under this Tariff shall not be used for an unlawful purpose or used in an abusive manner.

Abusive use includes:

- The use of the service of the Company for a call or calls, anonymous or otherwise, in a manner reasonably expected to frighten, abuse, torment, or harass another;
- The use of the service in such a manner as to interfere with the use of the service by one or more other Customers or End Users.

If a Customer (or any reseller or intermediary in the sales chain between the Customer and an End User) fails to comply with Section 2.2.3., following, the Company may, on written notification to the Customer, immediately deny requests for additional service and/or restrict service to the non-complying Customer. If the non-compliance is not cured to the Company's reasonable satisfaction within thirty (30) days after the date of notification, the Company may discontinue the service upon five (5) days prior written notice to the Customer (such cure may require, among other things, corrective communications with end users, in addition to cessation of the non-complying use of TCG's Marks). The Company may pursue any other available remedies with respect to the conduct that constitutes the non-compliance.

ACCESS SERVICES

2. GENERAL REGULATIONS

2.3 Obligations of the Customer (Cont'd)

2.3.11 Determination of Charges for Mixed Intrastate and Interstate Usage

Usage Sensitive Rate Elements (T)

When the Customer's usage has mixed intrastate and interstate traffic, for that portion of the usage for which the Company is unable to determine the appropriate jurisdiction, the usage charges will be prorated between the intrastate and interstate. The jurisdictional percentages or default procedure set forth in 2.3.9 preceding, will serve as the basis for prorating the charges.

Monthly and Nonrecurring Chargeable Rate Elements (T)

When the jurisdiction of the rate element can be determined by the Company the charges applicable to the appropriate jurisdiction will be applied. Rate elements for which the Company cannot determine the appropriate jurisdiction will be prorated between intrastate and interstate. The jurisdictional percentages or default procedure set forth in 2.3.9 preceding, will serve as the basis for prorating the charges.

Identification and Rating of VoIP-PSTN Traffic (N)

A. Scope (N)

This section applies to VoIP-PSTN traffic exchanged between the Company and the customer in time division multiplexing ("TDM") format that originates and/or terminates in Internet protocol ("IP") format. VoIP-PSTN traffic originates and/or terminates in IP format if it originates from and/or terminates to an end-user customer of a service that requires Internet protocol-compatible customer premises equipment. (1) (N)

(1) Although the Company has taken the position that this tariff, by its own terms, already applies to VoIP-PSTN traffic, as defined herein, the Company has included this section in the tariff out of an abundance of caution to prevent any claim that it does not so apply, and to implement the decision by the Federal Communications Commission in its Report and Order in WC Docket Nos. 10-90, etc., FCC Release No. 11-161 (Nov. 18, 2011) ("FCC Order") that VoIP-PSTN access traffic should be exchanged at interstate access rates (unless the parties have agreed otherwise). By its terms, the FCC Order is prospective only and does not address preexisting law with regard to the applicability of intercarrier compensation or the enhanced service providers ("ESP") exemption to VoIP-PSTN Traffic. Including this section in the tariff in no way alters or otherwise affects the applicability of this tariff to VoIP-PSTN Traffic before the effective date of the FCC Order. (N)

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ACCESS SERVICES

2. GENERAL REGULATIONS

2.3 Obligations of the Customer (Cont'd)

2.3.11 Determination of Charges for Mixed Intrastate and Interstate Usage

A. Usage Sensitive Rate Elements

When the Customer's usage has mixed intrastate and interstate traffic, for that portion of the usage for which the Company is unable to determine the appropriate jurisdiction, the usage charges will be prorated between the intrastate and interstate. The jurisdictional percentages or default procedure set forth in 2.3.9 preceding, will serve as the basis for prorating the charges.

B. Monthly and Nonrecurring Chargeable Rate Elements

When the jurisdiction of the rate element can be determined by the Company the charges applicable to the appropriate jurisdiction will be applied. Rate elements for which the Company cannot determine the appropriate jurisdiction will be prorated between intrastate and interstate. The jurisdictional percentages or default procedure set forth in 2.3.9 preceding, will serve as the basis for prorating the charges.

ACCESS SERVICES

2. GENERAL REGULATIONS

2.3 Obligations of the Customer (Cont'd)

2.3.11 Determination of Charges for Mixed Intrastate and Interstate Usage (Cont'd)

Identification and Rating of VoIP-PSTN Traffic (Cont'd)

A. Scope (Cont'd)

1. This section governs the identification of originating and terminating intrastate toll VoIP-PSTN traffic and facilities to which interstate switched access rates apply (unless the parties have agreed otherwise) in accordance with the transitional Intercarrier Compensation framework for VoIP-PSTN traffic adopted by the Federal Communications Commission in its Report and Order, FCC Release No. 11-161 (Nov. 18, 2011) ("FCC Order"). Specifically, this section establishes the method that will be used to identify the percentage of the customer's intrastate access traffic, that will be treated as intrastate toll VoIP-PSTN traffic (referred to in this tariff as "Relevant VoIP-PSTN Traffic"),
2. This section applies to originating and terminating intrastate switched access minutes of use ("MOU") and facility rate elements of all Access customers.
3. The customer shall not modify its reported PIU factor to account for the VoIP-PSTN Traffic for MOU and facility rate elements.

B. Rating of VoIP-PSTN Traffic

The Relevant VoIP-PSTN Traffic and facility rate elements identified in accordance with this tariff section will be billed at rates as specified in the Price List and equal to the Company's applicable tariffed interstate switched access rates.

ACCESS SERVICES

2. GENERAL REGULATIONS

2.3 Obligations of the Customer (Cont'd)

2.3.11 Determination of Charges for Mixed Intrastate and Interstate Usage (Cont'd)

Identification and Rating of VoIP-PSTN Traffic (Cont'd)

C. Calculation and Application of Percent-VoIP-Usage Factors

The Company will determine the number of Relevant VoIP-PSTN Traffic MOU and facility rate elements to which interstate rates will be applied under subsection B above, by applying the Percent VoIP Usage ("PVU") factor to the intrastate access MOU exchanged and facilities between the Company and the customer. The PVU factors will be derived and applied as follows:

1. The customer will calculate and furnish to the Company a factor (the "PVUC") delineated by Carrier Identification Code ("CIC") or Operating Company Numbers ("OCNs"), representing the percentage (whole number) of the total intrastate access MOU that the customer exchanges with the Company end users in the State, that (a) is sent to the Company that originated in IP format at the end user; or (b) is received from Company and terminated in IP format at the end user. This PVUC shall be based on information such as the number of the customer's retail VoIP subscriptions in the state (e.g., as reported on FCC Form 477), traffic studies, actual call detail, or other relevant and verifiable information satisfactory to the Company.
2. The Company will calculate and periodically update a factor (the "PVUT") representing the percentage (whole number) of the total intrastate access MOU that the Company exchanges with the customer end users in the State, that (a) is sent to the Customer that originated in IP format at the end user; or (b) is received from the Customer and terminated in IP format at the end user. This PVUT shall be based on information such as the number of the customer's retail VoIP subscriptions in the state (e.g., as reported on FCC Form 477), traffic studies, actual call detail, or other relevant and verifiable information.

ACCESS SERVICES

2. GENERAL REGULATIONS

2.3 Obligations of the Customer (Cont'd)

2.3.11 Determination of Charges for Mixed Intrastate and Interstate Usage (Cont'd)

Identification and Rating of VoIP-PSTN Traffic (Cont'd)

C. Calculation and Application of Percent-VoIP-Usage Factors (Cont'd)

3. The Company will develop a Customer Percent VoIP Usage ("PVU") factors combining the Customer's PVUC factor with the Company's PVUT factor.

a. The PVU calculation below is applied when the Company does not bill based on actual call detail records for the intrastate Company's IP traffic at interstate rates.

$PVU = PVUC + [PVUT \times (1 - PVUC)]$ applied to the Company's end user's total intrastate MOU and facility rate elements

Example: The customer reported that their PVUC as 40%. The Company's PVUT is 10%. This results in the following:

$PVU = 40\% \text{ plus } (10\% \text{ times } (1 - 40\%)) = 46\%$

This means that 46% of the Intrastate MOU exchanged between the customer and the Company's end users will be rated at Interstate rates.

ACCESS SERVICES

2. GENERAL REGULATIONS

2.3 Obligations of the Customer (Cont'd)

2.3.11 Determination of Charges for Mixed Intrastate and Interstate Usage (Cont'd)

Identification and Rating of VoIP-PSTN Traffic (Cont'd)

C. Calculation and Application of Percent-VoIP-Usage Factors (Cont'd)

3. (Cont'd)

- b. The PVU calculation below is applied when the Company bills are based on the actual call detail records for the intrastate Company's IP traffic at interstate rates.

The formula for usage will be as follows:

$PVU = PVUC \times (1 - PVUT)$ applied to the Company's TDM end user's total intrastate MOU.

$PVU = PVUC + [PVUT \times (1 - PVUC)]$ is applied to the facility rate elements

Example: The Company has identified that there was 10,500 Intrastate MOU that were identified exchanged between the Customer and the Company's IP end users. The Customer reported that their PVUC as 40%. The Company's PVUT is 10%. This results in the following:

$PVU = 40\% \text{ times } (1 - 10\%) = 36\%$

This means that 36% of the Intrastate MOU exchanged between the Customer and the Company's TDM end users will be rated at Interstate rates and the intrastate 10,500 MOU will also be rated at Interstate rates.

For the facility rate elements the formula that is applied to the intrastate dedicated facilities is as follows:

$PVU = 40\% \text{ plus } (10\% \text{ times } (1 - 40\%)) = 46\%$

Therefore 46% of the Intrastate facilities will be rated at interstate rates.

- 4. If the customer does not furnish the Company with a PVUC pursuant to the preceding paragraph C.1, the Company will utilize a customer PVUC of 0%.

ACCESS SERVICES

2. GENERAL REGULATIONS

2.3 Obligations of the Customer (Cont'd)

2.3.11 Determination of Charges for Mixed Intrastate and Interstate Usage (Cont'd)

Identification and Rating of VoIP-PSTN Traffic (Cont'd)

D. Initial PVU Factor

If the PVU factors are not available and/or cannot be implemented in the Company's billing systems by January 1, 2012, when the factors are available and can be implemented in the Company billing systems, the Company will adjust the customer's bills to reflect the PVU factors retroactively to January 2012 usage and facilities. In calculating the initial PVU factors, the Company will employ the customer-specified PVUC retroactively to January 2012 usage and facilities, provided that the customer provides the factor to the Company no later than April 15, 2012. Otherwise, it will set the initial PVU factors as specified in subsection C.4 above.

E. PVU Factor Updates

The customer may update the PVUC factor quarterly using the method set forth in subsection C.1 and C.4 above. If the customer chooses to submit such updates, it shall forward to the Company, no later than 15 days after the first day of January, April, July and/or October of each year, a revised PVUC factor based on data for the prior three months, ending the last day of December, March, June and September, respectively. The Company will use the revised PVUC to calculate a revised PVU. The revised PVU factor will only apply prospectively and serve as the basis for billing until superseded by a new PVU.

F. PVU Factor Verification

Not more than twice in any year, the Company may ask the Customer to verify the PVUC factor furnished to the Company. The customer shall comply, and shall reasonably provide the records and other information used to determine their PVUC as specified in section C.1 and C.4 above. The customer shall retain and maintain (for verification purposes) the records and other information used to determine the PVUC, for at least 12 months after the PVUC is filed (or longer if any other section of the Company's tariffs or applicable law requires a longer period). The verification process shall be conducted consistent with the provisions in this Section.

ACCESS SERVICES

2. GENERAL REGULATIONS

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Title or Ownership Rights

The payment of rates and charges by Customers for the services offered under the provisions of this Tariff does not assign, confer or transfer title or ownership rights to service designs, proposals, configurations or facilities developed or utilized, respectively, by the Company in connection with the provision of such services.

2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved

When an Access Service is provided by more than one telephone company, Meet Point Billing is required as set forth in A. following.

Meet Point billing applies where a customer orders Call Completion Service to a tandem operated by another Exchange Telephone Company which subtends an end office operated by the Company. All other recurring and nonrecurring charges for services provided by each Exchange Telephone Company are billed under each company's applicable rates exhibited in their respective tariffs.

The Company accepts and adheres to the Ordering and Billing Forum guidelines, Multiple Exchange Carrier Access Billing (MECAB) and Multiple Exchange Carrier Ordering and Design (MECOD).

The Company will handle ordering, rating and billing of Access Services under this Tariff where more than one Exchange Telephone Company is involved in the provision of Access Services as follows:

- A. When FGD is ordered by a customer to a tandem operated by another Exchange Telephone Company which is subtended by an end office operated by TCG, the customer must provide the original order to the Exchange Telephone Company which operates the access tandem, and must provide a copy of the order to this Company.

ACCESS SERVICES

4. CALL COMPLETION SERVICES

4.1 Call Completion Service

Call Completion Service provides for the capability of originating and terminating intrastate long distance calls to and from an end user's premises to a customer's facilities via TCG's switch.

4.1.1 Call Completion Service Arrangement

Call Completion is provided as a trunk side connection, Feature Group D (FGD) Type, to TCG's switches with an associated Carrier Identification Code (CIC) for the customer's use in originating and terminating communications.

4.1.2 Provisioning

- A. Call Completion Service is provisioned as FGD at the DS1 level using D3/D4 format (as defined in AT&T TR 62411) on a per trunk basis and is differentiated by type and directionality of transmission. Originating traffic type represents capacity for carrying traffic from the end user to the customer; Terminating traffic represents capacity for carrying traffic from the customer to the end user. All traffic must be associated with customer-provided Carrier Identification Code (CIC).
- B. An out of band signaling connection (Common Channel Signaling Access Services Port) is required in conjunction with Call Completion service equipped with out of band signaling. Out of band signaling allows the customer to pass call set-up information over a path which is separate from the message path utilizing Signaling System 7 (SS7) protocol. This connection is provided at the DS0 level and provides the interconnection between TCG's Signal Transfer Point (STP) and the customer's Signaling Point of Interconnection (SPOI).
- C. FGD is provided as trunk side switching and may be provided with wink start or start-pulsing signals and answer and disconnect supervisory signaling, or without signaling when out of band signaling is specified. TCG will follow all applicable industry practice in the provision of Call Completion Service.

ACCESS SERVICES

4. CALL COMPLETION SERVICES

4.1 Call Completion Service (Cont'd)

4.1.2 Provisioning (Cont'd)

- E. FGD switching is provided with multi frequency address or out of band signaling. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multi frequency or dial pulse address signals will be provided by TCG to the customer's premises where Call Completion Service terminates. Such address signals are subject to the ordinary transmission capabilities of the Digital transmission Service provided. Calls in the terminating direction will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 or 555-1212), service codes 611 and 911, or 10XXX access codes.
- F. The access code for FGD switching is a uniform access code of the form 10XXX. A single access code will be the assigned number of all FGD access provided to the customer by TCG. No access code is required for calls to a customer over FGD facilities if the end user's service is arranged for presubscription.
- G. Where no access code is required, the number dialed by the customer's end user shall be a seven or ten digit number for calls in the North America Numbering Plan (NANP), except for 00- dialed calls which are routed to the pre-designated customer. For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and where the TCG switch is equipped for International Direct Distance Dialing (IDDD), 01 + CC + NN or 011 + CC +NN.

 ACCESS SERVICES

4. CALL COMPLETION SERVICES

4.1 Call Completion Service (Cont'd)

4.1.3 Optional features

A. Optional features available with FGD include the following:

1. Automatic Number Identification (ANI) This option provides the automatic transmission of a ten digit number and information digits to the customer's premises for originating calls to identify the calling station. The ANI feature is an end office software function which is associated on a call-by-call basis with all individual transmission paths in a trunk group. When out of band signaling is specified, the customer may obtain an ANI equivalent by ordering the Charge Number optional feature as specified in (d) following. The ten-digit ANI telephone number will be transmitted on all calls except those identified as multiparty line or ANI failure, in which case only the NPA will be transmitted (in addition to the information digit described following).

The information digits identify: (1) telephone number is the station billing number - no special treatment required, (2) multiparty line- telephone number is a multiparty line and can not be identified - number must be obtained via an operator or in some other manor, (3) ANI failure has occurred in the end office switch which prevents identification of calling telephone number - number must be obtained via an operator or in some other manor, (4) hotel/motel originated call which requires room number identification, (5) coinless station, hospital, inmate, etc. call which requires special screening or handling by the customer, and (6) call is an Automatic Identified Outward Dialed (AIOD) call from customer premises equipment. The ANI telephone number is the listed telephone number of the customer and is not the telephone number of the calling party.

2. Calling Party Number (CPN)-This option provides for the automatic transmission of the calling party's ten digit telephone number to the customer's premises for originating calls. The ten-digit telephone number consist of the NPA plus the seven-digit telephone number, which may or may not be the same as the calling station's charge number. The protocol for CPN is contained in Bellcore Technical Reference TR-TSV-000905. This feature is only available when out of band signaling is specified.
 - TCG will transmit a "privacy indicator" as part of the CPN information in those jurisdictions where end users may elect that their CPN information may not be passed to the called party, and where the end user has taken the necessary actions to ensure that their CPN is so blocked.

ACCESS SERVICES

4. CALL COMPLETION SERVICES

4.1 Call Completion Service (Cont'd)

4.1.3 Optional features (Cont'd)

A. (Cont'd)

- 3) Charge Number (CN) This option provides for the automatic transmission of the ten-digit billing number of the calling station number and originating line information. The protocol for CN is contained in Technical reference TR-TSV-000905. This feature is only available when out of band signaling is specified.
- 4) Carrier Selection Parameter (CSP) This option provides for the automatic transmission of a signaling indicator which signifies to the customer whether the call being processed originated from a presubscribed end user of that customer. The protocol for CSP is contained in Technical reference TR-TSV-000905. This feature is only available when out of band signaling is specified.
- 5) 800/888 Toll Free Service. 800/888 Toll Free Service is an originating only trunk side service. When an 800+NXX+XXXX call is originated by an end user, TCG will perform customer identification based on screening of the full ten-digits of the 800/888 number to determine the location to which the call is to be routed.

Call Completion rates and charges apply to 800/888 Toll Free Services calls originated from TCG end offices. In addition to Call Completion usage charges, a basic query charge as specified in section 4.4(D) following applies to each 800/888 Toll Free Service call delivered to the customer. A basic query charge consists of customer identification {i.e., Carrier Identification Number (CIC), delivery of the ten-digit number, ANI, and the allowable area of service, designated by the customer, from which 800/888 calls can be received)

ACCESS SERVICES

4. CALL COMPLETION SERVICES

4.1 Call Completion Service (Cont'd)

4.1.3 Optional features (Cont'd)

A. (Cont'd)

- 6) Common Channel Signaling Access Service (CCSAS). This option allows the customer to exchange signaling information for FGD call set up over a communications path which is separate from the message path. This service includes a dedicated 56 Kbps out of band signaling connection between the customer's SPOI and the Company's STP. CCSAS is provisioned for two-way transmission of out of band signaling information.

Each CCSAS Signaling Connection provides for two-way digital transmission at a speed of 56 Kbps. The connection to the STP pair can be made from either the customer's signaling Point (SP) which requires a minimum of two 56 Kbps circuits or from the customer's STP pair which requires a minimum of four 56 Kbps circuits. STP locations are set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. CCSAS Signaling Connection rates and charges are specified in Section 4.4.B following.

- 7) Operator Transfer Service. This option allows end user Customers who dial 0 to be transferred to the customer's Operator service by TCG operators.

ACCESS SERVICES

3. DEDICATED ACCESS SERVICES

3.2 Rates for Dedicated Access Services (Cont'd.)

C) Fanout DS1 Service

This service consists of up to 28 DS1 (1.544 Mbps) digital channels, which are aggregated at a TCG Node onto a standard DS3 circuit with Interoffice Mileage and a Local Distribution Channel at the terminating end. There is a minimum 1-year service period for each Fanout DS1 Service.

1) Southwestern Bell Region Rate schedule - DS3/1 Mux (Fanout) Rate Schedule

Service Configuration	Non-Recurring	Monthly Recurring		
		1 Yr.	3 Yr	5 Yr.
DS3 Channel between a Client Location and a ALS Node	Standard DS3 NRC Rate Schedule	Standard DS3 Rate Schedule*		
DS3/1 Mux @ ALS Node	\$187	\$671	\$486	\$440
Optional DS3/1 Mux @ Client Location	\$187	\$671	\$486	\$440
DS1 Fanout Channel	Standard DS1 NRC Rate Schedule	Standard DS1 Rate Schedule**		

Fanout circuit mileage and pricing should be determined by the customer's preferred routing scheme (i.e., based on mileage between Southwestern Bell Central Offices serving the circuit endpoints) and not on TCG node location(s) where the circuit(s) are actually being routed. For example, a customer may designate the Southwestern Bell St. Louis Central Office as their preferred fanout location. Although TCG St. Louis may choose to route this circuit through its own node, the mileage and pricing should be based on a fanout through the St. Louis Central Office.

2) GTE Region Rate schedule - DS3/1 Mux (Fanout) Rate Schedule

Service Configuration	Non-Recurring	Monthly Recurring		
		1 Yr.	3 Yr	5 Yr.
DS3 Channel between a Client Location and a ALS Node	Standard DS3 NRC Rate Schedule*	Standard DS3 Rate Schedule*		
DS3/1 Mux @ ALS Node	\$417	\$265	\$265	\$265
Optional DS3/1 Mux @ Client Location	\$417	\$265	\$265	\$265
DS1 Fanout Channel	Standard DS1 NRC Rate Schedule*	Standard DS1 Rate Schedule**		

* One DS3 local distribution charge

** One DS1 local distribution charge applies to each DS1 fanned out from node

ACCESS SERVICES

3. DEDICATED ACCESS SERVICES

3.2 Rates for Dedicated Access Services (Cont'd)

F) Fanout DS0 Service

1) Southwestern Bell Region - DS0/1 Mux (Fanout) Rate Schedule

Service Configuration	Non-Recurring	Monthly Recurring		
		1 Yr.	3 Yr	5 Yr.
DS1Service	Standard DS1 NRC Rate Schedule	Standard DS1 Rate Schedule		
DS1/0 MUX @ TCG Node	\$0	\$171	\$154	\$146
DS0 Fanout Channel	Standard DS0 NRC Rate Schedule	Standard DS0 Rate Schedule		

2) GTE Region - DS0/1 Mux (Fanout) Rate Schedule

Service Configuration	Non-Recurring	Monthly Recurring		
		1 Yr.	3 Yr	5 Yr.
DS1Service	Standard DS1 Rate Schedule	Standard DS1 Rate Schedule		
DS1/0 MUX @ TCG Node	\$1,425	\$262	\$262	\$262
DS0 Fanout Channel	Standard DS0 Rate Schedule	Standard DS0 Rate Schedule		

ACCESS SERVICES

4. CALL COMPLETION SERVICE

4.4 Call Completion Rates

Service Orders

Service Component	Non-Recurring Charge
-Installation Charge -Per Line or Trunk	\$3,413.00
-Access Order Charge - Per Access Request	\$15.00
-Engineering Change Charge - Per Engineer Hour	\$45.00/hr.
-Service Date Change - Per Access Request	\$13.00
-Design Change - Per Access Request	\$30.00

Switched Transport

Service Component	Rates	
	Non-Recurring	Per Access Minute
Tandem Switched Transport		
Tandem Switched Facility		
-Tandem Trans. Per Call Miles		
Facility 0 to 1 Call Miles	None	\$ 0.004800
Facility over 1 to 25 Call Miles	None	\$ 0.007300
Facility over 25 to 50 Call Miles	None	\$ 0.015400
Facility over 50 Call Miles	None	\$ 0.025900
-Tandem Trans. Fixed	None	\$.0000000
-Tandem Switching	None	\$.0000000
Common Channel Signaling Access	Non-Recurring	Recurring
STP Port Termination (per port)	\$214.00	\$318.87
STP Link Transport (per mile)	None	\$ 0.91
STP Link Transport (Fixed)	None	\$100.16

See ICB reference in Section 4.3.1

ISSUED: DECEMBER 15, 2011

EFFECTIVE: JANUARY 14, 2012

CANCELED

July 1, 2012

Missouri Public

Service Commission

TT-2012-0317, YC-2012-0643

ISSUED BY: CAROL PAULSEN, DIRECTOR
208 S AKARD ST., DALLAS, TX, 75202

FILED
Missouri Public
Service Commission
JC-2012-0271

ACCESS SERVICES

4. CALL COMPLETION SERVICE

4.4 Call Completion Rates (Cont'd.)

C) End Office

Service Component	Originating (\$ Per MOU)	Terminating (\$ Per MOU)
Call Completion - No Minimum Volume	\$.0166070	\$.0234150
Call Completion - (Unbundled)	\$.0166070	\$.0234150
Service Component	Rate Per Call	
Carrier Identification Code Parameter (CIP)	\$.000248	

D) 800/888 TOLL FREE SERVICE

Service Component	Non-Recurring	Per Query
800/888 Data Base Query	None	\$.003100

E) Operator Transfer

Service Component	Non-Recurring	Per Call
Operator Transfer (per call)	None	\$0.22

F) Presubscription

Service Component	Non-Recurring	Per Call
Presubscription (Per Line)	\$0.00	None

G) Directory Assistance

Service Component	Non-Recurring	Per Call
Directory Assistance Service Call	None	\$0.2975

ACCESS SERVICES

4. CALL COMPLETION SERVICE

4.4 Call Completion Rates (Cont'd)

VoIP-PSTN

1. Switched Transport

Service Component	Rates	
	Non-Recurring	Per Access Minute
Tandem Switched Transport		
Tandem Switched Facility -Tandem Trans. Per Mile, Per Minute		\$0.000003
-Tandem Trans. Fixed	None	\$0.000053
-Tandem Switching	None	\$0.000328
Common Muxing	None	\$0.000047

2. End Office

Service Component	Originating (\$ Per MOU)	Terminating (\$ Per MOU)
Call Completion - No Minimum Volume	\$0.003463	\$0.003463

3. 800/888 TOLL FREE SERVICE

Service Component	Non- Recurring	Per Query
800/888 Data Base Query	None	\$0.002531

ISSUED: FEBRUARY 7, 2012

EFFECTIVE: MARCH 8, 2012

ISSUED BY: CAROL PAULSEN, DIRECTOR
208 S AKARD ST., DALLAS, TX, 75202

CANCELLED
August 14, 2012
Missouri Public
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JC-2013-0038

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