

## ACCESS SERVICE

15. Common Channel Signaling/Signaling System 7 (CCS/SS7) Data Base Services (Cont'd)15.1 Line Information Data Base (LIDB) Access Service (Cont'd)15.1.3 Undertakings of the Telephone Company (Cont'd)15.1.3.1 LIDB Data Specifications

The Telephone Company's LIDB will contain a record for every working line number and Billed Number group served by the Telephone Company. Other exchange carriers who may store their data in the Telephone Company LIDB are requested to provide this data as well.

The Telephone company will administer its LIDB update process by use of a Data Base Administration System (DBAS). Updates contain information for calling card, collect and bill-to-third Alternate Billing Services (ABS) verification.

The Telephone Company generates customer record service order update activity which is electronically transferred to LIDB from the DBAS system. Mechanized updates (e.g. add, delete, modify customer accounts as customers move, order new service, disconnect service, or become delinquent on their account) are processed daily, 6 days per week, Monday through Saturday. Emergency updates for calling cards reported lost, stolen or otherwise compromised will be made 7 days per week, 24 hours per day.

ABS query usage within LIDB is monitored for unusual patterns which may be indicators of abuse or attempted fraud. By using a threshold method, when validation queries for a specific LIDB record reach the Telephone Company established usage threshold level, the number is placed on an exception list and an investigator will determine the validity of the usage. If the usage is determined to be invalid, the investigator will immediately deactivate the record in LIDB.

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15. Common Channel Signaling/Signaling System 7 (CCS/SS7) Data Base Services (Cont'd)15.1 Line Information Data Base (LIDB) Access Service (Cont'd)15.1.3 Undertakings of the Telephone Company (Cont'd)15.1.3.1 LIDB Data Specifications (Cont'd)

Usage thresholds will be established by the Telephone Company. Thresholds may vary by class of end user account (e.g. residence, business). Usage thresholds are applied uniformly within LIDB, and will monitor combined query usage from all LIDB Access Service Customers. If a calling card is automatically disabled and the usage is determined valid, the calling card will be reactivated in LIDB.

The Telephone Company will also establish usage thresholds which, when met by query activity to a calling card record, will automatically disable the record in LIDB. The number is placed on an exception list and an investigator will determine validity of the usage.

The Telephone Company will administer its LIDB to insure the provision of acceptable service levels to all customers. During periods of LIDB congestion, an automatic call gapping procedure will be utilized to control such congestion. The automatic call gapping procedure signals the switch and identifies the gap (how long the switch should wait before sending another query) and the duration (how long the switch should continue to perform gapping) according to the level of congestion. For example, during an overload condition, the automatic call gapping procedure will signal the switch when to begin to drop one out of three of the queries received. This call gapping procedure will be applied uniformly to all users of the Telephone Company's LIDB service.

The Telephone Company maintains the right to invoke manual intervention of the automatic call gapping procedure to preserve the integrity of the network.

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15. Common Channel Signaling/Signaling System 7 (CCS/SS7) Data Base Services (Cont'd)

15.1 Line Information Data Base (LIDB) Access Service (Cont'd)

15.1.3 Undertakings of the Telephone Company (Cont'd)

15.1.3.2 Provisions of Billing Information

LIDB Access Service Queries received at the SCP are accumulated and records are generated identifying the number of queries processed by the originating point code (OPC) of the customer's Operator Service System (OSS) location. This information is delivered to the accounting office via tape or by teleprocessing for processing and billing. The query charges will be accumulated and billed to the LIDB Access Service customer each month.

The Telephone Company will provide sufficient information with the bill to enable the customer to determine how the billed amount was calculated. Included on the bill will be separate entries displaying the Billed Number Screening queries and the Calling Card Number queries.

Other reports may be provided as mutually agreed upon. Such agreements, provided on an individual case basis, may involve additional charges or conditions.

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15. Common Channel Signaling/Signaling System 7 (CCS/SS7) Data Base Services (Cont'd)

15.1 Line Information Data Base (LIDB) Access Service (Cont'd)

15.1.4 Obligations of the Customer

In addition to the obligations of the customer set forth in Section 2, preceding, the customer has certain specific obligations pertaining to the use of LIDB Access Service. These obligations are as follows:

15.1.4.1 LIDB Access Service PIU Report

The customer shall provide to the Telephone Company a LIDB Access Service Percent Interstate Usage (PIU) Report in accordance with the provisions specified in Section 2, preceding.

15.1.5 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for LIDB Access Service.

15.1.5.1 Description of Rates and Charges

There are two types of rates and charges that will apply to LIDB Access Service. These are usage rates and nonrecurring charges. These rates and charges are applied as set forth in (A) and (B) following. For billing purposes, each month is considered to have 30 days.

(A) Usage Rates

The usage rates (Query Transport and Query) for LIDB Access Service are applicable on a per query basis as described in 15.1.5.2 following.

(B) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific activity (i.e.,

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15. Common Channel Signaling/Signaling System 7 (CCS/SS7) Data Base Services (Cont'd)

15.1 Line Information Data Base (LIDB) Access Service (Cont'd)

15.1.5 Rate Regulations (Cont'd)

15.1.5.1 Description of Rates and Charges (Cont'd)

(B) Nonrecurring Charges (Cont'd)

change to an existing service.) The nonrecurring charges that apply for service rearrangements are described below.

Service Rearrangements

Service Rearrangements are changes to existing services which do not result in either a change in the minimum period requirements as set forth in Section 5.2.5 preceding or a change in the location designated by the OPC.

Changes which result in the establishment of new minimum period obligations are treated as a discontinuance of the existing service and establishment of a new service and all applicable nonrecurring charges will apply.

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15. Common Channel Signaling/Signaling System 7 (CCS/SS7) Data Base Services (Cont'd)

15.1 Line Information Data Base (LIDB) Access Service (Cont'd)

15.1.5 Rate Regulations (Cont'd)

15.1.5.1 Description of Rates and Charges (Cont'd)

(B) Nonrecurring Charges (Cont'd)

Service Rearrangements (Cont'd)

Certain service rearrangements which are administrative in nature (as specified in Section 6.7.1(C)(3) preceding) will be made without charge except as noted.

Provisions for service rearrangements for which nonrecurring charges will apply are also set forth in Section 6.7.1(C)(3) preceding.

15.1.5.2 Application of Rates and Charges

Rates and charges for LIDB Access Service are applied as follows:

(A) Query Transport

Query Transport is a usage rate charge which applies to each query routed over transmission facilities between the Telephone Company's STPs in Johnson City, Tennessee and Bristol, Tennessee and the Telephone Company SCP where the LIDB resides. These charges are applied on a per query basis, and are accumulated over a monthly period and billed to the customer on a monthly basis.

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15. Common Channel Signaling/Signaling System 7 (CCS/SS7) Data Base Services (Cont'd)

15.1 Line Information Data Base (LIDB) Access Service (Cont'd)

15.1.5 Rate Regulations (Cont'd)

15.1.5.2 Application of Rates and Charges (Cont'd)

(B) Query

A usage rated Query Charge applies to each LIDB query received at the Telephone Company Service Control Point (SCP). Per query charges are accumulated over a monthly period and are billed to the customer on a monthly basis.

15.1.5.3 Minimum Periods

LIDB Access Service is provided for a minimum of one month. When service is disconnected prior to the expiration of the minimum period, usage charges are applicable for the balance of the minimum period. If service is disconnected after the minimum period, usage charges will be based on the actual number of queries. For the purpose of administering this regulation, with respect to the determination of charges for a fractional part of a month, every month is considered to have 30 days.

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15. Common Channel Signaling/Signaling System 7 (CCS/SS7) Data Base Services (Cont'd)

15.1 Line Information Data Base (LIDB) Access Service (Cont'd)

15.1.6 Rates and Charges

	<u>Rate</u>
(A) Query Transport - per query	\$.0016
(B) Query - per query	\$.0366

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16. Operator Services

16.1 Operator Services Description

Effective September 1, 2016, Operator Inward Assistance (OIA) Service was discontinued. (N)  
(N)

Operator Services includes the service category of Operator Transfer. Operator Transfer service is provided from Operator Services System (OSS) Tandems to the customer's premises in conjunction with the rules and regulations of the specified Access Services found in Sections 2, 3, 5, and 6 preceding. Operator Services are unavailable in certain LATAs due to existing trunking arrangements. In locations where the provider of operator services is not the Telephone Company, availability of operator services is at the discretion of the operator services provider. If operator services are available, the Telephone Company rates are applicable and billed by the Telephone Company. In locations where the Telephone Company is the provider of operator services for other telephone companies, availability of operator services is contingent on the availability of operator services tariffs of that telephone company. The OSS Tandem locations are provided in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4. (C)  
(C)

16.1.1 Operator Transfer Service (OTS)

Operator Transfer is an originating service that provides call routing of 0- (the digit "0" with no additional digits) calls to a participating customer as requested by the calling end user. An Operator Transfer call is routed to the Telephone Company's OSS operator for completion to a destination outside the originating LATA when the calling party dials "0" and waits for an operator to assist with the call. The Telephone Company operator will, upon request, transfer the call to the calling end user's participating customer (i.e., the Telephone Company's Operator Transfer Service customer) of choice. If the calling end user has no specific customer preference, the OSS operator will consult reference information and offer to the calling party the name of a participating customer. The reference information is arranged to give all participating customers an equal opportunity of being offered to and chosen by the calling end user. After a selection is made by the calling end user the operator will then key in the selected customer's Carrier Identification Code (CIC) and transfer the call.

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16. Operator Services (Cont'd)

16.1 Operator Services Description (Cont'd)

16.1.2 Reserved For Future Use [1]

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16.2 Manner of Provisioning

(A) Operator Services trunking between the customer's premises and the OSS Tandem is provisioned as either Switched Access Feature Group B, Feature Group C, or Feature Group D service and may be arranged, per the customer's request, as either 1-way or 2-way service. These trunk groups are established as final trunks and will be assigned data registers to obtain usage, peg count, and overflow attempt information. If a trunk(s) does not currently exist between the customer's premises and the OSS Tandem(s), the customer must establish Feature Group B or Feature Group D service to the Telephone Company's OSS Tandem(s). The Telephone Company will provide trunk side switching along with trunk answer and disconnect supervisory signaling to the customer.

[1] Effective September 1, 2016, Operator Inward Assistance (OIA) Service was discontinued.

(N)

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16. Operator Services (Cont'd)

16.2 Manner of Provisioning (Cont'd)

- (B) When the OSS Tandem also functions as the Message Toll Service (MTS) Access Tandem, the customer may combine Operator Services traffic with its MTS Switched Access traffic between the OSS Tandem and the customer's premises provided the trunk group has the same signaling and routing requirements as specified for Operator Transfer. However, Operator Services traffic may not be combined with MTS Switched Access traffic if the customer provides operator functionality or coin control.

(C)

16.2.1 Operator Transfer

- (A) The customer must order sufficient capacity between the OSS Tandem(s) and the customer's premises to serve Operator Transfer traffic originating from those end offices. The Telephone Company OSS Tandems send 10-digit ANI (NPA + 7-digit telephone number) for Feature Group D trunk groups with Equal Access signaling or Operator Services Address signaling and Feature Group C trunk groups with Traditional signaling. However, the Telephone Company OSS Tandems send 7-digit ANI for Feature Group C trunk groups with Operator Services signaling. Therefore, if the customer requires Operator Transfer calls separately identified by the originating NPA for the Feature Group C trunk group with Operator Services signaling, the customer must utilize a separate and final trunk group, from the OSS Tandem to their customer's premises, for each NPA served by that OSS Tandem.
- (B) In order for the customer to provide full operator functionality (e.g., Operator Recall, Sequence Dialing, Time and Charge Quotation, and Emergency Ring-back) or coin control, the customer must order Operator Trunk - Pay Telephone for Feature Group C service or Operator Trunk - Full Feature for Feature Group D service. Full operator functionality is not required to provide operator transfer service. When coin control is provided, the customer must establish a separate and final trunk group for each type of end office operator/coin signaling (i.e., inband, expanded inband, and multiwink) existing in the end offices served by the OSS Tandem. Operator Transfer is not available for coin sent-paid traffic.

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16. Operator Services (Cont'd)

16.2 Manner of Provisioning (Cont'd)

16.2.2 Signaling

- (A) For Operator Transfer, the Telephone Company will provide Traditional signaling for Feature Group B or Feature Group C service or Equal Access signaling for Feature Group D service. Customers providing operator functionality for operator traffic or coin control for pay telephone traffic will be provided with Operator Services signaling for Feature Group C or Operator Services Address signaling for Feature Group D service.

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16.2.3 Design Layout Report

Upon request, the Telephone Company will provide, to the customer, the make-up of facilities and services provided from the customer's premises to the OSS Tandem. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided at no charge and will be reissued or updated whenever the facilities provided for the customer's use are materially changed.

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16. Operator Services (Cont'd)

16.2 Manner of Provisioning (Cont'd)

16.2.4 Design Blocking

Trunks between the customer's premises and the OSS Tandem will follow the normal Feature Group B, C, or D blocking criteria as set forth in 6.5.7 preceding. The Telephone Company will perform routine measurement functions to inform the customer that an adequate number of transmission paths are in service to meet the normal Feature Group B, C, or D design blocking levels. However, capacity levels and trunk quantities will be the responsibility of the customer.

16.2.5 Testing

Acceptance testing for Operator Services will be provided as set forth in 6.1.6 preceding. Testing Capabilities for Feature Group B, Feature Group C, and Feature Group D services utilized in conjunction with Operator Services will be provided as set forth in 6.2.2(D), 6.2.3(D) and 6.2.4(D) preceding.

16.2.6 Interface Groups and Transmission Parameters

Operator Services will utilize the same interface groups and transmission specifications as specified in 6.2.2(C), 6.2.3(C) and 6.2.4(C) preceding.

16.2.7 Ordering and Billing Options and Conditions

(A) Operator Transfer Service is ordered under the access order provisions as set forth in Section 5 preceding. Access Order Charges applicable for Switched Access will apply per Access Order - one per state - for the installation, addition, change, or rearrangement of Operator Transfer Service. In addition, other Access Order Charges (i.e., Service Date Change Charges, etc.) may apply.

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16. Operator Services (Cont'd)

16.2 Manner of Provisioning (Cont'd)

16.2.7 Ordering and Billing Options and Conditions (Cont'd)

- (B) Billing for all Operator Services will occur on a monthly basis as other billing is performed, but will be rendered on a statement detailing the flat-rated charges for the entire state applicable to that customer for the specified monthly period.

16.3 Liability of the Telephone Company

In addition to the liability statements as set forth in Section 2 preceding, the following also applies.

- (A) The Telephone Company's liability, if any, for its gross negligence or willful misconduct is not limited by this Tariff. With respect to any other claim or suit, by a customer or any others, for damages arising out of negligent mistakes, omissions, interruptions, delays or errors, defects in transmission, omission from or defects in the applicable list of customers or transfer to customers occurring in the course of furnishing service hereunder, the Telephone Company's liability, if any, shall not exceed an amount equivalent to the proportionate charge to the customer for the period of time during which such mistake, omission, interruptions, delays, errors, defects in transmission or service, omissions from or defects in the applicable list of customers or transfers to customers continues. However, any such mistakes, omissions, interruptions, delays, errors, or defects in transmission or service, omissions from or defects in the applicable list of customers or transfers to customers which are caused by or contributed to by the negligent omission or willful act of the customer provided facilities or equipment shall not result in the imposition of any liability whatsoever upon the Telephone Company. The Telephone Company expressly disclaims and express or implied warranty for the aforesaid service or offering including no warranty of merchantability or warranty of fitness for any particular purpose. It is expressly acknowledged for all subscribers to the aforesaid service that errors, mistakes and omissions can and will occur and that the Telephone Company neither warrants nor guarantees faultless or perfect service or transmission.

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16. Operator Services (Cont'd)

16.3 Liability of the Telephone Company (Cont'd)

- (B) The customer indemnifies and saves the Telephone Company harmless against claims for libel, slander, or infringement of copyright and trademark arising from the information transmitted over facilities furnished hereunder and against all other claims arising out of any act or omission of the customer in connection with facilities provided by the Telephone Company.
- (C) The customer indemnifies and saves the Telephone Company harmless against claims or suits for damages arising where the connection between the calling end user and a local emergency agency is in some way faulty or impaired, due in whole or in part to the negligent mistake or delay of the Telephone Company. Examples of this may include, but are not limited to, instances in which the Telephone Company, through negligent mistake or delay, may provide an incorrect local emergency agency number, delay in locating a local emergency agency number, or disconnect an in-progress call between a calling end user and a local emergency agency.

16.4 Obligations of the Customer

In addition to the general regulations as set forth in Section 2 preceding, the following also applies.

- (A) The customer shall provide the necessary on-hook, off-hook, answer supervision, and disconnect supervision at the customer's premises.
- (B) Jurisdictional reporting will apply as required in Sections 2.3.14(A) and 2.3.14(B) for determining the Percent Intrastate Usage.

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16. Operator Services (Cont'd)

16.5 Rate Regulations

16.5.1 Description and Application of Rates and Charges

(A) Operator Transfer Service

The Operator Transfer charge is a flat-rated charge applicable per call transferred to the subscribing customer.

In addition to the Operator Transfer charge, Switched Access rates apply as set forth in 6.8 preceding and Carrier Common Line (CCL) charges as set forth in 3.8 preceding apply for usage originating from all end offices served by the OSS Tandem.

Nonrecurring Switched Access charges are applicable as specified in 6.7 and 6.8 preceding.

(B) Reserved For Future Use [1]

(C)

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[1] Effective September 1, 2016, Operator Inward Assistance (OIA) Service was discontinued. (N)

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16. Operator Services (Cont'd)

16.5 Rate Regulations (Cont'd)

16.5.2 Rates and Charges

	<u>Recurring Rate</u>	
(A) <u>Operator Transfer</u> [1]		(T)
Per call transferred	\$0.30	
(B) <u>Reserved For Future Use</u> [2]		(C)
		(D)
		(D)

[1] In addition, Switched Access charges are applicable as detailed in 16.5.1 preceding. (T)

[2] Effective September 1, 2016, Operator Inward Assistance (OIA) Service was discontinued. (N)

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Overland Park, Kansas 66211

EFFECTIVE:  
April 30, 2007

Embarq Missouri, Inc.  
d/b/a Embarq

P.S.C. MO.-No. 26

Section 20  
Sixth Revised Page 686  
Cancels Fifth Revised Page 686

ACCESS SERVICE

Reserved For Future Use

ISSUED:  
March 30, 2007

Mark D. Harper  
Director - State Regulatory  
5454 W. 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
April 30, 2007



Embarq Missouri, Inc.  
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P.S.C. MO.-No. 26

Section 20  
Sixth Revised Page 687  
Cancels Fifth Revised Page 687

ACCESS SERVICE

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ISSUED:  
March 30, 2007

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EFFECTIVE:  
April 30, 2007

Embarq Missouri, Inc.  
d/b/a Embarq

P.S.C. MO.-No. 26

Section 20  
Sixth Revised Page 688  
Cancels Fifth Revised Page 688

ACCESS SERVICE

Reserved For Future Use

ISSUED:  
March 30, 2007

Mark D. Harper  
Director - State Regulatory  
5454 W. 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
April 30, 2007

Embarq Missouri, Inc.  
d/b/a Embarq

P.S.C. MO.-No. 26

Section 20  
~~Should be 5th Revised Page 689~~  
~~Sixth Revised Page 689~~  
~~Cancels Fifth Revised Page 689~~  
Cancels Fourth Revised Page 689

ACCESS SERVICE

Reserved For Future Use

ISSUED:  
March 30, 2007

Mark D. Harper  
Director - State Regulatory  
5454 W. 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
April 30, 2007

ACCESS SERVICE

STATEMENT OF SERVICE CLASSIFICATIONS

Presented in this section are the Service Classifications for Embarq Missouri, Inc. pursuant to Mo PSC Order of December 4, 2003 in Case No. IO-2003-0281. (T)

<u>Service</u>	<u>Competitive/Service Classification</u>	<u>Tariff Reference</u>
Carrier Common Line Access Service	Non-Competitive/Basic	3.8.
Ordering Options for Switched and Special Access Service	Non-Competitive/Non-Basic	5.2.2.
Switched Access Service	Non-Competitive/Basic-Non-Basic	6.8.2(A)
Local Transport - Call Miles	Non-Competitive/Basic	6.8.2(A)
Local Switching	Non-Competitive/Basic	6.8.3.
End office to Tandem Rearrangement Charge – NRC	Non-Competitive/Non-Basic	6.8.3(A)
TFC Access Service	Non-Competitive/Non-Basic	6.8.4.
900 Access Service	Non-Competitive/Non-Basic	6.8.5.
Interim 500 Access Service	Non-Competitive/Non-Basic	6.8.7.
Voice Grade Service	Non-Competitive/Non-Basic	7.5.3.
Digital Data Service	Non-Competitive/Non-Basic	7.5.8.
High Capacity Service	Non-Competitive/Non-Basic	7.5.9.
Special Access Surcharge	Non-Competitive/Non-Basic	7.5.12
WATS Access Line Service (WAL)	Non-Competitive/Non-Basic	7.5.13.
Special Access Term Discount Plan	Non-Competitive/Non-Basic	7.5.14.

ISSUED:  
March 30, 2007

Mark D. Harper  
Director – State Regulatory  
5454 W. 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
April 30, 2007

ACCESS SERVICE

STATEMENT OF SERVICE CLASSIFICATIONS

<u>Service</u>	<u>Competitive/Service Classification</u>	<u>Tariff Reference</u>
Additional Engineering	Non-Competitive/Non-Basic	13.1.1.
Additional Labor	Non-Competitive/Non-Basic	13.2.6.
Miscellaneous Services	Non-Competitive/Non-Basic	13.3.
Access Service Billing Information	Non-Competitive/Non-Basic	13.3.6(D)(1)
Telecommunications Service Priority (TSP) System	Non-Competitive/Non-Basic	13.3.9(B)
Common Channel Signaling/SS7	Statewide Competitive/Non-Basic	15.1.6.

ISSUED:  
March 30, 2007

Mark D. Harper  
Director – State Regulatory  
5454 W. 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
April 30, 2007

ACCESS SERVICE

(N)

22. VoIP-PSTN Rates and Charges

22.1 Switched Transport

(A) Entrance Facility

	<u>Monthly Rates</u>	<u>Nonrecurring Charge</u>
(1) Voice Grade		
- Per Point of Termination		
- Two Wire	\$50.00	\$200.00
- Four Wire	\$84.00	\$200.00

	<u>Monthly Rates</u>			<u>Nonrecurring Charge</u>
	<u>Within CO</u>	<u>0-3 Miles</u>	<u>Over 3 Miles</u>	
(2) DS1				
- Per DS1				
Zone 1	\$88.35	\$88.35	\$88.35	\$340.00
Zone 2	\$92.77	\$92.77	\$92.77	\$340.00
Zone 3	\$98.33	\$98.33	\$98.33	\$340.00
Zone 4	\$106.20	\$106.20	\$106.20	\$340.00

	<u>Monthly Rates</u>			<u>Nonrecurring Installation Charge</u>	<u>Nonrecurring Rearrangement Charge</u>
	<u>Within CO</u>	<u>0-3 Miles</u>	<u>Over 3 Miles</u>		
(3) DS3					
- Per DS3					
Zone 1	\$628.62	\$853.10	\$1,347.01	\$400.00	\$200.00
Zone 2	\$686.00	\$930.00	\$1,468.00	\$400.00	\$200.00
Zone 3	\$741.00	\$1,004.00	\$1,585.00	\$400.00	\$200.00
Zone 4	\$785.00	\$1,064.00	\$1,680.00	\$400.00	\$200.00

(N)

ISSUED:  
December 19, 2011

Gary L. Kepley  
Director – Regulatory Operations  
5454 W. 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
January 18, 2012

FILED  
Missouri Public  
Service Commission  
JI-2012-0279

ACCESS SERVICE

(N)

22. VoIP-PSTN Rates and Charges (Cont'd)

22.1 Switched Transport (Cont'd)

(B) Direct-Trunked Transport

		<u>Monthly Rates</u>	
		<u>Termination (Fixed)</u>	<u>Facility (Per Mile)</u>
(1)	Voice Grade		
-	Per Channel	\$24.00	\$0.30
(2)	DS1		
-	Per DS1		
	Zone 1	\$47.50	\$2.14
	Zone 2	\$49.88	\$2.24
	Zone 3	\$52.87	\$2.38
	Zone 4	\$57.10	\$2.57
(3)	DS3		
-	Per DS3		
	Zone 1	\$502.27	\$38.00
	Zone 2	\$547.00	\$41.00
	Zone 3	\$591.00	\$44.00
	Zone 4	\$626.00	\$47.00

(N)

ISSUED:  
December 19, 2011

Gary L. Kepley  
Director – Regulatory Operations  
5454 W. 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
January 18, 2012

FILED  
Missouri Public  
Service Commission  
JI-2012-0279

ACCESS SERVICE

22. VoIP-PSTN Rates and Charges (Cont'd)

22.1 Switched Transport (Cont'd)

(C) Tandem-Switched Transport

	<u>Rate Per Access Minute</u>			(T)
	<u>Originating Non-Toll Free *</u>	<u>Terminating 3rd Party</u>	<u>Terminating End Office</u>	
(1) Tandem-Switched Transmission Termination, per Access Minute				
Zone 1	\$0.000218	\$0.000218	\$0.000000	
Zone 2	\$0.000235	\$0.000235	\$0.000000	
Zone 3	\$0.000245	\$0.000245	\$0.000000	
Zone 4	\$0.000278	\$0.000278	\$0.000000	
Facility, per Access Minute per mile				
Zone 1	\$0.000020	\$0.000020	\$0.000000	
Zone 2	\$0.000021	\$0.000021	\$0.000000	
Zone 3	\$0.000023	\$0.000023	\$0.000000	
Zone 4	\$0.000025	\$0.000025	\$0.000000	
(2) Tandem Switching, per Access Minute				
Zone 1	\$0.000331	\$0.000331	\$0.000000	
Zone 2	\$0.000362	\$0.000362	\$0.000000	
Zone 3	\$0.000381	\$0.000381	\$0.000000	
Zone 4	\$0.000425	\$0.000425	\$0.000000	
(3) Common Transport Multiplexing, per Access Minute				
Zone 1	\$0.000218	\$0.000218	\$0.000000	
Zone 2	\$0.000235	\$0.000235	\$0.000000	
Zone 3	\$0.000254	\$0.000254	\$0.000000	
Zone 4	\$0.000277	\$0.000277	\$0.000000	
(4) 8YY Joint Tandem Switched Transport				(N)
	<u>Originating Toll Free *</u>			
All Zones	\$0.001			(N)

\* Effective July 1, 2021, pursuant to FCC 20-143, separate rate elements for Toll Free and Non-Toll Free Originating Transport services were established. The Toll Free originating combined rate element for transport services is displayed as 8YY Joint Tandem Switched Transport. (N)  
(N)  
(N)

ISSUED:  
May 14, 2021

Chantel Bosworth  
Director - Government Operations  
100 CenturyLink Dr.  
Monroe, LA 71203

EFFECTIVE:  
July 1, 2021

MO2021-06

FILED  
Missouri Public  
Service Commission  
JI-2021-0199



ACCESS SERVICE

22. VoIP-PSTN Rates and Charges (Cont'd)

22.1 Switched Transport (Cont'd)

(C) Tandem-Switched Transport (Cont'd)

	<u>Rate</u>	
(4) Reserved For Future Use		(T) (D)
(5) Dedicated Trunk Port		
	<u>Monthly Rate</u>	
(a) Per DS0	\$3.66	
(b) Per DS1	\$93.40	

(D) Chargeable Optional Feature

(1) Multiplexing	<u>Monthly Charge</u>	<u>Nonrecurring Charge</u>
(a) DS1 to Voice Grade:		
Zone 1	\$152.00	\$125.00
Zone 2	\$159.60	\$125.00
Zone 3	\$169.18	\$125.00
Zone 4	\$182.71	\$125.00
(b) DS3 to DS1:		
Zone 1	\$237.50	\$200.00
Zone 2	\$259.00	\$200.00
Zone 3	\$280.00	\$200.00
Zone 4	\$297.00	\$200.00

ISSUED:  
December 2, 2015

Gary L. Kepley  
Director – Regulatory Operations  
600 New Century Pkwy  
New Century, Kansas 66031

EFFECTIVE:  
January 1, 2016

FILED  
Missouri Public  
Service Commission  
JI-2016-0140

ACCESS SERVICE

22. VoIP-PSTN Rates and Charges (Cont'd)

22.2 End Office

(A) Local Switching

		<u>Rate Per Access Minute</u>		<u>Terminating</u>
		<u>Originating</u>	<u>Originating</u>	
		<u>Toll-Free</u>	<u>Non-Toll Free</u>	
(1)	LS1 and LS2	<b>\$0.000000(R)</b>	\$0.023617	\$0.000000
(1)	Common/Shared Trunk Port	<b>\$0.000000(R)</b>	\$0.000498	\$0.000000

(B) End Office to Tandem Rearrangement Charge (Note 2)

A nonrecurring charge as specified below will apply when a customer requests end office or tandem rearrangement of FGD trunks as set forth in 6.7.1(C)(3) preceding.

	<u>Nonrecurring</u>
	<u>Charge</u>
Per 24 Channels Converted or Fraction Thereof	\$23.45

(C) Dedicated Trunk Port (Note 1)

	<u>Monthly Rate</u>
(a) Per DS0	\$ 1.83
(b) Per DS1	\$46.70

Note 1: The End Office Dedicated Trunk Port rate was calculated based upon a 50/50 split between originating and terminating traffic using this flat-rated port. The FCC in their FCC 11-161 ICC Transformation order in section 51.907(d)(1) allowed Price Cap Carriers to use an equal split to divide the charge between originating and terminating elements. When the terminating portion of the rate is reduced and then combined with the originating portion of the rate, a single flat rate is generated for billing purposes. The Originating portion of the DS0 charge is \$1.83 and the Originating portion of the DS1 charge is \$46.70.

Note 2: This flat rated charge was calculated based upon a 50/50 split between originating and terminating. The FCC in their FCC 11-161 ICC Transformation Order in Section 51.907(d)(1) allowed Price Cap Carriers to use an equal split to divide the charge between originating and terminating elements. When the terminating portion of the rate is reduced and then combined with the originating portion of the rate, a single flat rate is generated for billing purposes.

ISSUED:  
May 25, 2023

Chantel Miller  
Director - Government Operations  
1120 S Tryon St., Ste. 700  
Charlotte, NC 28203

EFFECTIVE:  
July 1, 2023