

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Transmission Specifications

Each Switched Access Service transmission path is provided with standard transmission specifications. There are three different standard specifications (Types A, B and C). The standard for a particular transmission path is dependent on the Feature Group, the Interface Group and whether the service is directly routed or via an access tandem. The available transmission specifications are set forth in 6.4.1 following Data Transmission Parameters are also provided with each Switched Access Service transmission path. The Telephone Company will, upon notification by the customer that the data parameters set forth in 6.4.2(A) or 6.4.2(B) are not being met, conduct tests independently or in cooperation with the customer, and take any necessary action to insure that the data parameters are met.

The Telephone Company will maintain existing transmission specifications on functioning service configurations installed prior to the effective date of this tariff except that service configurations having performance specifications exceeding the standards listed in this provision will be maintained at the performance levels specified in this tariff.

The transmission specifications contained in this Section are immediate action limits. Acceptance limits are set forth in Technical Reference Publication GR-3334. This Technical Reference also provides the basis for determining Switched Access Service maintenance limits.

6.4.1 Standard Transmission Specifications

Following are descriptions of the three Standard Transmission Specifications available with Switched Access Service Feature Groups and the two Standard Transmission Specifications for WATS Access Lines. The Specific applications in terms of the Feature Groups and Interface Groups with which Feature Group Standard Transmissions Specifications are provided are set forth in 6.2.1(C), 6.2.2(C), 6.2.3(C) and 6.2.4(C), preceding.

ISSUED:  
March 30, 2007

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

EFFECTIVE:  
April 30, 2007

CANCELLED - Missouri Public Service Commission - 07/14/2023 - IN-2023-0447 - YI-2024-0001

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6. Switched Access Service (Cont'd)

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6.4 Transmission Specifications

Each Switched Access Service transmission path is provided with standard transmission specifications. There are three different standard specifications (Types A, B and C). The standard for a particular transmission path is dependent on the Feature Group, the Interface Group and whether the service is directly routed or via an access tandem. The available transmission specifications are set forth in 6.4.1 following Data Transmission Parameters are also provided with each Switched Access Service transmission path. The Telephone Company will, upon notification by the customer that the data parameters set forth in 6.4.2(A) or 6.4.2(B) are not being met, conduct tests independently or in cooperation with the customer, and take any necessary action to insure that the data parameters are met.

The Telephone Company will maintain existing transmission specifications on functioning service configurations installed prior to the effective date of this tariff except that service configurations having performance specifications exceeding the standards listed in this provision will be maintained at the performance levels specified in this tariff.

The transmission specifications contained in this Section are immediate action limits. Acceptance limits are set forth in Technical Reference **Publication GR-3334**. This Technical Reference also provides the basis for determining Switched Access Service maintenance limits.

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6.4.1 Standard Transmission Specifications

Following are descriptions of the three Standard Transmission Specifications available with Switched Access Service Feature Groups and the two Standard Transmission Specifications for WATS Access Lines. The Specific applications in terms of the Feature Groups and Interface Groups with which Feature Group Standard Transmissions Specifications are provided are set forth in 6.2.1(C), 6.2.2(C), 6.2.3(C) and 6.2.4(C), preceding.

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FILED FEB 15 2002

Service Commission

ISSUED:  
January 15, 2002

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

EFFECTIVE:  
February 15, 2002

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April 30, 2007  
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6. Switched Access Service (Cont'd)

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6.4 Transmission Specifications

Each Switched Access Service transmission path is provided with standard transmission specifications. There are three different standard specifications (Types A, B and C). The standard for a particular transmission path is dependent on the Feature Group, the Interface Group and whether the service is directly routed or via an access tandem. The available transmission specifications are set forth in 6.4.1 following Data Transmission Parameters are also provided with each Switched Access Service transmission path. The Telephone Company will, upon notification by the customer that the data parameters set forth in 6.4.2(A) or 6.4.2(B) are not being met, conduct tests independently or in cooperation with the customer, and take any necessary action to insure that the data parameters are met.

The Telephone Company will maintain existing transmission specifications on functioning service configurations installed prior to the effective date of this tariff except that service configurations having performance specifications exceeding the standards listed in this provision will be maintained at the performance levels specified in this tariff.

The transmission specifications contained in this Section are immediate action limits. Acceptance limits are set forth in Technical Reference TR-NPL-000334. This Technical Reference also provides the basis for determining Switched Access Service maintenance limits.

6.4.1 Standard Transmission Specifications

Following are descriptions of the three Standard Transmission Specifications available with Switched Access Service Feature Groups and the two Standard Transmission Specifications for WATS Access Lines. The Specific applications in terms of the Feature Groups and Interface Groups with which Feature Group Standard Transmissions Specifications are provided are set forth in 6.2.1(C), 6.2.2(C), 6.2.3(C) and 6.2.4(C), preceding.

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Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

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6. Switched Access Service (Cont'd)

6.4 Transmission Specifications (Cont'd)

6.4.1 Standard Transmission Specifications (Cont'd)

(A) Type A Transmission Specifications

Type A Transmission Specifications is provided with the following parameters:

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is  $\pm 2.0$  dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to the loss at 1004 Hz is - 1.0 dB to + 3.0 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

<u>Route Miles</u>	<u>C-Message Noise</u>
less than 50	32 dBrnCO
51 to 100	34 dBrnCO
101 to 200	37 dBrnCO
201 to 400	40 dBrnCO
401 to 1000	42 dBrnCO

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBmO holding tone, is less than or equal to 45 dBrnCO.

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6.4 Transmission Specifications (Cont'd)

6.4.1 Standard Transmission Specifications (Cont'd)

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(A) Type A Transmission Specifications

Type A Transmission Specifications is provided with the following parameters:

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is  $\pm 2.0$  dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to the loss at 1004 Hz is -1.0 dB to + 3.0 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

<u>Route Miles</u>	<u>C-Message Noise</u>
less than 50	32 dBrnCO
51 to 100	34 dBrnCO
101 to 200	37 dBrnCO
201 to 400	40 dBrnCO
401 to 1000	42 dBrnCO

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBmO holding tone, is less than or equal to 45 dBrnCO.

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6. Switched Access Service (Cont'd)

6.4 Transmission Specifications (Cont'd)

6.4.1 Standard Transmission Specifications (Cont'd)

(A) Type A Transmission Specifications (Cont'd)

(5) Echo Control

Echo Control, identified as Equal Level Echo Path Loss, and expressed as Echo Return Loss and Singing Return Loss, is dependent on the routing, i.e., whether the service is routed directly from the customer's point of termination (POT) to the end office or via an access tandem. It is equal to or greater than the following:

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
POT to Access Tandem	21 dB	14 dB
POT to End Office		
- Direct	N/A	N/A
- Via Access Tandem	16 dB	11 dB

(B) Type B Transmission Specifications

Type B Transmission Specifications are provided with the following parameters:

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6. Switched Access Service (Cont'd)

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6.4 Transmission Specifications (Cont'd)

6.4.1 Standard Transmission Specifications (Cont'd) Missouri Commission

(A) Type A Transmission Specifications (Cont'd)

(5) Echo Control

Echo Control, identified as Equal Level Echo Path Loss, and expressed as Echo Return Loss and Singing Return Loss, is dependent on the routing, i.e., whether the service is routed directly from the customer's point of termination (POT) to the end office or via an access tandem. It is equal to or greater than the following:

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
POT to Access Tandem	21 dB	14 dB
POT to End Office		
- Direct	N/A	N/A
- Via Access Tandem	16 dB	11 dB

(B) Type B Transmission Specifications

Type B Transmission Specifications are provided with the following parameters:

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6. Switched Access Service (Cont'd)

6.4 Transmission Specifications (Cont'd)

6.4.1 Standard Transmission Specifications (Cont'd)

(B) Type B Transmission Specifications (Cont'd)

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is  $\pm 2.5$  dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +4.0 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

<u>Route Miles</u>	<u>C-Message Noise*</u>	
	<u>Type B1</u>	<u>Type B2</u>
less than 50	32 dBrnCO	35 dBrnCO
51 to 100	33 dBrnCO	37 dBrnCO
101 to 200	35 dBrnCO	40 dBrnCO
201 to 400	37 dBrnCO	43 dBrnCO
401 to 1000	39 dBrnCO	45 dBrnCO

\* For Feature Groups C and D only Type B2 will be provided. For Feature Groups A and B, Type B1 or B2 will be provided as set forth in Technical Reference Publication GR-3334.

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

EFFECTIVE:  
April 30, 2007

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6.4 Transmission Specifications (Cont'd)

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6.4.1 Standard Transmission Specifications (Cont'd)

(B) Type B Transmission Specifications (Cont'd)

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is  $\pm 2.5$  dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +4.0 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

<u>Route Miles</u>	<u>C-Message Noise*</u>	
	<u>Type B1</u>	<u>Type B2</u>
less than 50	32 dBrnCO	35 dBrnCO
51 to 100	33 dBrnCO	37 dBrnCO
101 to 200	35 dBrnCO	40 dBrnCO
201 to 400	37 dBrnCO	43 dBrnCO
401 to 1000	39 dBrnCO	45 dBrnCO

\* For Feature Groups C and D only Type B2 will be provided. For Feature Groups A and B, Type B1 or B2 will be provided as set forth in Technical Reference **Publication GR-3334**.

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January 15, 2002

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

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February 15, 2002

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6.4 Transmission Specifications (Cont'd)

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6.4.1 Standard Transmission Specifications (Cont'd) **Public Service Commission**

(B) Type B Transmission Specifications (Cont'd)

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is  $\pm 2.5$  dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +4.0 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

<u>Route Miles</u>	<u>C-Message Noise*</u>	
	<u>Type B1</u>	<u>Type B2</u>
less than 50	32 dBrnCO	35 dBrnCO
51 to 100	33 dBrnCO	37 dBrnCO
101 to 200	35 dBrnCO	40 dBrnCO
201 to 400	37 dBrnCO	43 dBrnCO
401 to 1000	39 dBrnCO	45 dBrnCO

\* For Feature Groups C and D only Type B2 will be provided. For Feature Groups A and B, Type B1 or B2 will be provided as set forth in Technical Reference PUB 62500.

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5454 West 110th Street  
Overland Park, Kansas 66211

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6. Switched Access Service (Cont'd)

6.4 Transmission Specifications (Cont'd)

6.4.1 Standard Transmission Specifications (Cont'd)

(B) Type B Transmission Specifications (Cont'd)

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBm0 holding tone is less than or equal to 47 dBmCO.

(5) Echo Control

Echo Control, identified as Impedance Balance for FGA and FGB and Equal Level Echo Path Loss for FGC and FGD, and expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), is dependent on the routing, i.e., whether the service is routed directly from the customer's point of termination (POT) to the end office or via an access tandem. The ERL and SRL also differ by Feature Group, type of termination, and type of transmission path. They are greater than or equal to the following:

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
POT to Access Tandem		
- Terminated in 4-Wire trunk	21 dB	14 dB
- Terminated in 2-Wire trunk	16 dB	11 dB
POT to End Office		
- Direct	16 dB	11 dB

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

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6.4 Transmission Specifications (Cont'd)

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6.4.1 Standard Transmission Specifications (Cont'd)

(B) Type B Transmission Specifications (Cont'd)

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBm0 holding tone is less than or equal to 47 dBrnC0.

(5) Echo Control

Echo Control, identified as Impedance Balance for FGA and FGB and Equal Level Echo Path Loss for FGC and FGD, and expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), is dependent on the routing, i.e., whether the service is routed directly from the customer's point of termination (POT) to the end office or via an access tandem. The ERL and SRL also differ by Feature Group, type of termination, and type of transmission path. They are greater than or equal to the following:

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
POT to Access Tandem		
- Terminated in 4-Wire trunk	21 dB	14 dB
- Terminated in 2-Wire trunk	16 dB	11 dB
POT to End Office		
- Direct	16 dB	11 dB

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Vice President - Administration  
5454 West 110th Street  
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6.4 Transmission Specifications (Cont'd)

6.4.1 Standard Transmission Specifications (Cont'd)

(B) Type B Transmission Specifications (Cont'd)

(5) Echo Control (Cont'd)

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
- Via Access Tandem		
• For FGB access	8 dB	4 dB
• For FGC access (Effective 4- Wire trans- mission path at end office)	16 dB	11 dB
• For FGC access (Effective 2- Wire trans- mission path at end office)	13 dB	6 dB

(C) Type C Transmission Specifications

Type C Transmission Specifications are provided with the following parameters:

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Director - State Regulatory  
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6.4 Transmission Specifications (Cont'd)

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6.4.1 Standard Transmission Specifications (Cont'd)

(B) Type B Transmission Specifications (Cont'd)

(5) Echo Control (Cont'd)

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
- Via Access Tandem		
• For FGB access	8 dB	4 dB
• For FGC access (Effective 4- Wire trans- mission path at end office)	16 dB	11 dB
• For FGC access (Effective 2- Wire trans- mission path at end office)	13 dB	6 dB

(C) Type C Transmission Specifications

Type C Transmission Specifications are provided with the following parameters:

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Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
~~October 17, 1992~~  
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6. Switched Access Service (Cont'd)

6.4 Transmission Specifications (Cont'd)

6.4.1 Standard Transmission Specifications (Cont'd)

(C) Type C Transmission Specifications (Cont'd)

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is ± 3.0 dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +5.5 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

<u>Route Miles</u>	<u>C-Message Noise*</u>	
	<u>Type C1</u>	<u>Type C2</u>
less than 50	32 dBrnCO	38 dBrnCO
51 to 100	33 dBrnCO	39 dBrnCO
101 to 200	35 dBrnCO	41 dBrnCO
201 to 400	37 dBrnCO	43 dBrnCO
401 to 1000	39 dBrnCO	45 dBrnCO

\* For Feature Groups C and D only Type C2 will be provided. For Feature Groups A and B, Type C1 or C2 will be provided as set forth in Technical Reference Publication GR-3334.

ISSUED:  
March 30, 2007

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

EFFECTIVE:  
April 30, 2007

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6.4 Transmission Specifications (Cont'd)

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6.4.1 Standard Transmission Specifications (Cont'd)

(C) Type C Transmission Specifications (Cont'd)

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is  $\pm 3.0$  dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +5.5 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

<u>Route Miles</u>	<u>C-Message Noise*</u>	
	<u>Type C1</u>	<u>Type C2</u>
less than 50	32 dBrnCO	38 dBrnCO
51 to 100	33 dBrnCO	39 dBrnCO
101 to 200	35 dBrnCO	41 dBrnCO
201 to 400	37 dBrnCO	43 dBrnCO
401 to 1000	39 dBrnCO	45 dBrnCO

\* For Feature Groups C and D only Type C2 will be provided. For Feature Groups A and B, Type C1 or C2 will be provided as set forth in Technical Reference **Publication GR-3334**.

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ISSUED:  
January 15, 2002

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

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February 15, 2002

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6.4 Transmission Specifications (Cont'd)

6.4.1 Standard Transmission Specifications (Cont'd)

(C) Type C Transmission Specifications (Cont'd)

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is  $\pm 3.0$  dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +5.5 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

<u>Route Miles</u>	<u>C-Message Noise*</u>	
	<u>Type C1</u>	<u>Type C2</u>
less than 50	32 dBrnCO	38 dBrnCO
51 to 100	33 dBrnCO	39 dBrnCO
101 to 200	35 dBrnCO	41 dBrnCO
201 to 400	37 dBrnCO	43 dBrnCO
401 to 1000	39 dBrnCO	45 dBrnCO

\* For Feature Groups C and D only Type C2 will be provided. For Feature Groups A and B, Type C1 or C2 will be provided as set forth in Technical Reference TR-NPL-000334.

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6. Switched Access Service (Cont'd)

6.4 Transmission Specifications (Cont'd)

6.4.1 Standard Transmission Specifications (Cont'd)

(C) Type C Transmission Specifications (Cont'd)

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBm0 holding tone is less than or equal to 47 dBmCO.

(5) Echo Control

Echo Control, identified as Return Loss and expressed as Echo Return Loss and Singing Return Loss is equal to or greater than the following:

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
POT to End Office		
- Direct	13 dB	6 dB

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6.4 Transmission Specifications (Cont'd)

6.4.1 Standard Transmission Specifications (Cont'd)

(C) Type C Transmission Specifications (Cont'd)

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBm0 holding tone is less than or equal to 47 dBrnC0.

(5) Echo Control

Echo Control, identified as Return Loss and expressed as Echo Return Loss and Singing Return Loss is equal to or greater than the following:

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
POT to End Office - Direct	13 dB	6 dB

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6.4 Transmission Specifications (Cont'd)

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6.4.2 Data Transmission Parameters

Two types of Data Transmission Parameters, i.e., Type DA and Type DB, are provided for the Feature Group arrangements. The specific applications in terms of the Feature Groups with which they are provided are set forth in 6.2.1(C), 6.2.2(C), 6.2.3(C) and 6.2.4(C) preceding. Following are descriptions of each.

(A) Data Transmission Parameters Type DA

(1) Signal to C-Notched Noise Ratio

The Signal to C-Notched Noise Ratio is equal to or greater than 33 dB.

(2) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

604 to 2804 Hz

less than 50 route miles	500 microseconds
equal to or greater than 50 route miles	900 microseconds

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ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

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NOV 7 1992

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Transmission Specifications (Cont'd)

6.4.2 Data Transmission Parameters (Cont'd)

(A) Envelope Delay Distortion (Cont'd)

(2) Data Transmission Parameters Type DA (Cont'd)

1004 to 2404 Hz

less than 50 route miles	200 microseconds
equal to or greater than 50 route miles	400 microseconds

(3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 65 dBnCO threshold in 15 minutes is no more than 15 counts.

(4) Intermodulation Distortion

The Second Order (R2) and Third Order (R3) Intermodulation Distortion products are equal to or greater than:

Second Order (R2)	33 dB
Third Order (R3)	37 dB

(5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 5° peak-to-peak.

(6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

ISSUED:  
March 30, 2007

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

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April 30, 2007

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6. Switched Access Service (Cont'd)

6.4 Transmission Specifications (Cont'd)

6.4.2 Data Transmission Parameters (Cont'd)

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(A) Envelope Delay Distortion (Cont'd)

(2) Data Transmission Parameters Type DA (Cont'd)

1004 to 2404 Hz

less than 50 route miles	200 microseconds
equal to or greater than 50 route miles	400 microseconds

(3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 65 dBrnC0 threshold in 15 minutes is no more than 15 counts.

(4) Intermodulation Distortion

The Second Order (R2) and Third Order (R3) Intermodulation Distortion products are equal to or greater than:

Second Order (R2)	33 dB
Third Order (R3)	37 dB

(5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 5° peak-to-peak.

(6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

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September 17, 1992

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Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Transmission Specifications (Cont'd)

6.4.2 Data Transmission Parameters (Cont'd)

(B) Data Transmission Parameters Type DB (Cont'd)

(1) Signal to C-Notched Noise Ratio

The signal to C-Notched Noise Ratio is equal to or greater than 30 dB.

(2) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

604 to 2804 Hz

less than 50 route miles	800 microseconds
equal to or greater than 50 route miles	1000 microseconds

1004 to 2404 Hz

less than 50 route miles	320 microseconds
equal to or greater than 50 route miles	500 microseconds

(3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 67 dB<sub>rnCO</sub> threshold in 15 minutes is no more than 15 counts.

(4) Intermodulation Distortion

The Second Order (R2) and Third Order (R3) Intermodulation Distortion products are equal to or greater than:

Second Order (R2)	31 dB
Third Order (R3)	34 dB

ISSUED:  
March 30, 2007

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

EFFECTIVE:  
April 30, 2007

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6. Switched Access Service (Cont'd)

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6.4 Transmission Specifications (Cont'd)

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6.4.2 Data Transmission Parameters (Cont'd)

(B) Data Transmission Parameters Type DB (Cont'd)

(1) Signal to C-Notched Noise Ratio

The signal to C-Notched Noise Ratio is equal to or greater than 30 dB.

(2) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

604 to 2804 Hz

less than 50 route miles	800 microseconds
equal to or greater than 50 route miles	1000 microseconds

1004 to 2404 Hz

less than 50 route miles	320 microseconds
equal to or greater than 50 route miles	500 microseconds

(3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 67 dB<sub>rnc</sub> threshold in 15 minutes is no more than 15 counts.

(4) Intermodulation Distortion

The Second Order (R2) and Third Order (R3) Intermodulation Distortion products are equal to or greater than:

Second Order (R2)	31 dB
Third Order (R3)	34 dB

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Vice President - Administration  
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6. Switched Access Service (Cont'd)

6.4 Transmission Specifications (Cont'd)

6.4.2 Data Transmission Parameters (Cont'd)

(B) Data Transmission Parameters Type DB (Cont'd)

(5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 7° peak-to-peak.

(6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

ISSUED:  
March 30, 2007

Mark D. Harper  
Director - State Regulatory  
5454 W. 110th Street  
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EFFECTIVE:  
April 30, 2007

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6. Switched Access Service (Cont'd)

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6.4 Transmission Specifications (Cont'd)

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6.4.2 Data Transmission Parameters (Cont'd)

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(B) Data Transmission Parameters Type DB (Cont'd)

(5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 7° peak-to-peak.

(6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

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September 17, 1992

BY: John L. Roe  
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5454 West 110th Street  
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~~September 17, 1992~~  
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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Transmission Specifications (Cont'd)

6.4.3 Interface Groups

Four interface groups are provided for terminating an Entrance Facility at the customer's premises. Interface groups define the transmission characteristics associated with the Entrance Facility and all transport facilities with which it is interconnected.

Network Channel (NC) codes, feature group and technical specifications provide the available supervisory signaling options. The combination of the interface group and supervisory signaling ordered will identify the appropriate premises interface code (network channel interface code). Feature group and technical specifications are set forth in Technical Reference Publication GR-3334.

Depending upon the interface group chosen by the customer, multiplexing arrangements may also be required. When the customer requests interconnection of an Entrance Facility to a Direct-Trunked Transport or Tandem-Switched Transport, and the interconnecting facilities use connections with different capacities or bandwidths, multiplexing arrangements are required to provide the interconnection. A multiplexing arrangement is also required to interconnect certain facilities with specific switch types. Multiplexing is available as set forth in 6.1.3(B)(4)(d) preceding.

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(M) This material previously appeared on Page 151.

ISSUED:  
May 1, 2012

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

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EFFECTIVE:  
July 3, 2012

TT-2012-0317, YI-2012-0635

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Transmission Specifications (Cont'd)

6.4.3 Interface Groups (Cont'd)

As a result of the customer's access order and the type of Telephone Company transport facilities serving the customer's premises, the need for signaling conversions or two-wire to four-wire conversions, or the need to terminate digital or high frequency facilities in channel bank equipment may require that Telephone Company equipment be placed at the customer's premises. For example, if a voice frequency interface is ordered by the customer and the Telephone Company facilities serving the customer's premises are digital, then Telephone Company channel bank equipment must be placed at the customer's premises in order to provide the voice frequency interface ordered by the customer.

Interface Group 1 is provided with Type C Transmission Specifications, and Interface Groups 2, 6 and 9 are provided with Type A or B Transmission Specifications, depending on the Feature Group and whether the Access Service is routed directly or through an access tandem. All interface Groups are provided with Data Transmission Parameters.

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(M) This material previously appeared on Page 151

ISSUED:  
May 1, 2012

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

EFFECTIVE:  
July 3, 2012

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TT-2012-0317, YI-2012-0635

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Transmission Specifications (Cont'd)

6.4.3 Interface Groups (Cont'd)

Only certain premises interfaces are available at the customer's premises. The premises interfaces associated with the Interface Groups may vary among Feature Groups. The various premises interfaces which are available with the Interface Groups, and the Feature Groups with which they may be used, are set forth in 6.4.3(E) following.

(A) Interface Group 1

Interface Group 1, except as set forth in the following, provides two-wire analog voice frequency transmission at the point of termination at the customer's premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

Interface Group 1 is not provided in association with FGC and FGD when the first point of switching is an access tandem. In addition, Interface Group 1 is not provided in association with FGB, FGC or FGD when the first point of switching provides only four-wire terminations.

The transmission path between the point of termination at the customer's premises and the first point of switching may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.

The interface is provided with loop supervisory signaling. When the interface is associated with FGA, such signaling will be loop start or ground start signaling. When the interface is associated with FGB, FGC or FGD, such signaling, except for two-way calling, which is E&M signaling, will be reverse battery signaling.

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(M) This material previously appeared on Pages 152 and 153.

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May 1, 2012

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

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Missouri Public  
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TT-2012-0317, YI-2012-0635

EFFECTIVE:  
July 3, 2012

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Transmission Specifications (Cont'd)

6.4.3 Interface Groups (Cont'd)

(B) Interface Group 2

Interface Group 2 provides four-wire analog voice frequency transmission at the point of termination at the customer's premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

The transmission path between point of termination at the customer's premises and the first point of switching may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

The interface is provided with loop supervisory signaling. When the interface is associated with FGA, such signaling will be loop start or ground start signaling. When the interface is associated with FGB, FGC or FGD, such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling.

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(M) This material previously appeared on Page 153 and 154.

ISSUED:  
May 1, 2012

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

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Missouri Public  
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TT-2012-0317, YI-2012-0635

EFFECTIVE:  
July 3, 2012

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Transmission Specifications (Cont'd)

6.4.3 Interface Groups (Cont'd)

(C) Interface Group 6

Interface Group 6 provides DS1 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to twenty-four voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive 24 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, a DS1 signal in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

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(M) This material previously appeared on Page 156

ISSUED:  
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Director - Regulatory Operations  
5454 W. 110th Street  
Overland Park, Kansas 66211

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EFFECTIVE:  
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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Transmission Specifications (Cont'd)

6.4.3 Interface Groups (Cont'd)

(D) Interface Group 9

Interface Group 9 provides DS3 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 44.736 Mbps, with the capability to channelize up to 672 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 672 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching, or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

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(M) This material previously appeared on Page 158 and 159.

ISSUED:  
May 1, 2012

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Director - Regulatory Operations  
5454 W. 110th Street  
Overland Park, Kansas 66211

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Service Commission  
TT-2012-0317, YI-2012-0635

EFFECTIVE:  
July 3, 2012



ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Transmission Specifications (Cont'd)

6.4.3 Interface Groups (Cont'd)

(E) Available Premises Interface Codes

Following is a matrix showing, for each Interface Group, which premises interface codes are available as a function of the Telephone Company switch supervisory signaling and Feature Group. Each premises interface is identified by a specific premises interface code. Voice trunks are available with Interface Groups 1, 2, 6 and 9. Signaling links are available with Interface Groups 6 and 9. For explanations of these codes, see the Glossary of Channel Interface Codes in 7.3.1 following.

<u>Interface Group</u>	<u>Telephone Company Switch Supervisory Signaling</u>	<u>Premises Interface Code</u>	<u>Feature Group</u>			
			<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>
1	LO	2LS2	X			
	LO	2LS3	X			
	GO	2GS2	X			
	GO	2GS3	X			
	RV, EA, EB, EC	2DX3		X	X	X
	RV, EA, EB, EC	4EA2-E		X	X	X
	RV, EA, EB, EC	4EA3-E		X	X	X
	RV, EA, EB, EC	4EA2-M		X	X	X
	RV, EA, EB, EC	4EA3-M		X	X	X
	RV, EA, EB, EC	6EB2-E		X	X	X
	RV, EA, EB, EC	6EB3-E		X	X	X
	RV, EA, EB, EC	6EB2-M		X	X	X
	RV, EA, EB, EC	6EB3-M		X	X	X
	EA, EB, EC	6EC2			X	X
	EA, EB, EC	6EC3			X	X
	RV	2RV3-O		X	X	X
	RV	2RV3-T		X	X	X
	CCS	2NO2				X

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(M)

(M) This material previously appeared on Page 160.

ISSUED:  
May 1, 2012

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

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EFFECTIVE:  
July 3, 2012

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Transmission Specifications (Cont'd)

6.4.3 Interface Groups (Cont'd)

(E) Available Premises Interface Codes (Cont'd)

<u>Interface Group</u>	<u>Telephone Company Switch Supervisory Signaling</u>	<u>Premises Interface Code</u>	<u>Feature Group</u>			
			<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>
2	LO, GO	4SF2	X			
	LO	4LS2	X			
	GO	4GS2	X			
	LO, GO	6EX2-B	X			
	RV, EA, EB, EC	4SF2		X	X	X
	RV, EA, EB, EC	4DX2		X	X	X
	RV, EA, EB, EC	6DX2			X	
	RV, EA, EB, EC	6EA2-E		X	X	X
	RV, EA, EB, EC	6EA2-M		X	X	X
	RV, EA, EB, EC	8EB2-E		X	X	X
	EA, EB, EC	8EC2-M			X	X
	RV	4RV2-O		X	X	X
	RV	4RV2-T		X	X	X
	CCS	4NO2				X

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(M)

(M) This material previously appeared on Page 161.

ISSUED:  
May 1, 2012

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

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**Service Commission**  
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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Transmission Specifications (Cont'd)

6.4.3 Interface Groups (Cont'd)

(E) Available Premises Interface Codes (Cont'd)

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface Code	Feature Group			
			A	B	C	D
6	LO, GO	4DS9-15	X			
	LO, GO	4DS9-15L	X			
	RV, EA, EB, EC	4DS9-15		X	X	X
	RV, EA, EB, EC	4DS9-15L		X	X	X
	CCS	4DS9-15				X
	CCS	4DS9-1SN				X
	CCS	4DS9-1BN				X
	CCS	4DS9-1SB				X
9	LO, GO	4DS6-44	X			
	LO, GO	4DS6-44L	X			
	RV, EA, EB, EC	4DS6-44		X	X	X
	RV, EA, EB, EC	4DS6-44L		X	X	X
	CCS	4DS6-44				X

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(M)

(M) This material previously appeared on Page 162.

ISSUED:  
May 1, 2012

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

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EFFECTIVE:  
July 3, 2012

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6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company

In addition to the obligations of the Telephone Company set forth in 2. preceding, the Telephone Company has certain other obligations pertaining only to the provision of Switched Access Service. These obligations are as follows:

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ISSUED:  
March 30, 2007

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

EFFECTIVE:  
April 30, 2007

SPRINT MISSOURI, INC.  
d/b/a Sprint

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6. Switched Access Service (Cont'd)

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6.5 Obligations of the Telephone Company

In addition to the obligations of the Telephone Company set forth in 2. preceding, the Telephone Company has certain other obligations pertaining only to the provision of Switched Access Service. These obligations are as follows:

ISSUED:  
November 29, 2000

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

EFFECTIVE:  
December 29, 2000

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Service Commission**

**Cancelled**

April 30, 2007  
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FILED DEC 29 2000

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6. Switched Access Service (Cont'd)

6.4 Transmission Specifications (Cont'd)

6.4.2 Reserved for Future Use

6.5 Obligations of the Telephone Company

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In addition to the obligations of the Telephone Company set forth in 2. preceding, the Telephone Company has certain other obligations pertaining only to the provision of Switched Access Service. These obligations are as follows:

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DEC 29 2000  
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Public Service Commission  
MISSOURI

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NOV 7 1992

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ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
~~September 17, 1992~~  
NOV 7 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.1 Network Management

The Telephone Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Telephone Company's network services. Generally, service levels are considered acceptable only when both end users and customers are able to establish connections with little or no delay encountered within the Telephone Company network. The Telephone Company maintains the right to apply protective controls, i.e., those actions, such as call gapping, which selectively cancel the completion of traffic, over any traffic carried over its network, including that associated with a customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Telephone Company or customer facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer, the customer will be granted a Credit Allowance for Service Interruption as set forth in 2.4.4(B)(3) preceding.

ISSUED:  
March 30, 2007

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

EFFECTIVE:  
April 30, 2007

CANCELLED - Missouri Public Service Commission - 07/14/2023 - IN-2023-0447 - YI-2024-0001

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d/b/a SPRINT

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6. Switched Access Service (Cont'd)

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6.5 Obligations of the Telephone Company (Cont'd)

6.5.1 Network Management

The Telephone Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Telephone Company's network services. Generally, service levels are considered acceptable only when both end users and customers are able to establish connections with little or no delay encountered within the Telephone Company network. The Telephone Company maintains the right to apply protective controls, i.e., those actions, such as call gapping, which selectively cancel the completion of traffic, over any traffic carried over its network, including that associated with a customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Telephone Company or customer facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer, the customer will be granted a Credit Allowance for Service Interruption as set forth in 2.4.4(B)(3) preceding.

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(D)

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FILED FEB 07 2002

Service Commission

ISSUED:  
January 7, 2002

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

EFFECTIVE:  
February 7, 2002

Cancelled

April 30, 2007  
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6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

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6.5.1 Network Management

The Telephone Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Telephone Company's network services. Generally, service levels are considered acceptable only when both end users and customers are able to establish connections with little or no delay encountered within the Telephone Company network. The Telephone Company maintains the right to apply protective controls, i.e., those actions, such as call gapping, which selectively cancel the completion of traffic, over any traffic carried over its network, including that associated with a customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Telephone Company or customer facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer, the customer will be granted a Credit Allowance for Service Interruption as set forth in 2.4.4(B)(3) preceding.

6.5.2 Design and Traffic Routing of Switched Access Service

For Feature Group C and Feature Group D when ordered in busy hour minutes of capacity, the Telephone Company shall design and determine the routing of Switched Access Service, including the selection of the first point of switching and the selection of facilities from the interface to any switching point and to the end offices where busy hour minutes of capacity are ordered. The Telephone Company shall also decide if capacity is to be provided by originating only, terminating only, or

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FEB 07 2002  
157RP230  
Public Service Commission  
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FILED

NOV 7 1992

MO. PUBLIC SERVICE COMMISSION

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
~~October 27, 1992~~  
NOV 7 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.2 Design and Traffic Routing of Switched Access (Z)

Except for Feature Group B, the Telephone Company will also decide whether trunk side access will be provided through the use of two-wire or four-wire trunk terminating equipment. (C)

Selection of facilities and equipment and traffic routing of the service are based on standard engineering methods, available facilities and equipment, and the Telephone Company traffic routing plans. If the customer desires routing or directionality different from that determined by the Telephone Company, the Telephone Company will work cooperatively with the customer in determining (1) whether the service is to be routed directly to an end office or through an access tandem switch and (2) the directionality of the service. Additionally, for Feature Group B the customer may order the optional feature Customer Specification of Switched Transport Termination. (C)

In the event a Customer converts from FGA service to FGB service, the Telephone Company will (where the capability exists) route calls from the FGA circuits to the FGB circuits for a one-year period from the date FGA service is terminated. No additional charge will apply for this call-forwarding function. (N)

6.5.3 Provision of Service Performance Data (N)

Subject to availability, end-to-end service performance data available to the Telephone Company through its own service evaluation routines, may also be made available to the customer based on previously arranged intervals and format. These data provide information on overall end-to-end call completion and non-completion performance, e.g., customer equipment blockage,

CANCELLED - Missouri Public Service Commission - 07/14/2023 - IN-2023-0447 - YI-2024-0001

ISSUED:  
May 1, 2012

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

FILED  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

EFFECTIVE:  
July 3, 2012

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.2 Design and Traffic Routing of Switched Access (Cont'd)

For Feature Groups A when ordered in lines and Feature Groups B and D when ordered in trunks, the customer desired line or trunk directionality and/or traffic routing of the Switched Access Service between the customer's premises and the entry switch are specified on the customer's order for service. The Telephone Company will determine the optimal network configuration based on the capacity ordered. If the customer desires routing or directionality different from the optimal configuration determined by the Telephone Company, the Telephone Company will work cooperatively with the customer in determining (1) whether the service is to be routed directly to an end office or through an access tandem switch and (2) the directionality of the service before establishing a firm order. Additionally, for Feature Group B the customer may order the optional feature Customer Specification of Local Transport Termination.

6.5.3 Provision of Service Performance Data

Subject to availability, end-to-end service performance data available to the Telephone Company through its own service evaluation routines, may also be made available to the customer based on previously arranged intervals and format. These data provide information on overall end-to-end call completion and non-completion performance, e.g., customer equipment blockage,

ISSUED:  
March 30, 2007

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

EFFECTIVE:  
April 30, 2007

CANCELED  
July 1, 2012  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

**Filed**  
Missouri Public  
Service Commission

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First Revised Page 231  
Cancels Original Page 231

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REC'D JAN 07 2002

6. Switched Access Service (Cont'd)

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6.5 Obligations of the Telephone Company (Cont'd)

6.5.2 Design and Traffic Routing of Switched Access (Cont'd)

(D)  
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(D)

For Feature Groups A when ordered in lines and Feature Groups B and D when ordered in trunks, the customer desired line or trunk directionality and/or traffic routing of the Switched Access Service between the customer's premises and the entry switch are specified on the customer's order for service. The Telephone Company will determine the optimal network configuration based on the capacity ordered. If the customer desires routing or directionality different from the optimal configuration determined by the Telephone Company, the Telephone Company will work cooperatively with the customer in determining (1) whether the service is to be routed directly to an end office or through an access tandem switch and (2) the directionality of the service before establishing a firm order. Additionally, for Feature Group B the customer may order the optional feature Customer Specification of Local Transport Termination.

6.5.3 Provision of Service Performance Data

Subject to availability, end-to-end service performance data available to the Telephone Company through its own service evaluation routines, may also be made available to the customer based on previously arranged intervals and format. These data provide information on overall end-to-end call completion and non-completion performance, e.g., customer equipment blockage.

Missouri Public

FILED FEB 07 2002

Service Commission

ISSUED:  
January 7, 2002

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

EFFECTIVE:  
February 7, 2002

Cancelled

April 30, 2007  
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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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6.5 Obligations of the Telephone Company (Cont'd) Public Service Commission

6.5.2 Design and Traffic Routing of Switched Access (Cont'd)

two-way trunk groups. Finally, the Telephone Company will decide whether trunk side access will be provided through the use of two-wire or four-wire trunk terminating equipment. Selection of facilities and equipment and traffic routing of the service are based on standard engineering methods, available facilities and equipment, and the Telephone Company traffic routing plans. If the customer desires routing or directionality different from that determined by the Telephone Company, the Telephone Company will work cooperatively with the customer in determining (1) whether the service is to be routed directly to an end office or through an access tandem switch and (2) the directionality of the service.

For Feature Groups A when ordered in lines and Feature Groups B and D when ordered in trunks, the customer desired line or trunk directionality and/or traffic routing of the Switched Access Service between the customer's premises and the entry switch are specified on the customer's order for service. The Telephone Company will determine the optimal network configuration based on the capacity ordered. If the customer desires routing or directionality different from the optimal configuration determined by the Telephone Company, the Telephone Company will work cooperatively with the customer in determining (1) whether the service is to be routed directly to an end office or through an access tandem switch and (2) the directionality of the service before establishing a firm order. Additionally, for Feature Group B the customer may order the optional feature Customer Specification of Local Transport Termination.

6.5.3 Provision of Service Performance Data

Subject to availability, end-to-end service performance data available to the Telephone Company through its own service evaluation routines, may also be made available to the customer based on previously arranged intervals and format. These data provide information on overall end-to-end call completion and non-completion performance, e.g., customer equipment blockage,

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ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

~~September 17, 1992~~  
NOV 7 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.3 Provision of Service Performance Data (Cont'd)

failure results and transmission performance. These data do not include service performance data which are provided under other tariff sections, e.g., testing service results. If data are to be provided in other than paper format, the charges for such exchange will be determined on an individual case basis.

6.5.4 Trunk Group Measurements Reports

Subject to availability, the Telephone Company will make available trunk group data in the form of usage in CCS, peg count and overflow, to the customer based on previously agreed to intervals.

6.5.5 Determination of Number of Transmission Paths

When ordering Switched Access Services in line quantities for Feature Group A or trunk quantities for Feature Group B, C or D, the customer shall specify the number of transmission paths in lines or trunks based on their expected originating and terminating traffic.

For digital entry switches an equivalent termination will be provided for each transmission path provided.

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(M) This material previously appeared on Page 233.

ISSUED:  
May 1, 2012

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

FILED  
Missouri Public Service Commission  
EFFECTIVE:  
July 3, 2012  
TT-2012-0317, YI-2012-0635

CANCELLED - Missouri Public Service Commission - 07/14/2023 - IN-2023-0447 - YI-2024-0001

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.3 Provision of Service Performance Data (Cont'd)

failure results and transmission performance. These data do not include service performance data which are provided under other tariff sections, e.g., testing service results. If data are to be provided in other than paper format, the charges for such exchange will be determined on an individual case basis.

6.5.4 Trunk Group Measurements Reports

Subject to availability, the Telephone Company will make available trunk group data in the form of usage in CCS, peg count and overflow, to the customer based on previously agreed to intervals.

6.5.5 Determination of Number of Transmission Paths

When ordering Switched Access Services in line quantities for Feature Group A or trunk quantities for Feature Group B, C or D, the customer shall specify the number of transmission paths in lines or trunks based on their expected originating and terminating traffic.

ISSUED:  
March 30, 2007

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

EFFECTIVE:  
April 30, 2007

CANCELED  
July 1, 2012  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

**Filed**  
Missouri Public  
Service Commission

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Second Revised Page 232  
Cancels First Revised Page 232  
**Missouri Public  
Service Commission**

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REC'D DEC 06 2002

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.3 Provision of Service Performance Data (Cont'd)

failure results and transmission performance. These data do not include service performance data which are provided under other tariff sections, e.g., testing service results. If data are to be provided in other than paper format, the charges for such exchange will be determined on an individual case basis.

6.5.4 Trunk Group Measurements Reports

Subject to availability, the Telephone Company will make available trunk group data in the form of usage in CCS, peg count and overflow, to the customer based on previously agreed to intervals.

6.5.5 Determination of Number of Transmission Paths

When ordering Switched Access Services in line quantities for Feature Group A or trunk quantities for Feature Group B, C or D, the customer shall specify the number of transmission paths in lines or trunks based on their expected originating and terminating traffic.

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ISSUED:  
December 6, 2002

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

EFFECTIVE:  
January 6, 2003

**Missouri Public  
Service Commission**

FILED JAN 06 2003



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First Revised Page 232  
Cancels Original Page 232  
Missouri Public

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REC'D JAN 07 2002

6. Switched Access Service (Cont'd)

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6.5 Obligations of the Telephone Company (Cont'd)

6.5.3 Provision of Service Performance Data (Cont'd)

failure results and transmission performance. These data do not include service performance data which are provided under other tariff sections, e.g., testing service results. If data are to be provided in other than paper format, the charges for such exchange will be determined on an individual case basis.

6.5.4 Trunk Group Measurements Reports

Subject to availability, the Telephone Company will make available trunk group data in the form of usage in CCS, peg count and overflow, to the customer based on previously agreed to intervals.

6.5.5 Determination of Number of Transmission Paths

*When ordering Switched Access Services in line quantities for Feature Group A or trunk quantities for Feature Group B, C or D, the customer shall specify the number of transmission paths in lines or trunks based on their expected originating and terminating traffic. The number of transmission paths will be developed using the total busy hour minutes of capacity by traffic type (as described in 6.1.1(E) preceding) for the end offices for each Feature Group ordered from a customer's premises. The total busy hour minutes of capacity by type for the end office will be converted to transmission paths using standard Telephone Company traffic engineering methods. The number of transmission paths provided shall be the number required based on (1) the use of access tandem switches and end office switches, (2) the use of end office switches only, or (3) the use of tandem switches only.*

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**CANCELLED**

JAN 06 2003  
2nd RS 232  
Public Service Commission  
MISSOURI

Missouri Public

FILED FEB 07 2002

Service Commission

ISSUED:  
January 7, 2002

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

EFFECTIVE:  
February 7, 2002

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6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

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6.5.3 Provision of Service Performance Data (Cont'd)

failure results and transmission performance. These data do not include service performance data which are provided under other tariff sections, e.g., testing service results. If data are to be provided in other than paper format, the charges for such exchange will be determined on an individual case basis.

6.5.4 Trunk Group Measurements Reports

Subject to availability, the Telephone Company will make available trunk group data in the form of usage in CCS, peg count and overflow, to the customer based on previously agreed to intervals.

6.5.5 Determination of Number of Transmission Paths

For Feature Groups A and B, which are ordered on a per line or per trunk basis respectively, and Feature Group D when ordered on a per trunk basis, the customer specifies the number of transmission paths in the order for service. The Telephone Company will determine the number of Switched Access Service transmission paths to be provided for the Switched Access Feature Group C or D busy hour minutes of capacity ordered. A transmission path is a communication path within the frequency bandwidth of approximately 300 to 3000 Hz or a derived communication path of a frequency bandwidth of approximately 300 Hz to 3000 Hz provided over a high frequency analog facility or a high speed digital facility between a customer's premises and a Telephone Company location. The number of transmission paths will be developed using the total busy hour minutes of capacity by traffic type (as described in 6.1.1(E) preceding) for the end offices for each Feature Group ordered from a customer's premises. The total busy hour minutes of capacity by type for the end office will be converted to transmission paths using standard Telephone Company traffic engineering methods. The number of transmission paths provided shall be the number required based on (1) the use of access tandem switches and end office switches, (2) the use of end office switches only, or (3) the use of tandem switches only.

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FEB 07 2002

1st RP 232

Public Service Commission  
MISSOURI

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

FILED

NOV 7 1992

NO. PUBLIC SERVICE COMMISSION  
EFFECTIVE:

NOV 7 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.6 Reserved For Future Use

6.5.7 Design Blocking Probability

The Telephone Company will design and monitor the facilities used in the provision of Switched Access Service to meet the blocking probability criteria as set forth in (A) through (D) following:

- (A) For Feature Groups A and B no design blocking criteria apply.
- (B) For Feature Group C, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's premises and the first point of switching when traffic is directly routed without an alternate route. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.
- (C) For Feature Group D, the design blocking objective for the final group will be no greater than one percent (.01) between the point of termination at the customer's premises and the end office switch, whether the traffic is directly routed without an alternate route or routed via an access tandem. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking. The Erlang B traffic tables are used for High Usage (HU) trunk groups while Neal Wilkinson traffic tables are used for final groups.

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CANCELLED - Missouri Public Service Commission - 07/14/2023 - IN-2023-0447 - YI-2024-0001

ISSUED:  
May 1, 2012

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

FILED  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

EFFECTIVE:  
July 3, 2012

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.5 Determination of Number of Transmission Paths (Cont'd)

For analog entry switches, a termination will be provided for each transmission path provided. For digital entry switches an equivalent termination will be provided for each transmission path provided.

6.5.6 Reserved For Future Use

6.5.7 Design Blocking Probability

The Telephone Company will design and monitor the facilities used in the provision of Switched Access Service to meet the blocking probability criteria as set forth in (A) through (D) following:

- (A) For Feature Groups A and B no design blocking criteria apply.
- (B) For Feature Group C, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's premises and the first point of switching when traffic is directly routed without an alternate route. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.
- (C) For Feature Group D, the design blocking objective for the final group will be no greater than one percent (.01) between the point of termination at the customer's premises and the end office switch, whether the traffic is directly routed without an alternate route or routed via an access tandem. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking. The Erlang B traffic tables are used for High Usage (HU) trunk groups while Neal Wilkinson traffic tables are used for final groups.

ISSUED:  
March 30, 2007

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

EFFECTIVE:  
April 30, 2007

CANCELED  
July 1, 2012  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

**Filed**  
Missouri Public  
Service Commission

SPRINT MISSOURI, INC.  
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First Revised Page 233  
Cancels Original Page 233  
Missouri Public

ACCESS SERVICE

REC'D JAN 07 2002

6. Switched Access Service (Cont'd)

Service Commission

6.5 Obligations of the Telephone Company (Cont'd)

6.5.5 Determination of Number of Transmission Paths (Cont'd)

(T)

For analog entry switches, a termination will be provided for each transmission path provided. For digital entry switches an equivalent termination will be provided for each transmission path provided.

6.5.6 Reserved For Future Use

(N)

6.5.7 Design Blocking Probability

The Telephone Company will design and monitor the facilities used in the provision of Switched Access Service to meet the blocking probability criteria as set forth in (A) through (D) following:

- (A) For Feature Groups A and B no design blocking criteria apply.
- (B) For Feature Group C, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's premises and the first point of switching when traffic is directly routed without an alternate route. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.
- (C) For Feature Group D, the design blocking objective for the final group will be no greater than one percent (.01) between the point of termination at the customer's premises and the end office switch, whether the traffic is directly routed without an alternate route or routed via an access tandem. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking. The Erlang B traffic tables are used for High Usage (HU) trunk groups while Neal Wilkinson traffic tables are used for final groups.

Missouri Public

FILED FEB 07 2002

Service Commission

ISSUED:  
January 7, 2002

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

EFFECTIVE:  
February 7, 2002

Cancelled

April 30, 2007  
Missouri Public  
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6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

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6.5.6 Determination of Number of Transmission Paths (Cont'd)

For analog entry switches, a termination will be provided for each transmission path provided. For digital entry switches an equivalent termination will be provided for each transmission path provided.

6.5.7 Design Blocking Probability

The Telephone Company will design and monitor the facilities used in the provision of Switched Access Service to meet the blocking probability criteria as set forth in (A) through (D) following:

- (A) For Feature Groups A and B no design blocking criteria apply.
- (B) For Feature Group C, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's premises and the first point of switching when traffic is directly routed without an alternate route. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.
- (C) For Feature Group D, the design blocking objective for the final group will be no greater than one percent (.01) between the point of termination at the customer's premises and the end office switch, whether the traffic is directly routed without an alternate route or routed via an access tandem. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking. The Erlang B traffic tables are used for High Usage (HU) trunk groups while Neal Wilkinson traffic tables are used for final groups.

CANCELLED

FEB 07 2002

1st RP 233

Public Service Commission  
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FILED

NOV 7 1992

REG. PUBLIC UTILITIES COM. MISSOURI

EFFECTIVE:

~~October 1, 1992~~

NOV 7 1992

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.7 Design Blocking Probability (Cont'd)

(D) The Telephone Company will perform routine measurement functions for the capacity ordered, whether ordered in lines or trunks to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (i.e., lines or trunks) be ordered by the customer when additional paths are required to reduce the measured blocking level. For the Feature Group C or D capacity ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the thresholds listed in the following tables.

(1) For transmission paths carrying only first routed traffic directly between an end office and a customer's premises without an alternate route, and for paths carrying only overflow traffic, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Per Trunk Group			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	3-6 Measurements
2	.070	.080	.090	.140
3	.050	.060	.070	.090
4	.050	.060	.070	.080
5-6	.040	.050	.060	.070
7 -336	.030	.035	.040	.060
337-504	.025	.030	.035	.055
505 or more	.020	.025	.030	.050

(C)  
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ISSUED:  
May 1, 2012

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

EFFECTIVE:  
July 3, 2012

FILED  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.7 Design Blocking Probability (Cont'd)

(D) The Telephone Company will perform routine measurement functions for the capacity ordered, whether ordered in lines or trunks to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (i.e., lines or trunks) be ordered by the customer when additional paths are required to reduce the measured blocking level. For the Feature Group C or D capacity ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the thresholds listed in the following tables.

(1) For transmission paths carrying only first routed traffic directly between an end office and a customer's premises without an alternate route, and for paths carrying only overflow traffic, the measured blocking thresholds are as follows:

<u>Number of Transmission Paths Per Trunk Group</u>	<u>Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Per Trunk Group</u>			
	<u>15-20 Measurements</u>	<u>11-14 Measurements</u>	<u>7-10 Measurements</u>	<u>3-6 Measurements</u>
2	.070	.080	.090	.140
3	.050	.060	.070	.090
4	.050	.060	.070	.080
5-6	.040	.050	.060	.070
7 or more	.030	.035	.040	.060

ISSUED:  
March 30, 2007

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

EFFECTIVE:  
April 30, 2007

CANCELED  
July 1, 2012  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635



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First Revised Page 234  
Cancels Original Page 234

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ACCESS SERVICE

REC'D JAN 07 2002

6. Switched Access Service (Cont'd)

Service Commission

6.5 Obligations of the Telephone Company (Cont'd)

6.5.7 Design Blocking Probability (Cont'd)

(D) The Telephone Company will perform routine measurement functions for the capacity ordered, whether ordered in lines **or trunks** to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (*i.e., lines or trunks*) be ordered by the customer when additional paths are required to reduce the measured blocking level. For the Feature Group C or D capacity ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the thresholds listed in the following tables. (C)

(1) For transmission paths carrying only first routed traffic directly between an end office and a customer's premises without an alternate route, and for paths carrying only overflow traffic, the measured blocking thresholds are as follows: (C)

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Per Trunk Group			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	3-6 Measurements
2	.070	.080	.090	.140
3	.050	.060	.070	.090
4	.050	.060	.070	.080
5-6	.040	.050	.060	.070
7 or more	.030	.035	.040	.060

Missouri Public

FILED FEB 07 2002

Service Commission

ISSUED:  
January 7, 2002

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

EFFECTIVE:  
February 7, 2002

Cancelled  
April 30, 2007  
Missouri Public  
Service Commission

UNITED TELEPHONE COMPANY  
OF MISSOURI

Original Page 234

ACCESS SERVICE

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SEP 17 1992

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

MISSOURI  
Public Service Commission

6.5.7 Design Blocking Probability (Cont'd)

(D) The Telephone Company will perform routine measurement functions for the capacity ordered, whether ordered in lines, trunks or BHMCs, to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (i.e., busy hour minutes of capacity, lines or trunks) be ordered by the customer when additional paths are required to reduce the measured blocking level. For the Feature Group C or D capacity ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the thresholds listed in the following tables.

(1) For transmission paths carrying only first routed traffic directly between an end office and a customer's premises without an alternate route, and for paths carrying only overflow traffic, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Per Trunk Group			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	3-6 Measurements
2	.070	.080	.090	.140
3	.050	.060	.070	.090
4	.050	.060	.070	.080
5-6	.040	.050	.060	.070
7 or more	.030	.035	.040	.060

CANCELLED

FEB 07 2002

1st RP234

Public Service Commission  
MISSOURI

FILED

NOV 7 1992

MO. PUBLIC SERVICE COMMISSION

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:

NOV 7 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.7 Design Blocking Probability (Cont'd)

(D) (Cont'd)

(2) For transmission paths carrying first routed traffic between an end office and a customer's premises via an access tandem, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Per Trunk Group				
	15-20 Measurements	11-14 Measurements	7-10 Measurements	3-6 Measurements	
2	.045	.055	.060	.095	
3	.035	.040	.045	.060	
4	.035	.040	.045	.055	
5-6	.025	.035	.040	.045	
7 -336	.020	.025	.030	.040	(C)
337-504	.015	.020	.025	.035	(N)
505 or more	.010	.015	.020	.030	(N)

CANCELLED - Missouri Public Service Commission - 07/14/2023 - IN-2023-0447 - YI-2024-0001

ISSUED:  
May 1, 2012

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

FILED  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

EFFECTIVE:  
July 3, 2012

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.7 Design Blocking Probability (Cont'd)

(D) (Cont'd)

(2) For transmission paths carrying first routed traffic between an end office and a customer's premises via an access tandem, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Per Trunk Group			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	3-6 Measurements
2	.045	.055	.060	.095
3	.035	.040	.045	.060
4	.035	.040	.045	.055
5-6	.025	.035	.040	.045
7 or more	.020	.025	.030	.040

ISSUED:  
March 30, 2007

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

EFFECTIVE:  
April 30, 2007

CANCELED  
July 1, 2012  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

**Filed**  
Missouri Public  
Service Commission

UNITED TELEPHONE COMPANY  
OF MISSOURI

Original Page 235

ACCESS SERVICE

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SEP 17 1992

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.7 Design Blocking Probability (Cont'd)

MISSOURI  
Public Service Commission

(D) (Cont'd)

(2) For transmission paths carrying first routed traffic between an end office and a customer's premises via an access tandem, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Per Trunk Group			
	15-20 <u>Measurements</u>	11-14 <u>Measurements</u>	7-10 <u>Measurements</u>	3-6 <u>Measurements</u>
2	.045	.055	.060	.095
3	.035	.040	.045	.060
4	.035	.040	.045	.055
5-6	.025	.035	.040	.045
7 or more	.020	.025	.030	.040

**FILED**

NOV 7 1992

MO. PUBLIC SERVICE COMMISSION  
EFFECTIVE:

~~SEPTEMBER 17, 1992~~

NOV 7 1992

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

Cancelled

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Customer

In addition to the Obligations of the Customer set forth in 2.3 preceding, the customer has certain specific obligations pertaining to the use of Switched Access Service. These obligations are as follows:

6.6.1 Report Requirements

Customers are responsible for providing the following reports to the Telephone Company, when applicable.

(A) Jurisdictional Reports

When a customer orders Switched Access Service for both interstate and intrastate use, the customer is responsible for providing reports as set forth in 2.3.14 preceding. Charges will be apportioned in accordance with those reports. The method to be used for determining the intrastate charges is set forth in 2.3.15 preceding.

(B) Code Screening Reports

When a customer orders service class routing, trunk access limitation or call gapping arrangements, it must report the number of trunks and/or the appropriate codes to be instituted in each end office or access tandem switch, for each of the arrangements ordered.

(C) 900 Access Service NXX Codes

All 900 NXX Code assignments and administration shall be in accordance with the North American Numbering Plan (NANP).

When ordering 900 Access Service, NXX codes to be activated and NXX Codes to be deactivated must be provided to the Telephone Company at least 30 calendar days prior to the effective date of the change. Customer assigned codes, for which an order has not been received, will be blocked. When 900 Access Service traffic is terminated on a switched access line and not on a dedicated access line, the customer must notify the Telephone Company of all local exchange telephone numbers to which 900 Access Service traffic is designated so that the Telephone Company can balance the end office in accordance with standard Telephone Company engineering practices for heavy volume lines.

(D) Interim 500 Access Service NXX Codes

All 500 NXX Code assignments and administration shall be in accordance with the North American Numbering Plan (NANP).

When ordering Interim 500 Access Service, NXX Codes to be activated and NXX Codes to be deactivated must be provided to the Telephone Company at least 30 calendar days prior to the effective date of the change.

(Z)

ISSUED:  
May 1, 2012

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

EFFECTIVE:  
July 3, 2012

FILED  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

CANCELLED - Missouri Public Service Commission - 07/14/2023 - IN-2023-0447 - YI-2024-0001

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Customer

In addition to the Obligations of the Customer set forth in 2.3 preceding, the customer has certain specific obligations pertaining to the use of Switched Access Service. These obligations are as follows:

6.6.1 Report Requirements

Customers are responsible for providing the following reports to the Telephone Company, when applicable.

(A) Jurisdictional Reports

When a customer orders Switched Access Service for both interstate and intrastate use, the customer is responsible for providing reports as set forth in 2.3.14 preceding. Charges will be apportioned in accordance with those reports. The method to be used for determining the intrastate charges is set forth in 2.3.15 preceding.

(B) Code Screening Reports

When a customer orders service class routing, trunk access limitation or call gapping arrangements, it must report the number of trunks and/or the appropriate codes to be instituted in each end office or access tandem switch, for each of the arrangements ordered.

(C) 900 Access Service NXX Codes

All 900 NXX Code assignments and administration shall be in accordance with the North American Numbering Plan (NANP).

When ordering 900 Access Service, NXX codes to be activated and NXX Codes to be deactivated must be provided to the Telephone Company at least 30 calendar days prior to the effective date of the change. Customer assigned codes, for which an order has not been received, will be blocked. When 900 Access Service traffic is terminated on a switched access line and not on a dedicated access line, the customer must notify the Telephone Company of all local exchange telephone numbers to which 900 Access Service traffic is designated so that the Telephone Company can balance the end office in accordance with standard Telephone Company engineering practices for heavy volume lines.

(D) Interim 500 Access Service NXX Codes

All 500 NXX Code assignments and administration shall be in accordance with the North American Numbering Plan (NANP).

When ordering Interim 500 Access Service, NXX Codes to be activated and XX Codes to be deactivated must be provided to the Telephone Company at least 30 calendar days prior to the effective date of the change.

ISSUED:  
March 30, 2007

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

EFFECTIVE:  
April 30, 2007

CANCELED  
July 1, 2012  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

**Filed**  
Missouri Public  
Service Commission

ACCESS SERVICE

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6. Switched Access Service (Cont'd)

6.6 Obligations of the Customer

JAN 11 1995 (Z)

In addition to the Obligations of the Customer set forth in 2.3 preceding, the customer has certain specific obligations pertaining to the use of Switched Access Service. The obligations are as follows: (Z)

PUBLIC SERVICE COMM.

6.6.1 Report Requirements

Customers are responsible for providing the following reports to the Telephone Company, when applicable.

(A) Jurisdictional Reports

When a customer orders Switched Access Service for both interstate and intrastate use, the customer is responsible for providing reports as set forth in 2.3.14 preceding. Charges will be apportioned in accordance with those reports. The method to be used for determining the intrastate charges is set forth in 2.3.15 preceding.

(B) Code Screening Reports

When a customer orders service class routing, trunk access limitation or call gapping arrangements, it must report the number of trunks and/or the appropriate codes to be instituted in each end office or access tandem switch, for each of the arrangements ordered.

(C) 900 Access Service NXX Codes

All 900 NXX Code assignments and administration shall be in accordance with the North American Numbering Plan (NANP).

When ordering 900 Access Service, NXX codes to be activated and NXX Codes to be deactivated must be provided to the Telephone Company at least 30 calendar days prior to the effective date of the change. Customer assigned codes, for which an order has not been received, will be blocked. When 900 Access Service traffic is terminated on a switched access line and not on a dedicated access line, the customer must notify the Telephone Company of all local exchange telephone numbers to which 900 Access Service traffic is designated so that the Telephone Company can balance the end office in accordance with standard Telephone Company engineering practices for heavy volume lines.

(D) Interim 500 Access Service NXX Codes

All 500 NXX Code assignments and administration shall be in accordance with the North American Numbering Plan (NANP).

When ordering Interim 500 Access Service, NXX Codes to be activated and NXX Codes to be deactivated must be provided to the Telephone Company at least 30 calendar days prior to the effective date of the change.

FILED

11 1995  
EFFECTIVE:

ISSUED:  
January 11, 1995

BY: John L. Roe  
Vice President - Carrier and Regulatory Services  
5454 West 110th Street  
Overland Park, Kansas 66211

February 11, 1995  
MISSOURI  
Public Service Commission



UNITED TELEPHONE COMPANY  
OF MISSOURI

Original Page 236

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**SEP 17 1992**

**ACCESS SERVICE**

**MISSOURI  
Public Service Commission**

6. Switched Access Service (Cont'd)

6.6 Obligations of the Customer (Cont'd)

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

6.6.1 Report Requirements

Customers are responsible for providing the following reports to the Telephone Company, when applicable.

(A) Jurisdictional Reports

When a customer orders Switched Access Service for both interstate and intrastate use, the customer is responsible for providing reports as set forth in 2.3.14 preceding. Charges will be apportioned in accordance with those reports. The method to be used for determining the intrastate charges is set forth in 2.3.15 preceding.

(B) Code Screening Reports

When a customer orders service class routing, trunk access limitation or call gapping arrangements, it must report the number of trunks and/or the appropriate codes to be instituted in each end office or access tandem switch, for each of the arrangements ordered.

CANCELLED

FEB 11 1995  
BY *let R.S #236*  
Public Service Commission  
MISSOURI

FILED

NOV 7 1992

MO. PUBLIC SERVICE COMMISSION

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
~~NOV 7 1992~~  
NOV 7 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Customer (Cont'd)

6.6.1 Report Requirements (Cont'd)

(D) Interim 500 Access Service NXX Codes (Cont'd)

Customer assigned codes, for which an order has not been received, will be blocked. When Interim 500 Access Service traffic is terminated on a switched access line and not on a dedicated access line, the customer must notify the Telephone Company of all local exchange telephone numbers to which Interim 500 Access Service traffic is designated so that the Telephone Company can balance the end office in accordance with standard Telephone Company engineering practices for heavy volume lines.

6.6.2 Supervisory Signaling

The customer's facilities shall provide the necessary on-hook, off-hook, answer and disconnect supervision.

6.6.3 Trunk Group Measurement Reports

With the agreement of the customer, trunk group data in the form of usage in CCS, peg count and overflow for its end of all access trunk groups, where technologically feasible, will be made available to the Telephone Company. These data will be used to monitor trunk group utilization and service performance and will be based on previously arranged intervals and format.

6.6.4 Design of Switched Access Services

When a customer orders Switched Access Service on a per line or per trunk basis, it is the customer's responsibility to assure that sufficient access services have been ordered to handle its traffic.

6.6.5 Customer's V&H Location

The customer shall provide to the Telephone Company at the time services are requested the V&H coordinates of its facilities at the point of termination.

(N)

(N)

(M)

(M)

(M) Material omitted from this page now appears on Page 237.1.

ISSUED:  
May 1, 2012

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

FILED  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

EFFECTIVE:  
July 3, 2012

CANCELLED - Missouri Public Service Commission - 07/14/2023 - IN-2023-0447 - YI-2024-0001

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Customer (Cont'd)

6.6.1 Report Requirements (Cont'd)

(D) Interim 500 Access Service NXX Codes (Cont'd)

Customer assigned codes, for which an order has not been received, will be blocked. When Interim 500 Access Service traffic is terminated on a switched access line and not on a dedicated access line, the customer must notify the Telephone Company of all local exchange telephone numbers to which Interim 500 Access Service traffic is designated so that the Telephone Company can balance the end office in accordance with standard Telephone Company engineering practices for heavy volume lines.

6.6.2 Supervisory Signaling

The customer's facilities shall provide the necessary on-hook, off-hook, answer and disconnect supervision.

6.6.3 Trunk Group Measurement Reports

With the agreement of the customer, trunk group data in the form of usage in CCS, peg count and overflow for its end of all access trunk groups, where technologically feasible, will be made available to the Telephone Company. These data will be used to monitor trunk group utilization and service performance and will be based on previously arranged intervals and format.

6.6.4 Design of Switched Access Services

When a customer orders Switched Access Service on a per line or per trunk basis, it is the customer's responsibility to assure that sufficient access services have been ordered to handle its traffic.

6.7 Rate Regulations

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

6.7.1 Description and Application of Rates and Charges

There are three types of rates and charges that apply to Switched Access Service. These are monthly recurring rates, nonrecurring charges and usage rates. These rates and charges are applied differently to the various rate elements as set forth in (D) following.

(A) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a specific rate element is provided. For billing purposes, each month is considered to have 30 days.

ISSUED:  
March 30, 2007

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

EFFECTIVE:  
April 30, 2007

CANCELED  
July 1, 2012  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

**Filed**  
Missouri Public  
Service Commission

UNITED TELEPHONE COMPANY  
OF MISSOURI

First Revised Page 237  
Cancels Original Page 237

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ACCESS SERVICE

JAN 11 1995

6. Switched Access Service (Cont'd)

6.6 Obligations of the Customer (Cont'd)

MO. PUBLIC SERVICE COMM.

6.6.1 Report Requirements (Cont'd)

(D) Interim 500 Access Service NXX Codes (Cont'd)

Customer assigned codes, for which an order has not been received, will be blocked. When Interim 500 Access Service traffic is terminated on a switched access line and not on a dedicated access line, the customer must notify the Telephone Company of all local exchange telephone numbers to which Interim 500 Access Service traffic is designated so that the Telephone Company can balance the end office in accordance with standard Telephone Company engineering practices for heavy volume lines.

(N)  
|  
(N)

6.6.2 Supervisory Signaling

The customer's facilities shall provide the necessary on-hook, off-hook, answer and disconnect supervision.

6.6.3 Trunk Group Measurement Reports

With the agreement of the customer, trunk group data in the form of usage in CCS, peg count and overflow for its end of all access trunk groups, where technologically feasible, will be made available to the Telephone Company. These data will be used to monitor trunk group utilization and service performance and will be based on previously arranged intervals and format.

6.6.4 Design of Switched Access Services

When a customer orders Switched Access Service on a per line or per trunk basis, it is the customer's responsibility to assure that sufficient access services have been ordered to handle its traffic.

6.7 Rate Regulations

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

6.7.1 Description and Application of Rates and Charges

There are three types of rates and charges that apply to Switched Access Service. These are monthly recurring rates, nonrecurring charges and usage rates. These rates and charges are applied differently to the various rate elements as set forth in (D) following.

(A) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a specific rate element is provided. For billing purposes, each month is considered to have 30 days.

FILED  
FEB 11 1995

ISSUED:  
January 11, 1995

BY: John L. Roe  
Vice President - Carrier and Regulatory Services  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
February 11, 1995  
Missouri Public Service Commission

UNITED TELEPHONE COMPANY  
OF MISSOURI

Original Page 237

ACCESS SERVICE

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SEP 17 1992

6. Switched Access Service (Cont'd)

MISSOURI  
Public Service Commission

6.6 Obligations of the Customer (Cont'd)

6.6.2 Supervisory Signaling

The customer's facilities shall provide the necessary on-hook, off-hook, answer and disconnect supervision.

6.6.3 Trunk Group Measurement Reports

With the agreement of the customer, trunk group data in the form of usage in CCS, peg count and overflow for its end of all access trunk groups, where technologically feasible, will be made available to the Telephone Company. These data will be used to monitor trunk group utilization and service performance and will be based on previously arranged intervals and format.

6.6.4 Design of Switched Access Services

When a customer orders Switched Access Service on a per line or per trunk basis, it is the customer's responsibility to assure that sufficient access services have been ordered to handle its traffic.

CANCELLED

6.7 Rate Regulations

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

FEB 11 1995  
BY let B.S. #287  
Public Service Commission  
MISSOURI

6.7.1 Description and Application of Rates and Charges

There are three types of rates and charges that apply to Switched Access Service. These are monthly recurring rates, nonrecurring charges and usage rates. These rates and charges are applied differently to the various rate elements as set forth in (D) following.

(A) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a specific rate element is provided. For billing purposes, each month is considered to have 30 days.

FILED

NOV 7 1992

MO. PUBLIC SERVICE COMMISSION  
EFFECTIVE:

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

~~September 17, 1992~~  
NOV 7 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations

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

6.7.1 Description and Application of Rates and Charges

There are four types of rates and charges that apply to Switched Access Service. These are monthly recurring rates, nonrecurring charges and usage rates and zone density. These rates and charges are applied differently to the various rate elements as set forth in (D) following.

(A) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a specific rate element is provided. For billing purposes, each month is considered to have 30 days.

(M)

(C)

(C)

(Z)

(M)

(M) This material previously appeared on Page 237.

ISSUED:  
May 1, 2012

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

**FILED**  
**Missouri Public**  
**Service Commission**

EFFECTIVE:  
July 3, 2012

TT-2012-0317, YI-2012-0635

CANCELLED - Missouri Public Service Commission - 07/14/2023 - IN-2023-0447 - YI-2024-0001

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(B) Usage Rates

Usage rates are rates that apply only when a specific rate element is used. These are applied on a per access minute basis as described in (D) following, or on a per query basis as described in 6.2.5. Usage rates may be either distance sensitive (per mile) or non-distance sensitive (fixed). Access minute charges are accumulated over a monthly period.

(C)  
|  
(C)

(C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Switched Access Service are: installation of service, installation of optional features, service rearrangements, Interim 500 Access Service, TFC Access Service and 900 Access Service.

(C)

(1) Installation of Service

Nonrecurring charges apply to each Switched Access Service installed. For FGA, the per line installation charge is applicable. For FGB, FGC, FGD, Interim 500 Access, TFC and 900, the per trunk installation charge is applicable on a per end office or tandem basis. The nonrecurring charge for the installation of Entrance Facilities is applied for each point of termination

(N)  
(N)

(2) Installation of Optional Features

If a separate nonrecurring charge applies for the installation of an optional feature available with Switched Access Service, the charge applies whether the feature is installed coincident with the initial installation of service or at any time subsequent to the initial installation of service.

CANCELLED - Missouri Public Service Commission - 07/14/2023 - IN-2023-0447 - YI-2024-0001

ISSUED:  
May 1, 2012

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

FILED  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

EFFECTIVE:  
July 3, 2012

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(B) Usage Rates

Usage rates are rates that apply only when a specific rate element is used. These are applied on a per access minute basis. Access minute charges are accumulated over a monthly period.

(C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Switched Access Service are: installation of service, installation of optional features, service rearrangements, Interim 500 Access Service, and 900 Access Service.

(1) Installation of Service

Nonrecurring charges apply to each Switched Access Service installed. For FGA, the per line installation charge is applicable. For FGB, FGC, FGD, Interim 500 Access, TFC and 900, the per trunk installation charge is applicable on a per end office or tandem basis.

(2) Installation of Optional Features

If a separate nonrecurring charge applies for the installation of an optional feature available with Switched Access Service, the charge applies whether the feature is installed coincident with the initial installation of service or at any time subsequent to the initial installation of service.

ISSUED:  
March 30, 2007

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

EFFECTIVE:  
April 30, 2007

CANCELED  
July 1, 2012  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

**Filed**  
Missouri Public  
Service Commission



SPRINT MISSOURI, INC.  
d/b/a SPRINT

Second Revised Page 238  
Cancels First Revised Page 238  
Missouri Public

ACCESS SERVICE

REC'D JAN 07 2002

Service Commission

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(B) Usage Rates

Usage rates are rates that apply only when a specific rate element is used. These are applied on a per access minute basis. Access minute charges are accumulated over a monthly period.

(C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Switched Access Service are: installation of service, installation of optional features, service rearrangements, Interim 500 Access Service, and 900 Access Service.

(1) Installation of Service

Nonrecurring charges apply to each Switched Access Service **installed. For FGA, the per line installation charge is applicable. For FGB, FGC, FGD, Interim 500 Access, TFC and 900, the per trunk installation charge is applicable on a per end office or tandem basis.**

(C)  
|  
(C)

(2) Installation of Optional Features

If a separate nonrecurring charge applies for the installation of an optional feature available with Switched Access Service, the charge applies whether the feature is installed coincident with the initial installation of service or at any time subsequent to the initial installation of service.

Missouri Public

FILED FEB 07 2002

Service Commission

ISSUED:  
January 7, 2002

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

EFFECTIVE:  
February 7, 2002

Cancelled

April 30, 2007  
Missouri Public  
Service Commission

**RECEIVED**

ACCESS SERVICE

**JAN 11 1995**

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

**MO. PUBLIC SERVICE COMM.**

6.7.1 Description and Application of Rates and Charges (Cont'd)

(B) Usage Rates

Usage rates are rates that apply only when a specific rate element is used. These are applied on a per access minute basis. Access minute charges are accumulated over a monthly period.

(C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Switched Access Service are: installation of service, installation of optional features, service rearrangements, Interim 500 Access Service, and 900 Access Service.

(C)  
(C)

(1) Installation of Service

Nonrecurring charges apply to each Switched Access Service installed. For FGA and FGB, which are ordered on a per line or trunk basis respectively, and for FGD when ordered on a per trunk basis, the charge is applied per line on trunk. For FGC and FGD, which are ordered on a busy hour minutes of capacity basis, the charge is also applied on a per trunk basis but the charge applies only when the capacity ordered requires the installation of an additional trunk(s).

(2) Installation of Optional Features

If a separate nonrecurring charge applies for the installation of an optional feature available with Switched Access Service, the charge applies whether the feature is installed coincident with the initial installation of service or at any time subsequent to the initial installation of service.

**CANCELLED**

FEB 07 2002  
2nd RP 238  
Public Service Commission  
MISSOURI

**FILED**

ISSUED:  
January 11, 1995

BY: John L. Roe  
Vice President - Carrier and Regulatory Services  
5454 West 110th Street  
Overland Park, Kansas 66211

**FEB 11 1995**  
MISSOURI  
Public Service Commission

UNITED TELEPHONE COMPANY  
OF MISSOURI

Original Page 238

ACCESS SERVICE

SEP 17 1992

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(B) Usage Rates

Usage rates are rates that apply only when a specific rate element is used. These are applied on a per access minute basis. Access minute charges are accumulated over a monthly period.

(C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Switched Access Service are: installation of service, installation of optional features, and service rearrangements.

(1) Installation of Service

Nonrecurring charges apply to each Switched Access Service installed. For FGA and FGB, which are ordered on a per line or trunk basis respectively, and for FGD when ordered on a per trunk basis, the charge is applied per line on trunk. For FGC and FGD, which are ordered on a busy hour minutes of capacity basis, the charge is also applied on a per trunk basis but the charge applies only when the capacity ordered requires the installation of an additional trunk(s).

(2) Installation of Optional Features

If a separate nonrecurring charge applies for the installation of an optional feature available with Switched Access Service, the charge applies whether the feature is installed coincident with the initial installation of service or at any time subsequent to the initial installation of service.

CANCELLED

FEB 11 1995

BY *let R.S. #238*  
Public Service Commission  
MISSOURI

FILED

NOV 7 1992

MO. PUBLIC SERVICE COMMISSION

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
~~September 17, 1992~~  
NOV 7 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements

Service rearrangements are changes to existing services installed which do not result in either a change in the minimum period requirements as set forth in 5.2.5 preceding or a change in the physical location of the point of termination at the customer's premises or the customer's end user's premises. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. Changes in the physical location of the point of termination are treated as moves and are described and charged for as set forth in 6.7.7 following.

ISSUED:  
March 30, 2007

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

EFFECTIVE:  
April 30, 2007

CANCELLED - Missouri Public Service Commission - 07/14/2023 - IN-2023-0447 - YI-2024-0001

UNITED TELEPHONE COMPANY  
OF MISSOURI

Original Page 239  
**RECEIVED**

ACCESS SERVICE

SEP 17 1992

6. Switched Access Service (Cont'd)

MISSOURI  
Public Service Commission

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements

Service rearrangements are changes to existing services installed which do not result in either a change in the minimum period requirements as set forth in 5.2.5 preceding or a change in the physical location of the point of termination at the customer's premises or the customer's end user's premises. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. Changes in the physical location of the point of termination are treated as moves and are described and charged for as set forth in 6.7.7 following.

**FILED**

NOV 7 1992

MO. PUBLIC SERVICE COMMISSION

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:

~~October 1, 1992~~

NOV 7 1992

Cancelled

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

The charge to the customer for the service rearrangement is dependent on whether the change is administrative only in nature or involves an actual physical change to the service.

Administrative changes will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Access Service to the same entity (i.e., customer remains responsible for all outstanding indebtedness for the Access Service). Administrative changes are as follows:

- Change of customer name (i.e., the customer of record does not change but rather the customer of record changes its name--e.g., AT&T-Long Lines to AT&T-Communications),
- Change of customer or customer's end user premises address when the change of address is not a result of a physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number,
- Change of jurisdiction

ISSUED:  
March 30, 2007

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

EFFECTIVE:  
April 30, 2007

CANCELLED - Missouri Public Service Commission - 07/14/2023 - IN-2023-0447 - YI-2024-0001

UNITED TELEPHONE COMPANY  
OF MISSOURI

Original Page 240  
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ACCESS SERVICE

SEP 17 1992

6. Switched Access Service (Cont'd)

MISSOURI  
Public Service Commission

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

The charge to the customer for the service rearrangement is dependent on whether the change is administrative only in nature or involves an actual physical change to the service.

Administrative changes will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Access Service to the same entity (i.e., customer remains responsible for all outstanding indebtedness for the Access Service). Administrative changes are as follows:

- Change of customer name (i.e., the customer of record does not change but rather the customer of record changes its name--e.g., AT&T-Long Lines to AT&T-Communications),
- Change of customer or customer's end user premises address when the change of address is not a result of a physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number,
- Change of jurisdiction

**FILED**

NOV 7 1992

MO. PUBLIC SERVICE COMMISSION  
EFFECTIVE:

~~October 17, 1992~~

NOV 7 1992

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

Cancelled

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

All other service rearrangements will be charged for as follows:

- If the change involves the addition of or a modification to an optional feature which has a separate nonrecurring charge, that nonrecurring charge will apply.
- Rearrangements to convert FGD trunks from multifrequency address signaling to SS7 signaling will be provided at no charge. Rearrangements to convert FGD trunks from SS7 signaling to multifrequency address signaling will incur nonrecurring charge(s) as specified in 6.8.3(A) following. Such conversions will be scheduled on a project basis by the Telephone Company in cooperation with the customer.
- When the service switching point (SSP) is located at the Telephone Company's access tandem, end office and tandem trunk rearrangements will be provided at the charges set forth in 6.8.3 following when all of the following conditions apply:
  - (a) End office and tandem trunk rearrangements will be provided only on Feature Group D trunks located at the end office switch.
  - (b) The customer must disconnect one trunk at the end office or access tandem for each trunk installed at the SSP-equipped tandem. The number of trunks being connected at the SSP-equipped tandem cannot exceed the number of trunks disconnected.

(N)  
|  
(N)

CANCELLED - Missouri Public Service Commission - 07/14/2023 - IN-2023-0447 - YI-2024-0001

ISSUED:  
May 1, 2012

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

FILED  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

EFFECTIVE:  
July 3, 2012



ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

All other service rearrangements will be charged for as follows:

- If the change involves the addition of or a modification to an optional feature which has a separate nonrecurring charge, that nonrecurring charge will apply.
- When the service switching point (SSP) is located at the Telephone Company's access tandem, end office and tandem trunk rearrangements will be provided at the charges set forth in 6.8.3 following when all of the following conditions apply:
  - (a) End office and tandem trunk rearrangements will be provided only on Feature Group D trunks located at the end office switch.
  - (b) The customer must disconnect one trunk at the end office or access tandem for each trunk installed at the SSP-equipped tandem. The number of trunks being connected at the SSP-equipped tandem cannot exceed the number of trunks disconnected.

ISSUED:  
March 30, 2007

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

EFFECTIVE:  
April 30, 2007

CANCELED  
July 1, 2012  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

**Filed**  
Missouri Public  
Service Commission

UNITED TELEPHONE COMPANY  
OF MISSOURI

Third Revised Page 241  
Cancels Second Revised Page 241

ACCESS SERVICE

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6. Switched Access Service (Cont'd)

DEC 23 1993

6.7 Rate Regulations (Cont'd)

MISSOURI

6.7.1 Description and Application of Rates and Charges (Cont'd) <sup>Public Service Commission</sup>

(C) Nonrecurring Charges (Cont'd)

(3) Service rearrangements (Cont'd)

All other service rearrangements will be charged for as follows:

- If the change involves the addition of or a modification to an optional feature which has a separate nonrecurring charge, that nonrecurring charge will apply.

- When the service switching point (SSP) is located at the Telephone Company's access tandem, end office and tandem trunk rearrangements will be provided at the charges set forth in 6.8.3 following when all of the following conditions apply:

(a) End office and tandem trunk rearrangements will be provided only on Feature Group D trunks located at the end office switch.

(b) The customer must disconnect one trunk at the end office or access tandem for each trunk installed at the SSP-equipped tandem. The number of trunks being connected at the SSP-equipped tandem cannot exceed the number of trunks disconnected.

(N)  
(N)

FILED

JAN 24 1994

MISSOURI  
Public Service Commission

ISSUE DATE:  
December 23, 1993

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE DATE:  
January 24, 1994

Cancelled

UNITED TELEPHONE COMPANY  
OF MISSOURI

Second Revised Page 241  
Cancels First Revised Page 241

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ACCESS SERVICE

NOV 2 1993

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

MO. PUBLIC SERVICE COMM.

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service rearrangements (Cont'd)

All other service rearrangements will be charged for as follows:

- If the change involves the addition of or a modification to an optional feature which has a separate nonrecurring charge, that nonrecurring charge will apply.

CANCELLED

JAN 24 1994  
BY 3rd R.S. 241  
Public Service Commission  
MISSOURI

For all other changes, including the addition of, or modifications to, optional features without separate nonrecurring charges, a charge equal to one half the Local Transport nonrecurring (i.e., installation) charge will apply. When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

- Service rearrangements to redirect traffic from direct routed to tandem routed for performance of the 800 data base query required for 800 Access Service, where the 800 query function is initially available only at the tandem, will be assessed the End Office to Tandem Rearrangement Charge set forth in Section 6.8.3 following. When the 800 data base query function becomes available for 800 Access Service at end offices subtending the tandem to which customers have redirected 800 traffic, customers will be allowed to rearrange 800 traffic from tandem routed to direct routed at no charge provided that the same customer premises is maintained.

(D) Application of Rates

Local Transport, Local Switching and the Information Surcharge rate are applied to all Feature Groups.

(T)  
(T)

FILED

ISSUED:  
November 3, 1993

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 662  
EFFECTIVE:  
November 7, 1993

NOV 7 1993  
93-187

MO. PUBLIC SERVICE COMM.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service rearrangements (Cont'd)

All other service rearrangements will be charged for as follows:

- If the change involves the addition of or a modification to an optional feature which has a separate nonrecurring charge, that nonrecurring charge will apply.

- For all other changes, including the addition of, or modifications to, optional features without separate nonrecurring charges, a charge equal to one half the Local Transport nonrecurring (i.e., installation) charge will apply. When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

- Service rearrangements to redirect traffic from direct routed to tandem routed for performance of the 800 data base query required for 800 Access Service, where the 800 query function is initially available only at the tandem, will be assessed the End Office to Tandem Rearrangement Charge set forth in Section 6.8.3 following. When the 800 data base query function becomes available for 800 Access Service at end offices subtending the tandem to which customers have redirected 800 traffic, customers will be allowed to rearrange 800 traffic from tandem routed to direct routed at no charge provided that the same customer premises is maintained.

**CANCELLED**

NOV 7 1993  
BY 2nd R.S. #241  
Public Service Commission  
MISSOURI

(D) Application of Rates

Local Transport, End Office (i.e., Local Switching, Line Termination and Intercept) and the Information Surcharge rate are applied as premium rates.

**FILED**

MAY 01 1993

MO. PUBLIC SERVICE COMMISSION

ISSUED:  
March 31, 1993

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
May 1, 1993

RECEIVED

MAR 31 1993

MO. PUBLIC SERVICE COMMISSION

(N)  
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(N)

UNITED TELEPHONE COMPANY  
OF MISSOURI

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SEP 17 1992

MISSOURI  
Public Service Commission

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service rearrangements (Cont'd)

All other service rearrangements will be charged for as follows:

- If the change involves the addition of or a modification to an optional feature which has a separate nonrecurring charge, that nonrecurring charge will apply.
- For all other changes, including the addition of, or modifications to, optional features without separate nonrecurring charges, a charge equal to one half the Local Transport nonrecurring (i.e., installation) charge will apply. When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

(D) Application of Rates

Local Transport, End Office (i.e., Local Switching, Line Termination and Intercept) and the Information Surcharge rate are applied as premium rates.

CANCELLED

MAY 1 1993

BY *Let R. S # 241*  
Public Service Commission  
MISSOURI

FILED

NOV 7 1992

MO. PUBLIC SERVICE COMM.

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
~~October 1, 1992~~  
NOV 7 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

- (c) The customer must place the order to connect at the SSP-equipped tandem at the same time the order is placed to disconnect from the end office or tandem. The due date of the disconnection order cannot be more than six months past the due date of the order to install at the SSP-equipped tandem.
- (d) Orders to install at the SSP-equipped tandem must be received by the Telephone Company with a due date no later than six months after conversion to TFC number portability.

If the Telephone Company installs an SSP at the end office or tandem, upon receipt of an access order prior to December 31, 1995, the customer's trunks will be rearranged from the SSP-equipped tandem to the original end office or tandem.

ISSUED:  
March 30, 2007

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

EFFECTIVE:  
April 30, 2007

CANCELLED - Missouri Public Service Commission - 07/14/2023 - IN-2023-0447 - YI-2024-0001

UNITED TELEPHONE COMPANY  
OF MISSOURI

First Revised Page 241.1  
Cancels Original Page 241.1

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

MAR 27 1996

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd) MISSOURI  
Service Commission

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

(c) The customer must place the order to connect at the SSP-equipped tandem at the same time the order is placed to disconnect from the end office or tandem. The due date of the disconnection order cannot be more than six months past the due date of the order to install at the SSP-equipped tandem.

(d) Orders to install at the SSP-equipped tandem must be received by the Telephone Company with a due date no later than six months after conversion to TFC number portability. (T)

If the Telephone Company installs an SSP at the end office or tandem, upon receipt of an access order prior to December 31, 1995, the customer's trunks will be rearranged from the SSP-equipped tandem to the original end office or tandem.

FILED

MAR 29 1996

ACCESS SERVICE COMM.

ISSUED:  
March 27, 1996

BY: John L. Roe  
Vice President - Carrier and Regulatory Services  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
April 29, 1996

Cancelled

April 30, 2007  
Missouri Public  
Service Commission

UNITED TELEPHONE COMPANY  
OF MISSOURI

Original Page 241.1

ACCESS SERVICE

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6. Switched Access Service (Cont'd)

DEC 23 1993

6.7 Rate Regulations (Cont'd)

MISSOURI

6.7.1 Description and Application of Rates and Charges (Cont'd) <sup>Public Service Commission</sup>

(C) Nonrecurring Charges (Cont'd)

(3) Service rearrangements (Cont'd)

(c) The customer must place the order to connect at the SSP-equipped tandem at the same time the order is placed to disconnect from the end office or tandem. The due date of the disconnection order cannot be more than six months past the due date of the order to install at the SSP-equipped tandem.

(d) Orders to install at the SSP-equipped tandem must be received by the Telephone Company with a due date no later than six months after conversion to 800 number portability.

If the Telephone Company installs an SSP at the end office or tandem, upon receipt of an access order prior to December 31, 1995, the customer's trunks will be rearranged from the SSP-equipped tandem to the original end office or tandem.

**CANCELLED**

APR 29 1995  
BY 1st R.S. # 241.1  
Public Service Commission  
MISSOURI

**FILED**

JAN 24 1994

MISSOURI  
Public Service Commission

ISSUE DATE:  
December 23, 1993

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE DATE:  
January 24, 1994



ACCESS SERVICE

(N)

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

The nonrecurring charges associated with routing trunks from tandem to end office or from end office to tandem transport will not apply when the following conditions are met:

- (a) The customer must maintain the same customer premises location. Requests to add or change optional features will be subject to the charges applicable to the features.
- (b) Direct routed end office trunks must subtend the tandem from which the service is being rearranged.
- (c) One trunk at the end office or tandem must be disconnected for each rerouted tandem or end office trunk installed with the following exception. If the customer demonstrates that industry accepted engineering standards require the installation of additional trunks, the nonrecurring charges for such additional trunks will not apply.
- (d) The order to disconnect from the tandem or end office must be placed at the same time as the order to connect at the tandem or end office. The due date for the disconnect order may not be more than 90 days after the due date for the order to install the tandem or end office trunk.

(N)

ISSUED:  
May 1, 2012

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

FILED  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

EFFECTIVE:  
July 3, 2012

ACCESS SERVICE

(N)

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

These nonrecurring charges include installation of new facilities between the Telephone Company serving wire center and the customer's designated premises when such facilities are required to provision rerouted trunks.

- The nonrecurring charges associated with upgrades in capacity (i.e., multiple DS0s converting to DS1s, multiple DS1s converting to DS3s) will not apply when the customer maintains the same customer premises location. Requests to add or change optional features will be subject to the nonrecurring charges associated with the features requested.
- Service rearrangement charges will not apply when a customer converts trunks from tandem-switched transport to direct-trunked transport, or orders the disconnection of over-provisioned trunks, prior to January 1, 2014.
- A nonrecurring service upgrade charge will apply per DS1, DS3 or STS1 upgraded when converting existing high capacity services to OptiPoint service. The charge does not apply when OptiPoint is ordered as new service and no existing high capacity services are being relocated to the OptiPoint service. The nonrecurring service upgrade charge will apply for each DS1, DS3 or STS1 channel connected to new OptiPoint service when existing DS1, DS3 or STS1 facilities between the same points of termination as the new OptiPoint service are disconnected within 30 days of the order for new services.
- For service rearrangements involving OC3, OC12 or OC48 switched access services (e.g., OptiPoint Service), a charge equal to one half the Optical Service Charge set forth in 6.8.1 will apply for each node rearranged.

(N)

CANCELLED - Missouri Public Service Commission - 07/14/2023 - IN-2023-0447 - YI-2024-0001

ISSUED:  
May 1, 2012

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

FILED  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

EFFECTIVE:  
July 3, 2012

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

- For all other changes, including the addition of, or modifications to, optional features without separate nonrecurring charges, a charge equal to one half the Local Transport nonrecurring (i.e., installation) charge will apply. When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).
- Service rearrangements to redirect traffic from direct routed to tandem routed for performance of the TFC data base query required for TFC Access Service, where the TFC query function is initially available only at the tandem, will be assessed the End Office to Tandem Rearrangement Charge set forth in Section 6.8.3 following. When the TFC data base query function becomes available for TFC Access Service at end offices subtending the tandem to which customers have redirected TFC traffic, customers will be allowed to rearrange TFC traffic from tandem routed to direct routed at no charge provided that the same customer premises is maintained.

(4) 900 Access Service

A nonrecurring charge as specified in 6.8.5 following applies each time a change is made which involves the addition or deletion of 900 NXX codes to be routed to the customer. The charge is assessed per 900 NXX code added or deleted for each Telephone Company end office switch or access tandem in which translation changes are required. This charge applies to the initial loading of one or more 900 NXX codes required to establish service for the customer, and to any subsequent changes (i.e., additions or deletions) to those codes. There is also an Assembly of Route Pattern nonrecurring charge which applies once for each Telephone Company end office, but only on the customer's initial request to the Telephone Company for 900 Access Service in each LATA, access tandem or end office.

ISSUED:  
March 30, 2007

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

EFFECTIVE:  
April 30, 2007

SPRINT MISSOURI, INC.  
d/b/a SPRINT

Sixth Revised Page 242  
Cancels Fifth Revised Page 242  
Missouri Public

ACCESS SERVICE

REC'D JAN 07 2002

6. Switched Access Service (Cont'd)

Service Commission

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

- For all other changes, including the addition of, or modifications to, optional features without separate nonrecurring charges, a charge equal to one half the Local Transport nonrecurring (i.e., installation) charge will apply. When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).
- Service rearrangements to redirect traffic from direct routed to tandem routed for performance of the TFC data base query required for TFC Access Service, where the TFC query function is initially available only at the tandem, will be assessed the End Office to Tandem Rearrangement Charge set forth in Section 6.8.3 following. When the TFC data base query function becomes available for TFC Access Service at end offices subtending the tandem to which customers have redirected TFC traffic, customers will be allowed to rearrange TFC traffic from tandem routed to direct routed at no charge provided that the same customer premises is maintained.

(4) 900 Access Service

A nonrecurring charge as specified in 6.8.5 following applies each time a change is made which involves the addition or deletion of 900 NXX codes to be routed to the customer. The charge is assessed per 900 NXX code added or deleted for each Telephone Company end office switch or access tandem in which translation changes are required. This charge applies to the initial loading of one or more 900 NXX codes required to establish service for the customer, and to any subsequent changes (i.e., additions or deletions) to those codes. There is also an Assembly of Route Pattern nonrecurring charge which applies once for each Telephone Company end office, but only on the customer's initial request to the Telephone Company for 900 Access Service in *each* LATA, access tandem or end office.

(T)  
(T)

FILED FEB 07 2002

Service Commission

ISSUED:  
January 7, 2002

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

EFFECTIVE:  
February 7, 2002

Cancelled

April 30, 2007  
Missouri Public  
Service Commission

SPRINT MISSOURI, INC.  
d/b/a SPRINT

Fifth Revised Page 242  
Cancels Fourth Revised Page 242

Missouri Public  
Service Commission

ACCESS SERVICE

REC'D NOV 29 2000

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

- For all other changes, including the addition of, or modifications to, optional features without separate nonrecurring charges, a charge equal to one half the Local Transport nonrecurring (i.e., installation) charge will apply. When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

- Service rearrangements to redirect traffic from direct routed to tandem routed for performance of the TFC data base query required for TFC Access Service, where the TFC query function is initially available only at the tandem, will be assessed the End Office to Tandem Rearrangement Charge set forth in Section 6.8.3 following. When the TFC data base query function becomes available for TFC Access Service at end offices subtending the tandem to which customers have redirected TFC traffic, customers will be allowed to rearrange TFC traffic from tandem routed to direct routed at no charge provided that the same customer premises is maintained.

(4) 900 Access Service

A nonrecurring charge as specified in 6.8.5 following applies each time a change is made which involves the addition or deletion of 900 NXX codes to be routed to the customer. The charge is assessed per 900 NXX code added or deleted for each Telephone Company end office switch or access tandem in which translation changes are required. This charge applies to the initial loading of one or more 900 NXX codes required to establish service for the customer, and to any subsequent changes (i.e., additions or deletions) to those codes. There is also an Assembly of Route Pattern nonrecurring charge which applies once for each Telephone Company end office, but only on the customer's initial request to the Telephone Company for 900 Access Service in each state, LATA, *access tandem or end office.*

(C)

**CANCELLED**

FEB 07 2002  
6th RP 242  
Public Service Commission  
MISSOURI

ISSUED:  
November 29, 2000

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

EFFECTIVE:  
December 29, 2000  
Missouri Public  
Service Commission

FILED DEC 29 2000

UNITED TELEPHONE COMPANY  
OF MISSOURI

Fourth Revised Page 242  
Cancels Third Revised Page 242

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

MAR 27 1996

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges MISSOURI  
Public Service Commission

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

- For all other changes, including the addition of, or modifications to, optional features without separate nonrecurring charges, a charge equal to one half the Local Transport nonrecurring (i.e., installation) charge will apply. When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

- Service rearrangements to redirect traffic from direct routed to tandem routed for performance of the TFC data base query required for TFC Access Service, where the TFC query function is initially available only at the tandem, will be assessed the End Office to Tandem Rearrangement Charge set forth in Section 6.8.3 following. When the TFC data base query function becomes available for TFC Access Service at end offices subtending the tandem to which customers have redirected TFC traffic, customers will be allowed to rearrange TFC traffic from tandem routed to direct routed at no charge provided that the same customer premises is maintained.

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(4) 900 Access Service

A nonrecurring charge as specified in 6.8.5 following applies each time a change is made which involves the addition or deletion of 900 NXX codes to be routed to the customer. The charge is assessed per 900 NXX code added or deleted for each Telephone Company end office switch or access tandem in which translation changes are required. This charge applies to the initial loading of one or more 900 NXX codes required to establish service for the customer, and to any subsequent changes (i.e., additions or deletions) of those codes. There is also an Assembly of Route Pattern nonrecurring charge which applies once for each Telephone Company end office, but only on the customer's initial request to the Telephone Company for 900 Access Service in each state, LATA or access tandem.

CANCELLED

DEC 29 2000  
By 5th RP 242  
Public Service Commission  
MISSOURI

FILED

APR 29 1996

MO. PUBLIC SERVICE COMM

ISSUED:  
March 27, 1996

BY: John L. Roe  
Vice President - Carrier and Regulatory Services  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
April 29, 1996

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

JAN 11 1995

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges MO PUBLIC SERVICE COMM.

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

- For all other changes, including the addition of, or modifications to, optional features without separate nonrecurring charges, a charge equal to one half the Local Transport nonrecurring (i.e., installation) charge will apply. When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

- Service rearrangements to redirect traffic from direct routed to tandem routed for performance of the 800 data base query required for 800 Access Service, where the 800 query function is initially available only at the tandem, will be assessed the End Office to Tandem Rearrangement Charge set forth in Section 6.8.3 following. When the 800 data base query function becomes available for 800 Access Service at end offices subtending the tandem to which customers have redirected 800 traffic, customers will be allowed to rearrange 800 traffic from tandem routed to direct routed at no charge provided that the same customer premises is maintained.

CANCELLED

APR 29 1996  
BY 4/27 R.S. # 242  
Public Service Commission  
MISSOURI

(4) 900 Access Service

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A nonrecurring charge as specified in 6.8.5 following applies each time a change is made which involves the addition or deletion of 900 NXX codes to be routed to the customer. The charge is assessed per 900 NXX code added or deleted for each Telephone Company end office switch or access tandem in which translation changes are required. This charge applies to the initial loading of one or more 900 NXX codes required to establish service for the customer, and to any subsequent changes (i.e., additions or deletions) to those codes. There is also an Assembly of Route Pattern nonrecurring charge which applies once for each Telephone Company end office, but only on the customer's initial request to the Telephone Company for 900 Access Service in each state, LATA or access tandem.

FILED  
FEB 11 1995

(N)

ISSUE DATE:  
January 11, 1995

EFFECTIVE:

BY: John L. Roe  
Vice President - Carrier and Regulatory Services  
5454 West 110th Street  
Overland Park, Kansas 66211

February 11, 1995  
Missouri  
Public Service Commission

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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6.7.1 Description and Application of Rates and Charges ~~FGC~~ ~~Cont'd~~ ~~1993~~

(3) Service rearrangements (Cont'd) MISSOURI  
Public Service Commission (M)

- For all other changes, including the addition of, or modifications to, optional features without separate nonrecurring charges, a charge equal to one half the Local Transport nonrecurring (i.e., installation) charge will apply. When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

CANCELLED

FEB 11 1995  
BY 3 MAR.S. #242  
Public Service Commission  
MISSOURI

- Service rearrangements to redirect traffic from direct routed to tandem routed for performance of the 800 data base query required for 800 Access Service, where the 800 query function is initially available only at the tandem, will be assessed the End Office to Tandem Rearrangement Charge set forth in Section 6.8.3 following. When the 800 data base query function becomes available for 800 Access Service at end offices subtending the tandem to which customers have redirected 800 traffic, customers will be allowed to rearrange 800 traffic from tandem routed to direct routed at no charge provided that the same customer premises is maintained.

(D) Application of Rates

Local Transport, Local Switching and the Information Surcharge rate are applied to all Feature Groups.

(1) AT&T Communications of the Southwest, Inc. (AT&T) subscribing to FGB:

Premium rates, including Local Switching LS2, apply to all FGB, FGC and FGD usage at an end office for AT&T subscribing to FGB and either FGC or FGD originating and/or terminating at those end offices. (M)

JAN 24 1994

MISSOURI  
Public Service Commission  
EFFECTIVE DATE:  
January 24, 1994

ISSUE DATE:  
December 23, 1993

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211



ACCESS SERVICE

6. Switched Access Service (Cont'd)

RECEIVED

6.7 Rate Regulations (Cont'd)

NOV 2 1993

6.7.1 Description and Application of Rates and Charges (Cont'd)

D. Application of Rates (Cont'd)

MO. PUBLIC SERVICE COMM.

(D)

CANCELLED

JAN 24 1994  
BY 2nd R.S. #242  
Public Service Commission  
MISSOURI

(D)

(3) AT&T Communications of the Southwest, Inc. (AT&T)  
subscribing to FGB:

Rates, including Local Switching apply to all FGB, FGC (T)  
and FGD usage at an end office for AT&T subscribing to  
FGB and either FGC or FGD originating and/or  
terminating at those end offices.

FILED

NOV 7 1993  
93 - 181  
MO. PUBLIC SERVICE COMM.

ISSUED:  
November 3, 1993

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
November 7, 1993

UNITED TELEPHONE COMPANY  
OF MISSOURI

Original Page 242

ACCESS SERVICE

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SEP 17 1992

6. Switched Access Service (Cont'd)

MISSOURI  
Public Service Commission

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates

The specific application of premium rates for a specific customer is dependent upon the Feature Group and the availability of equal access capabilities in the end office to which the service is provided.

The following rules provide the basis for applying the premium rates.

- (1) Premium rates apply to all FGC and FGD access minutes, to all FGA and FGB access minutes that originate from or terminate at end offices equipped with equal access (i.e., FGD) capabilities, and to all access minutes that originate or terminate at end offices not equipped with equal access capabilities when the service is provided to customers which furnish intrastate MTS/WATS.
- (2) When FGA or FGB Switched Access Service provided to an entry switch (i.e. dial tone office for FGA and access tandem for FGB) has usage originating from and/or terminating at both end offices that have been converted to equal access and end offices that have not been converted, the premium rates for Switched Access service including Carrier Common Line will apply.
- (3) AT&T Communications of the Southwest, Inc. (AT&T) subscribing to FGB:

Premium rates, including Local Switching - LS2, apply to all FGB, FGC and FGD usage at an end office for AT&T subscribing to FGB and either FGC or FGD originating and/or terminating at those end offices.

CANCELLED

NOV 7 1993  
BY *let R.S. # 242*  
Public Service Commission  
MISSOURI

FILED

NOV 7 1992

MO. PUBLIC SERVICE COMMISSION

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
~~October 1, 1992~~  
NOV 7 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(5) Interim 500 Access Service

A nonrecurring charge as specified in 6.8.7 following applies each time a change is made which involves the addition or deletion of 500 NXX codes to be routed to the customer. The charge is assessed per 500 NXX code added or deleted for each Telephone Company end office switch or access tandem in which translation changes are required. This charge applies to the initial loading of one or more 500 NXX codes required to establish service for the customer, and to any subsequent changes (i.e., additions or deletions) to those codes. There is also an Assembly of Route Pattern nonrecurring charge which applies once for each Telephone Company end office, but only on the customer's initial request to the Telephone Company for Interim 500 Access Service in each LATA, access tandem or end office.

(D) Application of Rates

Switched Transport and Local Switching rates are applied to all Feature Groups and Interim 500 Access, TFC and 900 Access Services.

(C)

CANCELLED - Missouri Public Service Commission - 07/14/2023 - IN-2023-0447 - YI-2024-0001

ISSUED:  
May 1, 2012

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

FILED  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

EFFECTIVE:  
July 3, 2012

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(5) Interim 500 Access Service

A nonrecurring charge as specified in 6.8.7 following applies each time a change is made which involves the addition or deletion of 500 NXX codes to be routed to the customer. The charge is assessed per 500 NXX code added or deleted for each Telephone Company end office switch or access tandem in which translation changes are required. This charge applies to the initial loading of one or more 500 NXX codes required to establish service for the customer, and to any subsequent changes (i.e., additions or deletions) to those codes. There is also an Assembly of Route Pattern nonrecurring charge which applies once for each Telephone Company end office, but only on the customer's initial request to the Telephone Company for Interim 500 Access Service in each LATA, access tandem or end office.

(D) Application of Rates

Local Transport and Local Switching rates are applied to all Feature Groups and Interim 500 Access, TFC and 900 Access Services.

ISSUED:  
March 30, 2007

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

EFFECTIVE:  
April 30, 2007

CANCELED  
July 1, 2012  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

**Filed**  
Missouri Public  
Service Commission

SPRINT MISSOURI, INC.  
d/b/a Sprint

Third Revised Page 242.1  
Cancels Second Revised Page 242.1  
Missouri Public

ACCESS SERVICE

REC'D JAN 07 2002

Service Commission

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(5) Interim 500 Access Service

A nonrecurring charge as specified in 6.8.7 following applies each time a change is made which involves the addition or deletion of 500 NXX codes to be routed to the customer. The charge is assessed per 500 NXX code added or deleted for each Telephone Company end office switch or access tandem in which translation changes are required. This charge applies to the initial loading of one or more 500 NXX codes required to establish service for the customer, and to any subsequent changes (i.e., additions or deletions) to those codes. There is also an Assembly of Route Pattern nonrecurring charge which applies once for each Telephone Company end office, but only on the customer's initial request to the Telephone Company for Interim 500 Access Service in **each LATA**, access tandem or end office.

(T)

(D) Application of Rates

Local Transport and Local Switching rates are applied to all Feature Groups and Interim 500 Access, TFC and 900 Access Services.

Missouri Public

FILED FEB 07 2002

Service Commission

ISSUED:  
January 7, 2002

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

EFFECTIVE:  
February 7, 2002

Cancelled

April 30, 2007  
Missouri Public  
Service Commission

SPRINT MISSOURI, INC.  
d/b/a Sprint

Second Revised Page 242.1  
Cancels First Revised Page 242.1

ACCESS SERVICE

Missouri Public  
Service Commission

6. Switched Access Service (Cont'd)

RECD NOV 29 2000

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(5) Interim 500 Access Service

A nonrecurring charge as specified in 6.8.7 following applies each time a change is made which involves the addition or deletion of 500 NXX codes to be routed to the customer. The charge is assessed per 500 NXX code added or deleted for each Telephone Company end office switch or access tandem in which translation changes are required. This charge applies to the initial loading of one or more 500 NXX codes required to establish service for the customer, and to any subsequent changes (i.e., additions or deletions) to those codes. There is also an Assembly of Route Pattern nonrecurring charge which applies once for each Telephone Company end office, but only on the customer's initial request to the Telephone Company for Interim 500 Access Service in each state, LATA, *access tandem or end office.*

(C)

(D) Application of Rates

Local Transport and Local Switching rates are applied to all Feature Groups and Interim 500 Access, TFC and 900 Access Services.

(C)

**CANCELLED**

FEB 07 2002

L. 3<sup>rd</sup> RP 242.1  
Public Service Commission  
MISSOURI

ISSUED:  
November 29, 2000

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

EFFECTIVE:  
December 29, 2000  
Missouri Public  
Service Commission

FILED DEC 29 2000

UNITED TELEPHONE COMPANY  
OF MISSOURI

First Revised Page 242.1  
Cancels Original Page 242.1

**RECEIVED**

ACCESS SERVICE

6. Switched Access Service (Cont'd)

MAR 27 1996

6.7 Rate Regulations (Cont'd)

MISSOURI

6.7.1 Description and Application of Rates and Charges Public Service Commission

(C) Nonrecurring Charges (Cont'd)

(5) Interim 500 Access Service

A nonrecurring charge as specified in 6.8.7 following applies each time a change is made which involves the addition or deletion of 500 NXX codes to be routed to the customer. The charge is assessed per 500 NXX code added or deleted for each Telephone Company end office switch or access tandem in which translation changes are required. This charge applies to the initial loading of one or more 500 NXX codes required to establish service for the customer, and to any subsequent changes (i.e., additions or deletions) to those codes. There is also an Assembly of Route Pattern nonrecurring charge which applies once for each Telephone Company end office, but only on the customer's initial request to the Telephone Company for Interim 500 Access Service in each state, LATA or access tandem.

(D) Application of Rates

Local Transport, Local Switching and the Information Surcharge rates are applied to all Feature Groups and Interim 500 Access, TFC and 900 Access Services.

(T)

**CANCELLED**

DEC 29 2000

By *2ND RP 242.1*  
Public Service Commission  
MISSOURI

**FILED**

APR 29 1996

MO. PUBLIC SERVICE COMM

ISSUED:  
March 27, 1996

BY: John L. Roe  
Vice President - Carrier and Regulatory Services  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
April 29, 1996

UNITED TELEPHONE COMPANY  
OF MISSOURI

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ACCESS SERVICE

**JAN 11 1995**

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

**MO. PUBLIC SERVICE COMM.**

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(5) Interim 500 Access Service

A nonrecurring charge as specified in 6.8.7 following applies each time a change is made which involves the addition or deletion of 500 NXX codes to be routed to the customer. The charge is assessed per 500 NXX code added or deleted for each Telephone Company end office switch or access tandem in which translation changes are required. This charge applies to the initial loading of one or more 500 NXX codes required to establish service for the customer, and to any subsequent changes (i.e., additions or deletions) to those codes. There is also an Assembly of Route Pattern nonrecurring charge which applies once for each Telephone Company end office, but only on the customer's initial request to the Telephone Company for Interim 500 Access Service in each state, LATA or access tandem.

(D) Application of Rates

Local Transport, Local Switching and the Information Surcharge rates are applied to all Feature Groups and Interim 500 Access, 800 and 900 Access Services.

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(D) (M)

**CANCELLED**

APR 29 1995  
BY 1st R.S. # 242.1  
Public Service Commission  
MISSOURI

**FILED**

**FEB 11 1995**

MISSOURI  
Public Service Commission  
EFFECTIVE:

ISSUE DATE:  
January 11, 1995

BY: John L. Roe  
Vice President - Carrier and Regulatory Services  
5454 West 110th Street  
Overland Park, Kansas 66211

February 11, 1995



ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

The Telephone Company will provide written notification to all access customers of record within a particular local calling area that an end office in that local calling area is scheduled to be converted to an equal access end office. This notification will be sent, via certified U.S. Mail, to each customer of record in the local calling area where the conversion is scheduled to occur, at least six months in advance of the conversion date.

The customer will have the choice of converting existing services to equal access (i.e., Feature Group D) at no charge pursuant to the conditions set forth in 6.7.6 following, or retaining the existing services. Rates will apply to the total access minutes beginning on the actual conversion date, whether the customer chooses to convert to FGD or retain existing services.

6.7.2 Minimum Period

Switched Access Service is provided for a minimum period of one month for Feature Groups A, B, C, Interim 500 Access Service, Toll Free Code (TFC) Access Service, and 900 Access Service, and three months for FGD.

6.7.3 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

CANCELLED - Missouri Public Service Commission - 07/14/2023 - IN-2023-0447 - YI-2024-0001

UNITED TELEPHONE COMPANY  
OF MISSOURI

Third Revised Page 243  
Cancels Second Revised Page 243

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

MAR 27 1996

6.7 Rate Regulations (Cont'd)

MISSOURI

6.7.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

The Telephone Company will provide written notification to all access customers of record within a particular local calling area that an end office in that local calling area is scheduled to be converted to an equal access end office. This notification will be sent, via certified U.S. Mail, to each customer of record in the local calling area where the conversion is scheduled to occur, at least six months in advance of the conversion date.

The customer will have the choice of converting existing services to equal access (i.e., Feature Group D) at no charge pursuant to the conditions set forth in 6.7.6 following, or retaining the existing services. Rates will apply to the total access minutes beginning on the actual conversion date, whether the customer chooses to convert to FGD or retain existing services.

6.7.2 Minimum Period

Switched Access Service is provided for a minimum period of one month for Feature Groups A, B, C, Interim 500 Access Service, Toll Free Code (TFC) Access Service, and 900 Access Service, and three months for FGD.

(T)

6.7.3 Reserved for Future Use

FILED

APR 23 1996

MISSOURI PUBLIC SERVICE COMMISSION

ISSUED:  
March 27, 1996

BY: John L. Roe  
Vice President - Carrier and Regulatory Services  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
April 29, 1996

Cancelled

April 30, 2007  
Missouri Public  
Service Commission

UNITED TELEPHONE COMPANY  
OF MISSOURI

Second Revised Page 243  
Cancels First Revised Page 243

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ACCESS SERVICE

JAN 11 1995

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

MO. PUBLIC SERVICE COMM.

6.7.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

The Telephone Company will provide written notification to all access customers of record within a particular local calling area that an end office in that local calling area is scheduled to be converted to an equal access end office. This notification will be sent, via certified U.S. Mail, to each customer of record in the local calling area where the conversion is scheduled to occur, at least six months in advance of the conversion date.

The customer will have the choice of converting existing services to equal access (i.e., Feature Group D) at no charge pursuant to the conditions set forth in 6.7.6 following, or retaining the existing services. Rates will apply to the total access minutes beginning on the actual conversion date, whether the customer chooses to convert to FGD or retain existing services.

6.7.2 Minimum Period

Switched Access Service is provided for a minimum period of one month for Feature Groups A, B, C, Interim 500 Access Service, 800 Access Service, and 900 Access Service, and three months for FGD.

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6.7.3 Reserved for Future Use

CANCELLED

APR 29 1995  
BY 3rd R.S. # 243  
Public Service Commission  
MISSOURI

FILED

FEB 11 1995

ISSUE DATE:  
January 11, 1995

BY: John L. Roe  
Vice President - Carrier and Regulatory Services  
5454 West 110th Street  
Overland Park, Kansas 66211

MISSOURI  
Public Service Commission  
EFFECTIVE  
January 11, 1995

ACCESS SERVICE

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6. Switched Access Service (Cont'd)

NOV 2 1993

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

MO. PUBLIC SERVICE COMM.

(D) Application of Rates (Cont'd)

The Telephone Company will provide written notification to all access customers of record within a particular local calling area that an end office in that local calling area is scheduled to be converted to an equal access end office. This notification will be sent, via certified U.S. Mail, to each customer of record in the local calling area where the conversion is scheduled to occur, at least six months in advance of the conversion date.

The customer will have the choice of converting existing services to equal access (i.e., Feature Group D) at no charge pursuant to the conditions set forth in 6.7.6 following, or retaining the existing services. Rates will apply to the total access minutes beginning on the actual conversion date, whether the customer chooses to convert to FGD or retain existing services. (T)

6.7.2 Minimum Period

Switched Access Service is provided for a minimum period of one month for Feature Groups A,B and C and three months for FGD.

6.7.3 Reserved for Future Use

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Public Service Commission  
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NOV 7 1993  
93 - 181  
MO. PUBLIC SERVICE COMM.

ISSUED:  
November 3, 1993

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
November 7, 1993

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ACCESS SERVICE

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**Public Service Commission**

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

The Telephone Company will provide written notification to all access customers of record within a particular local calling area that an end office in that local calling area is scheduled to be converted to an equal access end office. This notification will be sent, via certified U.S. Mail, to each customer of record in the local calling area where the conversion is scheduled to occur, at least six months in advance of the conversion date.

The customer will have the choice of converting existing services to equal access (i.e., Feature Group D) at no charge pursuant to the conditions set forth in 6.7.6 following, or retaining the existing services. Premium rates will apply to the total access minutes beginning on the actual conversion date, whether the customer chooses to convert to FGD or retain existing services.

6.7.2 Minimum Period

Switched Access Service is provided for a minimum period of one month for Feature Groups A,B and C and three months for FGD.

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ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
~~September 17, 1992~~  
NOV 7 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.4 Minimum Monthly Charge

Switched Access Service is subject to a minimum monthly charge. The minimum charge applies for the total capacity provided. The minimum monthly charge consists of the following elements:

For usage rated Switched Access Services, the minimum monthly charge for the Local Switching rate elements is the sum of the charges set forth in 6.8.3 following for the measured or assumed usage for the month. (C)

6.7.5 Reserved For Future Use

CANCELLED - Missouri Public Service Commission - 07/14/2023 - IN-2023-0447 - YI-2024-0001

ISSUED:  
May 1, 2012

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

EFFECTIVE:  
July 3, 2012

FILED  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.4 Minimum Monthly Charge

Switched Access Service is subject to a minimum monthly charge. The minimum charge applies for the total capacity provided. The minimum monthly charge consists of the following elements:

For usage rated Switched Access Services, the minimum monthly charge for the Local Switching rate elements is the sum of the charges set forth in 6.8.3(A), (B) and (C) following for the measured or assumed usage for the month.

6.7.5 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

CANCELED  
July 1, 2012  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

**Filed**  
Missouri Public  
Service Commission

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Second Revised Page 244  
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ACCESS SERVICE

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6. Switched Access Service (Cont'd)

Service Commission

6.7 Rate Regulations (Cont'd)

6.7.4 Minimum Monthly Charge

Switched Access Service is subject to a minimum monthly charge. The minimum charge applies for the total capacity provided. The minimum monthly charge consists of the following elements:

For usage rated Switched Access Services, the minimum monthly charge for the Local **Switching rate** elements is the sum of the charges set forth in 6.8.3(A), (B) and **(C) following** for the measured or assumed usage for the month.

(C)  
(C)

(D)

(D)

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ISSUED:  
January 7, 2002

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

EFFECTIVE:  
February 7, 2002

Cancelled

April 30, 2007  
Missouri Public  
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ACCESS SERVICE

6. Switched Access Service (Cont'd)

NOV 2 1993

6.7 Rate Regulations (Cont'd)

6.7.4 Minimum Monthly Charge

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Switched Access Service is subject to a minimum monthly charge. The minimum charge applies for the total capacity provided. The minimum monthly charge consists of the following elements:

For usage rated Switched Access Services, the minimum monthly charge for the Local Switching and Information Surcharge rate elements is the sum of the charges set forth in 6.8.3 and 6.8.6 following for the measured or assumed usage for the month. (T)

For the Local Transport rate element of usage rated Switched Access Services, the minimum monthly charge is assessed in terms of a Minimum Monthly Charge (MMUC). If the actual Local Transport usage charge for the month is higher than the MMUC, the customer pays the actual usage charge. If the Local Transport usage charge is lower than the MMUC, the customer pays the MMUC. The MMUC is determined as set forth in 6.7.5 following. Rates for actual usage are set forth in 6.8.2(A) following. (T)

6.7.5 Minimum Monthly Usage Charge (MMUC)

The MMUC (the minimum transport charge) varies by capacity. This charge applies only to Switched Access Services that are charged for on a usage sensitive basis.

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FEB 07 2002

2nd RP 244  
Public Service Commission  
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FILED

NOV 7 1993  
93 - 181

MO. PUBLIC SERVICE COMM.

ISSUED:  
November 3, 1993

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
November 7, 1993

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ACCESS SERVICE

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.4 Minimum Monthly Charge

Switched Access Service is subject to a minimum monthly charge. The minimum charge applies for the total capacity provided. The minimum monthly charge consists of the following elements:

For usage rated Switched Access Services, the minimum monthly charge for the Local Switching, Line Termination, Intercept and Information Surcharge rate elements is the sum of the charges set forth in 6.8.3(A), (B) and (C) and 6.8.6 following for the measured or assumed usage for the month.

For the Local Transport rate element of usage rated Switched Access Services, the minimum monthly charge is assessed in terms of a Minimum Monthly Charge (MMUC). If the actual Local Transport usage charge for the month is higher than the MMUC, the customer pays the actual usage charge. If the Local Transport usage charge is lower than the MMUC, the customer pays the MMUC. The MMUC is determined as set forth in 6.7.5 following. Rates for actual usage are set forth in 6.8.2(A) following.

6.7.5 Minimum Monthly Usage Charge (MMUC)

The MMUC (the minimum transport charge) varies by capacity. This charge applies only to Switched Access Services that are charged for on a usage sensitive basis.

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NOV 7 1993  
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NOV 7 1992

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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ISSUED:  
March 30, 2007

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

EFFECTIVE:  
April 30, 2007

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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January 7, 2002

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State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

EFFECTIVE:  
February 7, 2002

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6. Switched Access Service (Cont'd)

NOV 2 1993

6.7 Rate Regulations (Cont'd)

6.7.5 Minimum Monthly Usage Charge (MMUC) (Cont'd) MO. PUBLIC SERVICE COMM.

The MMUC is as follow:

<u>Mileage Bands</u>	<u>Minimum Transport Charge for FGC and FGD per BHMC*</u>	<u>Minimum Transport Charge for FGA and FGB per Line or Trunk</u>
0 - 4	\$0.50	\$0.50
Over 4 - 8	\$1.20	\$1.20
Over 8 -16	\$1.50	\$1.50
Over 16 - 25	\$1.80	\$1.80
Over 25 - 50	\$2.25	\$2.25
Over 50 - 100	\$3.08	\$3.08
Over 100 - 200	\$3.35	\$3.35
Over 200	ICB	ICB

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FEB 07 2002  
2nd RP 245  
Public Service Commission  
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NOV 7 1993  
93-181  
MO. PUBLIC SERVICE COMM.

ISSUED:  
November 3, 1993

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
November 7, 1993

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ACCESS SERVICE

SEP 17 1992

6. Switched Access Service (Cont'd)

MISSOURI PUBLIC SERVICE COMMISSION

6.7 Rate Regulations (Cont'd)

6.7.5 Minimum Monthly Usage Charge (MMUC) (Cont'd)

The MMUC is as follow:

<u>Mileage Bands</u>	<u>Premium Minimum Transport Charge for FGC and FGD per BHMC*</u>	<u>Premium Minimum Transport Charge for FGA and FGB per Line or Trunk</u>
0 - 4	\$0.50	\$0.50
Over 4 - 8	\$1.20	\$1.20
Over 8 -16	\$1.50	\$1.50
Over 16 - 25	\$1.80	\$1.80
Over 25 - 50	\$2.25	\$2.25
Over 50 - 100	\$3.08	\$3.08
Over 100 - 200	\$3.35	\$3.35
Over 200	ICB	ICB

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NOV 7 1992  
BY Let R. S. #245  
Public Service Commission  
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NOV 7 1992

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
~~October 17, 1992~~  
NOV 7 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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ISSUED:  
March 30, 2007

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

EFFECTIVE:  
April 30, 2007

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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Service Commission

ISSUED:  
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State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

EFFECTIVE:  
February 7, 2002

**Cancelled**

April 30, 2007  
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ACCESS SERVICE

SEP 17 1992

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.5 Minimum Monthly Usage Charge (MMUC) Cont'd

The MMUC billed to the customer for Feature Group C and Feature Group D when ordered in BHMCs will be based on the total number of BHMCs (by type of BHMC) provided in or out of the end office (by Feature Group). For Feature Group D ordered on a per trunk basis, the MMUC will be billed to the customer based on an assumed 30 BHMCs per trunk. For usage rated Feature Group A, the MMUC will be billed to the customer at the line or hunt group level or other level of account based on an assumed 30 BHMCs per line. For usage rated Feature Group B, the MMUC will be billed to the customer based on an assumed 30 BHMCs per trunk, by entry switch.

The MMUC is not applied to Feature Group A or Feature Group B services when an assumed average number of access minutes is used for both originating and terminating usage because actual measurement capabilities do not exist. In these cases, the customer will always be billed for the assumed average number of access minutes.

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FEB 07 2002

BY 1st RP 246  
Public Service Commission  
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NOV 7 1992

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
~~October 17, 1992~~  
NOV 7 1992

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.6 Change of Feature Group Type

Changes from one type of Feature Group to another will be treated as a discontinuance of one type of service and a start of another. Nonrecurring charges will apply, with two exceptions.

- (1) When a customer upgrades a Feature Group A or B service to a Feature Group D service, or establishes, Feature Group D service in lieu of upgrading FGB service to FGD, in order to receive originating Toll Free Code (TFC) Access service, the nonrecurring charges will not apply if the following conditions are met:
  - (a) The same customer premises is maintained, and
  - (b) The orders for the disconnect of the FGA or FGB service and the start of FGD service are placed with the Telephone Company at the same time, and
  - (c) The customer requests the same effective date for both the disconnect of service and start of service orders, or
  - (d) The customer requests the FGA or FGB service be disconnected no more than 90 days after the start of the FGD service.
- (2) When a FGC service is upgraded to a FGD service, the nonrecurring charge will not apply. Because FGC is no longer available in an end office once the end office is equipped with equal access capabilities, (i.e., FGD), such upgrades will be performed by the Telephone Company without the customer being required to place an order for the change.

ISSUED:  
March 30, 2007

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

EFFECTIVE:  
April 30, 2007

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6. Switched Access Service (Cont'd)

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6.7 Rate Regulations (Cont'd)

6.7.6 Change of Feature Group Type

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Changes from one type of Feature Group to another will be treated as a discontinuance of one type of service and a start of another. Nonrecurring charges will apply, with two exceptions.

- (1) When a customer upgrades a Feature Group A or B service to a Feature Group D service, or establishes, Feature Group D service in lieu of upgrading FGB service to FGD, in order to receive originating Toll Free Code (TFC) Access service, the nonrecurring charges will not apply if the following conditions are met:
  - (a) The same customer premises is maintained, and
  - (b) The orders for the disconnect of the FGA or FGB service and the start of FGD service are placed with the Telephone Company at the same time, and
  - (c) The customer requests the same effective date for both the disconnect of service and start of service orders, or
  - (d) The customer requests the FGA or FGB service be disconnected no more than 90 days after the start of the FGD service.
- (2) When a FGC service is upgraded to a FGD service, the nonrecurring charge will not apply. Because FGC is no longer available in an end office once the end office is equipped with equal access capabilities, (i.e., FGD), such upgrades will be performed by the Telephone Company without the customer being required to place an order for the change.

(T)

**FILED**

APR 29 1996

MO. PUBLIC SERVICE COMM

ISSUED:  
March 27, 1996

BY: John L. Roe  
Vice President - Carrier and Regulatory Services  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
April 29, 1996

Cancelled

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Original Page 247

ACCESS SERVICE

SEP 17 1992

6. Switched Access Service (Cont'd)

SEP 17 1992

6.7 Rate Regulations (Cont'd)

SEP 17 1992

6.7.6 Change of Feature Group Type

Changes from one type of Feature Group to another will be treated as a discontinuance of one type of service and a start of another. Nonrecurring charges will apply, with two exceptions.

- (1) When a customer upgrades a Feature Group A or B service to a Feature Group D service, or establishes, Feature Group D service in lieu of upgrading FGB service to FGD, in order to receive originating 800 Access service, the nonrecurring charges will not apply if the following conditions are met:
  - (a) The same customer premises is maintained, and
  - (b) The orders for the disconnect of the FGA or FGB service and the start of FGD service are placed with the Telephone Company at the same time, and
  - (c) The customer requests the same effective date for both the disconnect of service and start of service orders, or
  - (d) The customer requests the FGA or FGB service be disconnected no more than 90 days after the start of the FGD service.
- (2) When a FGC service is upgraded to a FGD service, the nonrecurring charge will not apply. Because FGC is no longer available in an end office once the end office is equipped with equal access capabilities, (i.e., FGD), such upgrades will be performed by the Telephone Company without the customer being required to place an order for the change.

**CANCELLED**

APR 29 1995  
BY let R.S. #247  
Public Service Commission  
MISSOURI

NOV 7 1992

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
~~October 1, 1992~~  
NOV 7 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.6 Change of Feature Group Type (Cont'd)

At the time the customer upgrades from FGA, FGB or FGC to FGD, the customer may also change the facility used to provide the upgraded service. This change will be made at no additional charge and may include a change in the connection type (e.g., Voice Grade to DS1) and/or a change in the facility type (e.g., Direct-Trunked Transport to Tandem-Switched Transport).

(N)  
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(N)

When the effective dates for the disconnect and start of service are the same, minimum period obligations will not change, (i.e., the time elapsed in the existing minimum period obligations will be credited to the minimum period obligations for FGD). When the effective dates for the disconnect and start of service are different, new minimum period obligations will be established for the FGD service. For all other changes from one type of Feature Group to another, new minimum period obligations will also be established.

CANCELLED - Missouri Public Service Commission - 07/14/2023 - IN-2023-0447 - YI-2024-0001

ISSUED:  
May 1, 2012

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

FILED  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

EFFECTIVE:  
July 3, 2012

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.6 Change of Feature Group Type (Cont'd)

When the effective dates for the disconnect and start of service are the same, minimum period obligations will not change, (i.e., the time elapsed in the existing minimum period obligations will be credited to the minimum period obligations for FGD). When the effective dates for the disconnect and start of service are different, new minimum period obligations will be established for the FGD service. For all other changes from one type of Feature Group to another, new minimum period obligations will also be established.

ISSUED:  
March 30, 2007

CANCELED  
July 1, 2012  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

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

EFFECTIVE:  
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ACCESS SERVICE

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.6 Change of Feature Group Type (Cont'd)

When the effective dates for the disconnect and start of service are the same, minimum period obligations will not change, (i.e., the time elapsed in the existing minimum period obligations will be credited to the minimum period obligations for FGD). When the effective dates for the disconnect and start of service are different, new minimum period obligations will be established for the FGD service. For all other changes from one type of Feature Group to another, new minimum period obligations will also be established.

NOV 7 1992

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
~~October 17, 1992~~  
NOV 7 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.7 Moves

A move involves a change in the physical location of one of the following:

- The point of termination at the customer's premises
- The customer's premises

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

(A) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one half of the nonrecurring (i.e., installation) charge for the capacity affected. There will be no change in the minimum period requirements.

ISSUED:  
March 30, 2007

Mark D. Harper  
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5454 W. 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
April 30, 2007

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.7 Moves

A move involves a change in the physical location of one of the following:

- The point of termination at the customer's premises
- The customer's premises

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

(A) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one half of the nonrecurring (i.e., installation) charge for the capacity affected. There will be no change in the minimum period requirements.

NOV 7 1992

ISSUED:  
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Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
~~September 17, 1992~~  
NOV 7 1992

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.7 Moves (Cont'd)

(B) Moves to a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new service. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

When moves to a different building occur simultaneously with rerouting trunks from tandem to end office or from end office to tandem transport, a charge equal to one half of the associated installation charges will apply.

(N)  
|  
(N)

6.7.8 Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Telephone Company at end office switches or access tandem switches. Originating and terminating calls will be measured (i.e., recorded or assumed) by the Telephone Company to determine the basis for computing chargeable access minutes. For terminating calls over FGA and FGB, FGC to TFC, and FGD, and for originating calls over FGB and FGD, the measured minutes are the chargeable access minutes. For originating calls over FGA and FGC, chargeable originating access minutes are derived from measured access minutes and through the use of Telephone Company factors. Chargeable access minutes are derived on an individual entity basis from measured terminating access minutes through application of a factor based on the Centralized Message Data System (CMDs) Report 809 Out + In/Out ratio minus 1.

When assumed minutes are used, the assumed minutes are the chargeable access minutes.

CANCELLED - Missouri Public Service Commission - 07/14/2023 - IN-2023-0447 - YI-2024-0001

ISSUED:  
May 1, 2012

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

FILED  
Missouri Public  
Service Commission  
TT-2012-0317, YI-2012-0635

EFFECTIVE:  
July 3, 2012

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.7 Moves (Cont'd)

(B) Moves to a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new service. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

6.7.8 Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Telephone Company at end office switches or access tandem switches. Originating and terminating calls will be measured (i.e., recorded or assumed) by the Telephone Company to determine the basis for computing chargeable access minutes. For terminating calls over FGA and FGB, FGC to TFC, and FGD, and for originating calls over FGB and FGD, the measured minutes are the chargeable access minutes. For originating calls over FGA and FGC, chargeable originating access minutes are derived from measured access minutes and through the use of Telephone Company factors. Chargeable access minutes are derived on an individual entity basis from measured terminating access minutes through application of a factor based on the Centralized Message Data System (CMD5) Report 809 Out + In/Out ratio minus 1.

When assumed minutes are used, the assumed minutes are the chargeable access minutes.

ISSUED:  
March 30, 2007

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

EFFECTIVE:  
April 30, 2007

CANCELED  
July 1, 2012  
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TT-2012-0317, YI-2012-0635

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6. Switched Access Service (Cont'd)

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6.7 Rate Regulations (Cont'd)

6.7.7 Moves (Cont'd)

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(B) Moves to a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new service. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

6.7.8 Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Telephone Company at end office switches or access tandem switches. Originating and terminating calls will be measured (i.e., recorded or assumed) by the Telephone Company to determine the basis for computing chargeable access minutes. For terminating calls over FGA and FGB, FGC to TFC, and FGD, and for originating calls over FGB and FGD, the measured minutes are the chargeable access minutes. For originating calls over FGA and FGC, chargeable originating access minutes are derived from measured access minutes and through the use of Telephone Company factors. Chargeable access minutes are derived on an individual entity basis from measured terminating access minutes through application of a factor based on the Centralized Message Data System (CMDS) Report 809 Out + In/Out ratio minus 1.

(T)

When assumed minutes are used, the assumed minutes are the chargeable access minutes.

FILED

APR 29 1996

MO. PUBLIC SERVICE COMM

ISSUED:  
March 27, 1996

BY: John L. Roe  
Vice President - Carrier and Regulatory Services  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
April 29, 1996

Cancelled

April 30, 2007  
Missouri Public  
Service Commission

UNITED TELEPHONE COMPANY  
OF MISSOURI

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ACCESS SERVICE

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SEP 17 1992

MO. PUBLIC SERVICE COMM.

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.7 Moves (Cont'd)

(B) Moves to a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new service. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

6.7.8 Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Telephone Company at end office switches or access tandem switches. Originating and terminating calls will be measured (i.e., recorded or assumed) by the Telephone Company to determine the basis for computing chargeable access minutes. For terminating calls over FGA and FGB, FGC to 800, and FGD, and for originating calls over FGB and FGD, the measured minutes are the chargeable access minutes. For originating calls over FGA and FGC, chargeable originating access minutes are derived from measured access minutes and through the use of Telephone Company factors. Chargeable access minutes are derived on an individual entity basis from measured terminating access minutes through application of a factor based on the Centralized Message Data System (CMDS) Report 809 Out + In/Out ratio minus 1.

When assumed minutes are used, the assumed minutes are the chargeable access minutes.

**CANCELLED**

APR 29 1996

BY let R.S. # 250  
Public Service Commission  
MISSOURI

NOV 7 1992

MO. PUBLIC SERVICE COMM.

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
~~SEP 17 1992~~  
NOV 7 1992