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#### **ACCESS SERVICE**

- 6. Switched Access Service (Cont'd)
  - 6.3 <u>Local Switching Optional Features</u> (where equipment is available) (Cont'd)
    - (FF) <u>Multifrequency Address Signaling</u>

This feature, available with FGB, FGC, and FGD, provides for the transmission of number information and control signals (e.g., number address signals, automatic number identification) between the end office switch and the customer's premises (in either direction). Multifrequency signaling arrangements make use of pairs of frequencies out of a group of six frequencies. Specific information transmitted is dependent upon feature group and call type (i.e., POTS, coin or operator). This feature is not available in combination with SS7 signaling.

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Director - State Regulatory
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# Missouri Public Servica Commission

### **ACCESS SERVICE**

6. Switched Access Service (Cont'd)

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- 6.3 Local Switching Optional Features (where equipment is available) (Cont'd)
  - (FF) Multifrequency Address Signaling

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This feature, available with FGB, FGC, and FGD, provides for the transmission of number information and control signals (e.g., number address signals, automatic number identification) between the end office switch and the customer's premises (in either direction). Multifrequency signaling arrangements make use of pairs of frequencies out of a group of six frequencies. Specific information transmitted is dependent upon feature group and call type (i.e., POTS, coin or operator). This feature is not available in combination with SS7 signaling.

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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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#### **ACCESS SERVICE**

# 6. <u>Switched Access Service</u> (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 <u>Standard Transmission Specifications</u>

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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#### **ACCESS SERVICE**

# 6. Switched Access Service (Cont'd)

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# 6.4 Transmission Specifications

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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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ACCESS SERVICE

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#### 6. Switched Access Service (Cont'd)

#### 6.4 Transmission Specifications

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

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#### **ACCESS SERVICE**

# 6. <u>Switched Access Service</u> (Cont'd)

# 6.4 <u>Transmission Specifications</u> (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 ±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:

Route Miles	<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) <u>C-Notch Noise</u>

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

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#### ACCESS SERVICE

#### 6. Switched Access Service (Cont'd)

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#### 6.4 Transmission Specifications (Cont'd)

6.4.1 Standard Transmission Specifications (Cont'd) W To Similarion Sion

#### (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 ±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:

Route Miles	C-Message Noise
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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#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.4 <u>Transmission Specifications</u> (Cont'd)
    - 6.4.1 <u>Standard Transmission Specifications</u> (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:

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

(B) Type B Transmission Specifications

Type B Transmission Specifications are provided with the following parameters:

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6. <u>Switched Access Service</u> (Cont'd)

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6.4 <u>Transmission Specifications</u> (Cont'd)

6.4.1 Standard Transmission Specifications (Cont'd) ( Cont'd) ( 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:

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

#### (B) Type B Transmission Specifications

Type B Transmission Specifications are provided with the following parameters:

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#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.4 <u>Transmission Specifications</u> (Cont'd)
    - 6.4.1 <u>Standard Transmission Specifications</u> (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) <u>C-Message Noise</u>

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

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

<sup>\*</sup> 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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6. Switched Access Service (Cont'd)

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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:

	C-Message Noise*	
Route Miles	Type B1	Type B2
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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6. Switched Access Service (Cont'd) SEP 17 1992

6.4 Transmission Specifications (Cont'd)

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- - (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 # 2.5

(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:

	C-Message	Noise*
Route Miles	Type Bl	Type B2
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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#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.4 <u>Transmission Specifications</u> (Cont'd)
    - 6.4.1 <u>Standard Transmission Specifications</u> (Cont'd)
      - (B) Type B Transmission Specifications (Cont'd)
        - (4) <u>C-Notch Noise</u>

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

### (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:

	Echo Return <u>Loss</u>	Singing Return Loss
POT to Access Tandem		
<ul> <li>Terminated in 4-Wire trunk</li> </ul>	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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6. Switched Access Service (Cont'd) SEP 17 1992

6.4 Transmission Specifications (Cont'd)

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6.4.1 Standard\_Transmission Specifications (Cont'd)

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

#### (4) C-Notch Noise

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

#### (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:

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

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### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.4 <u>Transmission Specifications</u> (Cont'd)
    - 6.4.1 <u>Standard Transmission Specifications</u> (Cont'd)
      - (B) Type B Transmission Specifications (Cont'd)
        - (5) Echo Control (Cont'd)

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

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6.4 <u>Transmission Specifications</u> (Cont'd)

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6.4.1 Standard Transmission Specifications (Cont'd)

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

# (5) <u>Echo Control</u> (Cont'd)

	Echo Return Loss	Singing Return Loss
- Via Access To For FGB access For FGC acceptations	ccess 8 dB	4 dB
Wire transmission posterior end of For FGC acceptations	ath fice) 16 dB ccess	11 dB
Wire tran mission pa at end of:	ath	6 dB

# (C) Type C Transmission Specifications

Type C Transmission Specifications are provided with the following parameters:

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#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.4 <u>Transmission Specifications</u> (Cont'd)
    - 6.4.1 <u>Standard Transmission Specifications</u> (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) <u>Attenuation Distortion</u>

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) <u>C-Message Noise</u>

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

	C-Message Noise*	
Route Miles	Type C1	Type C2
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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6. Switched Access Service (Cont'd)

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6.4 <u>Transmission Specifications</u> (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> </u>	
Route Miles	Type C1	Type C2
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
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Switched Access Service (Cont'd)

6.4 <u>Transmission Specifications</u> (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) <u>C-Message Noise</u>

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

	<u>C-Message</u>	Noise*
Route Miles	Type C1	Type C2
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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### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.4 <u>Transmission Specifications</u> (Cont'd)
    - 6.4.1 <u>Standard Transmission Specifications</u> (Cont'd)
      - (C) Type C Transmission Specifications (Cont'd)
        - (4) <u>C-Notch Noise</u>

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

(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:

	Echo	Singing
	Return	Return
	Loss	Loss
POT to End Office		
- Direct	13 dB	6 dB

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6.4 <u>Transmission Specifications</u> (Cont'd)

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6.4.1 Standard Transmission Specifications (Cont'd)

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

(4) <u>C-Notch Noise</u>

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

(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:

Echo	Singing
Return	Return
Loss	Loss

POT to End Office - Direct

13 dB

6 dB

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#### **ACCESS SERVICE**

- 6. Switched Access Service (Cont'd)
  - 6.4 <u>Transmission Specifications</u> (Cont'd)
    - 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) <u>Data Transmission Parameters Type DA</u>
  - (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 equal to or greater than 50 route miles 500 microseconds 900 microseconds

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6. <u>Switched Access Service</u> (Cont'd)

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6.4 <u>Transmission Specifications (Cont'd)</u>

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6.4.2 <u>Data Transmission Parameters</u>

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) <u>Data Transmission Parameters Type DA</u>

(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 equal to or greater than 50 route miles

500 microseconds 900 microseconds

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Vice President - Administration
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#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.4 <u>Transmission Specifications</u> (Cont'd)
    - 6.4.2 <u>Data Transmission Parameters</u> (Cont'd)
      - (A) Envelope Delay Distortion (Cont'd)
        - (2) <u>Data Transmission Parameters Type DA</u> (Cont'd)

1004 to 2404 Hz

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

# (3) <u>Impulse Noise Counts</u>

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

# (4) <u>Intermodulation Distortion</u>

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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6. Switched Access Service (Cont'd)

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6.4 <u>Transmission Specifications</u> (Cont'd)

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- 6.4.2 <u>Data Transmission Parameters</u> (Cont'd)
  - (A) <u>Envelope Delay Distortion</u> (Cont'd)
    - (2) <u>Data Transmission Parameters Type DA</u> (Cont'd)

1004 to 2404 Hz

less than 50 route miles equal to or greater than 50 route miles

200 microseconds 400 microseconds

(3) Impulse Noise Counts

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

(4) <u>Intermodulation Distortion</u>

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 50 peak-to-peak.

(6) Frequency Shift

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

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#### **ACCESS SERVICE**

# 6. <u>Switched Access Service</u> (Cont'd)

# 6.4 <u>Transmission Specifications</u> (Cont'd)

# 6.4.2 <u>Data Transmission Parameters</u> (Cont'd)

# (B) <u>Data Transmission Parameters Type DB</u> (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 equal to or greater than 50 route miles 800 microseconds 1000 microseconds

1004 to 2404 Hz

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

# (3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 67 dBrnCO 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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#### ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

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6.4 <u>Transmission Specifications</u> (Cont'd)

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- 6.4.2 Data Transmission Parameters (Cont'd)
  - (B) <u>Data Transmission Parameters Type DB</u> (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 equal to or greater than 50 route miles

800 microseconds 1000 microseconds

1004 to 2404 Hz

less than 50 route miles equal to or greater than 50 route miles

320 microseconds 500 microseconds

(3) <u>Impulse Noise Counts</u>

The Impulse Noise Counts exceeding a 67 dBrnCO threshold in 15 minutes is no more than 15 counts.

(4) <u>Intermodulation Distortion</u>

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

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

34 dB

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### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.4 <u>Transmission Specifications</u> (Cont'd)
    - 6.4.2 <u>Data Transmission Parameters</u> (Cont'd)
      - (B) <u>Data Transmission Parameters Type DB</u> (Cont'd)
        - (5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to  $7^{\circ}$  peak-to-peak.

(6) Frequency Shift

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

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#### ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

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6.4 <u>Transmission Specifications</u> (Cont'd)

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6.4.2 <u>Data Transmission Parameters</u> (Cont'd)

(B) <u>Data Transmission Parameters Type DB</u> (Cont'd)

(5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 70 peak-to-peak.

(6) Frequency Shift

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

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### ACCESS SERVICE

- 6. <u>Switched Access Service</u> (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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**ACCESS SERVICE** 

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:

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Switched Access Service (Cont'd)

6.4 <u>Transmission Specifications</u> (Cont'd)

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6.4.2 Reserved for Future Use

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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#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (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.

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#### ACCESS SERVICE

- 6. <u>Switched Access Service</u> (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.

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- 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. 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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#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.5 Obligations of the Telephone Company (Cont'd)
    - 6.5.2 <u>Design and Traffic Routing of Switched Access</u> (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,

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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)

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

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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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### 6. <u>Switched Access Service</u> (Cont'd)

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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#### **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.

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- 6. Switched Access Service (Cont'd)
  - 6.5 Obligations of the Telephone Company (Cont'd)
    - 6.5.3 <u>Provision of Service Performance Data</u> (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 <u>Determination of Number of Transmission Paths</u>

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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#### **ACCESS SERVICE**

6. <u>Switched Access Service</u> (Cont'd)

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6.5 Obligations of the Telephone Company (Cont'd)

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6.5.3 <u>Provision of Service Performance Data</u> (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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### 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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#### **ACCESS SERVICE**

- 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.

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- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.5 Obligations of the Telephone Company (Cont'd)

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6.5.5 <u>Determination of Number of Transmission Paths</u> (Cont'd)

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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

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### 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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- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.5 Obligations of the Telephone Company (Cont'd) Public Scrice Commission

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.

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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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#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.5 Obligations of the Telephone Company (Cont'd)
    - 6.5.7 <u>Design Blocking Probability</u> (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 <u>Measurements</u>	11-14 Measurements	7-10 Measurements	3-6 <u>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

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#### **ACCESS SERVICE**

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Switched Access Service (Cont'd)

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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

> 2 3 4 5-6 7 or more

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>
.070	.080.	.090	.140
.050	.060	.070	.090
.050	.060	.070	.080
.040	.050	.060	.070
.030	.035	.040	.060

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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



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#### ACCESS SERVICE

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- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.5 Obligations of the Telephone Company (Cont'd)

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- 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

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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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#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (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 <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

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#### ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

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6.5 Obligations of the Telephone Company (Cont'd)

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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

7 or more

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
.045	.055	.060	.095
.035	.040	.045	.060
.035	.040	.045	.055
.025	.035	.040	.045
.020	.025	.030	.040

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#### **ACCESS SERVICE**

### 6. <u>Switched Access Service</u> (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.

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#### ACCESS SERVICE

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#### 6. Switched Access Service (Cont'd)

#### Obligations of the Customer 6.6

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(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 PUBLIC SERVICE COMM. obligations are as follows:

#### 6.6.1 Report Requirements

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

#### Jurisdictional Reports (A)

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) <u>Interim 500 Access Service NXX Codes</u>

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 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, 111995

ISSUED: January 11, 1995

EFFECTIVE: February 11, 1995 BY: John L. Roe Vice President - Carrier and Regulatory Services MISSOUR! 5454 West 110th Street Public Service Commission Overland Park, Kansas 66211

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### Switched Access Service (Cont'd)

### 6.6 Obligations of the Customer (Cont'd)

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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.

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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. <u>Switched Access Service</u> (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 <u>Description and Application of Rates and Charges</u>

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

onthly 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.

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#### ACCESS SERVICE

#### 6. <u>Switched Access Service</u> (Cont'd)

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#### 6.6 Obligations of the Customer (Cont'd)

#### 6.6.1 Report Requirements (Cont'd)

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#### (D) <u>Interim 500 Access Service NXX Codes (Cont'd)</u>

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 <u>Supervisory Signaling</u>

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.

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BY: John L. Roe February Mini 1995
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6. <u>Switched Access Service</u> (Cont'd)

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6.6 Obligations of the Customer (Cont'd)

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6.6.2 <u>Supervisory Signaling</u>

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

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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 Chargest Service Commission
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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.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 Embarq Missouri, Inc. d/b/a Embarq

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#### **ACCESS SERVICE**

### 6. <u>Switched Access Service</u> (Cont'd)

#### 6.7 Rate Regulations (Cont'd)

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

### (B) <u>Usage Rates</u>

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) <u>Installation of Service</u>

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) <u>Installation of Optional Features</u>

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.

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#### **ACCESS SERVICE**

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- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)

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- 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.

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### (2) <u>Installation of Optional Features</u>

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.

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ISSUED: January 7, 2002 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101

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#### 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 (Cont'd)

#### (B) <u>Usage Rates</u>

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.

#### Installation of Service (1)

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).

#### Installation of Optional Features (2)

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.

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#### 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.

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#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.1 <u>Description and Application of Rates and Charges</u> (Cont'd)
      - (C) Nonrecurring Charges (Cont'd)
        - (3) <u>Service Rearrangements</u>

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.

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6.7.1 <u>Description and Application of Rates and Charges</u> (Cont'd)

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)

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- - (3) Service Rearrangements

Nonrecurring Charges (Cont'd)

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.

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#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.1 Description and Application of Rates and Charges (Cont'd)
      - (C) <u>Nonrecurring Charges</u> (Cont'd)
        - (3) <u>Service Rearrangements</u> (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



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ACCESS SERVICE

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6. Switched Access Service (Cont'd)

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- 6.7 Rate Regulations (Cont'd)
  - 6.7.1 <u>Description and Application of Rates and Charges</u> (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

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ISSUED:

Cancelled

April 30, 2007 Missouri Public Service Commission

September 17, 1992

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

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Embarq Missouri, Inc. d/b/a Embarq

Fourth Revised Page 241 Cancels Third Revised Page 241

#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.1 <u>Description and Application of Rates and Charges</u> (Cont'd)
      - (C) <u>Nonrecurring Charges</u> (Cont'd)
        - (3) <u>Service Rearrangements</u> (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 SSPequipped 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



Third Revised Page 241 Cancels Second Revised Page 241

ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

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6.7 <u>Rate Regulations</u> (Cont'd)

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

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- (C) Nonrecurring Charges (Cont'd)
  - (3) <u>Service rearrangements</u> (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.

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

Second Revised Page 241 Cancels First Revised Page 241

#### ACCESS SERVICE

б. Switched Access Service (Cont'd) NOV 2 1993

6.7 Rate Regulations (Cont'd)

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- 6.7.1 <u>Description and Application of Rates and Charges</u> (Cont'd)
  - (C) Nonrecurring Charges (Cont'd)
    - (3) Service rearrangements (Cont'd)

All other service rearrangements will be charged for as follows:

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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.

#### (D) Application of Rates

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

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ISSUED: November 3, 1993

BY: John L. Roe 1989vember 7, 1993 Vice President - Administration

5454 West 110th Street Overland Park, Kansas 662 MO. PUBLIC SERVICE COMM.

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First Revised Page 241 Cancels Original Page 241

#### ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

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6.7 Rate Regulations (Cont'd)

MAR 31 1993

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

(C) Nonrecurring Charges (Cont'd)

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(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).

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BY Service Commission

Service rearrangements to redirect traffic from direct (N) 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, End Office (i.e., Local Switching, Line Termination and Intercept) and the Information Surcharge rate are applied as premium rates.

11AY 0 1 1993

MO. PUBLIC SERVICE COMM.

ISSUED: March 31, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: May 1, 1993

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ACCESS SERVICE

### 6. <u>Switched Access Service</u> (Cont'd)

### 6.7 Rate Regulations (Cont'd)

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

#### (C) Nonrecurring Charges (Cont'd)

#### (3) <u>Service rearrangements</u> (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.

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Public Service Commission
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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

NOV 7 1992

Embarq Missouri, Inc. d/b/a Embarq

Second Revised Page 241.1 Cancels First Revised Page 241.1

#### **ACCESS SERVICE**

- 6. Switched Access Service (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.1 <u>Description and Application of Rates and Charges</u> (Cont'd)
      - (C) Nonrecurring Charges (Cont'd)
        - (3) <u>Service Rearrangements</u> (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





First Revised Page 241.1 Cancels Original Page 241.1

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#### ACCESS SERVICE

Switched Access Service (Cont'd) 6.

MAR 27 1988

- 6.7 Rate Regulations (Cont'd)
  - 6.7.1 Description and Application of Rates anducharges,
    - (C) Nonrecurring Charges (Cont'd)
      - Service Rearrangements (Cont'd) (3)
        - The customer must place the order to connect at the SSP-equipped tandem (c) 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 SSPequipped tandem.
        - (d) Orders to install at the SSPequipped 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.

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EFFECTIVE: April 29, 1996

ISSUED:

March 27, 1996

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

Cancelled April 30, 2007 Missouri Public Service Commission

#### ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

DEC 23 1993

6.7 Rate Regulations (Cont'd)

MISSOURI
6.7.1 Description and Application of Rates and Charges Commission

- (C) Nonrecurring Charges (Cont'd)
  - (3) <u>Service rearrangements</u> (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.

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Public Service Commission

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JAN 241994

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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

Seventh Revised Page 242 Cancels Sixth Revised Page 242

# **ACCESS SERVICE**

- Switched Access Service (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.1 <u>Description and Application of Rates and Charges</u> (Cont'd)
      - (C) Nonrecurring Charges (Cont'd)
        - (3) <u>Service Rearrangements</u> (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





SPRINT MISSOURI, INC. d/b/a SPRINT

Sixth Revised Page 242
Cancels Fifth Revised Page 242
Missouri Public

# ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

6.7 Rate Regulations (Cont'd)

REC'D JAN 07 2002

Service Commission

- 6.7.1 <u>Description and Application of Rates and Charges</u> (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.

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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

SPRINT MISSOURI, INC. d/b/a SPRINT

Fifth Revised Page 242 Cancels Fourth Revised Page 242

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

**REC'D 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)
      - (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

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Public Service Commission
MISSOURI

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)

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

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### ACCESS SERVICE

### б. Switched Access Service (Cont'd)

MAR 27 1998

Rate Regulations (Cont'd)

# 6.7.1 Description and Application of Rates and Charges Service Commission

#### Nonrecurring Charges (Cont'd) (C)

# 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

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DEC 2 9 2000 Public Service Commission MISSOURI

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 those codes. There is also an Assembly of Route Pattern nonrecurring charge which applies once for each Telephone Company 1996 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.

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 (T)

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Third Revised Page 242 Cancels Second Revised Page

# ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

JAN 11 1995

6.7 Rate Regulations (Cont'd)

# 6.7.1 Description and Application of Rates and Challe PUBLIC STAVICE COMM.

#### (C) Nonrecurring Charges (Cont'd)

#### (3) <u>Service Rearrangements</u> (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).

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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 vice Commission traffic, customers will be allowed to rearrange 800 traffic from rearrange 800 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 or access tandem. FEB 11 1995

ISSUE DATE: January 11, 1995 BY: John L. Roe FebruarsSHUH1995
Vice President - Carrier and Regulatory Service Commission Overland Park, Kansas 66211

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Second Revised Page 242 Cancels First Revised Page 242

### ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)

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- 6.7.1 Description and Application of Rates and Charges Decompt 3d 1993
  - (3) <u>Service rearrangements</u> (Cont'd) MISSOURI
    Public Service Commission
    - 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).

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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 of FGD originating and/or terminating at those end offices. (M)

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ISSUE DATE: December 23, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

First Revised Page 242 Cancels Original Page 242

ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

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6.7 Rate Regulations (Cont'd)

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

D. Application of Rates (Cont'd)

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(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.

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ISSUED: November 3, 1993 BY: John L. Roe
Vice President - Administration
5454 West 110th Street
Overland Park, Kansas 66211

EFFECTIVE: November 7, 1993

Original Page 242

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ACCESS SERVICE

SEP 17 1992

6. Switched Access Service (Cont'd)

> 6.7 Rate Regulations (Cont'd)

MISSOURI Public Service Commissio

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.

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BY Let R.S. #242 Public Service Commission MISSOURI

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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

Embarq Missouri, Inc. d/b/a Embarq

Fourth Revised Page 242.1 Cancels Third Revised Page 242.1

# **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.1 Description and Application of Rates and Charges (Cont'd)
      - (C) <u>Nonrecurring Charges</u> (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



SPRINT MISSOURI, INC. d/b/a Sprint

Third Revised Page 242.1 Cancels Second Revised Page 242.1 Missouri Public

# **ACCESS SERVICE**

- 6. Switched Access Service (Cont'd)
  - 6.7 Rate Regulations (Cont'd)

REC'D JAN 07 2002

Service Commission

- 6.7.1 <u>Description and Application of Rates and Charges</u> (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.

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# (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.

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Service Commission

ISSUED: January 7, 2002 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: February 7, 2002

SPRINT MISSOURI, INC. d/b/a Sprint

Second Revised Page 242.1 Cancels First Revised Page 242.1

# Misseuri Public Service Commission

**ACCESS SERVICE** 

Switched Access Service (Cont'd)

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- 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.

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- (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.

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Public Service Commission
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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

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### ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

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6.7 <u>Rate Regulations</u> (Cont'd)

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6.7.1 Description and Application of Rates and Chair Estrong 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.

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Public Service Commission
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ISSUED:

March 27, 1996

Vice President - Carrier and Regulatory Services
5454 West 110th Street

Overland Park, Kansas 66211

EFFECTIVE: April 29, 1996

### ACCESS SERVICE

Switched Access Service (Cont'd)

**JAN 11 1995** 

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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Public Service Commission

FFB 11 1995

MISSOURI Public Service Commission

ISSUE DATE: January 11, 1995

BY: John L. Roe February 11, 1995 Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

Embarq Missouri, Inc. d/b/a Embarq

Fourth Revised Page 243 Cancels Third Revised Page 243

# **ACCESS SERVICE**

# 6. <u>Switched Access Service</u> (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



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### ACCESS SERVICE

6. Switched Access Service (Cont'd)

MAR 27 1983

- 6.7 Rate Regulations (Cont'd)
  - MISSOURI 6.7.1 Description and Application of Rates and Charges (Cont. d) SSICE
    - (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

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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

Second Revised Page 243
Cancels First Revised Page 243

ACCESS SERVICE

JAN 11 1995

- 6. <u>Switched Access Service</u> (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

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Public Service Commission
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FEB 11 1995

ISSUE DATE: January 11, 1995 BY: John L. Roe Public Saw Coll Off Byssion

Vice President - Carrier and Regulatory Services

5454 West 110th Street

Overland Park, Kansas 66211

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### ACCESS SERVICE

# 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 (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 and C and three months for FGD.

6.7.3 Reserved for Future Use

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NOV 7 1393 937 - 1881 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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6. <u>Switched Access Service</u> (Cont'd)

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- 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.

6.7.3 Reserved for Future Use

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MO. PUBLIC SERVICE COMM.

ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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Embarq Missouri, Inc. d/b/a Embarq

Third Revised Page 244 Cancels Second Revised Page 244

# **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (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





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Second Revised Page 244 Cancels First Revised Page 244

Missouri Public

# **ACCESS SERVICE**

6. Switched Access Service (Cont'd)

REC'D JAN 07 2002

6.7 Rate Regulations (Cont'd)

Service Commission

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.

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6.7.5 Reserved For Future Use

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Service Commission

ISSUED: January 7, 2002 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: February 7, 2002

ACCESS SERVICE

First Revised Page 244
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6. <u>Switched Access Service</u> (Cont'd)

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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.

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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FEB 07 2002 2 No RP 244 Public Service Commission MISSOURI

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NOV 7 1393 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

### 6. Switched Access Service (Cont'd)

### Rate Regulations (Cont'd) 6.7

# 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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BY lot R.S. # 244 Public Service Commission MISSOURI

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Embarq Missouri, Inc. d/b/a Embarq

Third Revised Page 245 Cancels Second Revised Page 245

# ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)

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ISSUED: March 30, 2007 Mark D. Harper Director - State Regulatory 5454 W. 110th Street Overland Park, Kansas 66211





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ACCESS SERVICE

6. Switched Access Service (Cont'd)

REC'D JAN 07 2002

6.7 Rate Regulations (Cont'd)

Service Commission

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Grylce Commission

Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: February 7, 2002

ISSUED: January 7, 2002

First Revised Page 245
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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 <u>Rate Regulations</u> (Cont'd)

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6.7.5 Minimum Monthly Usage Charge (MMUC) (Cont'd) FUBLIS CITTLE GUALT.

The MMUC is as follow:

	Minimum Transport Charge	Minimum Transport Charge
Mileage	for FGC and FGD	for FGA and FGB
Bands	per BHMC*	per Line or Trunk
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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ACCESS SERVICE

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- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 <u>Rate Regulations</u> (Cont'd)

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

The MMUC is as follow:

	Premium Minimum Transport Charge	Premium Minimum Transport Charge
Mileage	for FGC and FGD	for FGA and FGB
<u>Bands</u>	per BHMC*	per Line or Trunk
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	1CB

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BY Jot R. S. #145
Public Service Commission
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# ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)

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**ACCESS SERVICE** 

6. Switched Access Service (Cont'd) REC'D JAN 07 2002

6.7 Rate Regulations (Cont'd) Service Commission

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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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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.7 <u>Rate Regulations</u> (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 as 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 no exist. In these cases, the customer will always be billed for the assumed average number of access minutes.

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# **ACCESS SERVICE**

- 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



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6. Switched Access Service (Cont'd)

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Rate Regulations (Cont'd) 6.7

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:

(T)

- (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
- The customer requests the same effective date for both the disconnect of service and start of (c) 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.
- When a FGC service is upgraded to a FGD service, the nonrecurring charge will not apply. Because FGC is no (2) 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.

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MO. PUBLIC SERVICE COMM

EFFECTIVE: April 29, 1996

ISSUED:

BY: John L. Roe Vice President - Carrier and Regulatory Services

5454 West 110th Street Overland Park, Kansas 66211

March 27, 1996

Cancelled April 30, 2007 Missouri Public

Service Commission

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ACCESS SERVICE

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6. Switched Access Service (Cont'd)

> 6.7 Rate Regulations (Cont'd)

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# 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:
  - The same customer premises is maintained, and (a)
  - (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,
  - The customer requests the FGA or FGB service be (d) disconnected no more than 90 days after the start of the FGD service.

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(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 proce an order for the change.

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ISSUED: September 17, 1992

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

EFFECTIVE: "CCCOPOT TO LONG. NOV 7 1992

Embarq Missouri, Inc. d/b/a Embarq

First Revised Page 248 Cancels Original Page 248

# **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (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 Mark D. Harper
Director - State Regulatory
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## ACCESS SERVICE

- 6. <u>Switched Access Service</u> (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: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE:

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First Revised Page 249 Cancels Original Page 249

# **ACCESS SERVICE**

# 6. <u>Switched Access Service</u> (Cont'd)

# 6.7 Rate Regulations (Cont'd)

# 6.7.7 <u>Moves</u>

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.

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ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

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6.7 Rate Regulations (Cont'd)

6.7.7 <u>Moves</u>

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.

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#### **ACCESS SERVICE**

### 6. <u>Switched Access Service</u> (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 (CMDS) Report 809 Out + In/Out ratio minus

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

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- б. Switched Access Service (Cont'd)
  - Rate Regulations (Cont'd) 6.7

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6.7.7 Moves (Cont'd)

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Moves to a Different Building (B)

> 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.

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

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EFFECTIVE: April 29, 1996

ISSUED:

March 27, 1996

BY: John L. Roe

Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

Cancelled April 30, 2007 Missouri Public Service Commission

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6. <u>Switched Access Service</u> (Cont'd)

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6.7 <u>Rate Regulations</u> (Cont'd)

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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.

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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. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.8 Measuring Access Minutes (Cont'd)

Usage rated FGA access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each line or hunt group, and are then rounded up to the nearest access minute for each line or hunt group. Usage rated FGB, FGC and FGD access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each end office, and are then rounded up to the nearest access minute for each end office.

Assumed minutes are used for FGA and FGB services which originate or terminate in end offices not equipped with measurement capabilities.

Where originating and/or terminating recording capability does not exist for FGA, the number of access minutes will be assumed to be 3080 access minutes per line if the line is arranged for two way calling, 1629 access minutes per line if the line is arranged for originating only calling, and 1451 access minutes per line if the line is arranged for termination only calling. When the line is arranged for two way calling and there is no recording capability for either direction, 1629 access minutes will be assumed to originating and 1451 access minutes will be assumed to be terminating. Where recording capability exists for either originating or terminating usage, but not both, on a line arranged for two way calling, the number of access minutes per line will be an assumed 3080 or the recorded usage, whichever is greater. If the usage in the measured direction exceeds 3080 access minutes, it will be assumed that there is zero usage in the unmeasured direction. If the measured usage is less than 3080 access minutes, the usage in the unmeasured direction will be assumed to be 3080 access minutes minus the measured usage (e.g., 3080-2000 measured = 1080 assumed in the unmeasured direction).

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Director - State Regulatory
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Overland Park, Kansas 66211



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### ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 <u>Rate Regulations</u> (Cont'd)
    - 6.7.8 Measuring Access Minutes (Cont'd)

Usage rated FGA access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each line or hunt group, and are then rounded up to the nearest access minute for each line or hunt group. Usage rated FGB, FGC and FGD access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each end office, and are then rounded up to the nearest access minute for each end office.

Assumed minutes are used for FGA and FGB services which originate or terminate in end offices not equipped with measurement capabilities.

Where originating and/or terminating recording capability does not exist for FGA, the number of access minutes will be assumed to be 3080 access minutes per line if the line is arranged for two way calling, 1629 access minutes per line if the line is arranged for originating only calling, and 1451 access minutes per line if the line is arranged for termination only calling. When the line is arranged for two way calling and there is no recording capability for either direction , 1629 access minutes will be assumed to originating and 1451 access minutes will be assumed to be terminating. Where recording capability exists for either originating or terminating usage, but not both, on a line arranged for two way calling, the number of access minutes per line will be an assumed 3080 or the recorded usage, whichever is greater. If the usage in the measured direction exceeds 3080 access minutes, it will be assumed that there is zero usage in the unmeasured direction. If the measured usage is less than 3080 access minutes, the usage in the unmeasured direction will be assumed to be 3080 access minutes minus the measured usage (e.g., 3080-2000 measured = 1080 assumed in the unmeasured direction).

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#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.8 Measuring Access Minutes (Cont'd)

Where originating and/or terminating recording capability does not exist for FGB provided to an entry switch, the number of access minutes will be assumed to be 9000 access minutes per trunk if the trunk is arranged for two way calling, and 4500 access minutes per trunk if the trunk is arranged for one way calling. When the trunk is arranged for one way calling and there is no recording capability for either direction, 4500 access minutes will be assumed to be originating and 4500 access minutes will be assumed to terminating. Where recording capability exists for either originating or terminating usage, but not both, on a trunk arranged for two way calling, the number of access minutes per trunk will be an assumed 9000 or the recorded usage, whichever is greater. If the usage in the measured direction exceeds 9000 access minutes, it will be assumed that there is zero usage in the unmeasured direction. If the measured usage is less than 9000 access minutes, the usage in the unmeasured direction will be assumed to be 9000 access minutes minus the measured usage (e.g., 9000 - 6000 measured = 3000 assumed in unmeasured direction).

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.8 Measuring Access Minutes (Cont'd)

Where originating and/or terminating recording capability does not exist for FGB provided to an entry switch, the number of access minutes will be assumed to be 9000 access minutes per trunk if the trunk is arranged for two way calling, and 4500 access minutes per trunk if the trunk is arranged for one way calling. When the trunk is arranged for one way calling and there is no recording capability for either direction, 4500 access minutes will be assumed to be originating and 4500 access minutes will be assumed to terminating. Where recording capability exists for either originating or terminating usage, but not both, on a trunk arranged for two way calling, the number of access minutes per trunk will be an assumed 9000 or the recorded usage, whichever is greater. If the usage in the measured direction exceeds 9000 access minutes, it will be assumed that there is zero usage in the unmeasured direction. If the measured usage is less than 9000 access minutes, the usage in the unmeasured direction will be assumed to be 9000 access minutes minus the measured usage (e.g., 9000 - 6000 measured = 3000 assumed in unmeasured direction).

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

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#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.8 Measuring Access Minutes (Cont'd)
      - (A) Feature Group A Usage Measurement

For originating calls over FGA, usage measurement begins when the originating FGA entry switch receives an off-hook supervisory signal forwarded from the customer's point of termination.

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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 <u>Rate Regulations</u> (Cont'd)
    - 6.7.8 Measuring Access Minutes (Cont'd)
      - (A) Feature Group A Usage Measurement

For originating calls over FGA, usage measurement begins when the originating FGA entry switch receives an off-hook supervisory signal forwarded from the customer's point of termination.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE: NOV 7 1992

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#### **ACCESS SERVICE**

- Switched Access Service (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.8 Measuring Access Minutes (Cont'd)
      - (A) Feature Group A Usage Measurement (Cont'd)

The measurement of originating call usage over FGA ends when the originating FGA entry switch receives an on-hook supervisory signal from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over FGA, usage measurement begins when the terminating FGA entry switch receives an off-hook supervisory signal from the terminating end user's end office, indicating the terminating end user has answered. The measurement of terminating call usage over FGA ends when the terminating FGA entry switch receives an on-hook supervisory signal from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

### (B) Feature Group B Usage Measurement

For originating calls over FGB, usage measurement begins when the originating FGB entry switch receives answer supervision forwarded from the customer's point of termination, indicating the customer's equipment has answered.

The measurement of originating call usage over FGB ends when the originating FGB entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

ISSUED: March 30, 2007 Mark D. Harper Director - State Regulatory 5454 W. 110th Street Overland Park, Kansas 66211



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### Switched Access Service (Cont'd)

#### 6.7 <u>Rate Regulations</u> (Cont'd)

### 6.7.8 Measuring Access Minutes (Cont'd)

#### (A) Feature Group A Usage Measurement (Cont'd)

The measurement of originating call usage over FGA ends when the originating FGA entry switch receives an on-hook supervisory signal from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over FGA, usage measurement begins when the terminating FGA entry switch receives an off-hook supervisory signal from the terminating end user's end office, indicating the terminating end user has answered. The measurement of terminating call usage over FGA ends when the terminating FGA entry switch receives an on-hook supervisory signal from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

#### (B) Feature Group B Usage Measurement

For originating calls over FGB, usage measurement begins when the originating FGB entry switch receives answer supervision forwarded from the customer's point of termination, indicating the customer's equipment has answered.

The measurement of originating call usage over FGB ends when the originating FGB entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

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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**

#### Switched Access Service (Cont'd)

#### 6.7 Rate Regulations (Cont'd)

#### 6.7.8 Measuring Access Minutes (Cont'd)

#### (B) Feature Group B Usage Measurement (Cont'd)

For terminating calls over FGB, usage measurement begins when the terminating FGB entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over FGB ends when the terminating FGB entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

### (C) Feature Group C Usage Measurement

For originating calls over FGC, usage measurement begins when the originating FGC entry switch receives answer supervision from the customer's point of termination, indicating that the called party has answered.

The measurement of originating call usage over FGC ends when the originating FGC entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over FGC to services other than TFC, 900 or Directory Assistance, terminating FGC usage may not be directly measured at the terminating entry switch, but may be imputed from originating usage, excluding usage from calls to TFC, 900 or Directory Assistance Services. Actual measured usage will be used where available rather than an imputed value.

For terminating calls over FGC to TFC Service, usage measurement begins when the terminating FGC entry switch receives answer supervision from the terminating end user's end office, indicating the terminating TFC Service end user has answered.

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#### ACCESS SERVICE

#### Switched Access Service (Cont'd) 6.

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#### 6.7 Rate Regulations (Cont'd)

6.7.8 Measuring Access Minutes (Cont'd)

MISSOURI Public Service Commission

#### (B) Feature Group B Usage Measurement (Cont'd)

For terminating calls over FGB, usage measurement begins when the terminating FGB entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has

The measurement of terminating call usage over FGB ends when the terminating FGB entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

#### (C) Feature Group C Usage Measurement

For originating calls over FGC, usage measurement begins when the originating FGC entry switch receives answer supervision from the customer's point of termination, indicating that the called party has answered.

The measurement of originating call usage over FGC ends when the originating FGC entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over FGC to services other than TFC, 900 or Directory Assistance, terminating FGC usage may not be directly measured at the terminating entry switch, but may be imputed from originating usage, excluding usage from calls to TFC, 900 or Directory Assistance Services. Actual measured usage will be used where available rather than an imputed value.

For terminating calls over FGC to TFC Service, usage measurement begins when the terminating FGC entry switch receives answer supervision from the terminating end user's end office, indicating the terminating TFC Service end user has answered.

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April 29, 1996

March 27, 1996

BY: John L. Roe Vice President - Carrier and Regulatory Services 5454 West 110th Street

Overland Park, Kansas 66211

ISSUED:

Cancelled April 30, 2007 Missouri Public Service Commission

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ACCESS SERVICE

#### 6. Switched Access Service (Cont'd)

#### 6.7 Rate Regulations (Cont'd)

### 6.7.8 Measuring Access Minutes (Cont'd)

#### (B) Feature Group B Usage Measurement (Cont'd)

For terminating calls over FGB, usage measurement begins when the terminating FGB entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over FGB ends when the terminating FGB entry switch receives disconnect supervision from either the terminating end user; office, indicating the terminating end usem 1 disconnected, or the customer's point of termination, whichever is recognized first by the entry switch. APR 2 9 1996

#### (C) Feature Group C Usage Measurement

For originating calls over FGC, usage measurement the commission when the originating FGC entry switch receives the called party become indicating that the called party becomes a control of the called party becomes a called party because a called party becomes a control of the called party because a ca

The measurement of originating call usage over FGC ends when the originating FGC entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

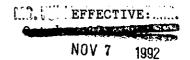
For terminating calls over FGC to services other than 800, 900 or Directory Assistance, terminating FGC usage may not be directly measured at the terminating entry switch, but may be imputed from originating usage, excluding usage from calls to 800, 900 or Directory Assistance Services. Actual measured usage will be used where available rather than an imputed value.

For terminating calls over FGC to 800 Service, usage measurement begins when the terminating FGC entry switch receives answer supervision from the terminating end user's end office, indicating the terminating 800 Service end user has answered.

KOV 71892

ISSUED: September 17, 1992

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



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#### **ACCESS SERVICE**

#### Switched Access Service (Cont'd)

#### 6.7 Rate Regulations (Cont'd)

#### 6.7.8 Measuring Access Minutes (Cont'd)

#### (C) Feature Group C Usage Measurement (Cont'd)

The measurement of terminating call usage over FGC to TFC Service ends when the terminating FGC entry switch receives an on-hook supervisory signal from the terminating end user's end office, indicating the terminating TFC Service end user has disconnected, or from the customer's point of termination, whichever is recognized first by the entry switch.

### (D) <u>Feature Group D Usage Measurement</u>

For originating calls over FGD, usage measurement begins when the originating FGD entry switch receives the first wink supervisory signal forwarded from the customer's point of termination.

The measurement of originating call usage over FGD ends when the originating FGD entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over FGD, the measurement of access minutes begins when the terminating FGD entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over FGD ends when the terminating FGD entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

#### (E) Toll Free Code (TFC) Access Service Usage Measurement

Usage measurement from non-equal access and equal access end offices without the customer identification function begins when the originating end office switch receives off-hook supervision forwarded from the customer's point of termination, indicating the transmitted digits have been received, except for FGC as stated following.

Usage measurement for FGC begins when the originating end office receives off-hook answer supervision

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#### ACCESS SERVICE

#### 6. <u>Switched Access Service</u> (Cont'd)

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#### 6.7 Rate Regulations (Cont'd)

#### 6.7.8 Measuring Access Minutes (Cont'd)

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Public Service Commission

#### (C) Feature Group C Usage Measurement (Cont'd)

The measurement of terminating call usage over FGC to TFC Service ends when the terminating FGC entry switch receives an on-hook supervisory signal from the terminating end user's end office, indicating the terminating TFC Service end user has disconnected, or from the customer's point of termination, whichever is recognized first by the entry switch.

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#### (D) Feature Group D Usage Measurement

For originating calls over FGD, usage measurement begins when the originating FGD entry switch receives the first wink supervisory signal forwarded from the customer's point of termination.

The measurement of originating call usage over FGD ends when the originating FGD entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over FGD, the measurement of access minutes begins when the terminating FGD entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over FGD ends when the terminating FGD entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

(E) Toll Free Code (TFC) Access Service Usage Measurement

Usage measurement from non-equal access and equal access end offices without the customer identification function begins when the originating end office switch receives off-hook supervision forwarded from the customer's point of termination, indicating the transmitted digits have been received, except for FGC as stated following.

Usage measurement for FGC begins when the originating end office receives off-hook answer supervision approximation and the supervision approximation of the supervision and the supervision are supervision as the supervision and the supervision are supervision.

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EFFECTIVE: April 29, 1996

ISSUED:

March 27, 1996

1996 BY: John L. Roe Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

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April 30, 2007
Missouri Public
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#### ACCESS SERVICE

6 Switched Access Service (Cont'd) JAN 11 1995

- Rate Regulations (Cont'd)
  - 6.7.8 Measuring Access Minutes (Cont'd)

MO. PUBLIC SERVICE COMM.

(C) Feature Group C Usage Measurement (Cont'd)

> The measurement of terminating call usage over FGC to 800 Service ends when the terminating FGC entry switch receives an on-hook supervisory signal from the terminating end user's end office, indicating the terminating 800 Service end user has disconnected from the customer's point of termination, whichever is recognized first by the entry switch.

(D) Feature Group D Usage Measurement

APR 29 1996 For originating calls over FGD, usage measurement R 5 256 begins when the originating FGD entry switch receives mission the first wink supervisory signal forwarded requirements customer's point of termination.

The measurement of originating call usage over FGD ends when the originating FGD entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over FGD, the measurement of access minutes begins when the terminating FGD entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over FGD ends when the terminating FGD entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

(E) 800 Access Service Usage Measurement

> Usage measurement from non-equal access and equal access end offices without the customer identification function begins when the originating end office switch receives off-hook supervision forwarded from the customer's point of termination, indicating the transmitted digits have been received, except for FGC as stated following.

> Usage measurement for FGC begins when the originating end office receives off-hook answer supervision

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EFFECTIVE: February NASSOURA BY: John L. Roe Vice President - Carrier and Regulatory Services Public Service Commission 5454 West 110th Street Overland Park, Kansas 66211

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#### ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd) SEP 17 1992

6.7 Rate Regulations (Cont'd)

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- 6.7.8 Measuring Access Minutes (Cont'd)
  - (C) Feature Group C Usage Measurement (Cont'd)

The measurement of terminating call usage over FGC to 800 Service ends when the terminating FGC entry switch receives an on-hook supervisory signal from the terminating end user's end office, indicating the terminating 800 Service end user has disconnected, or from the customer's point of termination, whichever is recognized first by the entry switch.

#### (D) Feature Group D Usage Measurement

For originating calls over FGD, usage measurement begins when the originating FGD entry switch receives the first wink supervisory signal forwarded from the customer's point of termination.

The measurement of originating call usage over FGD ends when the originating FGD entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over FGD, the measurement of access minutes begins when the terminating FGD entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over FGD ends when the terminating FGD entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

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

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#### **ACCESS SERVICE**

#### 6. <u>Switched Access Service</u> (Cont'd)

#### 6.7 Rate Regulations (Cont'd)

#### 6.7.8 Measuring Access Minutes (Cont'd)

### (E) TFC Access Service Usage Measurement (Cont'd)

forwarded from the customer's point of termination, indicating the called party has answered.

Usage measurement from equal access end offices with the customer identification function begins when the originating end office switch receives the first wink supervisory signal forwarded from the customer's point of termination.

In all cases, usage measurement ends when the originating end office receives on-hook disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, which ever is recognized first by the end office.

#### (F) 900 Access Service Usage Measurement

Usage measurement from non-equal access and equal access end offices without the customer identification function begins when the originating end office switch receives off-hook supervision forwarded from the customer's point of termination, indicating the transmitted digits have been received, except for FGC as stated following.

Usage measurement for FGC begins when the originating end office receives off-hook answer supervision forwarded from the customer's point of termination, indicating the called party has answered.

Usage measurement from equal access end offices with the customer identification function begins when the originating end office switch receives the first wink supervisory signal forwarded from the customer's point of termination.

In all cases, usage measurement ends when the originating end office receives on-hook disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, which ever is recognized first by the end office.

#### (G) Interim 500 Access Service Usage Measurement

Usage measurement from non-equal access and equal access end offices without the customer identification function begins when the riginating end office switch receives off-hook supervision forwarded from the customer's point of termination, indicating the

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Director - State Regulatory
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#### ACCESS SERVICE

#### 6. <u>Switched Access Service</u> (Cont'd)

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6.7 <u>Rate Regulations</u> (Cont'd)

6.7.8 Measuring Access Minutes (Cont'd)

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(E) TFC Access Service Usage Measurement (Cont'd)

forwarded from the customer's point of termination, indicating the called party has answered.

Usage measurement from equal access end offices with the customer identification function begins when the originating end office switch receives the first wink supervisory signal forwarded from the customer's point of termination.

In all cases, usage measurement ends when the originating end office receives on-hook disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, which ever is recognized first by the end office.

#### (F) 900 Access Service Usage Measurement

Usage measurement from non-equal access and equal access end offices without the customer identification function begins when the originating end office switch receives off-hook supervision forwarded from the customer's point of termination, indicating the transmitted digits have been received, except for FGC as stated following.

Usage measurement for FGC begins when the originating end office receives off-hook answer supervision forwarded from the customer's point of termination, indicating the called party has answered.

Usage measurement from equal access end offices with the customer identification function begins when the originating end office switch receives the first wink supervisory signal forwarded from the customer's point of termination.

In all cases, usage measurement ends when the originating end office receives on-hook disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, which ever is recognized first by the end office.

## (G) Interim 500 Access Service Usage Measurement

Usage measurement from non-equal access and equal access end offices without the customer identification of function begins when the originating end office witch receives off-hook supervision forwarded from the customer's point of termination, indicating the

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#### ACCESS SERVICE

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#### 6. Switched Access Service (Cont'd)

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### Rate Regulations (Cont'd)

#### 6.7.8 Measuring Access Minutes (Cont'd)

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#### (E) 800 Access Service Usage Measurement (Cont'd)

forwarded from the customer's point of termination, indicating the called party has answered.

Usage measurement from equal access end offices with the customer identification function begins when the originating end office switch receives the first wink supervisory signal forwarded from the customer's point of termination.

In all cases, usage measurement ends when the originating end office receives on-hook disconnection supervision from either the originating end office, indicating the originating end user has disconnected, or the customer's point of termination, which ever is recognized first by the end office 2 9 1996

#### (F) 900 Access Service Usage Measurement

Usage measurement from non-equal access and state Commission access end offices without the customerping Series in function begins when the originating end office Mission receives off-hook supervision forwarded from the customer's point of termination, indicating the transmitted digits have been received, except for FGC as stated following.

Usage measurement for FGC begins when the originating end office receives off-hook answer supervision forwarded from the customer's point of termination, indicating the called party has answered.

Usage measurement from equal access end offices with the customer identification function begins when the originating end office switch receives the first wink supervisory signal forwarded from the customer's point of termination.

In all cases, usage measurement ends when the originating end office receives on-hook disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, which ever is recognized first by the end office.

(G) Interim 500 Access Service Usage Measurements

> Usage measurement from non-equal access and equ access end offices without the customer identification function begins when the originating end office switch receives off-hook supervision forwarded from EDe 1 1 1995 customer's point of termination, indicating the

ISSUE DATE: January 11, 1995

MISSOURI Public Service Dommission February 11, 1995

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

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#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.8 Measuring Access Minutes (Cont'd)
      - (G) <u>Interim 500 Access Service Usage Measurement</u> (Cont'd)

transmitted digits have been received, except for FGC as stated following.

Usage measurement for FGC begins when the originating end office receives off-hook answer supervision forwarded from the customer's point of termination, indicating the called party has answered.

Usage measurement from equal access end offices with the customer identification function begins when the originating end office switch receives the first wink supervisory signal forwarded from the customer's point of termination.

In all cases, usage measurement ends when the originating end office receives on-hook disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, which ever is recognized first by the end office.

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ACCESS SERVICE

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- 6. Switched Access Service (Cont'd)
  - 6.7 Rate Regulations (Cont'd)

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- 6.7.8 Measuring Access Minutes (Cont'd)
  - (G) <u>Interim 500 Access Service Usage Measurement (Cont'd)</u>

transmitted digits have been received, except for FGC as stated following.

Usage measurement for FGC begins when the originating end office receives off-hook answer supervision forwarded from the customer's point of termination, indicating the called party has answered.

Usage measurement from equal access end offices with the customer identification function begins when the originating end office switch receives the first wink supervisory signal forwarded from the customer's point of termination.

In all cases, usage measurement ends when the originating end office receives on-hook disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, which ever is recognized first by the end office.

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February 11, 1995

ISSUE DATE: January 11, 1995

BY: John L. Roe February Vice President - Carrier and Regulatory Services
5454 West 110th Street
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Second Revised Page 257 Cancels First Revised Page 257

#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.9 Network Blocking Charge for Feature Group D

The customer will be notified by the Telephone Company to increase its capacity when excessive trunk group blocking occurs on groups carrying Feature Group D traffic. Excessive trunk group blocking occurs when the blocking thresholds as described in 6.5.7 preceding are exceeded. If the order for sufficient additional capacity to handle the customers' traffic has not been received by the Telephone Company within 15 days of the notification, the Telephone Company will bill the customer, at the rate set forth in 6.8.2(C) following, for each overflow in excess of the chargeable threshold.

#### Chargeable Thresholds

#### For Trunk Groups As Specified in 6.5.7(D)(1)

Trunk Group Size	Allowable Overflows Per Trunk Per Month
1-2	18
3-4	19
5-6	13
7-40	10
41-139	9
140-500	8
501 or greater	7

#### For Trunk Groups As Specified in 6.5.7(D)(2)

Trunk Group Size	Allowable Overflows Per Trunk Per Month			
1-4	10			
5-6	8			
7-125	6			
126 or greater	5			

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#### **ACCESS SERVICE**

6. <u>Switched Access Service</u> (Cont'd)

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6.7 Rate Regulations (Cont'd)

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6.7.9 Network Blocking Charge for Feature Group D

The customer will be notified by the Telephone Company to increase its *capacity when* excessive trunk group blocking occurs on groups carrying Feature Group D traffic. Excessive trunk group blocking occurs when the blocking thresholds as described in 6.5.7 preceding are exceeded. If the order for sufficient additional capacity to handle the customers' traffic has not been received by the Telephone Company within 15 days of the notification, the Telephone Company will bill the customer, at the rate set forth in 6.8.2(C) following, for each overflow in excess of the chargeable threshold.

### Chargeable Thresholds

#### For Trunk Groups As Specified in 6.5.7(D)(1)

Trunk Group Size	Allowable Overflows Per Trunk Per Month			
1-2	18			
3-4	19			
5-6	13			
7-40	<b>1</b> 0			
4 <b>1</b> -139	9			
140-500	8			
501 or greater	7			

For Trunk Groups As Specified in 6.5.7(D)(2)

Trunk Group Size	Allowable Overflows Per Trunk Per Month		
1-4	10		
5-6	8		
7-125	6		
126 or greater	5		

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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

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#### ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

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6.7 <u>Rate Regulations</u> (Cont'd)

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#### 6.7.9 Network Blocking Charge for Feature Group D

The customer will be notified by the Telephone Company to increase its capacity (busy hour minutes of capacity or quantities of trunks) when excessive trunk group blocking occurs on groups carrying Feature Group D traffic. Excessive trunk group blocking occurs when the blocking thresholds as described in 6.5.7 preceding are exceeded. If the order for sufficient additional capacity to handle the customers' traffic has not been received by the Telephone Company within 15 days of the notification, the Telephone Company will bill the customer, at the rate set forth in 6.8.2(C) following, for each overflow in excess of the chargeable threshold.

#### Chargeable Thresholds

For Trunk Groups As Specified in 6.5.7(D)(1)

Trunk Group Size	Allowable Overflows Per Trunk Per Month
1-2	18
3-4	19
5-6	13
7-40	10
40-139	9
140-500	8
501 or greater	7

For Trunk Groups As Specified in 6.5.7(D)(2)

Trunk Group Size		owable Trunk	
1-4		10	
5-6		8	
7-125		6	
126 or greater	CANCELLED	5	

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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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#### **ACCESS SERVICE**

#### Switched Access Service (Cont'd)

#### 6.7 Rate Regulations (Cont'd)

#### 6.7.10 Application of Rates for Extension Service

Feature Group A Switched Access Service is available with extensions, i.e., additional terminations of the service at different building(s) in the same or a different exchange. Feature Group A extensions within the same exchange are charged for under the Telephone Company's local and/or general exchange service tariffs. Feature Group A extensions in different exchanges are charged for as Special Access Service. The rate elements which apply are: A Voice Grade Channel Termination Channel Mileage, if applicable and a Signaling Capability if applicable. All appropriate monthly rates and nonrecurring charges set forth in 7.5.3 following will apply. Such extensions are ordered as set forth in 5.2 preceding.

#### 6.7.11 Message Unit Credit

Calls from end users to the seven digit local telephone numbers associated with Feature Groups A Switched Access Service will not be charged, therefore, a message unit credit will not be applicable.

#### 6.7.12 Local Information Delivery Services

Calls over Switched Access in the terminating direction to certain community information services will be rated under the applicable rates for Switched Access Service as set forth in 6.8 following. In addition, the charges per call as specified under the Telephone Company's local and/or general exchange service tariffs, e.g., 976 (DIAL-IT) Network Services, will also apply.

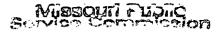
ISSUED: March 30, 2007 Mark D. Harper Director - State Regulatory 5454 W. 110th Street Overland Park, Kansas 66211



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#### ACCESS SERVICE



#### 6. Switched Access Service (Cont'd)

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#### 6.7 Rate Regulations (Cont'd)

#### 6.7.10 Application of Rates for Extension Service

Feature Group A Switched Access Service is available with extensions, i.e., additional terminations of the service at different building(s) in the same or a different exchange. Feature Group A extensions within the same exchange are charged for under the Telephone Company's local and/or general exchange service tariffs. Feature Group A extensions in different exchanges are charged for as Special Access Service. The rate elements which apply are: A Voice Grade Channel Termination Channel Mileage, if applicable and a Signaling Capability if applicable. All appropriate monthly rates and nonrecurring charges set forth in 7.5.3 following will apply. Such extensions are ordered as set forth in 5.2 preceding.

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## 6.7.11 Message Unit Credit

Calls from end users to the seven digit local telephone numbers associated with Feature Groups A Switched Access Service will not be charged, therefore, a message unit credit will not be applicable.

#### 6.7.12 Local Information Delivery Services

Calls over Switched Access in the terminating direction to certain community information services will be rated under the applicable rates for Switched Access Service as set forth in 6.8 following. In addition, the charges per call as specified under the Telephone Company's local and/or general exchange service tariffs, e.g., 976 (DIALIT) Network Services, will also apply.

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6. <u>Switched Access Service</u> (Cont'd)

6.7 <u>Rate Regulations</u> (Cont'd)

#### 6.7.10 Application of Rates for Extension Service

Feature Group A Switched Access Service is available with extensions, i.e., additional terminations of the service at different building(s) in the same or a different exchange. Feature Group A extensions within the same exchange are charged for under the Telephone Company's local and/or general exchange service tariffs. Feature Group A extensions in different exchanges are charged for as Special Access Service. The rate elements which apply are: A Voice Grade Service Termination Channel Mileage, if applicable and a Signaling Capability if applicable. All appropriate monthly rates and nonrecurring charges set forth in 7.5.3 following will apply. In addition, an Inside Wire Recovery Charge as set forth in 7.4.9 following may also be applicable. Such extensions are ordered as set forth in 5.2 preceding.

#### 6.7.11 Message Unit Credit

Calls from end users to the seven digit local telephone numbers associated with Feature Groups A Switched Access Service will not be charged, therefore, a message unit credit will not be applicable.

### 6.7.12 Local Information Delivery Services

Calls over Switched Access in the terminating direction to certain community information services will be rated under the applicable rates for Switched Access Service as set forth in 6.8 following. In addition, the charges per call as specified under the Telephone Company's local and/or general exchange service tariffs, e.g., 976 (DIAL-IT) Network Services, will also apply.

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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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#### **ACCESS SERVICE**

- Switched Access Service (Cont'd)
  - 6.7 Rate Regulations (Cont'd)

#### 6.7.13 Mileage Measurement

The mileage to be used to determine the monthly rate for Local Transport of usage rated Feature Group A, B, C and D services is calculated based on the airline distance between the end office switch where the call carried by Local Transport originates or terminates and the customer's serving wire center, except as set forth in (A) through (E) following. The V&H coordinates method is used to determine mileage. This method is set forth in the National Exchange Carrier Association, Inc. Tariff for Wire Center Information (V&H coordinates (1)).

Mileage is shown in 6.8.2 following in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H (1) coordinates method, then find the band into which the computed mileage falls and apply the rate shown for that band. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

Exceptions to the mileage measurement rules are as follows:

- (A) Mileage for access minutes in the originating direction over Feature Group A
   Switched Access Service will be calculated on an airline basis, using the V&H
   (1) coordinates method, between the end office switch where the Feature Group
   A switching dial tone is provided and the customer's serving wire center for the
   Switched Access Service provided.
  - (1) For intraLATA Local Exchange Carrier to Local Exchange Carrier Traffic, percentages of ownership will be determined by the V & H coordinates located in the Missouri Intrastate IntraLATA Compensation Plan Database.

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#### **ACCESS SERVICE**

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6. Switched Access Service (Cont'd)

**REC'D JAN 15 2002** 

6.7 Rate Regulations (Cont'd)

Service Commission

6.7.13 Mileage Measurement

The mileage to be used to determine the monthly rate for Local Transport of usage rated Feature Group A, B, C and D services is calculated based on the airline distance between the end office switch where the call carried by Local Transport originates or terminates and the customer's serving wire center, except as set forth in (A) through (E) following. The V&H coordinates method is used to determine mileage. This method is set forth in the National Exchange Carrier Association, *Inc.* Tariff for Wire Center Information (V&H coordinates (1)).

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Mileage is shown in 6.8.2 following in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H (1) coordinates method, then find the band into which the computed mileage falls and apply the rate shown for that band. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

Exceptions to the mileage measurement rules are as follows:

- (A) Mileage for access minutes in the originating direction over Feature Group A Switched Access Service will be calculated on an airline basis, using the V&H (1) coordinates method, between the end office switch where the Feature Group A switching dial tone is provided and the customer's serving wire center for the Switched Access Service provided.
  - (1) For intraLATA Local Exchange Carrier to Local Exchange Carrier Traffic, percentages of ownership will be determined by the V & H coordinates located in the Missouri Intrastate IntraLATA Compensation Plan Database.

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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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ACCESS SERVICE

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- Switched Access Service (Cont'd)
  - 6.7 Rate Regulations (Cont'd)

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#### 6.7.13 Mileage Measurement

The mileage to be used to determine the monthly rate for Local Transport of usage rated Feature Group A, B, C and D services is calculated based on the airline distance between the end office switch where the call carried by Local Transport originates or terminates and the customer's serving wire center, except as set forth in (A) through (E) following. The V&H coordinates method is used to determine mileage. This method is set forth in the National Exchange Carrier Association Tariff for Wire Center Information (V&H coordinates (1)).

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Mileage is shown in 6.8.2 following in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H (1) coordinates method, then find the band into which the computed mileage falls and apply the rate shown for that band. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

Exceptions to the mileage measurement rules are as follows:

- (A) Mileage for access minutes in the originating direction over Feature Group A Switched Access Service will be calculated on an airline basis, using the V&H (1) coordinates method, between the end office switch where the Feature Group A switching dial tone is provided and the customer's serving wire center for the Switched Access Service provided.
- For intraLATA Local Exchange Carrier to Local Exchange Carrier Traffic, percentages of ownership will be determined by the V & H coordinates located in the Missouri Intrastate IntraLATA Compensation Plan Database.

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ISSUED;

Richard D. Lawson February 9, 2999 State Executive, External Affairs

EFFECTIVE: March 10, 2000

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6. Switched Access Service (Cont'd)

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6.7 Rate Regulations (Cont'd)

#### 6.7.13 <u>Mileage Measurement</u>

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The mileage to be used to determine the monthly rate for Local Transport of usage rated Feature Group A, B, C and D services is calculated based on the airline distance between the end office switch where the call carried by Local Transport originates or terminates and the customer's serving wire center, except as set forth in (A) through (E) following. The V&H coordinates method is used to determine mileage. This method is set forth in the Exchange Carrier Association Tariff for Wire Center Information (V&H coordinates (1)).

Mileage is shown in 6.8.2 following in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H (1) coordinates method, then find the band into which the computed mileage falls and apply the rate shown for that band. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

Exceptions to the mileage measurement rules are as follows:

- (A) Mileage for access minutes in the originating direction over Feature Group A Switched Access Service will be calculated on an airline basis, using the V&H (1) coordinates method, between the end office switch where the Feature Group A switching dial tone is provided and the customer's serving wire center for the Switched Access Service provided.
- (1) For intraLATA Local Exchange Carrier to Local Exchange Carrier Traffic, percentages of ownership will be determined by the V & H coordinates located in the Missouri PTC Plan IntraLATA Database.

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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

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)

#### 6.7.13 Mileage Measurement

The mileage to be used to determine the monthly rate for Local Transport of usage rated Feature Group A, B, C and D services is calculated based on the airline distance between the end office switch where the call carried by Local Transport originates or terminates and the customer's serving wire center, except as set forth in (A) through (E) following. The V&H coordinates method is used to determine mileage. This method is set forth in the Exchange Carrier Association Tariff for Wire Center Information (V&H coordinates (1)).

Mileage is shown in 6.8.2 following in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H (1) coordinates method, then find the band into which the computed mileage falls and apply the rate shown for that band. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

Exceptions to the mileage measurement rules are as follows:

- (A) Mileage for premium rated access minutes in the originating direction over Feature Group A Switched Access Service will be calculated on an airline basis, using the V&H (1) coordinates method, between the end office switch where the Feature Group A switching dial tone is provided and the customer's serving wire center for the Switched Access Service provided.
- (1)For intraLATA Local Exchange Carrier to Local Exchange Carrier Traffic, percentages of ownership will be determined by the V & H coordinates located in the Missouri PTC Plan IntraLATA Database.

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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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#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.13 Mileage Measurement (Cont'd)
      - (B) When a non AT&T customer's premises is within five miles of an AT&T Class 4 office, the Local Transport mileage for a call which is carried over Switched Access Service, originating or terminating through an end office switch, shall be the distance as would be determined from that end office switch to the serving wire center for that AT&T Class 4 office unless the customer specifies that for an entire exchange, it wants all measurements determined from its serving wire center. This designation (i.e., which serving wire center to use in calculating mileage) may be changed only once in any 12 month period. Such change will be made without charge(s) to the customer.
      - (C) When the Alternate Traffic Routing optional feature is provided with Feature Groups B, C and D to provide service from an end office to different customer premises locations, usage rated Local Transport access minutes will be apportioned between the two transmission routes used to provide this feature. For Feature Groups B and C, such apportionment will be made using standard Telephone Company traffic engineering methodology and will be based on the last trunk CCS desired for the high usage group, as described in 6.3.1(O) preceding, and the relative capacity ordered to the end office, when the feature is provided at an end office switch, or to the subtending end offices when the feature is provided at an access tandem switch. For Feature Group D, the apportionment will be based on the actual measured data which is recorded against the specific trunk group that carried a particular call. This apportionment will serve as the basis for the Local Transport mileage calculation. The customer will be billed accordingly. Not withstanding the preceding apportionment regulations, Local Exchange Carriers participating in the Primary Carrier by Toll Center Plan who have traffic carried over alternate routes in overflow or emergency situations, will have that traffic rated and compensated for if the primary route was used.

ISSUED: March 30, 2007 Mark D. Harper
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ACCESS SERVICE

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(T)

6. <u>Switched Access Service</u> (Cont'd)

NOV 2 1013

6.7 Rate Regulations (Cont'd)

6.7.13 Mileage Measurement (Cont'd)

- (B) When a non AT&T customer's premises is within five miles of an AT&T Class 4 office, the Local Transport mileage for a call which is carried over Switched Access Service, originating or terminating through an end office switch, shall be the distance as would be determined from that end office switch to the serving wire center for that AT&T Class 4 office unless the customer specifies that for an entire exchange, it wants all measurements determined from its serving wire center. This designation (i.e., which serving wire center to use in calculating mileage) may be changed only once in any 12 month period. Such change will be made without charge(s) to the customer.
- (C) When the Alternate Traffic Routing optional feature is provided with Feature Groups B, C and D to provide service from an end office to different customer premises locations, usage rated Local Transport access minutes will be apportioned between the two transmission routes used to provide this feature. For Feature Groups B and C, such apportionment will be made using standard Telephone Company traffic engineering methodology and will be based on the last trunk CCS desired for the high usage group, as described in 6.3.1(0) preceding, and the relative capacity ordered to the end office, when the feature is provided at an end office switch, or to the subtending end offices when the feature is provided at an access tandem switch. For Feature Group D, the apportionment will be based on the actual measured data which is recorded against the specific trunk group that carried a particular call. This apportionment will serve as the basis for the Local Transport mileage calculation. The customer will be billed accordingly. Not withstanding the preceding apportionment regulations, Local Exchange Carriers participating in the Primary Carrier by Toll Center Plan who have traffic carried over alternate routes in overflow or emergency situations, will have that traffic rated and compensated for if the primary route was used.

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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

Original Page 260

#### ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

SEP 17 1992

6.7 <u>Rate Regulations</u> (Cont'd)

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- 6.7.13 <u>Mileage Measurement</u> (Cont'd)
  - (B) When a non AT&T customer's premises is within five miles of an AT&T Class 4 office, the Local Transport mileage for a call which is carried over a premium rated Switched Access Service, originating or terminating through an end office switch, shall be the distance as would be determined from that end office switch to the serving wire center for that AT&T Class 4 office unless the customer specifies that for an entire exchange, it wants all measurements determined from its serving wire center. This designation (i.e., which serving wire center to use in calculating mileage) may be changed only once in any 12 month period. Such change will be made without charge(s) to the customer.
  - (C) When the Alternate Traffic Routing optional feature is provided with Feature Groups B, C and D to provide service from an end office to different customer premises locations, usage rated Local Transport access minutes will be apportioned between the two transmission routes used to provide this feature. For Feature Groups B and C, such apportionment will be made using standard Telephone Company traffic engineering methodology and will be based on the last trunk CCS desired for the high usage group, as described in 6.3.1(0) preceding, and the relative capacity ordered to the end office, when the feature is provided at an end office switch, or to the subtending end offices when the feature is provided at an access tandem switch. For Feature Group D, the apportionment will be based on the actual measured data which is recorded against the specific trunk group that carried a particular call. This apportionment will serve as the basis for the Local Transport mileage calculation. The customer will be billed accordingly. Not withstanding the preceding apportionment regulations, Local Exchange Carriers participating in the Primary Carrier by Toll Center Plan who have traffic carried over alternate routes in overflow or emergency situations, will have that traffic rated and compensated for if the primary route was used.

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BY: Public Service Commission

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ISSUED: September 17, 1992

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

NOV 7 1992

Third Revised Page 261 Cancels Second Revised Page 261

#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.13 Mileage Measurement (Cont'd)
      - (D) Local Transport mileage for access minutes originating from or terminating at a remote switching system or module (RSS or RSM) will be calculated on an airline mile basis between the customer's serving wire center and the end office switch that serves as the host office for the RSS or RSM.
      - (E) When terminating Feature Group C Switched Access Service is provided from multiple customer premises to an end office not equipped with measurement capabilities, the total Local Transport access minutes for that end office will be apportioned among the trunk groups accessing the end office on the basis of capacity ordered for each FGC trunk group. This apportionment will serve as the basis for Local Transport mileage calculation and the customer will be billed accordingly.

ISSUED: March 30, 2007 Mark D. Harper
Director - State Regulatory
5454 W. 110th Street
Overland Park, Kansas 66211





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Second Revised Page 261 Cancels First Revised Page 261

#### **ACCESS SERVICE**

Missouri Public

6. Switched Access Service (Cont'd) REC'D JAN 07 2002

6.7 Rate Regulations (Cont'd)

Service Commission

- 6.7.13 Mileage Measurement (Cont'd)
  - Local Transport mileage for access minutes originating from or terminating at a remote switching system or module (RSS or RSM) will be calculated on an airline mile basis between the customer's serving wire center and the end office switch that serves as the host office for the RSS or RSM.
  - (E) When terminating Feature Group C Switched Access Service is provided from multiple customer premises to an end office not equipped with measurement capabilities, the total Local Transport access minutes for that end office will be apportioned among the trunk groups accessing the end office on the basis of capacity ordered for each FGC trunk group. This apportionment will serve as the basis for Local Transport mileage calculation and the customer will be billed accordingly.

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Missouri Public

FILED FEB 07 2002

ISSUED: January 7, 2002

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

Corvice Commission EFFECTIVE: February 7, 2002

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Switched Access Service (Cont'd)

NOV 2 1993

6.7 Rate Regulations (Cont'd)

6.7.13 <u>Mileage Measurement</u> (Cont'd)

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- (D) Local Transport mileage for access minutes originating from or terminating at a remote switching system or module (RSS or RSM) will be calculated on an airline mile basis between the customer's serving wire center and the end office switch that serves as the host office for the RSS or RSM.
- (E) When terminating Feature Group C Switched Access Service is provided from multiple customer premises to an end office not equipped with measurement capabilities, the total Local Transport access minutes for that end office will be apportioned among the trunk groups accessing the end office on the basis of the individual busy hour minutes of capacity ordered for each of those trunk groups. This apportionment will serve as the basis for Local Transport mileage calculation and the customer will be billed accordingly.

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BOY 7 11893 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

6. <u>Switched Access Service</u> (Cont'd)

6.7 <u>Rate Regulations</u> (Cont'd)

6.7.13 Mileage Measurement (Cont'd)

- (D) Local Transport mileage for premium rated access minutes originating from or terminating at a remote switching system or module (RSS or RSM) will be calculated on an airline mile basis between the customer's serving wire center and the end office switch that serves as the host office for the RSS or RSM.
- (E) When terminating Feature Group C Switched Access Service is provided from multiple customer premises to an end office not equipped with measurement capabilities, the total Local Transport access minutes for that end office will be apportioned among the trunk groups accessing the end office on the basis of the individual busy hour minutes of capacity ordered for each of those trunk groups. This apportionment will serve as the basis for Local Transport mileage calculation and the customer will be billed accordingly.

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ISSUED: September 17, 1992 BY: John L. Roe
Vice President - Administration
5454 West 110th Street
Overland Park, Kansas 66211

NOV 7 1992

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#### **ACCESS SERVICE**

#### Switched Access Service (Cont'd)

#### 6.7 Rate Regulations (Cont'd)

#### 6.7.13 Mileage Measurement (Cont'd)

- (F) When FGA calls terminate within the local calling area of the dial tone office, the Local Transport mileage will be calculated on an airline basis between the customer's serving wire center and the end office where the call terminates.
- (G) Switched transport mileage for Interim 500, TFC and 900 Access Service is based on the airline distance between the end office switch where the Interim 500, TFC or 900 Access Service traffic originates and the customer's serving wire center.

#### 6.7.14 Shared Use

Shared use occurs when Switched Access Service and Special Access Service are provided over the same analog or digital high capacity facility through a common interface. The regulations governing the provision of Shared Use Facilities are set forth in 7.4.8 following. Switched Access rates and charges as set forth in 6.8 following will apply for each channel of the high capacity facility that is used to provide Switched Access Service.

#### 6.7.15 Reserved For Future Use

#### 6.7.16 Interim 500 or 900 NXX in Multi-State LATAs

For customers ordering LATA-wide Interim 500 Access Service or 900 Access Service in LATAs that cross state boundaries but are served by the same screening office, the applicable nonrecurring charge for that screening office, as set forth in 6.8.5 and 6.8.7 following, will not be billed twice (i.e., once for each state); they will only be billed once for each NXX code activated or deactivated in that screening office.

ISSUED: March 30, 2007 Mark D. Harper Director - State Regulatory 5454 W. 110th Street Overland Park, Kansas 66211



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Third Revised Page 262 Cancels Second Revised Page 262

Missouri Public

#### ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

REC'D JAN 07 2002

6.7 Rate Regulations (Cont'd)

Service Commission

- 6.7.13 Mileage Measurement (Cont'd)
  - (F) When FGA calls terminate within the local calling area of the dial tone office, the Local Transport mileage will be calculated on an airline basis between the customer's serving wire center and the end office where the call terminates.
  - (G) Switched transport mileage for Interim 500, TFC and 900 Access Service is based on the airline distance between the end office switch where the Interim 500, TFC or 900 Access Service traffic originates and the customer's serving wire center.

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#### 6.7.15 Reserved For Future Use

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#### 6.7.16 Interim 500 or 900 NXX in Multi-State LATAs

For customers ordering LATA-wide Interim 500 Access Service or 900 Access Service in LATAs that cross state boundaries but are served by the same screening office, the applicable nonrecurring charge for that screening office, as set forth in 6.8.5 and 6.8.7 following, will not be billed twice (i.e., once for each state); they will only be billed once for each NXX code activated or deactivated in that screening office.

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Service Commission

EFFECTIVE: February 7, 2002

ISSUED: January 7, 2002 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101

Second Revised Page 262
Cancels First Revised Page 262

#### ACCESS SERVICE

6. Switched Access Service (Cont'd)

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#### 6.7 <u>Rate Regulations</u> (Cont'd)

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#### 6.7.13 <u>Mileage Measurement</u> (Cont'd)

- (F) When FGA calls terminate within the local calling area of the dial tone office, the Local Transport mileage will be calculated on an airline basis between the customer's serving wire center and the end office where the call terminates.
- (G) Switched transport mileage for Interim 500, TFC and 900 Access Service is based on the airline distance between the end office switch where the Interim 500, TFC or 900 Access Service traffic originates and the customer's serving wire center.

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Shared use occurs when Switched Access Service and Special Access Service are provided over the same analog or digital high capacity facility through a common interface. The regulations governing the provision of Shared Use Facilities are set forth in 7.4.8 following. Switched Access rates and charges as set forth in 6.8 following will apply for each channel of the high capacity facility that is used to provide Switched Access Service.

#### 6.7.15 <u>Information Surcharge</u>

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Public Service Commission
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The Information Surcharge is a charge to recover costs that have been assigned to the intrastate Information category through Parts 67 and 69 of the Commission's Rules. These costs are other than those incurred in the provision of intrastate Directory Assistance Service as set forth in 9. following.

The Information Surcharge is assessed to the customer based on the total number of access minutes, lines or trunks. The rates are set forth in 6.8.6 following. The application of these rates with respect to the individual Feature Groups is as set forth in 6.7.1(D) preceding.

#### 6.7.16 Interim 500 or 900 NXX in Multi-State LATAs

For customers ordering LATA-wide Interim 500 Access Service or 900 Access Service in LATAs that cross state boundaries but are served by the same screening office, the applicable nonrecurring charge for that screening office, as set forth in 6.8.5 and 6.8.7 following, will not be billed twice (i.e., once for each state); they will only be billed once for each NXX code activated or deactivated in that screening office.

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ISSUED:

27, 1996 BY: John L. Roe
Vice President - Carrier and Regulatory Services
5454 West 110th Street

5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE: April 29, 1996

First Revised Page 262 Cancels Original Page 262

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#### ACCESS SERVICE

6. Switched Access Service (Cont'd) MAR 11 1995

- 6.7 Rate Regulations (Cont'd)
  - 6.7.13 <u>Mileage Measurement</u> (Cont'd)

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- (F) When FGA calls terminate within the local calling area of the dial tone office, the Local Transport mileage will be calculated on an airline basis between the customer's serving wire center and the end office where the call terminates.
- (G) Switched transport mileage for Interim 500, 800 and 900 Access Service is based on the airline distance between the end office switch where the Interim 500, 800 or 900 Access Service traffic originates and the customer's serving wire center.

#### 6.7.14 Shared Use

Shared use occurs when Switched Access Service and Special Access Service are provided over the same analog or digital high capacity facility through a common interface. The regulations governing the provision of Shared Use Facilities are set forth in 7.4.8 following. CANCLED Access rates and charges as set forth in 6.8 following will apply for each channel of the high capacity facility that is used to provide Switched Access Service. APR 2 9 1996

6.7.15 <u>Information Surcharge</u>

The Information Surcharge is a charge to receiver costs that have been assigned to the intrastate Information Commission that have been assigned to the intrastate Information Commission category through Parts 67 and 69 of the Commission Rules. These costs are other than those incurred in the provision of intrastate Directory. provision of intrastate Directory Assistance Service as set forth in 9. following.

The Information Surcharge is assessed to the customer based on the total number of access minutes, lines or trunks. The rates are set forth in 6.8.6 following. application of these rates with respect to the individual Feature Groups is as set forth in 6.7.1(D) preceding.

#### 6.7.16 Interim 500 or 900 NXX in Multi-State LATAs

For customers ordering LATA-wide Interim 500 Access Service or 900 Access Service in LATAs that cross state boundaries but are served by the same screening office, the applicable nonrecurring charge for that screening office, as set forth in 6.8.5 and 6.8.7 following, will not be billed twice (i.e., once for each state); they only be billed once for each NXX code activated br deactivated in that screening office.

FEB 11 1995

MISSOURI Public Service Commission

ISSUE DATE: January 11, 1995

February 11, 1995 BY: John L. Roe Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

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#### ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - Rate Regulations (Cont'd) 6.7
    - 6.7.13 Mileage Measurement (Cont'd)

(F) When FGA calls terminate within the local calling area of the dial tone office, the Local Transport mileage will be calculated on an airline basis between the customer's serving wire center and the end office where the call terminates.

#### 6.7.14 Shared Use

Shared use occurs when Switched Access Service and Special Access Service are provided over the same analog or digital high capacity facility through a common interface. The regulations governing the provision of Shared Use Facilities are set forth in 7.4.8 following. Switched Access rates and charges as set forth in 6.8 following will apply for each channel of the high capacity facility that is used to provide Switched Access Service.

#### 6.7.15 Information Surcharge

The Information Surcharge is a charge to recover costs that have been assigned to the intrastate Information category through Parts 67 and 69 of the Commission's Rules. These costs are other than those incurred in the provision of intrastate Directory Assistance Service as set forth in 9. following.

The Information Surcharge is assessed to the customer based on the total number of access minutes, lines or trunks. The rates are set forth in 6.8.6 following. The application of these rates with respect to the individual Feature Groups is as set forth in 6.7.1(D) preceding.

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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

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#### ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.8 Rates and Charges (Cont'd)
    - 6.8.1 Reserved For Future Use
    - 6.8.2 <u>Local Transport</u>

(A)	Call Miles	Rate <u>Per Access Minute</u>
	0-4	\$.0050
	Over 4-8	\$.0120
	Over 8-16	\$.0150
	Over 16-25	\$.0180
	Over 25-50	\$.0225
	Over 50-100	\$.0308
	Over 100-200	\$.0335
	Over 200	ICB

ISSUED: March 30, 2007 Mark D. Harper Director - State Regulatory 5454 W. 110th Street Overland Park, Kansas 66211



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ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

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6.8 Rates and Charges (Cont d)

6.8.1 Reserved For Future Use

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6.8.2 Local Transport

		Rate	
(A)	<u>Call Miles</u>	Per Access Minute	
	0-4	\$.0050	
	Over 4-8	\$.0120	
	Over 8-16	\$.0150	
	Over 16-25	\$.0180	
	Over 25-50	\$.0225	
	Over 50-100	\$.0308	
	Over 100-200	\$.0335	
	Over 200	ICB	

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NOV 7 1393 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

Switched Access Service (Cont'd)

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6.8 Rates and Charges (Cont'd)

6.8.1 Reserved For Future Use

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6.8.2 Local Transport

		Premium Rate	
(A)	Call Miles	Per Access Minute	
		<b>A</b>	
	0-4	\$.0050	
	Over 4-8	\$.0120	
	Over 8-16	\$.0150	
	Over 16-25	\$.0180	
	Over 25-50	\$.0225	
	Over 50-100	\$.0308	
	Over 100-200	\$.0335	
	Over 200	TCR	

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Public Service Commission

ISSUED: September 17, 1992

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

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#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.8 Rates and Charges (Cont'd)
    - 6.8.2 Local Transport (Cont'd)
      - (B) Optional Features

Monthly <u>Rates</u>

Provision of other than Telephone Company Selected Traffic Routing (available with FGB, FGC, and FGD)

 Direct Trunking in lieu of Tandem Trunking

**ICB** 

ISSUED: March 30, 2007 Mark D. Harper
Director - State Regulatory
5454 W. 110th Street
Overland Park, Kansas 66211





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Second Revised Page 264 Cancels First Revised Page 264

#### ACCESS SERVICE

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6. Switched Access Service (Cont'd)

**REC'D MAY 03** 2000

Monthly

- 6.8 Rates and Charges (Cont'd)
  - 6.8.2 Local Transport (Cont'd)
    - (B) Optional Features

Rates (C)

Provision of other than Telephone Company Selected Traffic Routing (available with FGB, FGC, and FGD)

- Direct Trunking in lieu of Tandem Trunking

ICB (C)



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ISSUED: May 3, 2000 Richard D. Lawson State Executive, External Affairs

EFFECTIVE: June 2, 2000

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April 30, 2007
Missouri Public
Service Commission

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ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

NOV 2 1993

6.8 Rates and Charges (Cont'd)

6.8.2 Local Transport (Cont'd)

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(7)

(B) Optional Features

Monthly USOC Rates

Provision of other than Telephone Company Selected Traffic Routing (available with FGB, FGC, and FGD)

-Direct Trunking in lieu of Tandem Trunking

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Public Service Commission

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NOV 7 1393 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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- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.8 Rates and Charges (Cont'd)

6.8.2 Local Transport (Cont'd)

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Monthly

(B) Optional Features

USOC

Rates

Provision of other than Telephone Company Selected Traffic Routing (available with FGB, FGC, and FGD)

-Direct Trunking in lieu of Tandem Trunking

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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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#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.8 Rates and Charges (Cont'd)
    - 6.8.2 Local Transport (Cont'd)

(B) Optional Features (Cont'd) Monthly Rates

 Tandem Trunking in lieu of Direct Trunking

Customer Specification of Feature Group Directionality (Available with FGB, FGC\*, FGD)

 One-Way Operation in lieu of Two-Way Operation

**ICB** 

**ICB** 

\* For FGC this option is available only in appropriately equipped end offices.

ISSUED: March 30, 2007 Mark D. Harper Director - State Regulatory 5454 W. 110th Street Overland Park, Kansas 66211





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#### ACCESS SERVICE

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6. Switched Access Service (Cont'd)

**REC'D MAY 03** 2000

- 6.8 Rates and Charges (Cont'd)
  - 6.8.2 Local Transport (Cont'd)
    - (B) Optional Features (Cont'd)

Monthly	
Rates	(C)

- Tandem Trunking in lieu of Direct Trunking

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(C)

Customer Specification of Feature Group Directionality (Available with FGB, FGC\*, FGD)

- One-Way Operation in lieu of Two-Way Operation

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\* For FGC this option is available only in appropriately equipped end offices.

ISSUED: May 3, 2000 Richard D. Lawson State Executive, External Affairs EFFECTIVE: June 2, 2000

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April 30, 2007
Missouri Public
Service Commission

First Revised Page 265 Cancels Original Page 265

ACCESS SERVICE

6. Switched Access Service (Cont'd)

NOV 2 1993

6.8 Rates and Charges (Cont'd)

6.8.2 <u>Local Transport</u> (Cont'd)

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(B) Optional Features (Cont'd)

Monthly USOC Rates

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-Tandem Trunking in lieu of Direct Trunking

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Customer Specification of Feature Group Directionality (Available with FGB, FGC\*, FGD)

-One-Way Operation in lieu of Two-Way Operation

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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

<sup>\*</sup> For FGC this option is available only in appropriately equipped end offices.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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6.8 Rates and Charges (Cont'd)

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6.8.2 Local Transport (Cont'd)

(B) Optional Features (Cont'd)

Rates

-Tandem Trunking in lieu of

Direct Trunking

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Customer Specification of Feature Group Directionality (Available with FGB,

FGC\*, FGD)

-One-Way Operation in lieu of Two-Way Operation

1DSOW

USOC

ICB

\* For FGC this option is available only in appropriately equipped end offices.

CANCELLED

BY 10+ R.S. #165
Public Service Commission
MISSOURI

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 NOV 7 1992

Third Revised Page 266 Cancels Second Revised Page 266

#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.8 Rates and Charges (Cont'd)
    - 6.8.2 Local Transport (Cont'd)

(B) Optional Features (Cont'd) Monthly Rates

- Two-Way Operation in lieu of One-Way Operation ICB

Customer Specification of Local Transport Termination (Available with FGB with Type B Transmission Performance)

 Four Wire Termination in lieu of Two-Wire Termination

**ICB** 

ISSUED: March 30, 2007 Mark D. Harper
Director - State Regulatory
5454 W. 110th Street
Overland Park, Kansas 66211





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Second Revised Page 266 Cancels First Revised Page 266

#### ACCESS SERVICE

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6. Switched Access Service (Cont'd)

**REC'D MAY 03 2000** 

- 6.8 Rates and Charges (Cont'd)
  - 6.8.2 Local Transport (Cont'd)
    - (B) Optional Features (Cont'd)

Monthly	
<u>Rates</u>	(C)

- Two-Way Operation in lieu of One-Way Operation

ICB (C)

Customer Specification of Local Transport Termination (Available with FGB with Type B Transmission Performance)

 Four Wire Termination in lieu of Two-Wire Termination

ICB (C)

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Te ad JUN 0 2 2000

ISSUED: May 3, 2000 Richard D. Lawson State Executive, External Affairs EFFECTIVE: June 2, 2000

Cancelled
April 30, 2007
Missouri Public
Service Commission

First Revised Page 266 Cancels Original Page 266

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ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

NOV 2 1993

6.8 Rates and Charges (Cont'd)

6.8.2 Local Transport (Cont'd)

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ICB

LT1++

(T)

(B) Optional Features (Cont'd)

Monthly
USOC Rates

-Two-Way Operation
in lieu of One-Way
Operation 1DSTW ICB

Customer Specification
of Local Transport
Termination (Available
with FGB with Type B
Transmission Performance)

## **CANCELLED**

-Four Wire Termination in lieu of Two-Wire

Termination

JUN 0 2 2000

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NOV 7 1993 93 - 18 1 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

Original Page 266

#### ACCESS SERVICE

Switched Access Service (Cont'd)

SEP 17 1892

6.8 Rates and Charges (Cont'd)

MC PRIMITE SETTING COME.

6.8.2 Local Transport (Cont'd)

(B)	Optional Features (Co		
		USOC	Rates
	-Two-Way Operation in lieu of One-Way		
	Operation	1DSTW	ICB

Customer Specification of Local Transport Termination (Available with FGB with Type B Transmission Performance)

-Four Wire Termination in lieu of Two-Wire Termination LT1++

ICB

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HOV 7 1892

ISSUED: September 17, 1992

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

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Fourth Revised Page 267 Cancels Third Revised Page 267

#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.8 Rates and Charges (Cont'd)
    - 6.8.2 Local Transport (Cont'd)
      - (C) Network Blocking Charge

Rate Per Call Blocked

Per Call\*\* ICB

6.8.3 Local Switching

Rate Per Access Minute

\$.023617

(A) End Office to Tandem Rearrangement Charge

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

 Per 24 Channels Converted or Fraction Thereof

> Nonrecurring Charge

> > \$56.45

\*\* Applies to FGD. (T)

ISSUED: March 30, 2007 Mark D. Harper
Director - State Regulatory
5454 W. 110th Street
Overland Park, Kansas 66211





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Third Revised Page 267 Cancels Second Revised Page 267

#### **ACCESS SERVICE**

Missouri Public

6. Switched Access Service (Cont'd) REC'D OCT 25 2002

6.8 Rates and Charges (Cont'd)

Service Commission

6.8.2 Local Transport (Cont'd)

Network Blocking Charge

Rate Per Call Blocked

- Per Call\*\*

**ICB** 

6.8.3 Local Switching

> Rate Per Access Minute

> > \$.023617

(1)

#### End Office to Tandem Rearrangement Charge

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

Per 24 Channels Converted or Fraction Thereof

> Nonrecurring Charge

> > \$56.45

ISSUED: October 25, 2002

Richard D. Lawson State Executive, External Affairs souri Public
319 Madison Service Commission DEC 1 8 2002

Jefferson City, MO 65101 17-03-6170



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Second Revised Page 267 Cancels First Revised Page 267

ACCESS SERVICE

# Service Commission

- 6. Switched Access Service (Cont'd)
  - 6.8 Rates and Charges (Cont'd)

**REC'D MAY 03 2000** 

- 6.8.2 Local Transport (Cont'd)
  - (C) Network Blocking Charge

Rate Per Call Blocked

- Per Call\*\*

ICB

6.8.3 Local Switching

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Rate Per Access Minute

.022823

DEC 1 8 2002

300 LSQUIT

(A) End Office to Tandem Rearrangement Charge

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

- Per 24 Channels Converted or Fraction Thereof

Nonrecurring Charge

(C)

\$56.45

(C)

Missouri Public Service Commission

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First Revised Page 267 Cancels Original Page 267

#### ACCESS SERVICE

6. Switched Access Service (Cont'd) NOV 2 1993

6.8 Rates and Charges (Cont'd)

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6.8.2 Local Transport (Cont'd)

(C) Network Blocking Charge

Rate Per Call Blocked

- Per Call\*\*

ICB

6.8.3 Local Switching

(D)

(1)

Rate Per Access Minute

(1)

(1)

(1)

.022823

(D)

(M)

#### End Office to Tandem Rearrangement Charge

A nonrecurring charge(s) as specified below will apply when a customer requests end office or tandem rearrangement of FGD trunks

as set forth in 6.7.1(C)(3) preceding. - Per 24 Channels converted

Or Fraction Thereof

USOC

Nonrecurring Rate

EOTRC

\$56.45

(M)

**CANCELLED** 

JUN 0 2 2000 By 2ND RP267

**Public Service Commission** 

FILED

NOV 7 1993 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

Original Page 267

ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

SEP 17 1992

6.8 Rates and Charges (Cont'd)

ROD. PUBLIC SERVICE COMM

6.8.2 Local Transport (Cont'd)

(C) Network Blocking Charge

Rate Per Call Blocked

- Per Call\*\*

ICB

6.8.3 End Office

(A) Local Switching

Rate

Per Access Minute

Premium Rates

LS1 - Originating and Terminating Feature Group A and Feature Group B

> except for Feature Groups A and B terminating calls to WATS Access Line Service

\$.0048

CANCELLED

\*\*Applies to FGD.

BY Lat R. J # 26 7 Public Service Commission MISSOURI

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE:

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