ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Access Connections

Material formerly found in this Section now appears in Section 6.1.3(B)(2) and 6.1.3(B)(3) following.

(B) Switched Transport

(C)

The Switched Transport rate category provides the transmission facilities between the customer's premises and the end office switch(es) where the customer's traffic is switched to originate or terminate the customer's communications.

Switched Transport provides a one-way or two-way voice frequency transmission path composed of facilities determined by the Telephone Company which permit the transport of calls in the originating direction and in the terminating direction, though not simultaneously. This voice frequency transmission path may be comprised of any form or configuration of plant capable of, and typically used in, the telecommunications industry for transmitting voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

Switched Transport is comprised of an Entrance Facility, Direct-Trunked Transport, Tandem-Switched Transport, and various optional features and functions. Descriptions of the Switched Transport components are provided in (1) through (5) following.

Switched Transport is ordered under the Access Order provisions set forth in Section 5 preceding. Ordering provisions as set forth in 2.4.8 preceding will apply when more than one Exchange Telephone Company is involved in the provision of a Switched Transport facility.

(C)

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

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ACCESS SERVICE

Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Access Connections

Material formerly found in this Section now appears in Section 6.1.3(B)(2) and 6.1.3(B)(3) following.

(B) Local Transport

The Local Transport rate category provides the transmission facilities between the customer's premises and the end office switch(es) where the customer's traffic is switched to originate or terminate the customer's communications. For purposes of determining Local Transport mileage, distance will be measured from the wire center that normally serves the customer's premises to the end office switch(es). Exceptions to the mileage measurement rules are set forth in 6.7.13 following.

Local Transport is a two-way voice frequency transmission path composed of facilities determined by the Telephone Company. The two-way voice frequency transmission path permits the transport of calls in the originating direction (from the end user end office switch to the customer's premises) and in the terminating direction (from the customer's premises to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

The Telephone Company will work cooperatively with the customers in determining (1) whether the service is to be directly routed to an end office switch or through an access tandem switch, and (2) directionality of the service.

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

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ACCESS SERVICE

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Switched Access Service (Cont'd)

SEP 17 1992

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

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(A) Access Connections

Material formerly found in this Section now appears in Section 6.1.3(B)(2) and 6.1.3(B)(3) following.

(B) Local Transport

The Local Transport rate category provides the transmission facilities between the customer's premises and the end office switch(es) where the customer's traffic is switched to originate or terminate the customer's communications. For purposes of determining Local Transport mileage, distance will be measured from the wire center that normally serves the customer's premises to the end office switch(es). Exceptions to the mileage measurement rules are set forth in 6.7.13 following.

Local Transport is a two-way voice frequency transmission path composed of facilities determined by the Telephone Company. The two-way voice frequency transmission path permits the transport of calls in the originating direction (from the end user end office switch to the customer's premises) and in the terminating direction (from the customer's premises to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

The Telephone Company will work cooperatively with the customers in determining, (1) whether the service is to be directly routed to an end office switch or through an access tandem switch, and (2) directionality of the service.

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d/b/a CenturyLink

ACCESS SERVICE

6. Switched Access Service (Cont'd)

General (Cont'd) 6.1

6.1.3 Rate Categories (Cont'd)

Switched Transport (Cont'd)

(C) (D)

(D)

(1) **Entrance Facility**

An Entrance Facility provides the communication path between a customer's premises and the Telephone Company's serving wire center for that premises. The Entrance Facility is dedicated to the use of a single customer and is available for use with all line side and trunk side Switched Access services. An Entrance Facility is provided even if the customer's premises and the serving wire center are located in the same building.

The Entrance Facility rate element includes the transmission medium of the facility as well as certain circuit equipment that is used at the ends of the facility and employed to provision the channels on the transmission medium. The Entrance Facility rate element also includes an Interface Group, as set forth in 6.4.3 following, which defines the technical characteristics and types of signaling capability associated with the connection (i.e., voice grade, DS1 or DS3) that comprises the Entrance Facility. The following types of Entrance Facility are available:

(a) Voice Grade Entrance Facility

Voice Grade Entrance Facility is provided in quantities of channels. Each Voice Grade channel provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 hertz (Hz) and may be terminated two-wire or four-wire. When a single Voice Grade channel is ordered to be terminated at a customer's premises where the premises is all-digital and requires a minimum digital interface level of 1.544 Mbps, the Telephone Company will provide the required interface where facilities are available.

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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) Local Transport (Cont'd)

Local Transport is provided at the rates and charges as set forth in 6.8.2 following. The application of these rates with respect to individual Feature Groups is as set forth in 6.7.1(D) following.

The number of Local Transport transmission paths provided is based on the customer's order and is determined by the Telephone Company as set forth in 6.5.5 following.

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ACCESS SERVICE

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Switched Access Service (Cont'd)

SEP 17 1992

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

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(B) Local Transport (Cont'd)

Local Transport is provided at the rates and charges as set forth in 6.8.2 following. The application of these rates with respect to individual Feature Groups is as set forth in 6.7.1(D) following.

The number of Local Transport transmission paths provided is based on the customer's order and is determined by the Telephone Company as set forth in 6.5.5 following.

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Cancels Third Revised Page 151 (T)

ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(1) Entrance Facility (Cont'd)

(a) Voice Grade Entrance Facility (Cont'd)

Technical Specifications for Voice Grade may be found in Technical Reference Publication TR-NWT-000335.

(b) DS1 Entrance Facility

DS1 Entrance Facility provides 24 channels for the transmission of nominal 56 kbps or 1.544 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer.

DS1 Entrance Facility rates may vary based on distance. The mileage used to determine the monthly rate for entrance facilities located outside a Telephone Company Central Office is the airline distance between the customer's designated premises and the Telephone Company serving wire center. The mileage measurement is determined by utilizing exchange maps and mileage tables located in designated Telephone Company offices for such purposes.

Technical specifications for DS1 may be found in Technical Reference Publication GR-342.

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(M) Material omitted from this page now appears on Page 228.1 and 228.2.

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ACCESS SERVICE

- Switched Access Service (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) Local Transport (Cont'd)
 - (2) Interface Groups

Four Interface Groups are provided for terminating the Local Transport at the customer's premises. Each Interface Group provides a specified premises interface (e.g., two-wire, four-wire, DS1, etc.). Where transmission facilities permit, the individual transmission path between the customer's premises and the first point of switching may at the option of the customer be provided with optional features as set forth in 3(a) and (b) following.

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

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

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

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

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ACCESS SERVICE

- Switched Access Service (Cont'd)
 - 6.1 General (Conl'd)
 - 6.1.3 Rate Categories (Cont'd)

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- (B) Local Transport (Cont'd)
 - (2) Interface Groups

Four Interface Groups are provided for terminating the Local Transport at the customer's premises. Each Interface Group provides a specified premises interface (e.g., two-wire, four-wire, DS1, etc.). Where transmission facilities permit, the individual transmission path between the customer's premises and the first point of switching may at the option of the customer be provided with optional features as set forth in 3(a) and (b) following.

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

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

Interface Group 1 is provided with Type C Transmission Specifications, and Interface Groups 2, 6 and 9 are provided with Type A or 8 Transmission Specifications, depending on the Feature Group and whether the Access Service is routed directly or through an access tandem. All Interface Groups are provided with Data Transmission Parameters.

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ISSUED: January 15, 2002 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: February 15, 2002 SPRINT MISSOURI, INC. d/b/a SPRINT

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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)

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- (B) Local Transport (Cont'd)
 - (2) Interface Groups

Four Interface Groups are provided for terminating the Local Transport at the customer's premises. Each Interface Group provides a specified premises interface (e.g., two-wire, four-wire, DS1, etc.). Where transmission facilities permit, the individual transmission path between the customer's premises and the first point of switching may at the option of the customer be provided with optional features as set forth in 3(a) and (b) following.

Network Channel (NC) codes, feature group and technical specifications provide the available supervisory signaling options. The combination of the interface group and supervisory signaling ordered will identify the appropriate premises interface code (network channel interface code). Feature group and technical specifications are set forth in Technical Reference TR-NWT-000334.

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

the customer's premises in order to provide the

voice frequency interface ordered by the

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

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

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ACCESS SERVICE

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

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6.1 <u>General</u> (Cont'd)

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6.1.3 Rate Categories (Cont'd)

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(B) Local Transport (Cont'd)

(2) Interface Groups

Ten Interface Groups are provided for terminating the Local Transport at the customer's premises. Each Interface Group provides a specified premises interface (e.g., two-wire, four-wire, DS1, etc.). Where transmission facilities permit, the individual transmission path between the customer's premises and the first point of switching may at the option of the customer be provided with optional features as set forth in 3(a) and (b) following.

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

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JUN 0 2 2000 JUN 0 2 2000 Public Service Commission MISSOURI Interface Group 1 is provided with Type C Transmission Specifications, and Interface Groups 2 through 10 are provided with Type A or B Transmission Specifications, depending on the Feature Group and whether the Access Service is routed directly or through an access tandem. All Interface Groups are provided with Data Transmission Parameters.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

General (Cont'd) 6.1

6.1.3 Rate Categories (Cont'd)

(B) Local Transport (Cont'd)

(2) Interface Groups (Cont'd)

Only certain premises interfaces are available at the customer's premises. The premises interfaces associated with the Interface Groups may vary among Feature Groups. The various premises interfaces which are available with the Interface Groups, and the Feature Groups with which they may be used, are set forth in (2)(e) following.

(a) Interface Group 1

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

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

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

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

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ACCESS SERVICE

Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Local Transport (Cont'd)

(2) Interface Groups (Cont'd)

Only certain premises interfaces are available at the customer's premises. The premises interfaces associated with the Interface Groups may vary among Feature Groups. The various premises interfaces which are available with the Interface Groups, and the Feature Groups with which they may be used, are set forth in (2)(e) following.

(a) Interface Group 1

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

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

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

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

General (Cont'd) 6.1

6.1.3 Rate Categories (Cont'd)

(B) Local Transport (Cont'd)

(2) Interface Groups (Cont'd)

Only certain premises interfaces are available at the customer's premises. The premises interfaces associated with the Interface Groups may vary among Feature Groups. The various premises interfaces which are available with the Interface Groups, and the Feature Groups with which they may be used, are set forth in (2)(e) following.

(a) Interface Group 1

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

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

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

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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)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

Service Commission REC'D MAY 03 2000

(B) Local Transport (Cont'd)

(2) Interface Groups (Cont'd)

Only certain premises interfaces are available at the customer's premises. The premises interfaces associated with the Interface Groups may vary among Peature Groups. The various premises interfaces which are available with the Interface Groups, and the Feature Groups with which they may be used, are set forth in (2)(e) following.

(T)

(a) Interface Group 1

(C)

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

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

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

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ACCESS SERVICE

Switched Access Service (Cont'd)

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6.1 General (Cont'd)

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6.1.3 Rate Categories (Cont'd)

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(B) Local_Transport (Cont'd)

Public Service Commission

(2) <u>Interface Groups</u> (Cont'd)

Only certain premises interfaces are available at the customer's premises. The premises interfaces associated with the Interface Groups may vary among Feature Groups. The various premises interfaces which are available with the Interface Groups, and the Feature Groups with which they may be used, are set forth in (2)(k) following.

(a) Interface Group 1 (USOC TPP1X)

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

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

The transmission path between the point of termination at the customer's premises and the first point of switching may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency 7 1992 bandwidth of 300 to 3000 Hz.

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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) Switched Transport (Cont'd)

(C) (N)

- (1) Entrance Facility (Cont'd)
 - (d) STS1 Entrance Facility

Synchronous Transport Signal Level 1 (STS1) channels provide for the SONET transmission of 51.84 Mbps of data. The signal consists of overhead and a Synchronous Payload Envelope (SPE). The overhead portion of the signal is used for controlling, framing and maintaining the signal. The SPE contains the customer information.

STS1 is provisioned over the Telephone Company's SONET network and may be configured as a stand alone two-point service or connected to an OC level SONET service or hubbed to an STS1/DS1 Multiplexer.

Customers ordering STS1 service must specify the interface requested (i.e., STS1 interface or DS3 interface) and how the signal is to be formatted (i.e., STS1, STS1 with VT1.5 mapping, or STS1 with DS3 mapping). An STS1 with VT1.5 mapping can be multiplexed to 28 DS1s using the STS1/DS1 Multiplexing optional feature set forth in 6.1.3(B)(4)(d) following. Virtual Tributary (VT) mapping is a SONET structure designed for the transport of sub-STS1 payloads. A DS1 is mapped into the SONET format using a VT1.5 as a packaging mechanism that is internal to the SONET signal.

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(M) Material omitted from this page now appears on Pages 228.3 and 228.4.

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Gary L. Kepley
Director - Regulatory Operations
5454 W. 110th Street

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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) <u>Local Transport</u> (Cont'd)
 - (2) <u>Interface Groups</u> (Cont'd)
 - (a) Interface Group 1 (Cont'd)

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

(b) Interface Group 2

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

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

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Switched Access Service (Cont'd)

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6.1 General (Cont'd)

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6.1.3 Rate Categories (Cont'd)

(B) Local Transport (Cont'd)

(2) Interface Groups (Cont'd)

(a) Interface Group 1 (Cont'd)

(C)

The interface is provided with loop supervisory signaling. When the interface is associated with FGA, such signaling will be loop start or ground start signaling. When the interface is associated with FGB, FGC or FGD, such signaling, except for two-way calling which is E_6M signaling, will be reverse battery signaling.

(b) Interface Group 2

(D)

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

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



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

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6.1 <u>General</u> (Cont'd)

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6.1.3 Rate Categories (Cont'd)

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- (B) Local Transport (Cont'd)
 - (2) <u>Interface Groups</u> (Cont'd)
 - (a) Interface Group 1 (USOC TPP1X) (Cont'd)

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

(b) Interface Group 2 (USOC TPP2X)

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

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

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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)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) Switched Transport (Cont'd)

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- (1) Entrance Facility (Cont'd)
 - (d) STS1 Entrance Facility (Cont'd)

Current SONET standards do not provide for asynchronous DS3 to DS1 multiplexing. An STS1 may be mapped for either one DS3 or 28 DS1s. However, individual DS1s within a DS3 are not accessible within the SONET architecture, and their performance cannot be guaranteed for this reason. When the customer requests that an STS1 be mapped as a DS3 multiplexed to the DS1 level, a DS3 to DS1 multiplexing arrangement will be required.

STS1 Entrance Facility rates may vary based on distance. The mileage used to determine the monthly rate for entrance facilities located outside a Telephone Company Central Office is the airline distance between the customer's designated premises and the Telephone Company serving wire center. The mileage measurement is determined by utilizing exchange maps and mileage tables located in designated Telephone Company offices for such purposes.

STS1 service is provided where SONET facilities are available with sufficient bandwidth capacity to meet the customer's request.

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Second Revised Page 154 Cancels First Revised Page 154

ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) <u>Local Transport</u> (Cont'd)
 - (2) <u>Interface Groups</u> (Cont'd)
 - (b) Interface Group 2 (Cont'd)

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

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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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6.1 General (Cont'd)

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- 6.1.3 Rate Categories (Cont'd)
 - (B) Local Transport (Cont'd)
 - (2) Interface Groups (Cont'd)
 - (b) Interface Group 2 (Cont'd)

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

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ACCESS SERVICE

6. Switched Access Service (Cont'd) RECEIVED

6.1 General (Cont'd) SEP 171992

6.1.3 Rate Categories (Cont'd)

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- (B) Local Transport (Cont'd)
 - (2) Interface Groups (Cont'd)
 - Interface Group 2 (USOC TPP2X) (Cont'd) (b)

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

(c) Interface Group 3 (USOC TPP3X)

> Interface Group 3 provides group level analog transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals between the frequencies of 60 to 108 kHz, with the capability to channelize up to 12 voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Group are reserved for Telephone Company use, e.g., pilot and carrier group slarm tones. Before the first point of switching, the Telephone Company will provide multiplex equipment to derive 12 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

The interface is provided with individual transmission path SF supervisory signaling. 7 (Tab

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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. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

Switched Transport (Cont'd)

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Entrance Facility (Cont'd) (1)

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OptiPoint Entrance Facilities (e)

OptiPoint entrance facilities provide point-to-point high speed synchronous optical fiber-based full duplex data transmission capabilities. Detailed service description for OptiPoint service is set forth in 6.2.8 following.

Direct-Trunked Transport (2)

Direct-Trunked Transport provides the communication path between the serving wire center of a customer's premises and an end office or between the serving wire center and an access tandem when transport from the access tandem to the end office is routed on circuits used in common by multiple access customers. Direct-Trunked Transport is dedicated to the use of a single customer and does not require switching at an access tandem. Direct-Trunked Transport is available for use with all line side and trunk side Switched Access services.

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) Local Transport (Cont'd)
 - (2) Interface Groups (Cont'd)

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ACCESS SERVICE

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

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6.1 General (Cont'd)

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6.1.3 Rate Categories (Cont'd)

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- (B) <u>Local Transport</u> (Cont'd)
 - (2) <u>Interface Groups</u> (Cont'd)

(d) Interface Group 4 (USOC TPP4X)

Interface Group 4 provides supergroup level analog transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals between the frequencies of 312 to 552 kHz, with the capability to channelize up to 60 voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Group are reserved for Telephone Company use, e.g., pilot and carrier group alarm tones. Before the first point of switching, the Telephone Company will provide multiplex and channel bank equipment to derive 60 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

The interface is provided with individual transmission path SF supervisory signaling.

(e) Interface Group 5 (USOC TPP5X)

Interface Group 5 provides mastergroup level analog transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals between the frequencies of 564 to 3084 kHz, with the capability to channelize up to 600 voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface; Scroup are reserved for Telephone Company use, e.g., pilot and carrier group alarmost tones. Before the first

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) Switched Transport (Cont'd)

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(2) <u>Direct-Trunked Transport</u> (Cont'd)

Direct-Trunked Transport is not available to end offices that lack recording and measuring capabilities needed to provide Direct-Trunked Transport. Direct-Trunked Transport is also not available for TFC Access Service when the required SSP function is located at the access tandem.

Direct-Trunked Transport provides for the transmission facilities between the Telephone Company's serving wire center and an end office when such facilities are not switched through an access tandem, or between the Telephone Company's serving wire center and the access tandem. This includes the transmission medium itself as well as certain circuit equipment that is used at the ends of the interoffice links and employed to provision the channels on the transmission medium and circuit equipment used within the network to manage the circuits at intermediate locations.

The Telephone Company applies a 50% billing percentage to the Direct-Trunked Transport termination (fixed) rate on jointly-owned circuits, and applies 100% on wholly-owned circuits. When the Direct-Trunked Transport facility is zero (i.e., collocated serving wire centers), neither the Direct-Trunked Transport facility (per mile) rate nor the Direct-Trunked Transport termination (fixed) rate will apply.

Direct-Trunked Transport also provides for the transmission facilities between the Telephone Company's serving wire center and a hub that interconnects facilities for both Tandem-Switched Transmission and Direct-Trunked Transport.

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

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ACCESS SERVICE

- Switched Access Service (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) Local Transport (Cont'd)
 - (2) Interface Groups (Cont'd)

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(c) Interface Group 6

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

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



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ACCESS SERVICE

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- Switched Access Service (Cont'd)
 - 6.1 General (Cont'd)

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- 6.1.3 Rate Categories (Cont'd)
 - (B) Local Transport (Cont'd)
 - (2) <u>Interface Groups</u> (Cont'd)
 - (e) <u>Interface Group 5 (USOC TPP5X)</u> (Cont'd)

point of switching, the Telephone Company will provide multiplex and channel bank equipment to derive 600 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

The interface is provided with individual transmission path SF supervisory signaling.

(f) Interface Group 6 (USOC TPP6X)

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

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

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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) <u>Switched Transport</u> (Cont'd)
 - (3) Tandem-Switched Transport

Tandem-Switched Transport provides the communication path between the access tandem and an end office that subtends that tandem, and includes tandem switching functions. Tandem-Switched Transport is available for use with all trunk side Switched Access services. Tandem-Switched Transport is not available for use with line side Switched Access services. For examples of Tandem Switched Transport see Section 2.4.8 preceding.

Effective July 1, 2021, as established in the 8YY Access Charge Reform (FCC 20-143), existing tandem switching charges and transport charges for originating 8YY traffic are eliminated and a single joint tandem switched access service rate element for 8YY originating access service is established. The 8YY originating Joint Tandem Switched Transport rate is provided at the rates set forth in 6.8.2(C)(4).

Tandem-Switched Transport provides for the transmission facilities between the access tandem and an end office that subtends the tandem. Tandem-Switched Transport is composed of four subelements:

(a) Tandem-Switched Transmission, which provides for the transmission facilities from the Telephone Company's access tandem switch to an end office subtending that tandem. This includes the transmission medium itself as well as certain circuit equipment that is used at the ends of the interoffice links and employed to derive the channels on the transmission medium, and circuit equipment used within the network to manage the circuits at intermediate locations.

The Telephone Company applies a 50% billing percentage to the Tandem-Switched Transport termination (fixed) rate on jointly-owned circuits, and applies 100% on wholly-owned circuits. When the Tandem-Switched Transport Facility is zero (i.e., collocated serving wire centers), neither the Tandem-Switched Transport Facility (per mile) rate nor the Tandem-Switched Transport Termination (fixed) rate will apply.

(b) Tandem Switching, which provides for use of the Telephone Company's access tandem.

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

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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) Switched Transport (Cont'd)
 - (3) Tandem-Switched Transport

Tandem-Switched Transport provides the communication path between the access tandem and an end office that subtends that tandem, and includes tandem switching functions. Tandem-Switched Transport is available for use with all trunk side Switched Access services. Tandem-Switched Transport is not available for use with line side Switched Access services.

Tandem-Switched Transport provides for the transmission facilities between the access tandem and an end office that subtends the tandem. For examples of Tandem Switched Transport see Section 2.4.8 preceding. Tandem-Switched Transport is composed of four subelements:

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(a) Tandem-Switched Transmission, which provides for the transmission facilities from the Telephone Company's access tandem switch to an end office subtending that tandem. This includes the transmission medium itself as well as certain circuit equipment that is used at the ends of the interoffice links and employed to derive the channels on the transmission medium, and circuit equipment used within the network to manage the circuits at intermediate locations.

The Telephone Company applies a 50% billing percentage to the Tandem-Switched Transport termination (fixed) rate on jointly-owned circuits, and applies 100% on wholly-owned circuits. When the Tandem-Switched Transport Facility is zero (i.e., collocated serving wire centers), neither the Tandem-Switched Transport Facility (per mile) rate nor the Tandem-Switched Transport Termination (fixed) rate will apply.

(b) Tandem Switching, which provides for use of the Telephone Company's access tandem.

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - General (Cont'd) 6.1
 - 6.1.3 Rate Categories (Cont'd)
 - (B) Switched Transport (Cont'd)

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Tandem-Switched Transport

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Tandem-Switched Transport provides the communication path between the access tandem and an end office that subtends that tandem, and includes tandem switching functions. Tandem-Switched Transport is available for use with all trunk side Switched Access services. Tandem-Switched Transport is not available for use with line side Switched Access services.

Tandem-Switched Transport provides for the transmission facilities between the access tandem and an end office that subtends the tandem. Tandem-Switched Transport is composed of four subelements:

Tandem-Switched Transmission, which provides for the (a) transmission facilities from the Telephone Company's access tandem switch to an end office subtending that tandem. This includes the transmission medium itself as well as certain circuit equipment that is used at the ends of the interoffice links and employed to derive the channels on the transmission medium, and circuit equipment used within the network to manage the circuits at intermediate locations.

The Telephone Company applies a 50% billing percentage to the Tandem-Switched Transport termination (fixed) rate on jointly-owned circuits, and applies 100% on whollyowned circuits. When the Tandem-Switched Transport Facility is zero (i.e., collocated serving wire centers), neither the Tandem-Switched Transport Facility (per mile) rate nor the Tandem-Switched Transport Termination (fixed) rate will apply.

(b) Tandem Switching, which provides for use of the Telephone Company's access tandem.

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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) <u>Local Transport</u> (Cont'd)
 - (2) <u>Interface Groups</u> (Cont'd)

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



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ACCESS SERVICE

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6. Switched Access Service (Cont'd)

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- 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) Local Transport (Cont'd)
 - (2) Interface Groups (Cont'd)

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ACCESS SERVICE

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Switched Access Service (Cont'd)

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6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

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- (B) <u>Local Transport</u> (Cont'd)
 - (2) <u>Interface Groups</u> (Cont'd)
 - (g) Interface Group 7 (USOC TPP7X)

Interface Group 7 provides DS1C level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 3.152 Mbps, with the capability to channelize up to 48 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 48 voice frequency transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

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

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Interface Group 8 provides DS2 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 6.312 Mbps, with the capability to channelize up

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) <u>Switched Transport</u> (Cont'd)

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- (3) <u>Tandem-Switched Transport</u> (Cont'd)
 - (c) Common Transport Multiplexing provides for the use of the multiplexing equipment at the remote, the end office, and at the access tandem. The common transport multiplexing rate element is assessed on a per minute of use basis at both the end office and tandem.
 - (d) Dedicated Transport Multiplexing provides for the use of multiplexing equipment at the end office and access tandem. The dedicated transport multiplexing rate element is a flat rated charge and is assessed at both the end office and tandem. Dedicated transport multiplexing is provided at the rates set forth in 6.8.2(E)(4)(b) following for DS3 to DS1 multiplexing.
 - (e) Tandem Trunk Port

The trunk port rate elements are defined as follows:

- Common Trunk Port

The Common Trunk Port provides for the use of shared end office trunk ports for the termination of common transport trunks for tandem or end office routed traffic.

Dedicated Trunk Port

The Dedicated Trunk Port provides for termination of a dedicated trunk as a trunk side arrangement to an end office or provides access into the access tandem at the serving wire center side of the switch.

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) Local Transport (Cont'd)
 - (2) Interface Groups (Cont'd)

Service Commission

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(d) Interface Group 9

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

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ACCESS SERVICE

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

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6.1 <u>General</u> (Cont'd)

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6.1.3 Rate Categories (Cont'd)

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- (B) Local Transport (Cont'd)
 - (2) Interface Groups (Cont'd)
 - (h) Interface Group 8 (USOC TPP8X) (Cont'd)

to 96 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment in its office to derive up to 96 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching, or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

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

(i) Interface Group 9 (USOC TPP9X)

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

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) Switched Transport (Cont'd)

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(3) <u>Tandem-Switched Transport</u> (Cont'd)

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Switched Transport is provided at the rates and charges as set forth in 6.8.2 following. The application of these rates with respect to individual Switched Access Service Arrangements is set forth in 6.7.1(D) following.

The number of Switched Transport transmission paths and terminations provided is based on the customer's order and is determined by the Telephone Company as set forth in 6.5.5 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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6.1 General (Cont'd)

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- 6.1.3 Rate Categories (Cont'd)
 - (B) Local Transport (Cont'd)
 - (2) Interface Groups (Cont'd)
 - (d) Interface Group 9 (Cont'd)

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or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

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

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

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6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

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- (B) <u>Local Transport</u> (Cont'd)
 - (2) <u>Interface Groups</u> (Cont'd)
 - (i) Interface Group 9 (USOC TPP9X) (Cont'd)

or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

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

(j) Interface Group 10 (USOC TPPAX)

Interface Group 10 provides DS4 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 274.176 Mbps, with the capability to channelize up to 4032 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 4032 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - General (Cont'd) 6.1
 - 6.1.3 Rate Categories (Cont'd)
 - (B) Switched Transport (Cont'd)

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ACCESS SERVICE

Service Commission

- 6. Switched Access Service (Cont'd)
 - 6.1 General (Cont'd)

REC'D MAY 03 2000

- 6.1.3 Rate Categories (Cont'd)
 - (B) Local Transport (Cont'd)
 - (2) Interface Groups (Cont'd)

(D)

(D)

(e) Available Premises Interface Codes

(T)

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

G)

Interface	Telephone Company Switch	Premises Interface	Feature Group				
Group	Supervisory Signaling	Code	A B C D				
Ī	LO	2LS2	X				
	LO	2L53	X				
	GO	2GS2	X				
	GO	2GS3	X				

Missouri Public Sarvice Commission

(D)

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FILED J	UN	02	2000	RV,	EA,	EG,	EC	
12.50				RV,	EA,	EB,	EC	
				RV,	EA,	EB,	EC	
				RV,	EA,	EB,	EC	
				RV,	EA,	EB,	EC	
				RV,	EA,	EB,	EG.	
				RV,	EA,	EB,	EC	
				RV,	EA,	EB,	E.C.	
				RV,	EA,	EB,	EC	

EA, EB, EC

EA, EB, EC

RV

RV

CCS

2DX3	x	X.	X	
4EA2-E	X	X	X	
4EA3-E	X	X	X	
4EA2-M	X	X	X	
4EA3-M	X	X	X	
6EB2-E	X	X	X	
6EB3-E	X	X	X	

X	X	
X	X	(N)
X	X	
X	X	(N)
X	X	
X	X	(N)
X	X	
V	V	13/1

GEB2-M	X	X	X	(N)
6EB3-M	X	X	X	
6EC2		X	X	(N)
6EC3		X	X	
2RV3-0	*	X	X	
2RV3-T	X	X	X	

X (N)

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April 30, 2007 May 3, 2000
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Service Commission

Richard D. Lawson State Executive, External Affairs

EFFECTIVE: June 2, 2000

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ACCESS SERVICE

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

SEP 17 1992

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

MISSOURI Public Service Commission

- (B) Local Transport (Cont'd)
 - (2) <u>Interface Groups</u> (Cont'd)
 - (j) Interface Group 10 (USOC TPPAX) (Cont'd)

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

(k) Available Premises Interface Codes

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JUN 022000 By トラナストルロ Public Service Commission MISSOURI Following is a matrix showing, for each Interface Group, which premises interface codes are available as a function of the Telephone Company switch supervisory signaling and Feature Group. For explanations of these codes, see the Glossary of Channel Interface Codes in 7.3.1 following.

Company Switch Supervisory Signaling	Interface Code			Group C D
LO LO GO GO LO, GO LO, GO LO, GO LO, GO LO, GO RV, EA, EB, EC	2LS2 2LS3 2GS2 2GS3 2DX3 4EA3-E 4EA3-M 6EB3-E 6EB3-M 2DX3 4EA3-E 4EA3-M 6EB3-E 6EB3-M 6EB3-C		x x x x	x x x x x x x x x x x x x x 200 x 7 1992
	Supervisory Signaling LO LO GO GO LO, GO LO, GO LO, GO LO, GO RV, EA, EB, EC	Supervisory Signaling Code LO 2LS2 LO 2LS3 GO 2GS2 GO 2GS3 LO, GO 4EA3-E LO, GO 4EA3-M LO, GO 6EB3-E LO, GO 6EB3-M RV, EA, EB, EC 2DX3 RV, EA, EB, EC 4EA3-M RV, EA, EB, EC 4EA3-M RV, EA, EB, EC 6EB3-E RV, EA, EB, EC 6EB3-M EA, EB, EC 6EB3-M EA, EB, EC 6EC3 RV 2RV3-O	Supervisory Signaling Code A LO 2LS2 X LO 2LS3 X GO 2GS2 X GO 2GS3 X LO, GO 2DX3 X LO, GO 4EA3-E X LO, GO 4EA3-M X LO, GO 6EB3-E X RV, EA, EB, EC 2DX3 X RV, EA, EB, EC 4EA3-M X RV, EA, EB, EC 4EA3-M C RV, EA, EB, EC 6EB3-E C RV, EA, EB, EC 6EB3-M C EA, EB, EC 6EC3 C RV 2RV3-O 2RV3-O	Supervisory Signaling Code A B LO 2LS2 X LO 2LS3 X GO 2GS2 X GO 2GS3 X LO, GO 2DX3 X LO, GO 4EA3-E X LO, GO 4EA3-M X LO, GO 6EB3-E X RV, EA, EB, EC 2DX3 X RV, EA, EB, EC 4EA3-E X RV, EA, EB, EC 4EA3-M X RV, EA, EB, EC 6EB3-E X RV, EA, EB, EC 6EB3-M X EA, EB, EC 6EB3-M X EA, EB, EC 6EC3 X

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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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Third Revised Page 161
Cancels Second Revised Page 161 (T)

ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) Switched Transport (Cont'd)

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ACCESS SERVICE

Missouri Public Service Commission

6. Switched Access Service (Cont'd)

REC'D MAY 03 2000

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

- (B) Local Transport (Cont'd)
- (2) Interface Groups (Cont'd)
- (e) Available Premises Interface Codes (Cont'd)

/ FTE V

Interface	Telephone	Premises		
Group	Company Switch Supervisory Signaling	Interface Code	Feature Group A B C D	
2	LO, GO	4SF2	x	720
	LO	4L52	Х	(D)
				(D)
	GO	4GS2	X	
				(D)
				(D)
				(0)
				1
				(D)
	LO, GO	6EX2-B	X	(2)
	RV, EA, EB, EC	45F2	X X X	
				(D)
	RV, EA, EB, EC	4DX2	X X X	
	2 22 02 02	200		(D)
	RV, EA, EB, EC	SDX2	X	
	RV, EA, EB, EC	6EA2-E	x x x	
	RV, EA, EB, EC RV, EA, EB, EC	6EA2-M	X X X	
		SEB2-E	X X X	
	EA, EB, EC	8EC2-M	X X	
	RV RV	4RV2-0	X X X	
	r, v	4 RV2-T	X X X	101
				(D)
	ccs	Was	Х	(D)
	CC3	4NO2	X	(N)

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Original Page 161

ACCESS SERVICE

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Switched Access Service (Cont'd)

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6.1 General (Cont'd)

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6.1.3 Rate Categories (Cont'd)

(B) Local Transport (Cont'd)

(2) <u>Interface Groups</u> (Cont'd)

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

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface Code	Feature Group A B C D
2	LO, GO	4SF2	x 5
	LO, GO	4SF3	x x x 20 10 10 10 10 10 10 10 10 10 10 10 10 10
	LO	4LS2	x ~ isi
•	LO	4LS3	x H Som
•	LO	6LS2	2000 2000 K
	GO	4GS2	x 📈 🛣 🖔 👸
	GO	4G\$3	CANCELLED JUN 0 2 2000 5+RP 6
	GO	6GS2	X Z × /·/ SSS
	LO, GO	4DX2	X X X X X X X X X X X X X X X X X X X
	LO, GO	4DX3	x x x X X X X X X X X X X X X X X X X X
	LO, GO	6EA2-E	x <u>₹</u> 2
	LO, GO	6EA2-M	x ⁻ =
	LO, GO	8EB2-E	X Q
	LO, GO	8EB2-M	X
	LO, GO	6EX2-B	X
	RV, EA, EB, EC	4SF2	ххх
	RV, EA, EB, EC	4SF3	X
	RV, EA, EB, EC	4DX2	x x x
	RV, EA, EB, EC	4DX3	X
	RV, EA, EB, EC	6DX2	X
	RV, EA, EB, EC	6EA2-E	x x x
	RV, EA, EB, EC	6EA2-M	x x x
	RV, EA, EB, EC	8EB2-E	x x x
	RV, EA, EB, EC	8EB2-M	x x x
	EA, EB, EC	8EC2-M	X X
	RV	4RV2-0	x x x
	RV	4RV2-T	x x x
	RV	4RV3-0	ХХ
	RV	4RV3-T	X X ()

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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

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) Switched Transport (Cont'd)

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Interface

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Feature Group

ACCESS SERVICE

Service Commission

- Switched Access Service (Cont'd)
 - 6.1 General (Cont'd)

REC'D MAY 0 3 2000

6.1.3 Rate Categories (Cont'd)

Telephone

Company Switch

- (B) Local Transport (Cont'd)
 - (2) Interface Groups (Cont'd)
 - (e) Available Premises Interface Codes (Cont'd) (T)

Premises

Interface

Group	Supervisory Signaling	Code	_A_	В	C	D	
							(D)
							V.
							(D)
6	LO, GO	4D\$9-15	X				- 1 -
	LO, GO	4DS9-15L	X				
	RV, EA, EB, EC	4DS9-15		X	X	X	
	RV, EA, EB, EC	4DS9-15L		X	X	X X	
	CCS	4DS9-15					(24)
	CCS	4DS9-1SN				X X X	
	CCS	4DS9-1BN				X	
	CCS	4DS9-1SB				X	(Ŋ)
							(D)

(D)

(M)

LO, GO 4DS6-44 LO, GO 4DS6-44L RV, EA, EB, EC 4DS6-44 RV, EA, EB, EC 4DS6-44L

CCS

4DS6-44L X 4DS6-44 X X X 4DS6-44L X X X 4DS6-44 X

X

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ACCESS SERVICE

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

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6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

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Public Service Commission

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(B) Local Transport (Cont'd)

(2) <u>Interface Groups</u> (Cont'd)

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RV, EA, EB, EC

RV, EA, EB, EC

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

4DS6-44

4DS6-44L

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Public Et vice Commission		(Cont'd)					
MISSOURI			Premises				
Interface	Telephone Company Switch	L	Interface	r.	.	~ ~	roup
•	2 4						
Group	Supervisory Sign	BIINK	Code		ь	С	<u> </u>
3	LO, GO		4AH5-B	x			
	RV, EA, EB, EC		4AH5-B		X	X	X
4	Lo, Go		4AH6-C	х			
	RV, EA, EB, EC		4AH6-C		X	X	X
5	LO, GO		4AH6-D	х			
	RV, EA, EB, EC		4AH6-D		X	X	X
6	LO, GO		4DS9-15	х			
	LO, GO		4DS9-15L	х			
	RV, EA, EB, EC		4DS9-15		X	X	X
	RV, EA, EB, EC	•	4DS9-15L		X	X	X
7	LO, GO		4DS9~31	x			
	LO, GO		4DS9-31L	X			
	RV, EA, EB, EC		4DS9-31		X	X	X
	RV, EA, EB, EC		4DS9-31L		X	X	X
в	Lo, Go		4DSO-63	x			
	LO, GO		4DS0-63L	X			
	RV, EA, EB, EC		4DSO-63		X	X	X
	RV, EA, EB, EC		4DSO-63L		X	X	X
9	LO, GO		4DS6-44	x			
	LO, GO		4DS6-44L	X			
							-

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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)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) <u>Local Transport</u> (Cont'd)

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



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ACCESS SERVICE

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- Switched Access Service (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) Local Transport (Cont'd)



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





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ACCESS SERVICE

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

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6.1 <u>General</u> (Cont'd)

6.1.3 Rate Categories (Cont'd)

MISSOURI
Public Service Commission

(B) Local Transport (Cont'd)

(2) Interface Groups (Cont'd)

(k) <u>Available Premises Interface Codes</u> (Cont'd)

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface <u>Code</u>	Feature Group A B C D
10	LO, GO	4D\$6-27	x
	LO, GO	4DS6-27L	X
	RV, EA, EB, EC	4DS6-27	$\mathbf{x} \cdot \mathbf{x} \cdot \mathbf{x}$
1	RV, EA, EB, EC	4DS6-27L	$\mathbf{x} \cdot \mathbf{x} \cdot \mathbf{x}$

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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)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) Switched Transport (Cont'd)

(C)

(3) Nonchargeable Optional Features

Where transmission facilities permit, the Telephone Company will, at the option of the customer, provide the following optional features in association with the Interface Groups listed in 6.4.3 following. Only those Interface Groups referenced with each optional feature will be provided with that feature.

(C)

(a) Supervisory Signaling

Where the transmission parameters permit, and where signaling conversion is required by the customer to meet its signaling capability, the customer may order an optional supervisory signaling arrangement for each transmission path provided as follows:

For Interface Groups 1 and 2

DM Supervisory Signaling, E&M Type I Supervisory Signaling, E&M Type II Supervisory Signaling, or E&M Type III Supervisory Signaling

- For Interface Group 2

SF Supervisory Signaling, or Tandem Supervisory Signaling

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ACCESS SERVICE

Missouri Public

6. Switched Access Service (Cont'd)

REC'D JAN 07 2002

6.1 General (Cont'd)

Service Commission

- 6.1.3 Rate Categories (Cont'd)
 - (B) Local Transport (Cont'd)
 - (3) Nonchargeable Optional Features

Where transmission facilities permit, the Telephone Company will, at the option of the customer, provide the following optional features in association with the Interface Groups 1, 2, 6 and 9 preceding. Only those Interface Groups referenced with each optional feature will be provided with that feature.

(T)

(a) Supervisory Signaling

Where the transmission parameters permit, and where signaling conversion is required by the customer to meet its signaling capability, the customer may order an optional supervisory signaling arrangement for each transmission path provided as follows:

For Interface Groups 1 and 2

DM Supervisory Signaling, E&M Type I Supervisory Signaling, E&M Type II Supervisory Signaling or E&M Type III Supervisory Signaling

For Interface Group 2

SF Supervisory Signaling, or Tandem Supervisory Signaling

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EFFECTIVE: February 7, 2002

ISSUED: January 7, 2002 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 SPRINT MISSOURI, INC. d/b/a SPRINT

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ACCESS SERVICE

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

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- 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) Local Transport (Cont'd)
 - (3) Nonchargeable Optional Features

Where transmission facilities permit, the Telephone Company will, at the option of the customer, provide the following optional features in association with the Interface Groups listed in (1) through (9) preceding. Only those Interface Groups referenced with each optional feature will be provided with that feature.

(T)

(a) Supervisory Signaling

Where the transmission parameters permit, and where signaling conversion is required by the customer to meet its signaling capability, the customer may order an optional supervisory signaling arrangement for each transmission path provided as follows:

For Interface Groups 1 and 2

DM Supervisory Signaling,
E&M Type I Supervisory Signaling,
E&M Type II Supervisory Signaling, or
E&M Type III Supervisory Signaling

- For Interface Group 2

SF Supervisory Signaling, or Tandem Supervisory Signaling

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ACCESS SERVICE

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Switched Access Service (Cont'd)

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6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

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(B) Local Transport (Cont'd)

(3) Nonchargeable Optional Features

Where transmission facilities permit, the Telephone Company will, at the option of the customer, provide the following optional features in association with the Interface Groups listed in (1) through (10) preceding. Only those Interface Groups referenced with each optional feature will be provided with that feature.

(a) Supervisory Signaling

Where the transmission parameters permit, and where signaling conversion is required by the customer to meet its signaling capability, the customer may order an optional supervisory signaling arrangement for each transmission path provided as follows:

For Interface Groups 1 and 2

DM Supervisory Signaling, ELM Type I Supervisory Signaling, ELM Type II Supervisory Signaling, or ELM Type III Supervisory Signaling

For Interface Group 2

SF Supervisory Signaling, or Tandem Supervisory Signaling

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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. Switched Access Service (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) <u>Switched Transport</u> (Cont'd)

(C)

- (3) Nonchargeable Optional Features (Cont'd)
 - (a) <u>Supervisory Signaling</u> (Cont'd)
 - For Interface Groups 6 and 9

These Interface Groups may, at the option of the customer, be provided with individual transmission path SF supervisory signaling where such signaling is available in Telephone Company central offices. Generally such signaling is available only where the entry switch provides an analog, i.e., non digital, interface to the transport termination and a portion of the facility between the analog entry switch and the customer's premises is analog.

(b) <u>Improved Return Loss</u>

This feature provides Improved Return Loss, expressed as Echo Return Loss and Singing Return Loss, on two-wire ports of a four-wire point of termination. The specific parameters guaranteed are set forth in 6.4.1 following. This feature is available with all Feature Groups.

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(M) Material omitted from this page now appears on Page 165.1.

ISSUED: May 1, 2012 Gary L. Kepley
Director - Regulatory Operations
5454 W. 110th Street
Overland Park, Kansas 66211

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)



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- (B) Local Transport (Cont'd)
 - (3) Nonchargeable Optional Features (Cont'd)
 - (a) Supervisory Signaling (Cont'd)
 - For Interface Groups 6 and 9

(C)

These Interface Groups may, at the option of the customer, be provided with individual transmission path SF supervisory signaling where such signaling is available in Telephone Company central offices. Generally such signaling is available only where the entry switch provides an analog, i.e., non digital, interface to the transport termination and a portion of the facility between the analog entry switch and the customer's premises is analog.

(b) Improved Return Loss

This feature provides Improved Return Loss, expressed as Scho Return Loss and Singing Return Loss, on two-wire ports of a four-wire point of termination. The specific parameters guaranteed are set forth in 6.4.1 following. This feature is available with all Feature Groups.

- (4) Chargeable Optional Features
 - (a) Provision of Other Than Telephone Company Selected Traffic Routing

This option allows the customer to specify a particular traffic routing for trunk groups in lieu of Telephone Company selected routing, i.e., the customer may specify that the routing be on a direct trunk basis or via an access tandem. It is available with Feature Groups B, C, D, Interim 500, TFC and 900 Access Service.

FILED JUN 02 2000

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

EFFECTIVE: June 2, 2000



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ACCESS SERVICE

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- Switched Access Service (Cont'd)
 - 6.1 General (Cont'd)

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- 6.1.3 Rate Categories (Cont'd)
 - (B) <u>Local Transport</u> (Cont'd)

MISSOURI Public Service Commission

- (3) Nonchargeable Optional Features (Cont'd)
 - (a) Supervisory Signaling (Cont'd)
 - For Interface Groups 6 through 10

These Interface Groups may, at the option of the customer, be provided with individual transmission path SF supervisory signaling where such signaling is available in Telephone Company central offices. Generally such signaling is available only where the entry switch provides an analog, i.e., non digital, interface to the transport termination and a portion of the facility between the analog entry switch and the customer's premises is analog.

(b) Improved Return Loss

This feature provides Improved Return Loss, expressed as Echo Return Loss and Singing Return Loss, on two-wire ports of a four-wire point of termination. The specific parameters guaranteed are set forth in 6.4.1 following. This feature is available with all Feature Groups.

- (4) Chargeable Optional Features
 - (a) Provision of Other Than Telephone Company Selected Traffic Routing

This option allows the customer to specify a particular traffic routing for trunk groups in lieu of Telephone Company selected routing, i.e., the customer may specify that the routing be on a direct trunk basis or via an access tandem. It is available with Feature Groups B, C, D, Interim 500, TFC and 900 Access Service.

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Public Service Commission

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MC.PUZZESHVICE COMM EFFECTIVE: April 29, 1996

ISSUED: March 27, 1996

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

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Overland Park, Kansas 66211

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ACCESS SERVICE

6. Switched Access Service (Cont'd) RECEIVED

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

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(B) Local Transport (Cont'd)

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- (3) Nonchargeable Optional Features (Cont'd)
 - (a) Supervisory Signaling (Cont'd)
 - For Interface Groups 6 through 10

These Interface Groups may, at the option of the customer, be provided with individual transmission path SF supervisory signaling where such signaling is available in Telephone Company central offices. Generally such signaling is available only where the entry switch provides an analog, i.e., non digital, interface to the transport termination and a portion of the facility between the analog entry switch and the customer's premises is analog.

(b) Improved Return Loss

> This feature provides Improved Return Loss, expressed as Echo Return Loss and Singing Return Loss, on two-wire ports of a four-wire point of termination. The specific parameters guaranteed are set forth in 6.4.1 following. This feature is available with all Feature Groups.

- (4) Chargeable Optional Features
 - Provision of Other Than Telephone Company (a) Selected Traffic Routing

This option allows the customer to specify a particular traffic routing for trunk groups in lieu of Telephone Company selected routing, i.e., the customer may specify that the routing be on a direct trunk basis or via an access tandem. It is available with Feature Groups B, C, D, Interim 500, 800 and 900 Access Service.

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ISSUED:

January 11, 1995

BY: John L. Roe

EFFECTIVE: February 11, 1995

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

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

SEP 17 1992

- 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)

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- (B) Local Transport (Cont'd)
 - (3) Nonchargeable Optional Features (Cont'd)
 - (a) <u>Supervisory Signaling</u> (Cont'd)
 - For Interface Groups 6 through 10

These Interface Groups may, at the option of the customer, be provided with individual transmission path SF supervisory signaling where such signaling is available in Telephone Company central offices. Generally such signaling is available only where the entry switch provides an analog, i.e., non digital, interface to the transport termination and a portion of the facility between the analog entry switch and the customer's premises is analog.

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Improved Return Loss

This feature provides Improved Return Loss, expressed as Echo Return Loss and Singing Return Loss, on two-wire ports of a four-wire point of termination. The specific parameters guaranteed are set forth in 6.4.1 following. This feature is available with all Feature Groups.

- (4) Chargeable Optional Features
 - (a) Provision of Other Than Telephone Company Selected Traffic Routing

This option allows the customer to specify a particular traffic routing for trunk groups in lieu of Telephone Company selected routing, i.e., the customer may specify that the routing be on a direct trunk basis or via an access tandem. It is available with Feature Groups By C and 92 D.

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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)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) <u>Switched Transport</u> (Cont'd)

(C)

(3) Nonchargeable Optional Features (Cont'd)

(N)

(c) <u>Data Transmission Parameters</u>

Where transmission facilities permit, the Customer may order Data Transmission Parameters for each transmission path in association with Interface Groups 2, 6 and 9. This feature includes the provision of trouble testing by the Telephone Company, either independently or cooperatively with the Customer, of parameters normally associated with data transmission. The Telephone Company will, upon receipt of a trouble report from the Customer, conduct tests either independently or cooperatively with the Customer as appropriate, and take any necessary action to ensure that the parameters set forth in Section 6.4.2(A) or 6.4.2(B) are met. In those cases where the Customer specifically requests that Telephone Company personnel conduct tests, Maintenance of Service charges will be imposed where applicable in accordance with Section 13.3.1.

(N)

(4) Chargeable Optional Features

(M)

(a) <u>Provision of Other Than Telephone Company Selected</u> <u>Traffic Routing</u>

This option allows the customer to specify a particular traffic routing for trunk groups in lieu of Telephone Company selected routing, i.e., the customer may specify that the routing be on a direct trunk basis or via an access tandem. It is available with Feature Groups B, C, D, Interim 500, TFC and 900 Access Service.

(M)

(M) This material previously appeared on Page 165.

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

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) <u>Switched Transport</u> (Cont'd)

(C)

- (4) Chargeable Optional Features (Cont'd)
 - (b) <u>Customer Specification of Feature Group Directionality</u>

This option allows the customer to specify that the operation of a trunk group will be one-way originating or terminating calling in lieu of Telephone Company selected two-way calling or, alternatively, that operation will be two-way calling in lieu of Telephone Company selected one-way calling. It is available with Feature Groups B, C and D.

(c) <u>Customer Specification of Switched Transport</u>
<u>Termination</u>

This option allows the customer to specify, for Feature Group B routed directly to an end office or access tandem, a four-wire termination of the Switched Transport at the entry switch in lieu of a Telephone Company selected two-wire termination. This option is available only when the Feature Group B arrangement is provided with Type B Transmission Specifications.

These options are rated on an individual case basis with both nonrecurring charges and monthly recurring rates applying.

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(C)

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(M) Material omitted from this page now appears on Page 168

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ACCESS SERVICE

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- 6. Switched Access Service (Cont'd)
 - 6.1 General (Cont'd)
 - 6,1.3 Rate Categories (Cont'd)
 - (B) Local Transport (Cont'd)
 - (4) Chargeable Optional Features (Cont'd)
 - (b) <u>Customer Specification of Feature Group</u>
 <u>Directionality</u>

This option allows the customer to specify that the operation of a trunk group will be one-way originating or terminating calling in lieu of Telephone Company selected two-way calling or, alternatively, that operation will be two-way calling in lieu of Telephone Company selected one-way calling. It is available with Feature Groups B, C and D.

(c) <u>Customer Specification of Local Transport</u> <u>Termination</u>

This option allows the customer to specify, for Feature Group B routed directly to an end office or access tandem, a four-wire termination of the Local Transport at the entry switch in lieu of a Telephone Company selected two-wire termination. This option is available only when the Feature Group B arrangement is provided with Type B Transmission Specifications.

These options are rated on an individual case basis with both nonrecurring charges and monthly recurring rates applying.

(C) Local Switching

The Local Switching rate category provides the local end office switching and end user termination functions necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. The intercept function informs a caller why a call, as dialed, could not be completed, and if possible, provides the caller with information required to complete the call.

Directory Assistance Service and the applicable rates for it are set forth in Section 9, following.

ISSUED: November 3, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street MA 93-181 NOV 7 1393 EFFECTIVE: November 7, 1993 1)

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April 30, 2007,

Missouri Public
Service Commission

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ACCESS SERVICE

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

SEP 17 1992

6.1 General (Cont'd)

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6.1.3 Rate Categories (Cont'd)

(B) Local Transport (Cont'd)

(4) <u>Chargeable Optional Features</u> (Cont'd)

(b) <u>Customer Specification of Feature Group</u>
<u>Directionality</u>

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This option allows the customer to specify that the operation of a trunk group will be one-way originating or terminating calling in lieu of Telephone Company selected two-way calling or, alternatively, that operation will be two-way calling in lieu of Telephone Company selected one-way calling. It is available with Feature Groups B, C and D.

(c) <u>Customer Specification of Local Transport</u> <u>Termination</u>

This option allows the customer to specify, for Feature Group B routed directly to an end office or access tandem, a four-wire termination of the Local Transport at the entry switch in lieu of a Telephone Company selected two-wire termination. This option is available only when the Feature Group B arrangement is provided with Type B Transmission Specifications.

These options are rated on an individual case basis with both nonrecurring charges and monthly recurring rates applying.

(C) End Office

The End Office rate category provides the local end office switching and end user termination functions necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. The End Office rate category includes the Local Switching.

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Third Revised Page 167 Cancels Second Revised Page 167 (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

General (Cont'd) 6.1

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(C)

Chargeable Optional Features (Cont'd) (4)

(N)

(d) Multiplexing

Multiplexing provides for arrangements to convert a single higher capacity or bandwidth circuit for bulk transport to several lower capacity or bandwidth circuits. Multiplexing is only available at Telephone Company designated Hubs (end offices) arranged for multiplexing or at the access tandem trunk on the serving wire center side of the access tandem. All types of multiplexing may not be available at each Hub location.

Listed below are the multiplexing arrangements offered with switched access.

1. DS1 to Voice

An arrangement that multiplexes twenty-four voice grade circuits to single DS1 digital circuit at a rate of 1.544 Mbps, or multiplexes a single DS1 digital circuit at a rate of 1.544 Mbps to twenty-four voice grade circuits.

2. DS3 to DS1

An arrangement that multiplexes twenty-eight DS1 digital circuits to a single DS3 digital circuit at rate of 44.736 Mbps, or multiplexes a single DS3 digital circuit at a rate of 44.736 Mbps to twenty-eight DS1 digital circuits.

3. STS1/DS1 Multiplexing

An arrangement that provides transport of sub-STS1 payloads by converting an STS1 with VT1.5 mapping to 28 DS1s. The STS1/DS1 Multiplexing feature is available at Telephone Company provided fiber optic terminals equipped with VT1.5 configuration cards.

The rates and charges applicable for multiplexing options described in (d) preceding are set forth in 6.8.2(E) following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(C) Local Switching (Cont'd)

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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

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Switched Access Service (Cont'd)

SEP 17 1992

6.1 General (Cont'd)

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6.1.3 Rate Categories (Cont'd)

(C) End Office (Cont'd)

Line Termination, Intercept and Information (i.e., Directory Assistance) rate elements. Directory Assistance Service and the applicable rates for it are set forth in Section 9. following.

(1) Local Switching

The Local Switching rate element provides for the use of end office switching equipment. It is divided into two distinct categories, i.e., LS1 and LS2. The first category, LS1, provides local dial switching for Feature Groups A and B. The second category, LS2, provides local dial switching for Feature Groups C and D.

LS1 for originating and terminating Feature Groups A and B, except when FGA or FGB is used to terminate calls to WATS Access Line Service;

LS2 for originating and terminating Feature Groups C and D, and for FGA and FGB when used to terminate calls to WATS Access Line Service:

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

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ACCESS SERVICE

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- 6. Switched Access Service (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) Switched Transport (Cont'd)
 - Residual Interconnection Charge

The Residual Interconnection Charge recovers the costs associated with Local Transport that are not recovered by the Entrance Facility, Direct Trunked Transport, Tandem Switched Transport, Multiplexing or dedicated signaling (i.e., SS7) rates. The Residual Interconnection Charge specified in Section 6.8.2(D) following applies to both Tandem Switched and Direct Trunked access minutes of use.

The Residual Interconnection Charge does not apply when the Telephone Company has identified in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4, Wire Center Information, that it has not received a bona fide request for Direct Trunked Transport and is therefore applying Switched Transport Facility and Switched Transport Termination rates and charges instead of Tandem Switched Facility, Tandem Switched Termination, and Tandem Switching rates and charges.

ISSUED: May 1, 2012 Embarq Missouri, Inc. d/b/a CenturyLink

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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (C) Local Switching

The Local Switching rate element provides for the use of end office switching equipment for the termination of end user lines in the local end office, and for the termination of a call at a Telephone Company operator or recording. End user lines may be provided as either Common Lines or Special Access Channel Terminations utilized for connection with Switched Access Service at Telephone Company designated WATS Serving Offices. Common Lines are discussed in Sections 3. and 4. preceding, while Special Access Channel Terminations are discussed in Section 7. following. There are various types of originating and terminating line side terminations depending on the type of signaling used (i.e., loop start or ground start). Line side terminations are available with either dial pulse or dual tone multifrequency address signaling.

The intercept function informs a caller why a call, as dialed, could not be completed, and if possible, provides the caller with information required to complete the call.

The premium charge is divided into two distinct categories, i.e., LS1 and LS2. The first category, LS1, provides local dial switching for Feature Groups A and B when the traffic originates from or terminates at an equal access end office The second category, LS2, provides local dial switching for Feature Groups C and D.

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Embarq Missouri, Inc. d/b/a CenturyLink

Third Revised Page 168 Cancels Second Revised Page 168 (T)

ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - General (Cont'd) 6.1
 - 6.1.3 Rate Categories (Cont'd)
 - (C) Local Switching

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The Local Switching rate category provides the local end office switching and end user termination functions necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. The intercept function informs a caller why a call, as dialed, could not be completed, and if possible, provides the caller with information required to complete the call.

Directory Assistance Service and the applicable rates for it are set forth in Section 9, following.

(M) This material previously appeared on Page 166.

ISSUED: May 1, 2012 Embarq Missouri, Inc. d/b/a Embarq

Second Revised Page 168 Cancels First Revised Page 168

ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (C) <u>Local Switching</u> (Cont'd)
 - (1) <u>Local Switching</u> (Cont'd)

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



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ACCESS SERVICE

- Switched Access Service (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (C) Local Switching (Cont'd)
 - (1) Local Switching (Cont'd)

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Missouri Public
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ACCESS SERVICE

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

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6.1 General (Cont'd)

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6.1.3 Rate Categories (Cont'd)

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(C) End Office (Cont'd)

(1) Local Switching (Cont'd)

Rates for LS1 and LS2 are set forth in 6.8.3(A) following. The application of these rates with respect to individual Feature Groups is as set forth in 6.7.1(D) following.

There are two types of local switching functions, i.e., Common Switching functions and Transport Termination functions. These are described in (a) and (b) following.

(a) Common Switching

Common Switching provides the local end office switching functions associated with the various access (i.e., Feature Group) switching arrangements. The Common Switching arrangements provided for the various Feature Group arrangements are described in 6.2 following.

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Included as part of Common Switching are optional features which the customer can order to meet its specific communications requirements. These optional features are described in 6.3.1 following.

(b) Transport_Termination

Transport Termination provides for the line or trunk side arrangements which terminate the Local Transport facilities. Included as part of Transport Termination are various nonchargeable optional termination arrangements. These optional terminating arrangements are described in 6.3.2 following.

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

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Second Revised Page 169 Cancels First Revised Page 169

ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (C) <u>Local Switching</u> (Cont'd)

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6.1 General (Cont'd)

Switched Access Service (Cont'd)

6.1.3 Rate Categories (Cont'd)

(C) Local Switching (Cont'd)

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November 7, 1993

ISSUED: November 3, 1993

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)

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6.1 General (Cont'd)

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- 6.1.3 Rate Categories (Cont'd)
 - (C) End Office (Cont'd)
 - (1) Local Switching (Cont'd)
 - (b) Transport Termination (Cont'd)

The number of Transport Terminations provided will be determined by the Telephone Company as set forth in 6.5.6 following.

(2) <u>Line Termination</u>

The Line Termination rate element provides the terminations for the end user lines terminating in the local end office. There are two types of Line Terminations, (i.e., Common Line Terminations and WATS Access Line terminations).

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Public Service Commission

The WATS Access Line terminations are differentiated by line side vs. trunk side terminations. The standard WATS Access Line arrangement is available with a line side termination. There are various types of originating and terminating line side terminations depending on the type signaling associated with the WATS Access Line (i.e., loop start or ground start). Line side terminations are available with either dial pulse or dual tone multifrequency address signaling.

Line Termination rates are as set forth in 6.8.3(B) following. The application of these rates with respect to individual Feature Groups is as set forth in 6.7.1(D) following.

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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (D) Toll Free Code (TFC) Access Service

The TFC Access Service Data Base Query Charge, as set forth in Section 6.8.4(A) following, will apply for each TFC call query received at the Telephone Company's TFC data base. Per query charges will be accumulated over a monthly period and billed to the customer on a monthly basis.

Included as a part of TFC Access Service are various optional service features, described in Section 6.2.5 following, which the customer may specify to meet its specific requirements. The rates for the TFC Data Base Optional Service Features are set forth in Section 6.8.4(B) following and will apply on a per query basis. When a combination of one or more optional service features is specified, only one such charge shall apply. Per query service option charges will be accumulated over a monthly period and billed to the customer on a monthly basis.

(E) 900 Access Service Nonrecurring Charges

The 900 Access Service nonrecurring charge is assessed depending upon how the service is ordered:

- (1) If the service is ordered for the state or LATA, the customer charge for the assembly of route tables is assessed for each end office the Telephone Company serves in the state or LATA. A second nonrecurring charge element applies per NXX activated or deactivated, times the number of Telephone Company access tandems or end offices modified to perform six digit screening for 900 Access Service.
- (2) The second alternative allows for the service to be ordered to only one access tandem or end office performing six digit screening. The customer charge for the assembly of route tables is assessed for each end office subtending the access tandem (including a collocated end office, if applicable). A second nonrecurring charge element applies per NXX activated or deactivated, times the designated Telephone Company access tandem(s) or end office(s) modified to perform six digit screening for 900 Access Service. This option can be applied repetitively to different tandems to customize the intended offering area.

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6. Switched Access Service (Cont'd)

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6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

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Toll Free Code (TFC) Access Service (D)

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The TFC Access Service Data Base Query Charge, as set forth in Section 6.8.4(A) following, will apply for each TFC call query received at the Telephone Company's TFC data base. Per query charges will be accumulated over a monthly period and billed to the customer on a monthly basis.

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Included as a part of TFC Access Service are various optional service features, described in Section 5.2.5 following, which the customer may specify to meet its specific requirements. The rates for the TFC Data Base Optional Service Features are set forth in Section 6.8.4(B) following and will apply on a per query basis. When a combination of one or more optional service features is specified, only one such charge shall apply. Per query service option charges will be accumulated over a monthly period and billed to the customer on a monthly basis.

(E) 900 Access Service Nonrecurring Charges

> The 900 Access Service nonrecurring charge is assessed depending upon how the service is ordered:

- If the service is ordered for the state or LATA, the customer charge for the assembly of route tables is assessed for each end office the Telephone Company serves in the state or LATA. A second nonrecurring charge element applies per NXX activated or deactivated, times the number of Telephone Company access tandems or end offices modified to perform six digit screening for 900 Access Service.
- (2) The second alternative allows for the service to be ordered to only one access tandem or end office performing six digit screening. The customer charge for the assembly of route tables is assessed for each end office subtending the access tandem (including a collocated end office, if applicable). A second nonrecurring charge element applies per NXX activated or deactivated, times the designated Telephone Company access tandem(s) or end office(s) modified to perform six digit screening for 900 Access Service. This option can be applied repetitively to different tandems to customize the intended offering area.

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ISSUED: March 27, 1996

BY: John L. Roe

EFFECTIVE: April 29, 1996

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)

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6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

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(D) 800 Access Service

The 800 Access Service Data Base Qually Williams Fraction. forth in Section 6.8.4(A) following, will apply for each 800 call query received at the Telephone Company's 800 data base. Per query charges will be accumulated over a monthly period and billed to the customer on a monthly basis.

Included as a part of 800 Access Service are various optional service features, described in Section 6.2.5 following, which the customer may specify to meet its specific requirements. The rates for the 800 Data Base Optional Service Features are set forth in Section 6.8.4(B) following and will apply on a per query basis. When a combination of one or more optional service features is specified, only one such charge shall apply. Per query service option charges will be accumulated over a monthly period and billed to the customer on a monthly basis.

(E) 900 Access Service Nonrecurring Charges

The 900 Access Service nonrecurring charge is assessed depending upon how the service is ordered:

- (1) If the service is ordered for the state or LATA, the customer charge for the assembly of route tables is assessed for each end office the Telephone Company serves in the state or LATA. A second nonrecurring charge element applies per NXX activated or deactivated, times the number of Telephone Company access tandems or end offices modified to perform six digit screening for 900 Access Service.
- (2) The second alternative allows for the service to be ordered to only one access tandem or end office performing six digit screening. The customer charge for the assembly of route tables is assessed for each end office subtending the access tandem (including a collocated end office, if applicable). A second nonrecurring charge element applies per NXX activated or deactivated, times the designated Telephone Company access tandem(s) or end office(s) modified to perform six digit screening for 900 Access Service. This option can be applied repetitively to different tandems to customize the intended offering area.

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BY The RISSOURI Public Service Commission Public Service Commission Public Service Commission

ISSUED: January 11, 1995

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Overland Park, Kansas 66211

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

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6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

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(C) <u>Local Switching</u> (Cont'd)

(D) 800 Access Service

The 800 Access Service Data Base Query Charge, as set forth in Section 6.8.4(A) following, will apply for each 800 call query received at the Telephone Company's 800 data base. Per query charges will be accumulated over a monthly period and billed to the customer on a monthly basis.

Included as a part of 800 Access Service are various optional service features, described in Section 6.2.5 following, which the customer may specify to meet its specific requirements. The rates for the 800 Data Base Optional Service Features are set forth in Section 6.8.4(B) following and will apply on a per query basis. When a combination of one or more optional service features is specified, only one such charge shall apply. Per query service option charges will be accumulated over a monthly period and billed to the customer on a monthly basis.

6.1.4 Special Facilities Routing

Any customer may request that the facilities used to provide Switched Access Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are as set forth in 11. following: (FD)

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ACCESS SERVICE

б. Switched Access Service (Cont'd)

General (Cont'd)

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6.1.3 Rate Categories (Cont'd)

(C) End Office (Cont'd) M.O. PUBLIC SERVICE COMM.

(3) Intercept Rate

The Intercept rate element provides for the termination of a call at a Telephone Company Intercept operator or recording. The operator or recording tells a caller why a call, as dialed, could not be completed, and if possible, provides the correct number.

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Intercept rates are assessed to a customer based on the total number of access minutes. Intercept rates are applied as set forth in BY Service Commission test with respect to individual Feature Groups is as set forth in 6.7 1/20 Patential Feature Groups

> The number of end office switching transmission paths provided will be determined as set forth in 6.5.5 following.

(D) 800 Access Service

The 800 Access Service Data Base Query Charge, as set forth in Section 6.8.4(A) following, will apply for each 800 call query received at the Telephone Company's 800 data base. Per query charges will be accumulated over a monthly period and billed to the customer on a monthly basis.

Included as a part of 800 Access Service are various optional service features, described in Section 6.2.5 following, which the customer may specify to meet its specific requirements. The rates for the 800 Data Base Optional Service Features are set forth in Section 6.8.4(B) following and will apply on a per query basis. When a combination of one or more optional service features is specified, only one such charge shall apply. Per query service option charges will be accumulated over a monthly period and billed to the customer on a monthly basis.

6.1.4 Special Facilities Routing

Any customer may request that the facilities used to provide Switched Access Service be specially routed. The TIMY 0 11993 regulations, rates and charges for Special Facilities' Routing (i.e., Avoidance, Diversity and Cable-Only), are asing Min. set forth in 11. following.

ISSUED: March 31, 1993

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

EFFECTIVE: May 1, 1993 (N)

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Original Page 170

ACCESS SERVICE

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6. Switched Access Service (Cont'd)

SEP 17 1992

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

MISSOURI Public Service Commission

(C) End Office (Cont'd)

(3) Intercept

The Intercept rate element provides for the termination of a call at a Telephone Company Intercept operator or recording. The operator

MAY I STATE COMMISSION Intercept rates are assessed to a customer based on the total number of access minutes.

Intercept rates are applied as set form

6.8.3(C) following. The arm

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The number of end office switching transmission paths provided will be determined as set forth in 6.5.5 following.

6.1.4 Special Facilities Routing

Any customer may request that the facilities used to provide Switched Access Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are as set forth in 11. following.

6.1.5 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the makeup of the facilities and services provided from the customer's premises to the first point of switching. This information will be provided in the form of a Design Layout Report.

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EFFECTIVE:

> NOV 7 1992

ISSUED: September 17, 1992

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

ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - 900 Access Service Nonrecurring Charges (Cont'd)

The route pattern nonrecurring charge applies only once, on the customer's initial request to the Telephone Company for 900 Access Service in each LATA or state. If the customer places an order using option (2) above, the route pattern nonrecurring charge applies to each end office specified in the order received.

500 Access Service (F)

> The Interim 500 Access Service nonrecurring charge is assessed depending upon how the service is ordered:

- (1) If the service is ordered for the state or LATA, the customer charge for the assembly of route tables is assessed for each end office the Telephone Company serves in the state or LATA. A second nonrecurring charge element applies per NXX activated or deactivated, times the number of Telephone Company access tandems or end offices modified to perform six digit screening for Interim 500 Access Service.
- The second alternative allows for the service to be ordered to only one access tandem or end office performing six digit screening. The customer charge for the assembly of route tables is assessed for each end office subtending the access tandem (including a collocated end office, if applicable). A second nonrecurring charge element applies per NXX activated or deactivated, times the designated Telephone Company access tandem(s) or end office(s) modified to perform six digit screening for Interim 500 Access Service. This option can be applied repetitively to different tandems to customize the intended offering area.

The route pattern nonrecurring charge applies only once, on the customer's initial request to the Telephone Company for Interim 500 Access Service in each LATA or state. If the customer places an order using option (2) above, the route pattern nonrecurring charge applies to each end office specified in the order received.

(M) Material omitted from this page now appears on Page 170.2.

ISSUED: May 1, 2012

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

Gary L. Kepley **Director - Regulatory Operations** 5454 W. 110th Street Overland Park, Kansas 66211 TT-2012-0317, YI-2012-0635

FILED **EFFECTIVE:** Missouri Public July 3, 2012 Service Commission

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

General (Cont'd) 6.1

JAN 11 1995

6.1.3 Rate Categories (Cont'd)

900 Access Service Nonrecurring Charges MCControl CECOMM.

The route pattern nonrecurring charge applies only once, on the customer's initial request to the Telephone Company for 900 Access Service in each LATA or state. If the customer places an order using option (2) above, the route pattern nonrecurring charge applies to each end office specified in the order received.

(F) 500 Access Service

The Interim 500 Access Service nonrecurring charge is assessed depending upon how the service is ordered:

- (1) If the service is ordered for the state or LATA, the customer charge for the assembly of route tables is assessed for each end office the Telephone Company serves in the state or LATA. A second nonrecurring charge element applies per NXX activated or deactivated, times the number of Telephone Company access tandems or end offices modified to perform six digit screening for Interim 500 Access Service.
- The second alternative allows for the service to be ordered to only one access tandem or end office performing six digit screening. The customer charge for the assembly of route tables is assessed for each end office subtending the access tandem (including a collocated end office, if applicable). A second nonrecurring charge element applies per NXX activated or deactivated, times the designated Telephone Company access tandem(s) or end office(s) modified to perform six digit screening for Interim 500 Access Service. This option can be applied repetitively to different tandems to customize the intended offering area.

The route pattern nonrecurring charge applies only once, on the customer's initial request to the Telephone Company for Interim 500 Access Service in each LATA or state. If the customer places an order using option (2) above, the route pattern nonrecurring charge applies to each end office specified in the order received.

6.1.4 Special Facilities Routing

Any customer may request that the facilities used to provide Switched Access Service be specially routed. The regulations, rates and charges for Special Facilities. Routing (i.e., Avoidance, Diversity and Cable-Only) are as set forth in 11. following.

ISSUED:

January 11, 1995

BY: John L. Roe

February 11 1995 Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park. Kansas 66211

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Cancelled April 30, 2007 Missouri Public Service Commission

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (G) Zone Density Charges

Zone density charges are applicable only to DS1 and DS3 switched access services (i.e., Entrance Facility, Direct-Trunked Transport, Tandem Switched Transmission, Tandem Switching, and DS1 to Voice and DS3 to DS1 Multiplexing) provided at the Telephone Company designated exchanges set forth in Section 6.7.18 following. Zone density charges are recurring rates that apply each month or fraction thereof that a DS1 or DS3 switched access service is provided. For billing purposes, each month is considered to have 30 days.

6.1.4 Special Facilities Routing

Any customer may request that the facilities used to provide Switched Access Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are as set forth in 11. following.

(M) This material previously appeared on Page 170.1.

ISSUED: May 1, 2012 Gary L. Kepley Director - Regulatory Operations 5454 W. 110th Street Overland Park, Kansas 66211

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

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ACCESS SERVICE

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

6.1 General (Cont'd)

6.1.5 <u>Design Layout Report</u>

At the request of the customer, the Telephone Company will provide to the customer the makeup of the facilities and services provided from the customer's premises to the first point of switching. This information will be pro-vided in the form of a Design Layout Report.

The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

6.1.6 Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters: loss, C-message noise, C-notched noise, 3-tone slope, d.c. continuity, and operational signaling. When Local Transport is provided with Interface Groups 2, 6 and 9, and the Transport Termination is two-wire (i.e., there is a four-wire to two-wire conversion in Local Transport), balance parameters (equal level echo path loss) may also be tested.

Activation of Toll Free Code (TFC), 500 or 900 NXX codes will be tested by the Telephone Company by placing a test call from each end office where six digit screening is performed. In locations where six digit screening is performed at an access tandem with multiple subtending end offices, a minimum of one subtending end office will be tested by the Telephone Company. No charge will be made for these tests.

6.1.7 Ordering Options and Conditions

Switched Access Service is ordered under the Access Order provisions set forth in 5. preceding. Also, included in that section are other charges which may be associated with ordering Switched Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

6.2 Provision and Description of Switched Access Service Arrangements

Switched Access Service is provided in four different Feature Group arrangements and as Interim 500, TFC and 900 Access Service. The provision of each Feature Group requires Switched Transport facilities and the appropriate End Office functions. In addition, Special Access Service may, at the option of the customer, be connected with Switched Access Service at Telephone Company designated WATS Serving Offices.

ISSUED: May 1, 2012 Gary L. Kepley
Director - Regulatory Operations
5454 W. 110th Street
Overland Park, Kansas 66211

EFFECTIVE: July 3, 2012

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Fourth Revised Page 171 Cancels Third Revised Page 171

ACCESS SERVICE

Service Commission

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

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6.1.5 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the makeup of the facilities and services provided from the customer's premises to the first point of switching. This information will be provided in the form of a Design Layout Report.

The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

6.1.6 Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters: loss, C-message noise, C-notched noise, 3-tone slope, d.c. continuity, and operational signaling. When Local Transport is provided with Interface Groups 2, 6 and 9, and the Transport Termination is two-wire (i.e., there is a four-wire to two-wire conversion in Local Transport), balance parameters (equal level echo path loss) may also be tested.

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Activation of 500 or 900 NXX codes will be tested by the Telephone Cumpany by placing a test call from each end office where six digit screening is performed. In locations where six digit screening is performed at an access tandem with multiple subtending end offices, a minimum of one subtending end office will be tested by the Telephone Company. No charge will be made for these tests.

6.1.7 Ordering Options and Conditions

Switched Access Service is ordered under the Access Order provisions set forth in 5. preceding. Also, included in that section are other charges which may be associated with ordering Switched Access Service (e.g., Service Date Charge Charges, Cancellation Charges, etc.).

6.2 Provision and Description of Switched Access Service Feature Groups

Switched Access Service is provided in four different Feature Group arrangements and as Interim 500, TFC and 900 Access Service. The provision of each Feature Group requires Local Transport facilities and the appropriate End Office functions. In addition, WATS Access Line Service as described in 7.2.11 following may, at the option of the customer, be provided for use with Feature Group C and D.

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



Third Revised Page 171 Cancels Second Revised Page 171

ACCESS SERVICE

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

6.1 General (Cont'd)

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6.1.5 <u>Design Layout Report</u>

At the request of the customer, the Telephone Company will provide to the customer the makeup of the facilities and services provided from the customer's premises to the first point of switching. This information will be provided in the form of a Design Layout Report.

The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

6.1.6 Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters: loss, C-message noise, C-notched noise, 3-tone slope, d.c. continuity, and operational signaling. When Local Transport is provided with Interface Groups 2 through 10, and the Transport Termination is two-wire (i.e., there is a four-wire to two-wire conversion in Local Transport), balance parameters (equal level echo path loss) may also be tested.

Activation of 500 or 900 NXX codes will be tested by the Telephone Company by placing a test call from each end office where six digit screening is performed. In locations where six digit screening is performed at an access tandem with multiple subtending end offices, a minimum of one subtending end office will be tested by the Telephone Company. No charge will be made for these tests.

6.1.7 Ordering Options and Conditions

Switched Access Service is ordered under the Access Order provisions set forth in 5. preceding. Also, included in that section are other charges which may be associated with ordering Switched Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

6.2 <u>Provision and Description of Switched Access Service Feature Groups</u>

Switched Access Service is provided in four different Feature Group arrangements and as Interim 500, TFC and 900 Access Service. The provision of each Feature Group requires Local Transport facilities and the appropriate End Office functions. In addition, WATS Access Line Service as described in 7.2.11 following may, at the option of the customer, be provided for use with Feature-Group C and Described in Feature Coup

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ISSUED: March 27, 1996

996 BY: John L. Roe Vice President - Carrier and Regulatory Services 5454 West 110th Street April 29, 1996

EFFECTIVE:

Overland Park, Kansas 66211

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

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6.1 General (Cont'd)

6.1.5 Design Layout Report

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At the request of the customer, the Telephone Company will provide to the customer the makeup of the facilities and services provided from the customer's premises to the first point of switching. This information will be provided in the form of a Design Layout Report.

The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

6.1.6 Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters: loss, C-message noise, C-notched noise, 3-tone slope, d.c. continuity, and operational signaling. When Local Transport is provided with Interface Groups 2 through 10, and the Transport Termination is two-wire (i.e., there is a four-wire to two-wire conversion in Local Transport), balance parameters (equal level echo path loss) may also be tested.

Activation of 500 or 900 NXX codes will be tested by the Telephone Company by placing a test call from each end office where six digit screening is performed. In locations where six digit screening is performed at an access tandem with multiple subtending end offices, a minimum of one subtending end office will be tested by the Telephone Company. No charge will be made for these tests.

6.1.7 Ordering Options and Conditions

Switched Access Service is ordered under the Access Order provisions set forth in 5. preceding. Also, included in that section are other charges which may be associated with ordering Switched Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

6.2 <u>Provision and Description of Switched Access Service Feature</u> Groups

Switched Access Service is provided in four different Feature Group arrangements and as Interim 500, 800 and 900 Access Service. The provision of each Feature Group requires Local Transport facilities and the appropriate End Office functions. In addition, WATS Access Line Service as described in 7.2.11 following may, at the option of the customer, be provided for use with Feature Group C and D.

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EFFECTIVE:

BY: John L. Roe February 11, 1995

ISSUED: January 11, 1995

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

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

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6.1.5 Design Layout Report

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At the request of the customer, the Telephone Company will provide to the customer the makeup of the facilities and services provided from the customer's premises to the first point of switching. This information will be provided in the form of a Design Layout Report.

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6.1.6 Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters: loss, C-message noise, C-notched noise, 3-tone slope, d.c. continuity, and operational signaling. When Local Transport is provided with Interface Groups 2 through 10, and the Transport Termination is two-wire (i.e., there is a four-wire to two-wire conversion in Local Transport), balance parameters (equal level echo path loss) may also be tested.

6.1.7 Ordering Options and Conditions

Switched Access Service is ordered under the Access Order provisions set forth in 5. preceding. Also, included in that section are other charges which may be associated with ordering Switched Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

6.2 <u>Provision and Description of Switched Access Service Feature</u>
<u>Groups</u>

Switched Access Service is provided in four different Feature Group arrangements. The provision of each Feature Group requires Local Transport facilities and the appropriate End Office functions. In addition, WATS Access Line Service as described in 7.2.11 following may, at the option of the customer, be provided for use with Feature Group C and D.

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MS. PHALIC SHAYICK SORIA.

ISSUED: March 31, 1993 BY: Inibit Service Commission

BY: President - Administration

5454 West 110th Street

Overland Park, Kansas 66211

EFFECTIVE: May 1, 1993

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

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6.1.5 Design Layout Report (Cont'd)

The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

6.1.6 Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters: loss, C-message noise, C-notched noise, 3-tone slope, d.c. continuity, and operational signaling. When Local Transport is provided with Interface Groups 2 through 10, and the Transport Termination is two-wire (i.e., there is a four-wire to two-wire conversion in Local Transport), balance parameters CANCELLED (equal level echo path loss) may also be tested.

6.1.7 Ordering Options and Conditions

that section are other charges which may be associated with commission ordering Switched Access Service (e.g., Service half Service) Charges, Cancellation Charges, etc.).

Provision and Description of Switched Access Service Feature 6.2 Groups

Switched Access Service is provided in four different Feature Group arrangements. The provision of each Feature Group requires Local Transport facilities and the appropriate End Office functions. In addition, WATS Access Line Service as described in 7.2.11 following may, at the option of the customer, be provided for use with Feature Group C and D.

There are three specific transmission specifications (i.e., Types A. B and C) that have been identified for the provision of Feature Groups. The specifications provided are dependent on the Interface Group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission specifications are set forth in 6.4.1 following.

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

6.2 <u>Provision and Description of Switched Access Service Arrangements</u> (Cont'd)

There are three specific transmission specifications (i.e., Types A, B and C) that have been identified for the provision of Feature Groups. The specifications provided are dependent on the Interface Group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission specifications are set forth in 6.4.1 following.

Feature Groups are arranged for either originating, terminating or two-way calling, based on the customer end office switching capacity ordered, while Interim 500 Access Service, TFC Access Service and 900 Access Service are arranged for originating calling only. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously. The Telephone Company will determine the type of calling to be provided unless the customer requests that a different type of directional calling is to be provided. In such cases, the Telephone Company will work cooperatively with the customer to determine the directionality.

There are various chargeable and nonchargeable optional features available with the Feature Groups. These additional optional features are provided as Switched Transport, and Local Switching options.

Following are detailed descriptions of each of the available Feature Groups. Each Feature Group is described in terms of its specific physical characteristics and calling patterns, the transmission specifications with which it is provided, optional features available for use with it and the standard testing capabilities.

The Local Switching optional features, which are described in 6.3 following, unless specifically stated otherwise, are available at all suitably equipped Telephone Company end office switches.

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Switched Access Service (Cont'd)

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6.2 Provision and Description of Switched Access Service Feature
Groups (Cont'd)

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There are three specific transmission specifications (i.e., Typesnmission A, B and C) that have been identified for the provision of Feature Groups. The specifications provided are dependent on the Interface Group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission specifications are set forth in 6.4.1 following.

Feature Groups are arranged for either originating, terminating or two-way calling, based on the customer end office switching capacity ordered, while Interim 500 Access Service, TFC Access Service and 900 Access Service are arranged for originating calling only. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously. The Telephone Company will determine the type of calling to be provided unless the customer requests that a different type of directional calling is to be provided. In such cases, the Telephone Company will work cooperatively with the customer to determine the directionality.

There are various chargeable and nonchargeable optional features available with the Feature Groups. These additional optional features are provided as Local Transport, and Local Switching options.

Following are detailed descriptions of each of the available Feature Groups. Each Feature Group is described in terms of its specific physical characteristics and calling patterns, the transmission specifications with which it is provided, optional features available for use with it and the standard testing capabilities.

The Local Switching optional features, which are described in 6.3 following, unless specifically stated otherwise, are available at all suitably equipped Telephone Company end office switches.

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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

April 30, 2007 Missouri Public Service Commission

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

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6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

MO. PUBLIC SERVICE COMM. There are three specific transmission specifications (i.e., Types A, B and C) that have been identified for the provision of Feature Groups. The specifications provided are dependent on the Interface Group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission specifications are set forth in 6.4.1 following.

Feature Groups are arranged for either originating, terminating or two-way calling, based on the customer end office switching capacity ordered, while Interim 500 Access Service, 800 Access Service and 900 Access Service are arranged for originating calling only. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously. The Telephone Company will determine the type of calling to be provided unless the customer requests that a different type of directional calling is to be provided. In such cases, the Telephone Company will work cooperatively with the customer to determine the directionality.

There are various chargeable and nonchargeable optional features available with the Feature Groups. These additional optional features are provided as Local Transport, and Local Switching options.

Following are detailed descriptions of each of the available Feature Groups. Each Feature Group is described in terms of its specific physical characteristics and calling patterns, the transmission specifications with which it is provided, optional features available for use with it and the standard testing capabilities.

The Local Switching optional features, which are described in 6.3 following, unless specifically stated otherwise, are available at all suitably equipped Telephone Company end office switches.

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MISSOURI Public Service Commission EFFECTIVE:

ISSUED: January 11, 1995

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

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

MO. PUBLIC SERVICE COMM.

6.2 <u>Provision and Description of Switched Access Service Feature</u> <u>Groups</u> (Cont'd)

There are three specific transmission specifications (i.e., Types A, B and C) that have been identified for the provision of Feature Groups. The specifications provided are dependent on the Interface Group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission specifications are set forth in 6.4.1 following.

Feature Groups are arranged for either originating, terminating or two-way calling, based on the customer end office switching capacity ordered. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously. The Telephone Company will determine the type of calling to be provided unless the customer requests that a different type of directional calling is to be provided. In such cases, the Telephone Company will work cooperatively with the customer to determine the directionality.

There are various chargeable and nonchargeable optional features available with the Feature Groups. These additional optional features are provided as Local Transport, and Local Switching options.

Following are detailed descriptions of each of the available Feature Groups. Each Feature Group is described in terms of its specific physical characteristics and calling patterns, the transmission specifications with which it is provided, optional features available for use with it and the standard testing capabilities.

The Local Switching optional features, which are described in 6.3 following, unless specifically stated otherwise, are available at all suitably equipped Telephone Company end office switches.

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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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Switched Access Service (Cont'd)

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6.2 Provision and Description of Switched Access Service Feature MO. PUBLIC SERVICE COMO Groups (Cont'd)

There are three specific transmission specifications (i.e., Types A, B and C) that have been identified for the provision of Feature Groups. The specifications provided are dependent on the Interface Group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission specifications are set forth in 6.4.1 following.

Feature Groups are arranged for either originating, terminating or two-way calling, based on the customer end office switching capacity ordered. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously. The Telephone Company will determine the type of calling to be provided unless the customer requests that a different type of directional calling is to be provided. In such cases, the Telephone Company will work cooperatively with the customer to determine the directionality.

There are various chargeable and nonchargeable optional features available with the Feature Groups. These additional optional features are provided as Local Transport, Common Switching, Transport Termination, or Line Terminations options.

Following are detailed descriptions of each of the available Feature Groups. Each Feature Group is described in terms of its specific physical characteristics and calling patterns, the transmission specifications with which it is provided, optional features available for use with it and the standard testing capabilities.

The Common Switching and Transport Terminations optional features, which are described in 6.3 following, unless specifically stated otherwise, are available at all suitably equipped Telephone Company end office switches.

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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

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6. Switched Access Service (Cont'd) SEP 171992

Provision and Description of Switched Access Service FeatureOUPI 6.2 rubiic Service Commission Groups (Cont'd)

Feature Groups are arranged for either originating, terminating or two-way calling, based on the customer end office switching capacity ordered. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously. The Telephone Company will determine the type of calling to be provided unless the customer requests that a different type of directional calling is to be provided. In such cases, the Telephone Company will work cooperatively with the customer to determine the directionality.

There are various chargeable and nonchargeable optional features available with the Feature Groups. These additional optional features are provided as Local Transport, Common Switching, Transport Termination, or Line Terminations options.

Following are detailed descriptions of each of the available Feature Groups. Each Feature Group is described in terms of its specific physical characteristics and calling patterns, the transmission specifications with which it is provided, optional features available for use with it and the standard testing capabilities.

The Common Switching and Transport Terminations optional features, which are described in 6.3 following, unless specifically stated otherwise, are available at all suitably equipped Telephone Company end office switches.

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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

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Embarq Missouri, Inc. d/b/a Embarq

Third Revised Page 173 Cancels Second Revised Page 173

ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.2 <u>Provision and Description of Switched Access Service Feature Groups</u> (Cont'd)
 - 6.2.1 Feature Group A (FGA)
 - (A) <u>Description</u>
 - (1) FGA is provided in connection with Telephone Company electronic end offices. At the option of the customer, FGA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling. FGA is arranged for use by the customer in the provision of its MTS/WATS-type service.
 - (2) FGA provides a line side termination at the first point of switching. The line side termination will be provided with either ground start supervisory signaling or loop start supervisory signaling. The type of signaling is at the option of the customer.
 - (3) The Telephone Company shall select the first point of switching, within the selected exchange at which the line side termination is to be provided unless the customer requests a different first point of switching and Telephone Company facilities and measurement capabilities, where necessary, are available to accommodate such a request.
 - (4) A seven digit local telephone number assigned by the Telephone Company is provided for access to FGA switching in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX.

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



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ACCESS SERVICE

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- Switched Access Service (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature Groups (Control Ministry)

6.2.1 Feature Group A (FGA)

(A) Description

(1) FGA is provided in connection with Telephone Company electronic end offices. At the option of the customer, FGA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling. FGA is arranged for use by the customer in the provision of its MTS/WATS-type service.

(C)

- (2) FGA provides a line side termination at the first point of switching. The line side termination will be provided with either ground start supervisory signaling or loop start supervisory signaling. The type of signaling is at the option of the customer.
- (3) The Telephone Company shall select the first point of switching, within the selected exchange at which the line side termination is to be provided unless the customer requests a different first point of switching and Telephone Company facilities and measurement capabilities, where necessary, are available to accommodate such a request.
- (4) A seven digit local telephone number assigned by the Telephone Company is provided for access to FGA switching in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX.

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rvice 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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First Revised Page 173

Cancels Original Page 173 Missouri Public Service Commission

ACCESS SERVICE

Switched Access Service (Cont'd)

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- Provision and Description of Switched Access Service Feature Groups (Cont'd)
 - 6.2.1 Feature Group A (FGA)
 - (A) Description
 - (1) FGA is provided in connection with Telephone Company electronic end offices. At the option of the customer, FGA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling. FGA is arranged for use by the customer in the provision of its FX/ONAL service or MTS/WATS-type service.
 - (2) FGA provides a line side termination at the first point of switching. The line side termination will be provided with either ground start supervisory signaling or loop start supervisory signaling. The type of signaling is at the option of the customer.
 - (3) The Telephone Company shall select the first point of switching, within the selected exchange at which the line side termination is to be provided unless the customer requests a different first point of switching and Telephone Company facilities and measurement capabilities, where necessary, are available to accommodate such a request.
 - (4) A seven digit local telephone number assigned by the Telephone Company is provided for access to FGA switching in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX.

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ISSUED: May 3, 2000

Richard D. Lawson State Executive, External Affairs

EFFECTIVE: June 2, 2000

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ACCESS SERVICE

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

SEP 17 1992

6.2 Provision and Description of Switched Access Service Feature
Groups (Cont'd) WISSOURI

Public Service Commission

6.2.1 Feature Group A (FGA)

(A) Description

- (1) FGA is provided in connection with Telephone Company electronic and electromechanical end offices. At the option of the customer, FGA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling. FGA is arranged for use by the customer in the provision of its FX/ONAL service or MTS/WATS-type service.
- (2) FGA provides a line side termination at the first point of switching. The line side termination will be provided with either ground start supervisory signaling or loop start supervisory signaling. The type of signaling is at the option of the customer.
- (3) The Telephone Company shall select the first point of switching, within the selected exchange at which the line side termination is to be provided unless the customer requests a different first point of switching and Telephone Company facilities and measurement capabilities, where necessary, are available to accommodate such a request.
- (4) A seven digit local telephone number assigned by the Telephone Company is provided for access to FGA switching in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX.

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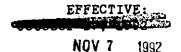
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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211



ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.2 <u>Provision and Description of Switched Access Service Arrangements</u> (Cont'd)
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- 6.2.1 Feature Group A (FGA) (Cont'd)
 - (A) <u>Description</u> (Cont'd)
 - (4) (Cont'd)

If the customer requests a specific seven digit telephone number that is not currently assigned, and the Telephone Company can, with reasonable effort, comply with that request, the requested number will be assigned to the customer.

- (5) FGA switching, when used in the terminating direction, is arranged with dial tone start-dial signaling. When used in the terminating direction FGA switching may, at the option of the customer, be arranged for dial pulse or dual tone multifrequency address signaling, subject to availability of equipment at the first point of switching. When FGA switching is provided in a hunt group or uniform call distribution arrangement, all FGA switching will be arranged for the same type of address signaling.
- (6) No address signaling is provided by the Telephone Company when FGA Switching is used in the originating direction. Address signaling in such cases, if required by the customer must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Switched Transport provided.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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6.2 Provision and Description of Switched Access Service Feature 7 1992
Groups (Cont'd)

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6.2.1 Feature Group A (FGA) (Cont'd)

Public Service Commission

- (A) Description (Cont'd)
 - (4) (Cont'd)

If the customer requests a specific seven digit telephone number that is not currently assigned, and the Telephone Company can, with reasonable effort, comply with that request, the requested number will be assigned to the customer.

- (5) FGA switching, when used in the terminating direction, is arranged with dial tone start-dial signaling. When used in the terminating direction FGA switching may, at the option of the customer, be arranged for dial pulse or dual tone multifrequency address signaling, subject to availability of equipment at the first point of switching. When FGA switching is provided in a hunt group or uniform call distribution arrangement, all FGA switching will be arranged for the same type of address signaling.
- (6) No address signaling is provided by the Telephone Company when FGA Switching is used in the originating direction. Address signaling in such cases, if required by the customer must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.

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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)
 - 6.2 <u>Provision and Description of Switched Access Service Arrangements</u> (Cont'd)

(C)

- 6.2.1 Feature Group A (FGA) (Cont'd)
 - (A) <u>Description</u> (Cont'd)
 - (7) FGA switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, local operator assistance (0- and 0+), Directory Assistance (411 where available and 555-1212), emergency reporting service (911 where available), exchange telephone repair (611 where available), time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customer services (by dialing the appropriate digits.) Charges for FGA terminating calls requiring operator assistance or calls to 611 or 911 will only apply where sufficient call details are available.

Additional non-access charges will also be billed on a separate account for (1) an operator surcharge, as set forth in the local exchange tariffs, for local operator assistance (0- and 0+) calls; (2) calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Services and, (3) calls from a FGA line to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. For calls to Directory Assistance (411 where available and 555-1212), Switched Transport rates for FGA Switched Access Service will not apply. Instead, calls to Directory Assistance are subject to the Directory Assistance Service charge set forth in 9.6(A).

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(M) This material previously appeared on Page 176.

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ACCESS SERVICE

Switched Access Service (Cont'd)

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6.2 Provision and Description of Switched Access Service Feature 7 1992
Groups (Cont'd)

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6.2.1 Feature Group A (FGA) (Cont'd)

Public Service Commission

- (A) <u>Description</u> (Cont'd)
 - (7) FGA switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, local operator assistance (0- and 0+), Directory Assistance (411 where available and 555-1212), emergency reporting service (911 where available), exchange telephone repair (611 where available), time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customer services (by dialing the appropriate digits.) Charges for FGA terminating calls requiring operator assistance or calls to 611 or 911 will only apply where sufficient call details are available.

Additional non-access charges will also be billed on a separate account for (1) an operator surcharge, as set forth in the local exchange tariffs, for local operator assistance (0- and 0+) calls; (2) calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Services and, (3) calls from a FGA line to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. For calls to Directory Assistance (411 where available and 555-1212), Local Transport rates for FGA Switched

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - Provision and Description of Switched Access Service Arrangements (Cont'd) 6.2

(C)

- 6.2.1 Feature Group A (FGA) (Cont'd)
 - (A) Description (Cont'd)



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(8) When a FGA switching arrangement for an individual customer (a single line or entire hunt group) is discontinued at an end office, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

- (B) **Optional Features**
 - (1) **Local Switching Optional Features**
 - **Hunt Group Arrangement** (a)
 - **Uniform Call Distribution Arrangement** (b)
 - Nonhunting Number for Use with Hunt Group (c) Arrangement or Uniform Call Distribution Arrangement
 - (d) Call Denial
 - (e) Service Code Denial
 - Band Advance Arrangement for use with WATS Access (f) Line Service
 - Two-way operation with dial pulse address signaling and (g) loop start supervisory signaling.
 - Two-way operation with dial pulse address signaling and (h) ground start supervisory signaling.
 - Two-way operation with dual tone multi-frequency (i) address signaling and loop start supervisory signaling
 - Two-way operation with dual tone multi-frequency (j) address signaling and ground start supervisory signaling

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- (M) Material omitted from this page now appears on Page 175.
- (M1) This material previously appeared on Page 177.

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

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature
 Groups (Cont'd)
 - 6.2.1 Feature Group A (FGA) (Cont'd)
 - (A) Description (Cont'd)
 - (7) (Cont'd)

Access Service will not apply. Instead, calls to Directory Assistance are subject to the Directory Assistance Service charge set forth in 9.6(A).

(8) When a FGA switching arrangement for an individual customer (a single line or entire hunt group) is discontinued at an end office, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

- (B) Optional Features
 - (1) Local Switching Optional Features
 - (a) Hunt Group Arrangement
 - (b) Uniform Call Distribution Arrangement
 - (c) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement
 - (d) Call Denial
 - (e) Service Code Denial
 - (f) Band Advance Arrangement for use with WATS Access Line Service.

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MD. 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)

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- 6.2 Provision and Description of Switched Access Service Feature 17 1992
 Groups (Cont'd)
 - 6.2.1 Feature Group A (FGA) (Cont'd)

MISSOURI Public Service Commission

- (A) <u>Description</u> (Cont'd)
 - (7) (Cont'd)

Access Service will not apply. Instead, calls to Directory Assistance are subject to the Directory Assistance Service charge set forth in 9.6(A).

(8) When a FGA switching arrangement for an individual customer (a single line or entire hunt group) is discontinued at an end office, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

- (B) Optional Features
 - (1) Common Switching Optional Features
 - (a) Hunt Group Arrangement
 - (b) Uniform Call Distribution Arrangement
 - (c) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement
 - (d) Call Denial
 - (e) Service Code Denial
 - (f) Band Advance Arrangement for use with WATS Access Line Service.

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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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Embarq Missouri, Inc. d/b/a CenturyLink

Fourth Revised Page 177
Cancels Third Revised Page 177 (T)

ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.2 <u>Provision and Description of Switched Access Service Arrangements</u> (Cont'd)

- 6.2.1 Feature Group A (FGA) (Cont'd)
 - (B) Optional Features (Cont'd)
 - (1) <u>Local Switching Optional Features</u> (Cont'd)

(M) (M)

(C)

- (k) Terminating operation with dial pulse address signaling and loop start supervisory signaling
- (I) Terminating operation with dial pulse address signaling and ground start supervisory signaling
- (m) Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling
- (n) Terminating operation with dual tone multi-frequency address signaling and ground start supervisory signaling
- (o) Originating operation with loop start supervisory signaling
- (p) Originating operation with ground start supervisory signaling
- (q) Call Screening
- (r) Call Restriction
- (s) InterLATA Call Denial

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- (t) Hunt Group Arrangement for Use with Special Access Service utilized for connection with Switched Access Service
- (u) Uniform Call Distribution Arrangement for Use with Special Access Service utilized for connection with Switched Access Service
- (v) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with Special Access Service utilized for connection with Switched Access Service
- (w) Band Advance Arrangement for Use with Special Access Service utilized for connection with Switched Access Service

Switched Transport Optional Features (C)

- (a) Supervisory Signaling (as set forth in 6.1.3(B)(3)(a) preceding)
- (b) Improved Return Loss
- (c) Data Transmission Parameters

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(M1) Material omitted from this page now appears on Page 178.

ISSUED: May 1, 2012 Gary L. Kepley
Director - Regulatory Operations
5454 W. 110th Street
Overland Park, Kansas 66211

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

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ACCESS SERVICE

Switched Access Service (Cont'd)

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- Provision and Description of Switched Access Service Feature Groups (Cont'd)
 - 6.2.1 Feature Group A (FGA) (Cont'd)
 - Optional Features (Cont'd)
 - Local Switching Optional Features (Cont'd) (1)
 - Two-way operation with dial pulse address signaling and loop (g) start supervisory signaling.
 - (h) Two-way operation with dial pulse address signaling and ground start supervisory signaling...
 - (i) Two-way operation with dual tone multi-frequency address signaling and loop start supervisory signaling
 - Two-way operation with dual tone multi-frequency address (1) signaling and ground start supervisory signaling
 - (k) Terminating operation with dial pulse address signaling and loop start supervisory signaling
 - Terminating operation with dial pulse address signaling and (1) ground start super-visory signaling
 - Terminating operation with dual tone multifrequency address. signaling and loop start supervisory signaling
 - Terminating operation with dual tone multi-frequency address (n) signaling and ground start supervisory signaling
 - (o) Originating operation with loop start super-visory signaling
 - Originating operation with ground start supervisory signaling (p)
 - Call Screening (q)

Call Restriction

- (2)Local Transport Optional Features
 - Supervisory Signaling (as set forth in 6.1.3(B)(3)(a) preceding)
 - (b) Improved Return Loss
- Certain other features which may be available in connection with Feature Group A are provided under the Telephone Company's local and/or general exchange service tariffs. These are:

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 (N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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6.2 <u>Provision and Description of Switched Access Service Feature</u> <u>Groups</u> (Cont'd)

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- 6.2.1 Feature Group A (FGA) (Cont'd)
 - (B) Optional Features (Cont'd)

(1)	Loca	l Switching Optional Features (Cont'd)	(1)
(§	g)	Two-way operation with dial pulse address signaling	(1)
(l	h)	and loop start supervisory signaling. Two-way operation with dial pulse address signaling and ground start supervisory signaling.	(1)
(=	i)	Two-way operation with dual tone multifrequency address signaling and loop start supervisory signaling	(1)
C,	j)	Two-way operation with dual tone multifrequency address signaling and ground start supervisory signaling	(1)
(1	k)	Terminating operation with dial pulse address signaling and loop start supervisory signaling	(ĭ)
(:	1)	Terminating operation with dial pulse address signaling and ground start supervisory signaling	(7)
(1	m)	Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling	(1)
(1	n)	Terminating operation with dual tone multifrequency address signaling and ground start supervisory signaling	(1)
(1	0)	Originating operation with loop start supervisory signaling	(1)
(1	p)	Originating operation with ground start supervisory signaling	(1)
(2) <u>L</u>	ocal	Transport Optional Features	(1)
(4	a)	Supervisory Signaling (as set forth in 6.1.3(B)(3)(a) preceding)	

(3) Certain other features which may be available in connection with Feature Group A are provided under the Telephone Company's local and/or general exchange service tariffs.

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

Improved Return Loss

(b)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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- 6.2 Provision and Description of Switched Access Service Feature

 Groups (Cont'd) SEP 17 1992
 - 6.2.1 Feature Group A (FGA) (Cont'd)

MISSOURI Public Service Commission

(B) Optional Features (Cont'd)

- (2) Transport Termination Optional Features
 - (a) Two-way operation with dial pulse address signaling and loop start supervisory signaling.
 - (b) Two-way operation with dial pulse address signaling and ground start supervisory signaling.
 - (c) Two-way operation with dual tone multifrequency address signaling and loop start supervisory signaling
 - (d) Two-way operation with dual tone multifrequency address signaling and ground start supervisory signaling
 - (e) Terminating operation with dial pulse address signaling and loop start supervisory signaling
 - (f) Terminating operation with dial pulse address signaling and ground start supervisory signaling
 - (g) Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling
 - (h) Terminating operation with dual tone multifrequency address signaling and ground start supervisory signaling
 - (i) Originating operation with loop start supervisory signaling
 - (j) Originating operation with ground start supervisory signaling

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(3) Local Transport Optional Features

(a) Supervisory Signaling (as set forth in 6.1.3(B)(3)(a) preceding)

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Public Service Commission
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- (b) Improved Return Loss
- (4) Certain other features which may be available in connection with Feature Group A are provided under the Telephone Company's local and/or general exchange.

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

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - Provision and Description of Switched Access Service Arrangements (Cont'd) 6.2
 - 6.2.1 Feature Group A (FGA) (Cont'd)
 - (B) Optional Features (Cont'd)
 - (3)Certain other features which may be available in connection with Feature Group A are provided under the Telephone Company's local and/or general exchange service tariffs. These are:
- (M)

- **Custom Calling Features** (a)
- Bill Number Screening (b)
- IntraLATA extensions (c)
- (C) Transmission Performance

FGA is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the first point of switching. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2, 6 and 9. Type DB Data Transmission Parameters are provided with FGA to the first point of switching.

(D) **Testing Capabilities**

> FGA is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line and milliwatt (102 type) test line. In addition to the tests described in 6.1.6 preceding, which are included with the installation of service, additional Cooperative Acceptance Testing and Non-Scheduled Testing tests are available for FGA as set forth in 13.3.5 following.

(M) This material previously appeared on Page 177.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

- REC'D MAY 03 2000
- 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
 - 6.2.1 Feature Group A (FGA) (Cont'd)
 - (B) Optional Features (Cont'd)
 - (3) (Cont'd)
 - (a) Custom Calling Features
 - (b) Bill Number Screening
 - (c) IntraLATA extensions
 - (C) Transmission Performance

FGA is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the first point of switching. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2, 6 and 9. Type OB Data Transmission Parameters are provided with FGA to the first point of switching.

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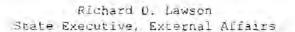
(D) Testing Capabilities

FGA is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line and milliwatt (102 type) test line. In addition to the tests described in 6.1.6 preceding, which are included with the installation of service, additional Cooperative Acceptance Testing and Non-Scheduled Testing tests are available for FGA as set forth in 13,3.5 following.



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EFFECTIVE: June 2, 2000

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6. Switched Access Service (Cont'd)

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6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

MO. PUBLIC SERVICE COMM.

6.2.1 Feature Group A (FGA) (Cont'd)

Optional Features (Cont'd) (B)

> (3) (Cont'd)

(1)

- Custom Calling Features (a)
- Bill Number Screening (b)
- (c) IntraLATA extensions

(C) Transmission Performance

FGA is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the first point of switching. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with FGA to the first point of switching.

(D) Testing Capabilities

> FGA is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line and milliwatt (102 type) test line. In addition to the tests described in 6.1.6 preceding, which are included with the installation of service, additional Cooperative Acceptance Testing and Non-Scheduled Testing tests are available for FGA as set forth in 13.3.5 following.

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JUN. 0 2 2000 BY 210 RP 178 Public Service Commission

FILED

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 178

ACCESS SERVICE

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

- RECEIVED
- 6.2 Provision and Description of Switched Access Service Feature 17 1992
 Groups (Cont'd)
 - 6.2.1 Feature Group A (FGA) (Cont'd)

MISSOURI Public Service Commission

- (B) Optional Features (Cont'd)
 - (4) (Cont'd)
 - (a) Custom Calling Features
 - (b) Bill Number Screening
 - (c) IntraLATA extensions
- (C) <u>Transmission Performance</u>

FGA is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the first point of switching. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with FGA to the first point of switching.

(D) <u>Testing Capabilities</u>

FGA is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line and milliwatt (102 type) test line. In addition to the tests described in 6.1.6 preceding, which are included with the installation of service, additional Cooperative Acceptance Testing and Non-Scheduled Testing tests are available for FGA as set forth in 13.3.5 following.

CANCELLED

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

- 6. Switched Access Service (Cont'd)
 - 6.2 <u>Provision and Description of Switched Access Service Arrangements</u> (Cont'd)

6.2.2 Feature Group B (FGB)

(A) <u>Description</u>

- (1) FGB, when directly routed to an end office (i.e., provided without the use of an access tandem switch), is provided at appropriately equipped Telephone Company electronic end office switches. When provided via Telephone Company designated electronic access tandem switches, FGB switching is provided at Telephone Company electronic end office switches.
- (2) FGB is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.
- (3) FGB switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for FGB switching provided with the automatic number identification (ANI) or rotary dial station signaling arrangements as set forth in 6.3 following, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Switched Transport provided.
- (4) The access code for FGB switching is a uniform access code. The form of the uniform access code is 950-0XXX or 950-1XXX for carriers.

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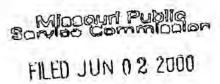
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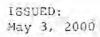
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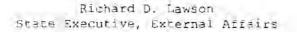
- Switched Access Service (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
 - 6.2.2 Feature Group B (FGB)
 - (A) Description
 - (1) FGB, when directly routed to an end office (i.e., provided without the use of an access tandem switch), is provided at appropriately equipped Telephone Company electronic end office switches. When provided via Telephone Company designated electronic access tandem switches, FGB switching is provided at Telephone Company electronic end office switches.

(C)

- (2) FGB is provided as trunk side switching through the use of end office or access tendem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.
- (3) FGB switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for FGB switching provided with the automatic number identification (ANI) or rotary dial station signaling arrangements as set forth in 6.3 following, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.
 - (4) The access code for FGB switching is a uniform access code. The form of the uniform access code is 950-0XXX or 950-1XXX for carriers.







EFFECTIVE: June 2, 2000

Original Page 179

ACCESS SERVICE

Switched Access Service (Cont'd)

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6.2 Provision and Description of Switched Access Service Feature

Groups (Cont'd)

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6.2.2 Feature Group B (FGB)

Public Service Commission

(A) Description

- (1) FGB, when directly routed to an end office (i.e., provided without the use of an access tandem switch), is provided at appropriately equipped Telephone Company electronic end office switches. When provided via Telephone Company designated electronic access tandem switches, FGB switching is provided at Telephone Company electronic and electromechanical end office switches.
- (2) FGB is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.
- (3) FGB switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for FGB switching provided with the automatic number identification (ANI) or rotary dial station signaling arrangements as set forth in 5.3 following, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.
- (4) The access code for FGB switching is a uniform access code. The form of the uniform access code is 950-0XXX or 950-1XXX for carriers.

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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 MO. PUZNO SERVICE COMM.

EFFECTIVE:

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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)
- (C)

- 6.2.2 Feature Group B (FGB) (Cont'd)
 - (A) <u>Description</u> (Cont'd)
 - (4) (Cont'd)

These uniform access codes will be the assigned access numbers of all FGB Switched Access Service provided to the customer by the Telephone Company. FBG Switched Access may also be used to originate TFC Access Service until such time as FGD becomes available in the end office. FGB may also be used for completion of calls to WATS Access Line Service. The customer's end user is not required to dial an access code for originating TFC Access Service provided with Feature Group B Switched Access Service.

(5) FGB switching, when used in the terminating direction may be used to access valid NXXs in the toll free calling area of the terminating exchange, time or weather announcement services of the Telephone Company, community information services of an information service provider and other customers' services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will be billed additional non-access charges for calls to certain community information services for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Services.

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ACCESS SERVICE

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- 6. Switched Access Service (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature 7 1995
 Groups (Cont'd)
 - 6.2.2 Feature Group B (FGB) (Cont'd)

MISSOURI Public Service Commission

- (A) Description (Cont'd)
- (4) (Cont'd)

These uniform access codes will be the assigned access numbers of all FGB Switched Access Service provided to the customer by the Telephone Company. FBG Switched Access may also be used to originate TFC Access Service until such time as FGD becomes available in the end office. FGB may also be used for completion of calls to WATS Access Line Service. The customer's end user is not required to dial an access code for originating TFC Access Service provided with Feature Group B Switched Access Service.

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(5) FGB switching, when used in the terminating direction may be used to access valid NXXs in the toll free calling area of the terminating exchange, time or weather announcement services of the Telephone Company, community information services of an information service provider and other customers' services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will be billed additional non-access charges for calls to certain community information services for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Services.

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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

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ACCESS SERVICE

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Switched Access Service (Cont'd)

MISSOURI Public Service Commissio

- 6.2 Provision and Description of Switched Access Service Feature Commission Groups (Cont'd)
 - 6.2.2 Feature Group B (FGB) (Cont'd)
 - (A) <u>Description</u> (Cont'd)
 - (4) (Cont'd)

These uniform access codes will be the assigned access numbers of all FGB Switched Access Service provided to the customer by the Telephone Company. FBG Switched Access may also be used to originate 800 Access Service until such time as FGD becomes available in the end office. FGB may also be used for completion of calls to WATS Access Line Service. The customer's end user is not required to dial an access code for originating 800 Access Service provided with Feature Group B Switched Access Service.

(5) FGB switching, when used in the terminating direction may be used to access valid NXXs in the toll free calling area of the terminating exchange, time or weather announcement services of the Telephone Company, community information services of an information service provider and other customers' services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will be billed additional non-access charges for calls to certain community information services for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Services.

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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

ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - 6.2 <u>Provision and Description of Switched Access Service Arrangements</u> (Cont'd)
- (C)

- 6.2.2 Feature Group B (FGB) (Cont'd)
 - (A) <u>Description</u> (Cont'd)
 - (5) (Cont'd)

Additionally, non-access charges will also be billed for calls from a FGB trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for the customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 where available and 555-1212), service codes (611 and 911 where available) or 101XXXX access codes. FGB, in the terminating direction may not be: 1) switched to access another Feature Group B,C or D, in the same LATA and (2) use to terminate originating FGC or FGD calls.

- (6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGB switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGB switching arrangement provided. Different types of FGB or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.
- (7) When all FGB switching arrangements are discontinued at an end office and/or in an exchange, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

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ACCESS SERVICE

Switched Access Service (Cont'd)

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- 6.2 Provision and Description of Switched Access Service Feature Groups—(Contid)998
 - 6.2.2 Feature Group B (FGB) (Cont'd)

MO. PUBLIC SERVICE COMM

- (A) Description (Cont'd)
 - (5) (Cont'd)

Additionally, non-access charges will also be billed for calls from a FGB trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for the customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 where available and 555-1212), service codes (611 and 911 where available) or 101XXXX access codes. FGB, in the terminating direction may not be: 1) switched to access another Feature Group B,C or D, in the same LATA and (2) use to terminate originating FGC or FGD calls.

(CT)

- (6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGB switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGB switching arrangement provided. Different types of FGB or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.
- (7) When all FGB switching arrangements are discontinued at an end office and/or in an exchange, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

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AUG 03 1998

MISSOURI Public Service Commission

ISSUED: July 2, 1998

BY: Richard Lawson
State Executive, External Affairs
319 Madison
Jefferson City, MO 65101

EFFECTIVE: August 3, 1998

First Revised Page 181 Cancels Original Page 181

ACCESS SERVICE

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- 6. Switched Access Service (Cont'd)
 - Provision and Description of Switched Access Service Feature 1995 6.2 Groups (Cont'd)
 - 6.2.2 Feature Group B (FGB) (Cont'd)

MO. PUBLIC SERVICE COMM.

- (A) <u>Description</u> (Cont'd)
 - (5) (Cont'd)

Additionally, non-access charges will also be billed for calls from a FGB trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for the customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 where available and 555-1212), service codes (611 and 911 where available) or 10XXX or 101XXXX access codes. FGB, in the terminating direction may not be: 1) switched to access another Feature Group B,C or D, in the same LATA and (2) use to terminate originating FGC or FGD calls.

(C)

- (6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGB switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGB switching arrangement provided. Different types of FGB or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.
- (7) When all FGB switching arrangements are discontinued at an end office and/or in an exchange, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

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MISSOURI Public Service Commission

ISSUED:

June 5, 1995

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

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Switched Access Service (Cont'd)

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Groups (Cont'd)

6.2.2 Feature Group B (FGB) (Cont'd)

(A) <u>Description</u> (Cont'd)

(5) (Cont'd)

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Additionally, non-access charges will also be billed for calls from a FGB trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for the customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 where available and 555-1212), service codes (611 and 911 where available) or 10XXX access codes. FGB, in the terminating direction may not be:

1) switched to access another Feature Group B,C or D, in the same LATA and (2) use to terminate originating FGC or FGD calls.

- (6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGB switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGB switching arrangement provided. Different types of FGB or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.
- (7) When all FGB switching arrangements are discontinued at an end office and/or in an exchange, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

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

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Embarq Missouri, Inc. d/b/a Embarq

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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.2 <u>Provision and Description of Switched Access Service Arrangements</u> (Cont'd)
- (C)

- 6.2.2 Feature Group B (FGB) (Cont'd)
 - (A) <u>Description</u> (Cont'd)
 - (8) AT&T Communications of the Southwest, Inc. (AT&T) subscribing to FGB:

When AT&T subscribes to both FGB and FGD at an equal access end office or to both FGB and FGC at any end office, all such FGB, FGC, and FGD usage originating and terminating at those end offices will be subject to the Carrier Common Line, Local Transport and Local Switching rates set forth in 3.8 and 6.8.

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Second Revised Page 182 Cancels First Revised Page 182

ACCESS SERVICE

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- Switched Access Service (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature Groups (Contra) N 0 7 2002
 - 6.2.2 Feature Group B (FGB) (Cont'd)

Service Commission

- (A) <u>Description</u> (Cont'd)
 - (8) AT&T Communications of the Southwest, Inc. (AT&T) subscribing to FGB:

When AT&T subscribes to both FGB and FGD at an equal access end office or to both FGB and FGC at any end office, all such FGB, FGC, and FGD usage originating and terminating at those end offices will be subject to the Carrier Common Line, Local Transport and Local Switching rates set forth in 3.8 and 6.8.

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Missouri Public

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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

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- 6. Switched Access Service (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature

 Groups (Cont'd)
 - 6.2.2 Feature Group B (FGB) (Cont'd)

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- (A) <u>Description</u> (Cont'd)
 - (8) AT&T Communications of the Southwest, Inc. (AT&T) subscribing to FGB:

When AT&T subscribes to both FGB and FGD at an equal access end office or to both FGB and FGC at any end office, all such FGB, FGC, and FGD usage originating and terminating at those end offices will be subject to the Carrier Common Line, Local Transport, Local Switching and Information Surcharge rates set forth in 3.8 and 6.8.

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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

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- 6. Switched Access Service (Cont'd)
 - Provision and Description of Switched Access Service Feature Commission
 - Groups (Cont'd)

 6.2.2 Feature Group B (FGB) (Cont'd)
 - (A) <u>Description</u> (Cont'd)
 - (8) AT&T Communications of the Southwest, Inc. (AT&T) subscribing to FGB:

When AT&T subscribes to both FGB and FGD at an equal access end office or to both FGB and FGC at any end office, all such FGB, FGC, and FGD usage originating and terminating at those end offices will be subject to the premium Carrier Common Line, Local Transport, Local Switching - LS2, and Information Surcharge rates set forth in 3.8 and 6.8.

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BY Jet R. S. # 182 Public Service Commission MISSOURI

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Switched Access Service (Cont'	d)
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6.2 <u>Provision and Description of Switched Access Service Arrangements</u> (Cont'd)

(C)

6.2.2 Feature Group B (FGB) (Cont'd)

(B) Optional Features

(1) <u>Common Switching Optional Features</u>

- (a) Automatic Number Identification (ANI)
- (b) Up to 7 Digit Outpulsing of Access Digits to Customer
- (c) Alternate Traffic Routing
- (d) Hunt Group Arrangement for Use with WATS Access Line Service
- (e) Uniform Call Distribution Arrangement for use with WATS Access Line Service
- (f) Nonhunting Number Arrangement for use with WATS Access Line Service as described in d or e, preceding.
- (g) Band Advance Arrangement for Use with WATS Access Line Service.
- (h) Rotary Dial Station Signaling

(2) Switched Transport Optional Features

(C)

- (a) Provision of Other Than Telephone Company Selected Traffic Routing
- (b) Customer Specification of Feature Group Directionality
- (c) Customer Specification of Local Transport Termination

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Switched Access Service (Cont'd)

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Provision and Description of Switched Access Service Feature 6.2 Groups (Cont'd) The second of the second of the second

6.2.2 Feature Group B (FGB) (Cont'd)

Optional Features (B)

Local Switching Optional Features (1)

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- Automatic Number Identification (ANI) (a)
- (b) Up to 7 Digit Outpulsing of Access Digits to Customer
- Alternate Traffic Routing (c)
- Hunt Group Arrangement for Use with WATS Access (d) Line Service
- (e) Uniform Call Distribution Arrangement for use with WATS Access Line Service
- Nonhunting Number Arrangement for use with WATS Access Line Service as described in d or e, preceding.
- (g) Band Advance Arrangement for Use with WATS Access Line Service.

(h) Rotary Dial Station Signaling

(2) Local Transport Optional Features

- (a) Provision of Other Than Telephone Company Selected Traffic Routing
- Customer Specification of Feature Group (b) Directionality
- (c) Customer Specification of Local Transport Termination

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NOV 7 1393

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)
 - 6.2 Provision and Description of Switched Access Service Feature Commission Groups (Cont'd)
 - 6.2.2 Feature Group B (FGB) (Cont'd)
 - (B) Optional Features
 - (1) <u>Common Switching Optional Features</u>
 - (a) Automatic Number Identification (ANI)
 - (b) Up to 7 Digit Outpulsing of Access Digits to Customer
 - (c) Alternate Traffic Routing
 - (d) Hunt Group Arrangement for Use with WATS Access Line Service
 - (e) Uniform Call Distribution Arrangement for use with WATS Access Line Service
 - (f) Nonhunting Number Arrangement for use with WATS Access Line Service as described in d or e, preceding.
 - (g) Band Advance Arrangement for Use with WATS Access Line Service.
 - (2) Transport Termination Optional Features
 - (a) Rotary Dial Station Signaling
 - (3) Local Transport Optional Features
 - (a) Provision of Other Than Telephone Company Selected Traffic Routing
 - (b) Customer Specification of Feature Group Directionality
 - (c) Customer Specification of Local Transport Termination

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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

ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - Provision and Description of Switched Access Service Arrangements (Cont'd) 6.2

(C)

- 6.2.2 Feature Group B (FGB) (Cont'd)
 - (B) Optional Features (Cont'd)
 - (3)Another feature, Bill Number Screening, which may be available in connection with FGB, is provided under the Telephone Company's local and/or general exchange service tariffs.
 - (C) **Transmission Performance**

FGB is provided with either Type B or Type C Trans-mission Specifications. The specifications for the associated parameters are guaranteed to the end office when routed directly or to the first point of switching when routed via an access tandem. Type C Transmission specifications are provided with Inter-face Group 1 and Type B is provided with Interface Groups 2 through 9. Type DB Data Transmission Parameters are provided with FGB to the first point of switching.

(D) **Testing Capabilities**

> FGB is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.6 preceding, which are included with the installation of service, Additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Non-Scheduled Testing are available as set forth in 13.3.5 following.

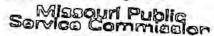
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ACCESS SERVICE

6. Switched Access Service (Cont'd)

- **REC'D MAY 03 2000**
- 6.2 Provision and Description of Switched Access Service Feature
 Groups (Cont'd)
 - 6.2.2 Feature Group B (FGB) (Cont'd)
 - (B) Optional Features (Cont'd)
 - (3) Another feature, Bill Number Screening, which may be available in connection with FGB, is provided under the Telephone Company's local and/or general exchange service tariffs.
 - (C) Transmission Performance

FGB is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the end office when routed directly or to the first point of switching when routed via an access tandem. Type C Transmission specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 9. Type DB Data Transmission Parameters are provided with FGB to the first point of switching.

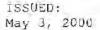
(T)

(D) Testing Capabilities

FGB is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type)

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Richard D. Lawson
State Executive, External Affairs

EFFECTIVE: June 2, 2000



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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature
 Groups (Cont'd)

6.2.2 Feature Group B (FGB) (Cont'd)

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(1)

- (B) Optional Features (Cont'd)
 - (3) Another feature, Bill Number Screening, which may be available in connection with FGB, is provided under the Telephone Company's local and/or general exchange service tariffs.

(C) <u>Transmission Performance</u>

FGB is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the end office when routed directly or to the first point of switching when routed via an access tandem. Type C Transmission specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with FGB to the first point of switching.

(D) <u>Testing Capabilities</u>

FGB is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type)

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Public Service Commission

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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

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- Switched Access Service (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature Commission Groups (Cont'd)
 - 6.2.2 Feature Group B (FGB) (Cont'd)
 - (B) Optional Features (Cont'd)
 - (4) Another feature, Bill Number Screening, which may be available in connection with FGB, is provided under the Telephone Company's local and/or general exchange service tariffs.
 - (C) <u>Transmission Performance</u>

FGB is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the end office when routed directly or to the first point of switching when routed via an access tandem. Type C Transmission specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with FGB to the first point of switching.

(D) Testing Capabilities

FGB is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type)

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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 1997

ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - Provision and Description of Switched Access Service Arrangements (Cont'd) 6.2
 - 6.2.2 Feature Group B (FGB) (Cont'd)

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Feature Group C (FGC) 6.2.3

- (A) Description
 - FGC is available in all end offices for LEC to LEC traffic. FGC (1) is provided at all Telephone Company end office switches on a direct trunk basis or via Telephone Company designated access tandem switches. FGC switching is provided to the customer (i.e., providers of MTS and WATS) at an end office switch unless Feature Group D end office switching is provided in the same office. When FGD is available, FGC will be discontinued for Interexchange Carriers (ICs).
 - (2) FGC is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start start-pulsing signals are provided in all offices where available. In those offices where wink start start-pulsing signals are not available, delay dial startpulsing signals will be provided, unless immediate dial pulse signaling is provided, in which case no start-pulsing signals are provided.
 - (3)FGC is provided with multifrequency address signaling. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

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- (M) Material omitted from this page now appears on Page 184.
- (M1) This material previously appeared on Page 186.

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ACCESS SERVICE

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- 6: Switched Access Service (Cont'd)
 - 6:2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
 - 6.2.2 Feature Group B (FGB) (Cont'd)
 - (D) Testing Capabilities (Cont'd)

test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.6 preceding, which are included with the installation of service, Additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Non-Scheduled Testing are available as set forth in 13.3.5 following.

- 6.2.3 Feature Group C (FGC)
 - (A) Description
 - (1) FGC is available in all end offices for LEC to LEC traffic. FGC is provided at all Telephone Company end office switches on a direct trunk basis or via Telephone Company designated access tandem switches. FGC switching is provided to the customer (i.e., providers of MTS and WATS) at an end office switch unless Feature Group D end office switching is provided in the same office. When FGD is available, FGC will be discontinued for Interexchange Carriers (ICs).
 - (2) FGC is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start start-pulsing signals are provided in all offices where available. In those offices where wink start start-pulsing signals are not available, delay dial start-pulsing signals will be provided, unless immediate dial pulse signaling is provided, in which case no start-pulsing signals are provided.
 - (3) FGC is provided with multifrequency address signaling.

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

EFFECTIVE: June 2, 2000



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Switched Access Service (Cont'd) 6.

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- Provision and Description of Switched Access Service Feature Groups (Cont'd)
 - 6.2.2 Feature Group B (FGB) (Cont'd)
 - (D) Testing Capabilities (Cont'd)

test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.6 preceding, which are included with the installation of service, Additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Non-Scheduled Testing are available as set forth in 13.3.5 following.

6.2.3 Feature Group C (FGC)

- (A) Description
 - (1) FGC is available in all end offices for LEC to LEC traffic. FGC is provided at all Telephone Company end office switches on a direct trunk basis or via Telephone Company designated access tandem switches. FGC switching is provided to the customer (i.e., providers of MTS and WATS) at an end office switch unless Feature Group D end office switching is provided in the same office. When FGD is available, FGC will be discontinued for Interexchange Carriers (ICs).
 - (2) FGC is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start start-pulsing signals are provided in all offices where available. In those offices where wink start start-pulsing signals are not available, delay dial startpulsing signals will be provided, unless immediate dial pulse signaling is provided, in which case no start-pulsing signals are provided.
 - (3) FGC is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In Schlag Commission

ISSUED: Richard D. Lawson FILFD MAR 1 0 2000 EFFECTIVE: February 9, 2000 State Executive, External Affairs

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ACCESS SERVICE

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- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature

 Groups (Cont'd) Contile Commission
 - 6.2.2 Feature Group B (FGB) (Cont'd)
 - (D) <u>Testing Capabilities</u> (Cont'd)

test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.6 preceding, which are included with the installation of service, Additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Non-Scheduled Testing are available as set forth in 13.3.5 following.

6.2.3 Feature Group C (FGC)

(A) Description

- (1) FGC is provided at all Telephone Company end office switches on a direct trunk basis or via Telephone Company designated access tandem switches. FGC switching is provided to the customer (i.e., providers of MTS and WATS) at an end office switch unless Feature Group D end office switching is provided in the same office. When FGD switching is available, FGC switching will not be provided.
- (2) FGC is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start start-pulsing signals are provided in all offices where available. In those offices where wink start start-pulsing signals are not available, delay dial start-pulsing signals will be provided, unless immediate dial pulse signaling is provided, in which case no start-pulsing signals are provided.
- (3) FGC is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency. OV 7 1892 signaling is not available. In

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MAR 1 0 2000 By しょ ストルの Public Service Commission MISSOURI

> ISSUED: September 17, 1992

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

EFFECTIVE:

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- 6. Switched Access Service (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)
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(T)

- 6.2.3 Feature Group C (FGC) (Cont'd)
 - (A) <u>Description</u> (Cont'd)



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- (4) No access code is required for FGC switching. The telephone number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, and 0 or 1 + NPA + NXX-XXXX.
- (5) FGC switching, when used in the terminating direction, may be used to access valid NXXs in the local calling area, time or weather announcement services of the Telephone Company, community information services of an information provider, and other customers' services (by dialing the appropriate codes) when the services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes

(M) Material omitted from this page now appears on Page 185.

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ACCESS SERVICE

Switched Access Service (Cont'd)

REC'D MAY 03 2000

- 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
 - 6.2.3 Feature Group C (FGC) (Cont'd)
 - (A) Description (Cont'd)
 - (3) (Cont'd)

(D)

Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

- (4) No access code is required for FGC switching. The telephone number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, and 0 or 1 + NPA + NXX-XXXX.
- (5) FGC switching, when used in the terminating direction, may be used to access valid NXXs in the local calling area, time or weather announcement services of the Telephone Company, community information services of an information provider, and other customers' services (by dialing the appropriate codes) when the services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes.



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- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature Commission
 Groups (Cont'd)
 - 6.2.3 Feature Group C (FGC) (Cont'd)
 - (A) <u>Description</u> (Cont'd)
 - (3) (Cont'd)

such switches address signaling will be dial pulse, revertive pulse, immediate dial pulse or panel call indicator signaling, whichever is available. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

- (4) No access code is required for FGC switching. The telephone number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, and 0 or 1 + NPA + NXX-XXXX.
- (5) FGC switching, when used in the terminating direction, may be used to access valid NXXs in the local calling area, time or weather announcement services of the Telephone Company, community information services of an information provider, and other customers' services (by dialing the appropriate codes) when the services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes

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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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- 6. Switched Access Service (Cont'd)
 - 6.2 <u>Provision and Description of Switched Access Service Arrangements</u> (Cont'd)
 - 6.2.3 Feature Group C (FGC) (Cont'd)
 - (A) <u>Description</u> (Cont'd)
 - (5) (Cont'd)

served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by offices subtending the access tandem may be accessed. Where measurement capabilities exist, the customer will also be billed additional non-access charges for calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Services. Additionally, non-access charges will also be billed for calls from a FGC trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911, and 101XXXX access codes. Calls will be (completed to Directory Assistance (NPA-555-1212 and 555-1212) when FGC switching is combined with Directory Assistance switching. The combination of FGC Switched Access Service with DA Service is provided as set forth in 9. following. FGC may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.

(6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGC switching is provided. When required for technical limitations, a separate trunk group will be established for each type of FGC switching arrangement provided. Different types of FGC or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

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6.2 <u>Provision and Description of Switched Access Service Feature Groups</u> (Cont'd)

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6.2.3 Feature Group C (FGC) (Cont'd)

(A) Description (Cont'd)

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served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by offices subtending the access tandem may be accessed. Where measurement capabilities exist, the customer will also be billed additional non-access charges for calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Services. Additionally, non-access charges will also be billed for calls from a FGC trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer, Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911, and 101XXXX access codes. Calls will be (completed to Directory Assistance (NPA-555-1212 and 555-1212) when FGC switching is combined with Directory Assistance switching. The combination of FGC Switched Access Service with DA Service is provided as set forth in 9, following. FGC may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.

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(6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGC switching is provided. When required for technical limitations, a separate trunk group will be established for each type of FGC switching arrangement provided. Different types of FGC or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

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MISSOURI Public Service Commission

ISSUED: July 2, 1998

BY: Richard Lawson
State Executive, External Affairs
319 Madison
Jefferson City, MO 65101

EFFECTIVE: August 3, 1998

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ACCESS SERVICE

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- Switched Access Service (Cont'd)
 - Provision and Description of Switched Access Service 6.2 Groups (Cont'd)
 - 6.2.3 Feature Group C (FGC) (Cont'd)

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- (A) <u>Description</u> (Cont'd)
- (5) (Cont'd)

served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by offices subtending the access tandem may be accessed. Where measurement capabilities exist, the customer will also be billed additional non-access charges for calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Services. Additionally, non-access charges will also be billed for calls from a FGC trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes. local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911, and 10XXX or 101XXXX access codes. Calls will be (completed to Directory Assistance (NPA-555-1212 and 555-1212) when FGC switching is combined with Directory Assistance switching. The combination of FGC Switched Access Service with DA Service is provided as set forth in 9. following. FGC may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.

(6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGC switching is provided. When required for technical limitations, a separate trunk group will be established for each type of FGC switching arrangement provided. Different types of FGC or other switching arrangements may be CANCELLED ephone Company. combined in a single trunk group at the option of the

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MISSOURI Public Service Commission

ISSUED: June 5, 1995

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

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

6.2 Provision and Description of Switched Access Service Feature

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6.2.3 Peature Group C (FGC) (Cont'd)

(A) <u>Description</u> (Cont'd)

(5) (Cont'd)

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When You'red served by that office may be accessed. through an access tandem, only those valid NXX codes served by offices subtending the access tandem may be accessed. Where measurement capabilities exist, the customer will also be billed additional non-access charges for calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Services. Additionally, non-access charges will also be billed for calls from a FGC trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911, and 10XXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 and 555-1212) when FGC switching is combined with Directory Assistance switching. The combination of FGC Switched Access Service with DA Service is provided as set forth in 9. following. FGC may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.

(6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGC switching is provided. When required for technical limitations, a separate trunk group will be established for each type of FGC switching arrangement provided. Different types of FGC or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 PROPERTY NO. 1992

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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

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- 6.2.3 Feature Group C (FGC) (Cont'd)
 - (B) Optional Features (where equipment is available)
 - (1) Common Switching Optional Features
 - (a) Automatic Number Identification (ANI)
 - (b) Service Class Routing
 - (c) Dial Pulse Address Signaling
 - (d) Revertive Pulse Address Signaling
 - (e) Delay Dial Start-Pulsing Signaling
 - (f) Immediate Dial Pulse Address Signaling
 - (g) Panel Call Indicator Address Signaling
 - (h) Alternate Traffic Routing
 - (i) Trunk Access Limitation
 - (j) End Office End User Line Service Screening for Use with WATS Access Line Service
 - (k) Hunt Group Arrangement for Use with WATS Access Line Service
 - (I) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
 - (m) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service
 - (n) Band Advance Arrangement for Use with WATS Access Line Service.
 - (o) Operator Trunks i.e., Pay Telephone. Pay Telephone Trunks are provided only at Telephone Company electronic end offices and other Telephone Company end offices where equipment is available.)

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- 6.2 Provision and Description of Switched Access Service Feature RigoduHi
 Groups (Cont'd)

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 - 6.2.3 Feature Group C (FGC) (Cont'd)
 - (B) Optional Features (where equipment is available)
 - (1) Common Switching Optional Features
 - (a) Automatic Number Identification (ANI)
 - (b) Service Class Routing
 - (c) Dial Pulse Address Signaling
 - (d) Revertive Pulse Address Signaling
 - (e) Delay Dial Start-Pulsing Signaling
 - (f) Immediate Dial Pulse Address Signaling
 - (g) Panel Call Indicator Address Signaling
 - (h) Alternate Traffic Routing
 - (i) Trunk Access Limitation
 - (j) End Office End User Line Service Screening for Use with WATS Access Line Service
 - (k) Hunt Group Arrangement for Use with WATS Access Line Service
 - (1) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
 - (m) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service
 - (n) Band Advance Arrangement for Use with WATS Access Line Service.
 - (o) Operator Trunks i.e., Pay Telephone. Pay Telephone Trunks are provided only at Telephone Company electronic end offices and other Telephone Company end offices where equipment is available.)

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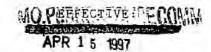
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ISSUED: January 15, 1997

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



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- б. Switched Access Service (Cont'd)
 - Provision and Description of Switched Access Service Feature 1993 6.2 Groups (Cont'd)
 - 6.2.3 Feature Group C (FGC) (Cont'd)

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- (B) Optional Features (where equipment is available)
 - (1) Local Switching Optional Features
 - (a) Automatic Number Identification (ANI)
 - Service Class Routing (b)
 - Dial Pulse Address Signaling (c)
 - (d) Revertive Pulse Address Signaling
 - Delay Dial Start-Pulsing Signaling (e)
 - (£) Immediate Dial Pulse Address Signaling
 - Panel Call Indicator Address Signaling (g)
 - (h) Alternate Traffic Routing
 - (i) Trunk Access Limitation
 - (j) End Office End User Line Service Screening for Use with WATS Access Line Service
 - Hunt Group Arrangement for Use with WATS Access (k) Line Service
 - (1)Uniform Call Distribution Arrangement for Use with WATS Access Line Service
 - Nonhunting Number for Use with Hunt Group (m) Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line
 - Band Advance Arrangement for Use with WATS (n) Access Line Service.
 - (o) Operator Trunks - i.e., Coin, Non-Coin and Combined Coin and Non-Coin. (Non-Coin Trunks are provided at Telephone Company electronic and electromechanical end offices. Coin and Combined Coin and Non-Coin are provided only at Telephone Company electronic end offices and other Telephone Company end offices where equipment is available.)

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

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- 6.2 Provision and Description of Switched Access Service Feature

 Groups (Cont'd)
 - 6.2.3 Feature Group C (FGC) (Cont'd)

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- (B) Optional Features (where equipment is available)
 - (1) Common Switching Optional Features
 - (a) Automatic Number Identification (ANI)
 - (b) Service Class Routing
 - (c) Dial Pulse Address Signaling
 - (d) Revertive Pulse Address Signaling
 - (e) Delay Dial Start-Pulsing Signaling
 - (f) Immediate Dial Pulse Address Signaling
 - (g) Panel Call Indicator Address Signaling
 - (h) Alternate Traffic Routing
 - (i) Trunk Access Limitation
 - End Office End User Line Service Screening for Use with WATS Access Line Service Hunt Group Arrangement for Use with WATS Access Line Service
 - (1) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
 - (m) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service
 - (n) Band Advance Arrangement for Use with WATS Access Line Service.
 - (2) <u>Transport Termination Optional Features</u> (where equipment is available)
 - (a) Operator Trunks i.e., Coin, Non-Coin and Combined Coin and Non-Coin. (Non-Coin Trunks are provided at Telephone Company electronic and electromechanical end offices. Coin and Combined Coin and Non-Coin are provided only at Telephone Company electronic end offices and other Telephone Company end offices where equipment is available.)

NOV 7 1992

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

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Embarq Missouri, Inc. d/b/a CenturyLink

Fifth Revised Page 189 Cancels Fourth Revised Page 189 (T)

ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

(C)

- 6.2.3 Feature Group C (FGC) (Cont'd)
 - (B) Optional Features (where equipment is available) (Cont'd)
 - (2) **Switched Transport Optional Features**

(C)

- (a) Supervisory signaling (as set forth in 6.1.3(B)(3)(a) preceding).
- (b) Customer Specification of Feature Group Directionality
- (c) Provision of Other Than Telephone Company Selectedd Traffice Routing
- (d) Improved Return Loss
- (e) Data Transmission Parameters

(N)

(N)

(C) **Transmission Specifications**

> FGC is provided with either Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or Type C is provided.
- When routed to an access tandem only Type B is provided.
- Type B or Type C is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2, 6 and 9, whether routed directly to an end office or to an access tandem.

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ACCESS SERVICE

Missouri Public

Switched Access Service (Cont'd)

REC'D JAN 07 2002

- 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
 - 6.2.3 Feature Group C (FGC) (Cont'd)

Service Commission

- (B) Optional Features (where equipment is available) (Cont'd)
 - (2) Local Transport Optional Features
 - (a) Supervisory signaling (as set forth in 6.1.3(B)(3)(a) preceding).
- (C) Transmission Specifications

FGC is provided with either Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or Type C is provided.
- When routed to an access tandem only Type B is provided.
- Type B or Type C is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2, 6 and 9, whether routed directly to an end office or to an access tandem.

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Missouri Public

FILED FEB 07 2002

Service Commission

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



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Second Revised Page 189 Cancels First Revised Page 189

Missouri Public Service Commission

ACCESS SERVICE

6. Switched Access Service (Cont'd)

- **RECD MAY 03 2000**
- 6.2 <u>Provision and Description of Switched Access Service Feature</u> Groups (Cont'd)
 - 6.2.3 Feature Group C (FGC) (Cont'd)
 - (B) Optional Features (where equipment is available) (Cont'd)
 - (2) Local Transport Optional Features
 - (a) Supervisory signaling (as set forth in 6.1.3(B)(3)(a) preceding).
 - (C) Transmission Specifications

FGC is provided with either Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or Type C is provided.
- When routed to an access tandem only Type B is provided.
- Type B or Type C is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2 through 9, whether routed directly to an end office or to an access tandem.

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ACCESS SERVICE

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- Switched Access Service (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature 1993
 Groups (Cont'd)
 - 6.2.3 Feature Group C (FGC) (Cont'd)

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- (B) Optional Features (where equipment is available) (Cont'd)
 - (2) Local Transport Optional Features

Supervisory signaling (as set forth in 6.1.3(B)(3)(a) preceding).

(C) Transmission Specifications

(a)

FGC is provided with either Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or Type C is provided.
- When routed to an access tandem only Type B is provided.
- Type B or Type C is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2 through 10, whether routed directly to an end office or to an access tandem.

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Public Service Communication
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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

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ACCESS SERVICE

SEP 17 1992

- 6. Switched Access Service (Cont'd)
 - MISSOURI Provision and Description of Switched Access Service Feature Go Commission 6.2 Groups (Cont'd)
 - 6.2.3 Feature Group C (FGC) (Cont'd)
 - (B) Optional Features (where equipment is available) (Cont'd)
 - (3) Local Transport Optional Features
 - Supervisory signaling (as set forth in 6.1.3(B)(3)(a) preceding).
 - (C) Transmission Specifications

FGC is provided with either Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or Type C is provided.
- When routed to an access tandem only Type B is provided.
- Type B or Type C is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2 through 10, whether routed directly to an end office or to an access tandem.

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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

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- 6.2 <u>Provision and Description of Switched Access Service Arrangements</u> (Cont'd)
- (C)

- 6.2.3 Feature Group C (FGC) (Cont'd)
 - (C) <u>Transmission Performance</u> (Cont'd)

Type DB Data Transmission Parameters are provided with FGC for the transmission path between the customer's premises and the end office when directly routed to the end office, and Type DB Data Trans-mission Parameters are provided for the transmission path between the customer's premises and the access tandem and between the access tandem and the end office when routed via an access tandem.

(D) <u>Testing Capabilities</u>

FGC is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing or Manual Scheduled Testing, and Nonscheduled Testing are available as set forth in 13.3.5 following for FGC.

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - WE WAR 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
 - 6.2.3 Feature Group C (FGC) (Cont'd)
 - (C) Transmission Performance (Cont'd)

Type DB Data Transmission Parameters are provided with FGC for the transmission path between the customer's premises and the end office when directly routed to the end office, and Type DB Data Transmission Parameters are provided for the transmission path between the customer's premises and the access tandem and between the access tandem and the end office when routed via an access tandem.

(D) Testing Capabilities

> FGC is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line. automatic transmission measuring (105 type) test line. data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing or Manual Scheduled Testing, and Nonscheduled Testing are available as set forth in 13.3.5 following for FGC.

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)
 - 6.2 <u>Provision and Description of Switched Access Service Arrangements</u> (Cont'd)

(C)

6.2.4 Feature Group D (FGD)

- (A) <u>Description</u>
 - (1) FGD is provided at Telephone Company designated electronic end office switches whether routed directly or via Telephone Company designated electronic access tandem switches.
 - (2) FGD is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.
 - (3) FGD switching is provided with multifrequency address signaling. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.
- (C)
- (4) FGD switching, when used in the terminating direction, may be used to access valid NXXs in the local exchange, time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate codes) when such services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls to certain

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ACCESS SERVICE

SEP 17 1992

- Switched Access Service (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature Only Stor

6.2.4 Feature Group D (FGD)

(A) Description

- (1) FGD is provided at Telephone Company designated electronic end office switches whether routed directly or via Telephone Company designated electronic access tandem switches.
- (2) FGD is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.
- (3) FGD switching is provided with multifrequency address signaling. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Local Transport provided.
- (4) FGD switching, when used in the terminating direction, may be used to access valid NXXs in the local exchange, time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate codes) when such services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls to certain

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- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.2 <u>Provision and Description of Switched Access Service Arrangements</u> (Cont'd)
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- 6.2.4 Feature Group D (FGD) (Cont'd)
 - (A) <u>Description</u> (Cont'd)
 - (4) (Cont'd)

community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Service. Additionally, non-access charges will also be billed for calls from a FGD trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911 or 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 and 555-1212) when FGD switching is combined with Directory Assistance switching. The combination of FGD Switched Access Service with DA Service is provided as set forth in 9. following. FGD may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.

- (5) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGD switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGD switching arrangement provided. Different types of FGD or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.
- (6) The access code for FGD switching is a uniform access code of the form 101XXXX. These uniform access codes will be the assigned access numbers of all FGD access

Switched Access Service (Cont'd)

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- 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
 - 6.2.4 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

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community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Service. Additionally, non-access charges will also be billed for calls from a FGD trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911 or 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 and 555-1212) when FGD switching is combined with Directory Assistance switching. The combination of FGD Switched Access Service with DA Service is provided as set forth in 9. following. FGD may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.

(CT)

- (5) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGD switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGD switching arrangement provided. Different types of FGD or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.
- (6) The access code for FGD switching is a uniform access code of the form 101XXXX. These uniform access codes will be (CT) the assigned access numbers of all FGD access

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AUG 03 1998

MISSOURI Public Service Commission

> EFFECTIVE: August 3, 1998

ISSUED: July 2, 1998 BY: Richard Lawson
State Executive, External Affairs
319 Madison
Jefferson City, MO 65101

First Revised Page 192 Cancels Original Page 192

ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - 6.2 Provision and Description of Switched Access SATYRE REPORTS
 Groups (Cont'd)
 - 6.2.4 Feature Group D (FGD) (Cont'd)
 - (A) <u>Description</u> (Cont'd)

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(4) (Cont'd)

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- (5) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGD switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGD switching arrangement provided. Different types of FGD or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.
- (6) The access code for FGD switching is a uniform access code of the form 10XXX or 101XXXX. These uniform access codes will be the assigned access numbers of all FGD access

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MISSOURI Public Service Commission

ISSUED: June 5, 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. Switched Access Service (Cont'd)

MISSOURI Provision and Description of Switched Access Service Feature Maission 6.2 Groups (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

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Description (Cont'd) (A)

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BY_1 at R.S. \$192 community information service Quebic Service Commission are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Service. Additionally, non-access charges will also be billed for calls from a FGD trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911 and 10XXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 and 555-1212) when FGD switching is combined with Directory Assistance switching. The combination of FGD Switched Access Service with DA Service is provided as set forth in 9. following. FGD may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.

- (5) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGD switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGD switching arrangement provided. Different types of FGD or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.
- The access code for FGD switching is a uniform access code of the form 10XXX. These uniform (6) access codes will be the assigned access of all FGD access

ISSUED: September 17, 1992

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

EFFECTIVE: October 17, 1992 NOV 7 1992

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - 6.2 <u>Provision and Description of Switched Access Service Arrangements</u> (Cont'd)
 - 6.2.4 Feature Group D (FGD) (Cont'd)
 - (A) <u>Description</u> (Cont'd)
 - (6) (Cont'd)

provided to the customer by the Telephone Company. No access code is required for calls to a customer over FGD Switched Access Service if the end user's telephone exchange service is arranged for presubscription to that customer as set forth in 13. following.

Where no access code is required, the number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). The form of the numbers dialed by the customer's end user is NXX-XXXX, or 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX.

When the 101XXXX access code is used, FGD switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Telephone Company's emergency reporting service, or at the customer's option, the end-of-dialing digit (#) for cut-through access to the customer's premises.

(7) FGD switching will be arranged to accept calls from telephone exchange service locations without the need for dialing the 101XXXX uniform access code. Each telephone exchange service line may be marked with a presubscription code to identify which 101XXXX code its calls will be directed to for interLATA and intraLATA service. Presubscription codes are applied as set forth in 13. following.

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6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

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provided to the customer by the Telephone Company. No access code is required for calls to a customer over FGD Switched Access Service if the end user's telephone exchange service is arranged for presubscription to that customer as set forth in 13, following.

Where no access code is required, the number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). The form of the numbers dialed by the customer's end user is NXX-XXXX, or 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX.

When the 101XXXX access code is used, FGD switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Telephone Company's emergency reporting service, or at the customer's option, the end-of-dialing digit (#) for cutthrough access to the customer's premises.

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ISSUED: July 2, 1998

BY: Richard Lawson
State Executive, External Affairs
319 Madison
Jefferson City, MO 65101

EFFECTIVE: August 3, 1998

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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.2 Provision and Description of Switched Access Service SIVED Feature Groups (Cont'd)
 - 6.2.4 Feature Group D (FGD) (Cont'd)

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- (A) <u>Description</u> (Cont'd)
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provided to the customer by the Telephone Company. No access code is required for calls to a customer over FGD Switched Access Service if the end user's telephone exchange service is arranged for presubscription to that customer as set forth in 13. following.

Where no access code is required, the number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). The form of the numbers dialed by the customer's end user is NXX-XXXX, or 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX.

When the 10XXX or 101XXXX access code is used, FGD switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Telephone Company's emergency reporting service, or at the customer's option, the end-of-dialing digit (#) for cut-through access to the customer's premises.

(7) FGD switching will be arranged to accept calls from telephone exchange service locations without the need for dialing the 10XXX or 101XXXX uniform access code. Each telephone exchange service line may be marked with a presubscription code to identify which 10XXX or 101XXXX code its calls will be directed to for interLATA and intraLATA service. Presubscription codes are applied as set forth in 13. following.

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- Switched Access Service (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature
 Groups (Cont'd)

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 - 6.2.4 Feature Group D (FGD) (Cont'd)
 - (A) <u>Description</u> (Cont'd)

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(6) (Cont'd)

provided to the customer by the Telephone Company. No access code is required for calls to a customer over FGD Switched Access Service if the end user's telephone exchange service is arranged for presubscription to that customer as set forth in 13. following.

Where no access code is required, the number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). The form of the numbers dialed by the customer's end user is NXX-XXXX, or 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX.

When the 10XXX or 101XXXX access code is used, (C) FGD switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Telephone Company's emergency reporting service, or at the customer's option, the end-of-dialing digit (#) for cut-through access to the customer's premises.

(7) FGD switching will be arranged to accept calls from telephone exchange service locations without the need for dialing the 10XXX or 101XXXX uniform access code. Each telephone exchange service line may be marked with a presubscription code to identify which 10XXX or 101XXXX code its calls will be directed to for interLATA service. Presubscription codes are applied as set forth in 13. following.

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ISSUED: June 5, 1995

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

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ACCESS SERVICE

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- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Fearing Elicipiesion
 Groups (Cont'd)
 - 6.2.4 Feature Group D (FGD) (Cont'd)
 - (A) <u>Description</u> (Cont'd)
 - (6) (Cont'd)

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provided to the customer by the Telephone Company. No access code is required for calls to a customer over FGD Switched Access Service if the end user's telephone exchange service is arranged for presubscription to that customer as set forth in 13. following.

Where no access code is required, the number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). The form of the numbers dialed by the customer's end user is NXX-XXXX, or 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX.

When the 10XXX access code is used, FGD switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Telephone Company's emergency reporting service, or at the customer's option, the end-of-dialing digit (#) for cut-through access to the customer's premises.

from telephone exchange service locations without the need for dialing the 10XXX uniform access code. Each telephone exchange service line may be marked with a presubscription code to identify which 10XXX code its calls will be directed to for interLATA service. Presubscription codes are applied as set forth in 13. following.

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- 6. Switched Access Service (Cont'd)
 - Provision and Description of Switched Access Service Arrangements (Cont'd) 6.2
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- Feature Group D (FGD) (Cont'd) 6.2.4
 - (A) Description (Cont'd)
 - (8)When a customer has had FGB access in an end office and subsequently replaces the FGB access with FGD access, at the mutual agreement of the customer and the Telephone Company, the Telephone Company will, for a limited period of time, direct calls dialed by the customer's end users using the customer's previous FGB access code to the customer's FGD access service. The customer must be prepared to handle normally dialed FGD calls as well as calls dialed with the FGB access code which requires the customer to receive additional address signaling from the end user. Such calls will be rated as FGD.

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Switched Access Service (Cont'd)

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- 6.2 Provision and Description of Switched Access Service Feature
 Groups (Cont'd)
 - 6.2.4 Feature Group D (FGD) (Cont'd)
 - (A) Description (Cont'd)
 - (8) When a customer has had FGB access in an end office and subsequently replaces the FGB access with FGD access, at the mutual agreement of the customer and the Telephone Company, the Telephone Company will, for a limited period of time, direct calls dialed by the customer's end users using the customer's previous FGB access code to the customer's FGD access service. The customer must be prepared to handle normally dialed FGD calls as well as calls dialed with the FGB access code which requires the customer to receive additional address signaling from the end user. Such calls will be rated as FGD.

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

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April 30, 2007

Missouri Public
Service Commission

Switched Access Service (Cont'	d)
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- 6.2 <u>Provision and Description of Switched Access Service Arrangements</u> (Cont'd)
- (C)

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- 6.2.4 Feature Group D (FGD) (Cont'd)
 - (B) Optional Features (where equipment is available)
 - (1) <u>Local Switching Optional Features</u>
 - (a) Automatic Number Identification (ANI)
 - (b) Service Class Routing
 - (c) Alternate Traffic Routing
 - (d) Call Gapping Arrangement
 - (e) Trunk Access Limitation
 - (f) International Carrier Option
 - (g) End Office End User Line Service Screening for Use with WATS Access Line Service
 - (h) Hunt Group Arrangement for Use with WATS Access Line Service
 - (i) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
 - (j) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service
 - (k) Band Advance Arrangement for Use with WATS Access Line Service
 - (I) Cut-Through
 - (m) Flexible Automatic Number Identification (Flex ANI)
 - (n) Operator Trunk, Full Feature Arrangement
 - (o) Feature Group D With 950 Access
 - (p) Switched 64 Clear Channel Capability
 - (q) Multifrequency Address Signaling
 - (2) <u>Switched Transport Optional Features</u> (where equipment is available)
 - (a) Supervisory Signaling (as set forth in 6.1.3(B)(3)(a) preceding)
 - (b) Improved Return Loss
 - (c) Data Transmission Parameters
 - (d) Provision of Other Than Telephone Company Selected Traffic Routing
 - (e) Customer Specification of Feature Group Directionality

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6.	Switched Access Service	(Cont'd)
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- 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
 - 6.2.4 Feature Group D (FGD) (Cont'd)
 - (B) Optional Features (where equipment is available)
 - Local Switching Optional Features
 - (a) Automatic Number Identification (ANI)
 - (b) Service Class Routing
 - (c) Alternate Traffic Routing
 - (d) Call Gapping Arrangement
 - (e) Trunk Access Limitation
 - (f) International Carrier Option
 - (g) End Office End User Line Service Screening for Use with WATS Access Line Service
 - (h) Hunt Group Arrangement for Use with WATS Access Line Service
 - Uniform Call Distribution Arrangement for Use with WATS Access Line Service
 - (j) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service
 - (k) Band Advance Arrangement for Use with WATS Access Line Service
 - (I) Cut-Through
 - (m) Flexible Automatic Number Identification (Flex ANI)
 - (n) Operator Trunk, Full Feature Arrangement
 - (o) Feature Group D With 950 Access
 - (p) Switched 64 Clear Channel Capability
 - (q) Multifrequency Address Signaling
 - (2) Local Transport Optional Features (where equipment is available)
 - (a) Supervisory Signaling (as set forth in 6.1.3(B)(3)(a) preceding)
 - (b) Improved Return Loss
 - (c) Data Transmission Parameters
 - (d) Provision of Other Than Telephone Company Selected Traffic Routina
 - (e) Customer Specification of Feature Group Directionality

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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- 6. Switched Access Service (Cont'd)
 - Provision and Description of Switched Access Service Heature 995 6.2 Groups (Cont'd)
 - 6.2.4 Feature Group D (FGD) (Cont'd)

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- Optional Features (where equipment is available)
 - Local Switching Optional Features (1)
 - Automatic Number Identification (ANI)

Service Class Routing (b)

- Alternate Traffic Routing (c)
- Call Gapping Arrangement Trunk Access Limitation (d)
- (e)
- International Carrier Option (f)
- End Office End User Line Service Screening (g) for Use with WATS Access Line Service
- Hunt Group Arrangement for Use with WATS (h) Access Line Service
- Uniform Call Distribution Arrangement for (i) Use with WATS Access Line Service
- Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution (i) Arrangement for Use with WATS Access Line Service
- (k) Band Advance Arrangement for Use with WATS Access Line Service
- (1)Cut-Through
- Flexible Automatic Number Identification (m) (Flex ANI)
- (n) Operator Trunk, Full Feature Arrangement
- (O) Feature Group D With 950 Access

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- (2) Local Transport Optional Features (where equipment is available)
 - Supervisory Signaling (as set forth in 6.1.3(B)(3)(a) preceding)

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ISSUED: June 5, 1995

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

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Cancels First Revised page 195

ACCESS SERVICE

NOV 2 1993

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature

 Groups (Cont'd)
 - 6.2.4 Feature Group D (FGD) (Cont'd)

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- (B) Optional Features (where equipment is available 151995
 - (1) Local Switching Optional Features BY Public Service Commission
 - (a) Automatic Number Identification (ANT)
 - (b) Service Class Routing
 - (c) Alternate Traffic Routing
 - (d) Call Gapping Arrangement
 - (e) Trunk Access Limitation
 - (f) International Carrier Option
 - (g) End Office End User Line Service Screening for Use with WATS Access Line Service
 - (h) Hunt Group Arrangement for Use with WATS Access Line Service
 - (i) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
 - (j) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service
 - (k) Band Advance Arrangement for Use with WATS Access Line Service
 - (1) Cut-Through
 - (m) Flexible Automatic Number Identification
 (Flex ANI)

(n) Operator Trunk, Full Feature Arrangement

Feature Arrangement (T)

(D)

- (2) <u>Local Transport Optional Features</u> (where equipment is available)
 - (a) Supervisory Signaling (as set forth in 6.1.3(B)(3)(a) preceding)

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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. Switched Access Service (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

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6.2.4 Feature Group D (FGD) (Cont'd)

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- (B) Optional Features (where equipment is available)
 - (1) Common Switching Optional Features
 - (a) Automatic Number Identification (ANI)
 - (b) Service Class Routing
 - (c) Alternate Traffic Routing
 - (d) Call Gapping Arrangement
 - (e) Trunk Access Limitation
 - (f) International Carrier Option
 - (g) End Office End User Line Service Screening for Use with WATS Access Line Service
 - (h) Hunt Group Arrangement for Use with WATS Access Line Service
 - (i) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
 - (j) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service
 - (k) Band Advance Arrangement for Use with WATS Access Line Service
 - (1) Cut-Through
 - (m) Flexible Automatic Number Identification (Flex ANI)
- (Flex ANI) (N)
 - (2) <u>Transport Termination Optional Features</u> (where equipment is available)
 - (a) Operator Trunk, Full Feature Arrangement
 - (3) Local Transport Optional Features (where equipment is available)
 - (a) Supervisory Signaling (as set forth in 6.1.3(B)(3)(a) preceding)

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MG. 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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б. Switched Access Service (Cont'd) MISSOURI

- Provision and Description of Switched Access Service Feature Commission 6.2 Groups (Cont'd)
 - 6.2.4 Feature Group D (FGD) (Cont'd)

(c)

- Optional Features (where equipment is availa CANCELLED (B)
 - (1) Common Switching Optional Features

MAY 1 1993

- Automatic Number Identification (PNI) / AFRS 18
- (b)
- Public Service Commission MISSOURI
- Alternate Traffic Routing (d) Call Gapping Arrangement
- Trunk Access Limitation (e)
- (f) International Carrier Option
- End Office End User Line Service Screening (g) for Use with WATS Access Line Service
- Hunt Group Arrangement for Use with WATS (h) Access Line Service
- (i) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
- Nonhunting Number for Use with Hunt Group **(**j) Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service
- Band Advance Arrangement for Use with WATS (k) Access Line Service
- (1) Cut-Through
- Transport Termination Optional Features (where (2) equipment is available)
 - (a) Operator Trunk, Full Feature Arrangement
- Local Transport Optional Features (where (3) equipment is available)
 - Supervisory Signaling (as set forth in (a) 6.1.3(B)(3)(a) preceding)

KOV 7 1992

ISSUED: September 17, 1992

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

EFFECTIVE: a October 200 Paragraph NOV 7 1992

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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.2 <u>Provision and Description of Switched Access Service Arrangements</u> (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(C) <u>Transmission Specifications</u>

FGD is provided with either Type A, Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or C is provided.
- When routed to an access tandem only Type A is provided.
- Type A is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1. Type A and Type B Transmission Specifications are provided with Interface Groups 2, 6 and 9.

Type DA Data Transmission Parameters are provided for the transmission path between the customer's premises and the access tandem and between the access tandem and the end office. Type DB Data Transmission Parameters are provided with FGD for the transmission path between the customer's premises and the end office when directly routed to the end office.

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Second Revised Page 196 Cancels First Revised Page 196

ACCESS SERVICE

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6. Switched Access Service (Cont'd)

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6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

Service Commission

6.2.4 Feature Group D (FGD) (Cont'd)

(C) Transmission Specifications

FGD is provided with either Type A, Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or C is provided.
- When routed to an access tandem only Type A is provided.
- Type A is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1. Type A and Type B Transmission Specifications are provided with Interface Groups 2, 6 and 9.

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Type DA Data Transmission Parameters are provided for the transmission path between the customer's premises and the access tandem and between the access tandem and the end office. Type DB Data Transmission Parameters are provided with FGD for the transmission path between the customer's premises and the end office when directly routed to the end office.

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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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Missouri Public Service Commission

ACCESS SERVICE

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

- **RECD MAY 03** 2000
- 6.2 <u>Provision and Description of Switched Access Service Feature</u> Groups (Cont'd)
 - 6.2.4 Feature Group D (FGD) (Cont'd)
 - (C) Transmission Specifications

FGD is provided with either Type A, Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either
 Type B or C is provided.
- When routed to an access tandem only Type A is provided.
- Type A is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1. Type A and Type B Transmission Specifications are provided with Interface Groups 2 through 9.

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Type DA Data Transmission Parameters are provided for the transmission path between the customer's premises and the access tandem and between the access tandem and the end office. Type DB Data Transmission Parameters are provided with FGD for the transmission path between the customer's premises and the end office when directly routed to the end office.

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

EFFECTIVE: June 2, 2000

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ACCESS SERVICE

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- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature Commission Groups (Cont'd)
 - 6.2.4 Feature Group D (FGD) (Cont'd)
 - (C) Transmission Specifications

FGD is provided with either Type A, Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or C is provided.
- When routed to an access tandem only Type A is provided.
- Type A is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1. Type A and Type B Transmission Specifications are provided with Interface Groups 2 through 10.

Type DA Data Transmission Parameters are provided for the transmission path between the customer's premises and the access tandem and between the access tandem and the end office. Type DB Data Transmission Parameters are provided with FGD for the transmission path between the customer's premises and the end office when directly routed to the end office.

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

6.2 <u>Provision and Description of Switched Access Service Arrangements</u> (Cont'd)

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6.2.4 Feature Group D (FGD) (Cont'd)

(D) Testing Capabilities

FGD is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing, and NonScheduled Testing, are available for FGD as set forth in 13.3.5 following.

6.2.5 Miscellaneous Switched Access Services

(A) WATS Access Line Service

WATS Access Line Service combines Switched Access Service with Voice Grade Special Access Service that connects an end user premise with a WATS Serving Office. WATS Access Line Service will be provided as follows:

(1) Originating

WATS Access Line Service used for originating calling purposes is available only in conjunction with Feature Group C and D Switched Access Service.

When intrastate WATS Access Line Service is utilized for originating non-joint provided Wide Area Telecommunications Service, intraLATA calling is provided by the Telephone Company and will be billed as described in the Wide Area Telecommunications

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6. Switched Access Service (Cont'd)

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6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(D) Testing Capabilities

FGD is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing, and NonScheduled Testing, are available for FGD as set forth in 13.3.5 following.

6.2.5 Miscellaneous Switched Access Services

(A) WATS Access Line Service

WATS Access Line Service combines Switched Access Service with Voice Grade Special Access Service that connects an end user premise with a WATS Serving Office. WATS Access Line Service will be provided as follows:

(1) Originating

WATS Access Line Service used for originating calling purposes is available only in conjunction with Feature Group C and D Switched Access Service.

When intrastate WATS Access Line Service is utilized for originating non-joint provided Wide Area Telecommunications Service, intraLATA calling is provided by the Telephone Company and will be billed as described in the Wide Area Telecommunications

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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. Switched Access Service (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

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- 6.2.5 <u>Miscellaneous Switched Access Services</u> (Cont'd)
 - (A) WATS Access Line Service (Cont'd)
 - (1) Originating (Cont'd)

Service Tariff. InterLATA calling is provided by the customer and Switched Access charges as specified in this tariff will apply to such originating interLATA usage. For originating WATS Access Line Service, a WATS Access Line charge will apply as described in Section 7, following.

When intrastate WATS Access Line Service is utilized for originating joint provided Wide Area Telecommunications Service, intraLATA calling is provided by the Telephone Company and will be billed as described in the Wide Area Telecommunication Service tariff. InterLATA calling is provided by the customer and Switched Access charges as specified in this tariff will apply for such originating interLATA usage. For originating WATS Access Line service, a WATS Access Line charge will apply as described in Section 7, following, and in addition, a WATS Access Line charge will apply as specified in the Wide Area Telecommunications Service Tariff.

(2) Terminating

WATS Access Line Service used for terminating calling purposes is available in conjunction with Feature Groups A, B, C and D Switched Access Service.

Intrastate WATS Access Line Service may be utilized in the terminating direction for the completion of non-joint provided TFC Access Service calling as described in (B), following. For this arrangement, terminating interLATA and intraLATA usage will be billed Switched Access charges as specified in this tariff. For non-joint provided TFC Access

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ACCESS SERVICE

6. Switched Access Service (Cont'd) MAR 27 1998

- Provision and Description of Switched Access Service Feature Ri 6.2 mbird Service Commiss :-Groups (Cont'd)
 - 6.2.5 Miscellaneous Switched Access Services (Cont'd)
 - WATS Access Line Service (Cont'd) (A)
 - (1) Originating (Cont'd)

Service Tariff. InterLATA calling is provided by the customer and Switched Access charges as specified in this tariff will apply to such originating interLATA usage. For originating WATS Access Line Service, a WATS Access Line charge will apply as described in Section 7, following.

When intrastate WATS Access Line Service is utilized for originating joint provided Wide Area Telecommunications Service, intraLATA calling is provided by the Telephone Company and will be billed as described in the Wide Area Telecommunication Service tariff. InterLATA calling is provided by the customer and Switched Access charges as specified in this tariff will apply for such originating interLATA usage. For originating WATS Access Line service, a WATS Access Line charge will apply as described in Section 7, following, and in addition, a WATS Access Line charge will apply as specified in the Wide Area Telecommunications Service Tariff.

(2) Terminating

> WATS Access Line Service used for terminating calling purposes is available in conjunction with Feature Groups A. B. C and D Switched Access Service.

Intrastate WATS Access Line Service may be utilized in the terminating direction for the completion of non-joint provided TFC Access Service calling as described in (B), following, For this arrangement, terminating interLATA and intraLATA usage will be billed Switched Access charges as specified in this tariff. For nonjoint provided TFC Access

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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. Switched Access Service (Cont'd)
 - Provision and Description of Switched Access Service 6.2 Groups (Cont'd)
 - 6.2.5 <u>Miscellaneous Switched Access Services</u> (Cont'd)
 - WATS Access Line Service (Cont'd) (A)
 - (1) Originating (Cont'd)

Service Tariff. InterLATA calling is provided by the customer and Switched Access charges as specified in this tariff will apply to such originating interLATA usage. For originating WATS Access Line Service, a WATS Access Line charge will apply as described in Section 7, following.

When intrastate WATS Access Line Service is utilized for originating joint provided Wide Area Telecommunications Service, intraLATA calling is provided by the Telephone Company and BY Service Commissional apply for such origination of the Service apply and Access charges as specified in this tariff apply for such origination. Access Line charge will apply as described in Section 7, following, and in addition, a WATS Access Line charge will apply as specified in the Wide Area Telecommunications Service Tariff.

(2) Terminating

WATS Access Line Service used for terminating calling purposes is available in conjunction with Feature Groups A, B, C and D Switched Access Service.

Intrastate WATS Access Line Service may be utilized in the terminating direction for the completion of non-joint provided 800 Access Service calling as described in (B), following. For this arrangement, terminating interLATA and the intraLATA usage will be billed Switched Access charges as specified in this tariff. For non-7 1092 joint provided 800 Access

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. Switched Access Service (Cont'd)

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- 6.2 Provision and Description of Switched Access Service Feacher Commission Groups (Cont'd) Public Sendre Commission
 - 6.2.5 WATS Access Line Service (Cont'd)
 - (A) WATS Access Line Service (Cont'd)
 - (2) Terminating (Cont'd)

Service which utilizes terminating WATS Access Line Service for the completion of TFC Access Service calling, a WATS Access Line charge will apply as described in Section 7, following.

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Intrastate WATS Access Line Service may be utilized in the terminating direction for the completion of joint provided TFC Access Service calling as described in (B), following. For this arrangement, terminating interLATA usage will be billed Switched Access charges as described in this tariff. IntraLATA usage will be billed as specified in the Wide Area Telecommunications Service Tariff. For joint provided TFC Access Service which utilizes terminating WATS Access Line Service for the completion of TFC Access Service calling a WATS Access Line charge will apply as specified in Section 7, following, and in addition, a WATS Access Line charge will apply as described in the Wide Area Telecommunication Service Tariff.

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Local Switching optional features for WATS Access Line Service are provided in Section 6.

WATS Access Line Service is provided with either dial pulse or dual tone multifrequency address signaling and either loop start or ground start supervisory signaling. The choice of the type of signaling is at the option of the customer.

A description of WATS Access Line Service provided in 7.2.11 following.

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ISSUED: March 27, 1996

[996 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

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Second Revised Page 199 Cancels First Revised Page 199

ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature

 Groups (Cont'd)
 - 6.2.5 Miscellaneous Switched Access Service (Cont'd)

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- (A) WATS Access Line Service (Cont'd)
- (2) <u>Terminating</u> (Cont'd)

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Service which utilizes terminating WATS Access Line Service for the completion of 800 Access Service calling, a WATS Access Line charge will apply as described in Section 7, following.

Intrastate WATS Access Line Service may be utilized in the terminating direction for the completion of joint provided 800 Access Service calling as described in (B), following. For this arrangement, terminating interLATA usage will be billed Switched Access charges as described in this tariff. IntraLATA usage will be billed as specified in the Wide Area Telecommunications Service Tariff. For joint provided 800 Access Service which utilizes terminating WATS Access Line Service for the completion of 800 Access Service calling a WATS Access Line charge will apply as specified in Section 7, following, and in addition, a WATS Access Line charge will apply as described in the Wide Area Telecommunication Service Tariff.

Local Switching optional features for WATS Access Line Service are provided in Section 6.

WATS Access Line Service is provided with either dial pulse or dual tone multifrequency address signaling and either loop start or ground start supervisory signaling. The choice of the type of signaling is at the option of the customer.

A description of WATS Access Line Service provided in 7.2.11 following.

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November 7, 1993

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

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - Provision and Description of Switched Access Service Feature 6.2
 - 6.2.5 Miscellaneous Switched Access Service (Cont'd)

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(A) WATS Access Line Service (Cont'd) MO. PUBLIC SERVICE COMM.

(2) Terminating (Cont'd)

> Service which utilizes terminating WATS Access Line Service for the completion of 800 Access Service calling, a WATS Access Line charge will apply as described in Section 7, following.

Intrastate WATS Access Line Service may be utilized in the terminating direction for the completion of joint provided 800 Access Service calling as described in (B), following. For this arrangement, terminating interLATA usage will be billed Switched Access charges as described in this tariff. IntraLATA usage will be billed as specified in the Wide Area Telecommunications Service Tariff. For joint provided 800 Access Service which utilizes terminating WATS Access Line Service for the completion of 800 Access Service calling a WATS Access Line charge will apply as specified in Section 7, following, and in addition, a WATS Access Line charge will apply as described in the Wide Area Telecommunication Service Tariff.

Common Switching optional features and Line Terminations for WATS Access Line Service are provided in Section 6.

WATS Access Line Service is provided with either dial pulse or dual tone multifrequency address signaling and either loop start or ground start supervisory signaling. The choice of the type of signaling is at the option of the customer.

A description of WATS Access Line Service provided in 7.2.11 following.

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Public Service Commission MAY 0 1 1993

MG. PUBLIC SEAVICE CONTAIN.

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

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6.2 <u>Provision and Description of Switched Access Service Feature</u>
<u>Groups</u> (Cont'd)

6.2.5 WATS Access Line Service (Cont'd)

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(A) WATS Access Line Service (Cont'd)

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(2) <u>Terminating</u> (Cont'd)

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Service which utilizes terminating WATS Access/MASOUR! Service for the completion of 800 Access Service calling, a WATS Access Line charge will apply as described in Section 7, following.

Intrastate WATS Access Line Service may be utilized in the terminating direction for the completion of joint provided 800 Access Service calling as described in (B), following. For this arrangement, terminating interLATA usage will be billed Switched Access charges as described in this tariff. IntraLATA usage will be billed as specified in the Wide Area Telecommunications Service Tariff. For joint provided 800 Access Service which utilizes terminating WATS Access Line Service for the completion of 800 Access Service calling a WATS Access Line charge will apply as specified in Section 7, following, and in addition, a WATS Access Line charge will apply as described in the Wide Area Telecommunication Service Tariff.

Common Switching optional features and Line Terminations for WATS Access Line Service are provided in Section 6.

WATS Access Line Service is provided with either dial pulse or dual tone multifrequency address signaling and either loop start or ground start supervisory signaling. The choice of the type of signaling is at the option of the customer.

A description of WATS Access Line Service provided in 7.2.11 following.

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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

(C)

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

ACCESS SERVICE

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

6.2.5

- 6.2 <u>Provision and Description of Switched Access Service Arrangements</u> (Cont'd)
 - Miscellaneous Switched Access Service (Cont'd)
 - (B) Toll Free Code (TFC) Access Service
 - (1) <u>Description</u>

TFC Access Service is an originating trunk side switched service that is available to the customer via TFC Access Service trunk groups, or may be provided in conjunction with FGB, FGC, or FGD. The service provides for the forwarding of end user dialed TFC calls to a Telephone Company Service Switching Point (SSP) which will initiate a TFC data base query to the Telephone Company's TFC data base to perform the customer identification function. The call is forwarded to the appropriate customer based on the dialed TFC number. The customer has the option of having the TFC dialed number (i.e., TFC-NXX-XXXX), or, if the TFC to Local Exchange Number Translation optional feature described in Section 6.2.5 is specified, a translated ten digit local exchange number (i.e., NPA-NXX-XXXX), delivered to the customer premises.

No access code is required for TFC Access Service. When the TFC call is originated by an end user, the Telephone Company will perform the TFC data base query based on the dialed digits to determine the customer location to which the call is to be routed. The TFC data base query will be performed from suitably equipped end offices or access tandems. If the call originates from an end office not equipped to perform the TFC data base query, the call will be routed to an access tandem at which the query function is available. Once customer identification has been established, the call will be routed to the customer. TFC calls may be routed to different customers based on the local access transport area in which the call originates, however, calls originating from an end office switch not included in the customer's area of service for TFC Access Service will not be completed.

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ACCESS SERVICE

6.	Switched	Access Service	(Cont	di
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6.2 Provision and Description of Switched Access Service Feature (R)
Groups (Cont'd) Public Service Comments

6.2.5 Miscellaneous Switched Access Service (Cont'd)

(B) Toll Free Code (TFC) Access Service

(T)

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(T)

Description

TFC Access Service is an originating trunk side (T)switched service that is available to the (T) customer via TFC Access Service trunk groups, or may be provided in conjunction with FGB, FGC, or FGD. The service provides for the forwarding of end user dialed TFC calls to a Telephone Company (T)Service Switching Point (SSP) which will (T)initiate a TFC data base query to the Telephone Company's TFC data base to perform the customer identification function. The call is forwarded to the appropriate customer based on the dialed TFC number. The customer has the option of (T)having the TFC dialed number (i.e., TFC-NXX-XXXX), or, if the TFC to Local Exchange Number Translation optional feature described in (T) Section 6.2.5 is specified, a translated ten digit local exchange number (i.e., NPA-NXX-XXXX), delivered to the customer premises.

No access code is required for TFC Access Service. When the TFC call is originated by an end user, the Telephone Company will perform the TFC data base query based on the dialed digits to determine the customer location to which the call is to be routed. The TFC data base query will be performed from suitably equipped end offices or access tandems. If the call originates from an end office not equipped to perform the TFC data base query, the call will be routed to an access tandem at which the query function is available. Once customer identification has been established, the call will be routed to the customer. TFC calls may be routed to different customers based on the local access transport area in which the call originates, however, calls originating from an end office switch not included in the customer's area of service for TFC Access Service will not be completed.

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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

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April 29, 1996

First Revised Page 200 Cancels Original Page 200

ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
 - 6.2.5 <u>Miscellaneous Switched Access Service</u> (Cont'd)

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- (B) 800 Access Service
 - (1)Description

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800 Access Service is an originating trunk side switched service that is available to the customer via 800 Access Service trunk groups, or may be provided in conjunction with FGB, FGC, or FGD. The service provides for the forwarding of end user dialed 800 calls to a Telephone Company Service Switching Point (SSP) which will initiate an 800 data base query to the Telephone Company's 800 data base to perform the customer identification function. The call is forwarded to the appropriate customer based on the dialed 800 number. The customer has the option of having the 800 dialed number (i.e., 800-NXX-XXXX), or, if the 800 to Local Exchange Number Translation optional feature described in Section 6.2.5 is specified, a translated ten digit local exchange number (i.e., NPA-NXX-XXXX), delivered to the customer premises.

No access code is required for 800 Access Service. When the 800 call is originated by an end user, the Telephone Company will perform the 800 data base query based on the dialed digits to determine the customer location to which the call is to be routed. data base query will be performed from suitably equipped end offices or access tandems. If the call originates from an end office not equipped to perform the 800 data base query, the call will be routed to an access tandem at which the query function is available. Once customer identification has been established, the call will be routed to the customer. 800 calls may be routed to different customers based on the local access transport area in which the call originates, however, calls originating from an end office switch not included in the customer's area of CANCED will not be completed. service for 800 Aq

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ISSUED: March 31, 1993 Vice President - Administration Service Commission
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ACCESS SERVICE

- Switched Access Service (Cont'd)
 - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
 - 6.2.5 <u>Miscellaneous Switched Access Service</u> (Cont'd)
 - (B) 800 Access Service

800 Access Service is an originating offering utilizing trunk side Switched Access Services. 800 Access Service allows the customer's end user to originate 800 calls on a one plus basis without the use of an access code. The customer will be identified from the dialed 800 telephone number.

When a customer's end user originates s 1+800+NXX+XXXX call, the Telephone Company will perform the customer identification function at an 800 Access Service Screening Office to determine the customer to which the call is to be routed. The customer identification function will consist of the 800 Access Service Screening Office examining the 800 - NXX digits to determine which customer should receive the call. If an 800 Access Service call originates at an office not equipped to provide the customer identification function, the call will be routed to an office where the function is available.

800 Access Service may be provided as either a joint provided or a non-joint provided service. Under the joint provided option, customers must complete 800 traffic to WATS Access Line Service, while under the non-joint provided option customers may complete their 800 traffic to WATS Access Line Service, Special Access, common lines or other facility arrangements. When WATS Access Lines are utilized for the completion of terminating 800 Access Services traffic, the customer's 800 Access Services within the State of Missouri that terminate on these WATS Access Lines, must all be all joint provided, or they must all be non-joint provided.

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BY: John L. RoellSSOURI

Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 MO. FULLIS SELECTIVE:

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ISSUED: September 17, 1992