ACCESS SERVICE

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

- 6.1 <u>General</u> (Cont'd)
 - 6.1.3 <u>Rate Categories</u> (Cont'd)
 - (A) <u>Access Connections</u>

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.

ISSUED: March 30, 2007

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

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



Original Page 149

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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.1 <u>General</u> (Cont'd)
 - 5.1.3 <u>Rate Categories</u> (Cont'd) Constant Source Commission
 - (A) <u>Access Connections</u>

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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ACCESS SERVICE

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

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

(1) <u>Reserved For Future Use</u>

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ACCESS SERVICE

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

6.1.3 Rate Categories (Cont'd)

Original Page 150

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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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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)

- 6.1 <u>General</u> (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, fourwire, 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 fourwire 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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> CANCELED July 1, 2012 Missouri Public Service Commission TT-2012-0317, YI-2012-0635

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



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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 <u>Rate Categories</u> (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 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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EFFECTIVE: February 15, 2002

ISSUED: January 15, 2002 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101

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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



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

ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.1 <u>General</u> (Cont'd)
 - 6.1.3 <u>Rate Categories</u> (Cont'd)
 - (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 022000 By 15t RP 151 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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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)

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

- 6.1 <u>General</u> (Cont'd)
 - 6.1.3 <u>Rate Categories</u> (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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> CANCELED July 1, 2012 Missouri Public Service Commission TT-2012-0317, YI-2012-0635

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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)

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 fourwire 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 Krispour Public

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ACCESS SERVICE

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

6.1.3 <u>Rate Categories</u> (Cont'd)

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- Fublic Service Commission (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)(k)

(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.

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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.

ISSUED: September 17, 1992

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

- 6.1 <u>General</u> (Cont'd)
 - 6.1.3 <u>Rate Categories</u> (Cont'd)
 - (B) Local Transport (Cont'd)
 - (2) Interface Groups (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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> Missouri Public Service Commission

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ACCESS SERVICE

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

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

6.1.3 <u>Rate Categories</u> (Cont'd)

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

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

- 6.1 <u>General</u> (Cont'd)
 - 6.1.3 <u>Rate Categories</u> (Cont'd)
 - (B) Local Transport (Cont'd)
 - (2) Interface Groups (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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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)
 - (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 twoway calling which is E&M signaling, will be reverse battery signaling.

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ACCESS SERVICE

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

BY: John L. Roe

Vice President - Administration

5454 West 110th Street

Overland Park, Kansas 66211

(b) <u>Interface Group 2 (USOC TPP2X)</u> (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.

(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 alarm 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.

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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)
 - (2) Interface Groups (Cont'd)

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ACCESS SERVICE

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

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- (2) <u>Interface Groups</u> (Cont'd)
 - (d) <u>Interface Group 4</u> (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; Group are reserved for Telephone Company use, e.g., pilot and carrier group alarmony 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) Local Transport (Cont'd)
 - (2) Interface Groups (Cont'd)

Missouri Public Sarvice Commission

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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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ISSUED: May 3, 2000 Richard D. Lawson State Executive, External Affairs EFFECTIVE: June 2, 2000 Embarq Missouri, Inc. d/b/a CenturyLink

Fourth Revised Page 157 Cancels Third Revised Page 157

ACCESS SERVICE

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

- 6.1 <u>General</u> (Cont'd)
 - 6.1.3 <u>Rate Categories</u> (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:

(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 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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CANCELLED July 1, 2021 Missouri Public Service Commission JI-2021-0199 Gary L. Kepley Director - Regulatory Operations 600 New Century Parkway New Century, Kansas 66031 EFFECTIVE: July 1, 2017

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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.1 <u>General</u> (Cont'd)
 - 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. NOV 7 1992

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

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ACCESS SERVICE

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

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

(B)	Switched Transport (Cont'd)	(C)

(3) <u>Tandem-Switched Transport</u>

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:

(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 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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ISSUED: CANCELLED May 1, 2012 July 1, 2017 Missouri Public Service Commission YI-2017-0229 Gary L. Kepley FILED EFFECTIVE: Director - Regulatory Operations 5454 W. 110th Street Service Commission Overland Park, Kansas 66211 TT-2012-0317, YI-2012-0635

Second Revised Page 157 Cancels First Revised Page 157

ACCESS SERVICE

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

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

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

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

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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.1 <u>General</u> (Cont'd)
 - 6.1.3 <u>Rate Categories</u> (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)
 - 6.1 <u>General</u> (Cont'd)
 - 6.1.3 <u>Rate Categories</u> (Cont'd)
 - (B) Local Transport (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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(h) Interface Group 8 (USOC TPP8X)

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

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

BY: John L. Roe

Vice President - Administration

5454 West 110th Street

Overland Park, Kansas 66211

(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.

(1) 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. <u>Switched Access Service</u> (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 <u>Rate Categories</u> (Cont'd)
 - (B) Local Transport (Cont'd)
 - (2) Interface Groups (Cont'd)
 - (d) Interface Group 9 (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.

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

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- 6.1 <u>General</u> (Cont'd)
 - 6.1.3 <u>Rate Categories</u> (Cont'd)
 - (B) <u>Local Transport</u> (Cont'd)
 - (2) <u>Interface Groups</u> (Cont'd)
 - (i) <u>Interface Group 9 (USOC TPP9X)</u> (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.

() 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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б. 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)

(e) Available Premises Interface Codes

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

	Interface <u>Group</u>	Telephone Company Switch Supervisory Signaling	Premises Interface Code	Featur A B	re G	Troup D	
	1	LO	2LS2	х			
		LO	2LS3	х			
		GO	2GS2	Х			
		GO	2GS3	Х			
Se	Missouri Pub Nice Commic	lic Dalor					(D)
	THEN ILIN 0.2 2	000 rv, EA, EB, EC	0 - 11 0				(D)
1			2DX3	X		X	()]
		RV, EA, EB, EC	4 EA2-E	X		X	(N)
		RV, EA, EB, EC	4 EA 3 - E	X		X X	()]]
1		RV, EA, EB, EC	4 EA2 - M		X		(N)
		RV, EA, EB, EC	4 EA3-M	X		X	() (
		RV, EA, EB, EC	6EB2-E	X		X	(N)
		RV, EA, EB, EC	6EB3-E	X	X	X	(51)
		RV, EA, EB, EC	6EB2-M	X	X	X	(N)
		RV, EA, EB, EC	6EB3-M	Х	Х	X	
		EA, EB, EC	6EC2		Х	х	(N)
		EA, EB, EC	6EC3		Х	х	
		RV	2RV3-0	X		Х	
1		RV	2RV3-T	Х	Х	Х	
		CCS	2NO2			Х	(N)
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- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.1 <u>General</u> (Cont'd)

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

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

(k) <u>Available Premises Interface Codes</u>

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.

	Telephone	Premises	
Interface	Company Switch	Interface	Feature Group
Group	Supervisory Signaling	<u>Code</u>	<u>A B C D</u>
1	LO	2L\$2	x
	LO	2LS3	Х
	GO	2GS2	х
	GO	2GS3	х
	LO, GO	2DX3	x
	LO, GO	4EA3-E	х
	LO, GO	4EA3-M	x
	LO, GO	6EB3-E	X
	LO, GO	6EB3-M	x
	RV, EA, EB, EC	2DX3	x x x
	RV, EA, EB, EC	4EA3-E	X X X
	RV, EA, EB, EC	4EA3-M	X X X
	RV, EA, EB, EC	6EB3-E	x
	RV, EA, EB, EC	6EB3-M	
	EA, EB, EC	6EC3	X X XIIIII
	RV	2RV3-0	
	RV	2RV3-T	x x x x x X0 x 7 1992
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ACCESS SERVICE

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

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Interface Group	Telephone Company Switch Supe <u>rvisory Signaling</u>	Premises Interface Code	Feature Group A B C D
2	LO, GO	4SF2	Х
	LO	4L52	(D) X (D)
	GO	4GS2	(D) X
			(D) (D)
			(D)
	LO, GO	6EX2-B	(D) X
	RV, EA, EB, EC	4SF2	х х х х (D)
	RV, EA, EB, EC	4DX2	(D) X X X (D)
	RV, EA, EB, EC RV, EA, EB, EC	6DX2 6EA2-E	X X X X
	RV, EA, EB, EC RV, EA, EB, EC	6EA2-M 8EB2-E	X X X X X X
	EA, EB, EC RV	8EC2-M 4RV2-0	X X X X X
	RV	4RV2-T	X X X (D)
	CCS	4NO2	(D) X (N)



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

(B) Local Transport (Cont'd)

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

	(k) <u>Available</u> (Cont'd)	Premises Inte	erface Codes
	Telephone	Premises	
Interface	Company Switch	Interface	Feature Group
Group	Supervisory Signaling	Code	A B C D
2	LO, GO		
L	-	4SF2	X G
	LO, GO	4SF3	ED x x x x x x x x x x x x x x x x x x x
	LO	4LS2	
	LO	4LS3	CANCELLED JUN 0 2 2000
	LO	6LS2	
	GO	4GS2	x H ~~~ ON
	GO	4G\$3	x D ⊂ × ex
	GO	6GS2	NUN JUN XXX
	LO, GO	4DX2	X X 2. 5M
	LO, GO	4DX3	x O , w
	LO, GO	6EA2-E	x Sil
	LO, GO	6EA2-M	x [–] 9
	LO, GO	8EB2-E	Public Se
	LO, GO	8EB2-M	x
	LO, GO	6EX2-B	х
	RV, EA, EB, EC	4SF2	x x x
	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	xxx
	RV, EA, EB, EC	6EA2-M	XXX
	RV, EA, EB, EC	8EB2-E	X X X
	RV, EA, EB, EC	8EB2-M	X X X
	EA, EB, EC	8EC2-M	XX
	RV		
		4RV2-0	XXX
	RV	4RV2-T	XXX
	RV	4RV3-0	X X X X
	RV	4RV3-T	

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6. Switched Access Service (Cont'd)

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

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

(2) Interface Groups (Cont'd)

(e) <u>Available Premises Interface Codes</u> (Cont'd) (T)

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface Code	Feature Group A B C D (D)
6	LO, GO LO, GO RV, EA, EB, EC RV, EA, EB, EC CCS CCS CCS CCS	4DS9-15 4DS9-15L 4DS9-15 4DS9-15L 4DS9-15 4DS9-15 4DS9-15N 4DS9-15N 4DS9-18N 4DS9-18B	(D) X X X X X X X X X X (N) X X (N) X X (N) (D)
9	LO, GO LO, GO RV, EA, EB, EC RV, EA, EB, EC CCS	4DS6-44 4DS6-44 4DS6-44 4DS6-44 4DS6-44 4DS6-44	(D) X X X X X X X X X X X X (N)
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6.1.3	Rate Categor	<u>cies</u> (Cont'd)	C .			list	SOURI
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UANUELLEU	(B) <u>Local</u>	Transport (Cont'd)				
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		(h) Andlahla N	wamiaaa Tato			. <i>d</i>	-
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MISSOURI	Telepl	none	Premises				
Interface	Company !		Interface				roup
Group	<u>Supervisory</u>	Signaling	<u> Code </u>	<u>A</u>	B	<u>C</u>	<u>D</u>
3	LO, GO		4AH5-B	x			
5	RV, EA, EB,	EC	4AH5-B	A	x	х	x
	,,,	20	41410 2				
4	LO, GO		4AH6-C	X			
	RV, EA, EB,	EC	4AH6-C		X	Х	х
•							
5	LO, GO DV FA FB	FC	4AH6-D 4AH6-D	х	х	х	Y
•	RV, EA, EB,	EC.	4Ano-D		^	Λ	л
6	LO, GO		4DS9-15	Х			
	LO, GO		4DS9-15L	X			
	RV, EA, EB,	EC	4DS9-15		Х	Х	X
	RV, EA, EB,	EC	4DS9-15L		X	X	X
7	LO, GO		4DS9-31	X			
	LO, GO		4DS9-31L	Х	v	v	v
	RV, EA, EB,		4DS9-31		X	X X	
	RV, EA, EB,	EC	4DS9-31L		Λ	~	Λ
8	LO, GO		4DS0-63	x			
_	LO, GO		4DSO-63L	X			
	RV, EA, EB,	EC	4DS0-63		X	X	X
	RV, EA, EB,		4DS0-63L		x		X
_			1000 11				
9	LO, GO		4DS6-44	X			
	LO, GO	50	4DS6-44L	X	v	v	v
	RV, EA, EB,		4DS6-44			X	
	RV, EA, EB,	EC	4DS6-44L		X	X	X
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- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 <u>Rate Categories</u> (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

Cancelled April 30, 2007 Missouri Public Service Commission

ACCESS SERVICE

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

Interface Group	Telephone , Company Switch <u>Supervisory Signaling</u>	Premises Interface <u>Code</u>	Feature Group A B C D
10	LO, GO	4DS6-27	х
	LO, GO	4DS6-27L	Х
	RV, EA, EB, EC	4DS6-27	ххх
:	RV, EA, EB, EC	4DS6-27L	ххх

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

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ACCESS SERVICE

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

(a) <u>Supervisory Signaling</u>

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

Cancelled April 30, 2007 Missouri Public Service Commission (T)

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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)
 - (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.

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

ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 <u>Rate Categories</u> (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 (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. 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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ISSUED: September 17, 1992

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

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Missouri Public Service Commission

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ACCESS SERVICE

- Switched Access Service (Cont'd) б.
 - 6.1 General (Cont'd)
 - 6.1.3 Rate Categories (Cont'd)
 - (B) Local Transport (Cont'd)
 - (3) Nonchargeable Optional Features (Cont'd)
 - (a) Supervisory Signaling (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) Improved Return Loss

This feature provides Improved Return Loss, expressed as Echo Return Loss and Singing Return Loss, on two-wire ports of a fourwire 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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Richard D. Lawson May 3, 2000 State Executive, External Affairs

EFFECTIVE: June 2, 2000

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ACCESS SERVICE

- Switched Access Service (Cont'd) 6.
 - General (Cont'd) 6.1
 - 6.1.3 <u>Rate Categories</u> (Cont'd)
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- Local Transport (Cont'd)
- Public Service Commission
 - (3)Nonchargeable Optional Features (Cont'd)
 - Supervisory Signaling (Cont'd) (a)
 - 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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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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ACCESS SERVICE

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

- 6.1 <u>General</u> (Cont'd)
 - 6.1.3 <u>Rate Categories</u> (Cont'd)
 - (B) <u>Local Transport</u> (Cont'd)
- MO. PUBLIC SERVICE COMM.
- (3) <u>Nonchargeable_Optional_Features</u> (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.

(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.

- (4) <u>Chargeable Optional Features</u>
 - (a) <u>Provision of Other Than Telephone Company</u> <u>Selected 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, 800 and 900 Access Service.

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January 11, 1995 Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211 (C)



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

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) <u>Chargeable Optional Features</u>
 - (a) <u>Provision of Other Than Telephone Company</u> <u>Selected 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 direction 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

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ACCESS SERVICE

First Revised Page 166 Cancels Original Page 166

6. Switched Access Service (Cont'd)

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

6.1.3 <u>Rate Categories</u> (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>

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.

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 93 - 181 NOV 7 1993 November 7, 1993 Overland Park, Kansas 66211

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ACCESS SERVICE

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

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) Customer Specification of Local Transport **Termination**

> 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 MO. WELLE Standard Blanks. includes the Local Switching.

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

б. Switched Access Service (Cont'd)

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

6.1.3 <u>Rate Categories</u> (Cont'd)

(C) Local Switching (Cont'd)

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> EFFECTIVE: November 7, 1993

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April 30, 2007 Missouri Public Service Commission November 3, 1993

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)

(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.

Local_Switching (1)

> 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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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)

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

(M) This material previously appeared on Page 166.

ISSUED: May 1, 2012 CANCELLED July 2, 2013 Missouri Public Service Commission JI-2013-0492 Gary L. Kepley FILED EFFECTIVE: Director - Regulatory Operations 5454 W. 110th Street Service Commission Overland Park, Kansas 66211 TT-2012-0317, YI-2012-0635 Embarq Missouri, Inc. d/b/a Embarq

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ACCESS SERVICE

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

- 6.1 <u>General</u> (Cont'd)
 - 6.1.3 <u>Rate Categories</u> (Cont'd)
 - (C) Local Switching (Cont'd)
 - (1) Local Switching (Cont'd)

ISSUED: March 30, 2007

CANCELLED October 19, 2009 Missouri Public Service Commission TN-2010-0086; JI-2010-0159 Mark D. Harper Director - State Regulatory 5454 W. 110th Street Overland Park, Kansas 66211 EFFECTIVE: April 30, 2007



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6. Switched Access Service (Cont'd)

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

6.1.3 Rate Categories (Cont'd)

(C) Local Switching (Cont'd)

(1) Local Switching (Cont'd)

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

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ACCESS SERVICE

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

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.

Commission various optional features which the customer can order to meet its specific communications requirements. These optional features are described in 6.3.1 following.

(b) <u>Transport Termination</u>

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

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 <u>Switched Access Service</u> (Cont'd) <u>General</u> (Cont'd) 	NOV D COER
6.1.3 <u>Rate_Categories</u> (Cont'd)	
(C) <u>Local Switching</u> (Cont'd)	(T)

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ISSUED: November 3, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE: November 7, 1993

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ACCESS SERVICE

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

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)

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

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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 (T) Company's TFC data base. Per query charges will be (T) 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) <u>900 Access Service Nonrecurring Charges</u>

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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EFFECTIVE: April 29, 1996

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

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ACCESS SERVICE

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

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(D) <u>800 Access Service</u>

6.1.3 <u>Rate Categories</u> (Cont'd)

The 800 Access Service Data Base Quelly, Diblig SPACE COMM. 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) <u>900 Access Service Nonrecurring Charges</u>

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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ACCESS SERVICE

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

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(D) <u>800 Access Service</u>

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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> EFFECTIVE: November 7, 1993

ISSUED: November 3, 1993 BY: John L. Roe Vice President-Administration 5454 West 110th Street Overland Park, Kansas 66211 P.S.C. MO.-No. 26

UNITED TELEPHONE COMPANY OF MISSOURI

ACCESS SERVICE

ACCESS 6. <u>Switched_Access Service</u> (Cont'd) 6.1 <u>General</u> (Cont'd)

6.1.3 <u>Rate Categories</u> (Cont'd)

- (C) <u>End Office</u> (Cont'd)
 - (3) <u>Intercept Rate</u>

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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NOV 7 1993 NOV 7 1993 NOV 7 1993 NOV 7 1993 Intercept rates are assessed to a customer based on the total number of access minutes. Intercept rates are applied as set forth in 6,8.3(C) following. The application of these BY Service Commission MISSOURI MISSOURI Set forth in 6.7.1(D) following.

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

(D) <u>800 Access Service</u>

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 FIDY C 11993 regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only), are as ICE 2000. 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



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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - 6.1 General (Cont'd)
 - 6.1.3 <u>Rate Categories</u> (Cont'd)
 - (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 1 1554 10 MAY 1 1554 10 Intercept rates are assessed to a customer based MAY 1 1550 On the total number of access minutes. Intercept rates are applied as set form BY 100 COMMISSION ON the total number of access minutes. Intercept rates are applied as set form 6.8.3(C) following. The arriter rates with respective is a call, as

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: 19992 ···· NOV 7 1992

ISSUED: September 17, 1992

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

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

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

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- 6.1.3 <u>Rate_Categories</u> (Cont'd)
 - (E) <u>900 Access Service Nonrecurring ChargeslikContraliceCOMM</u>.

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) <u>500 Access Service</u>

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.
- (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 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

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

Cancelled April 30, 2007 Missouri Public Service Commission (M) (M) SPRINT MISSOURI, INC. d/b/a SPRINT

Fourth Revised Page 171 Cancels Third Revised Page 171

ACCESS SERVICE

Missouri Public Service Commission

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- Switched Access Service (Cont'd) б.
 - 6.1 General (Cont'd)
 - 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, Cmessage 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 fourwire to two-wire conversion in Local Transport), balance parameters (equal level echo path loss) may also be tested.

FILED JUN 02 2000 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 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

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б. Switched Access Service (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.).

Provision and Description of Switched Access Service Feature 6.2 Groups

BY: John L. Roe

5454 West 110th Street Overland Park, Kansas 66211

Switched Access Service is provided in four different Feature Group arrangements and as Interim 500, TFC and 900 Access Service. (T)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 いいにに別

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EFFECTIVE: April 29, 1996

ISSUED: March 27, 1996 Vice President - Carrier and Regulatory Services

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6.1 <u>General</u> (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.

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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 Provision and Description of Switched Access Service Feature Groups

Switched Access Service is provided in four different Feature Group arrangements and as Interim 500, 800 and 900 Access Service. (C) 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.

BY: John L. Roe Carrier

5454 West 110th Street Overland Park, Kansas 66211

Public Service Commission

MISSOURI Public Service Commission February 11, 1995 Vice President - Carrier and Regulatory Services

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ISSUED: January 11, 1995

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

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 Feature 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.

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> EFFECTIVE: May 1, 1993

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Public Service Commission BY: **public**. Service SOURI Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

Switched Access Service is ordered under the Access MAY = 1.1993 # provisions set forth in 5. preceding that section are other charges which may be associated with Commission ordering Switched Access Service (e.g., Servin shuce 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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EFFECTIVE: 17 S=1992.2.5. NOV 7 1992

ISSUED: September 17, 1992

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

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

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

There are three specific transmission specifications (i.e., Opperation) 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

March 27, 1996 Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

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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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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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ISSUED: January 11, 1995 MISSOURI Public Service Commission EFFECTIVE: February 11, 1995

11, 1995 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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6.2 <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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EFFECTIVE: November 7, 1993

ISSUED: November 3, 1993 BY 3 NA A S#172 Public Service Commission Public Service Commission BY: John L. Roe Vice President-Administration 5454 West 110th Street Overland Park, Kansas 66211 (T)

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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 MO. PHELIC SERVICE COMO Groups (Cont'd)

There are three specific transmission specifications (i.e., Types (M) 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 (M) 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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EFFECTIVE: May 1, 1993

ISSUED: March 31, 1993

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

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

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

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: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE: NOV 7 1992
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6. <u>Switched Access Service</u> (Cont'd)

Provision and Description of Switched Access Service Feature Groups (Control)

- 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.
 - (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.

Missouri Public

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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

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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)
 - (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

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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) WISSOURI

Public Service Commission

6.2.1 Feature Group A (FGA)

(A) <u>Description</u>

- (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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- 6.2 <u>Provision and Description of Switched Access Service FSEDure</u> 7 1992 <u>Groups</u> (Cont'd) MISSOURI
 - 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 Local Transport provided.

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- 6.2 <u>Provision and Description of Switched Access Service Feature</u> 7 1992 Groups (Cont'd)
 - 6.2.1 Festure Group A (FGA) (Cont'd)

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

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

Provision and Description of Switched Access Service Feature 17 1992 6.2 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**

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

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ISSUED: September 17, 1992

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- 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)
 - (1) Local Switching Optional Features (Cont'd)
 - (g) Two-way operation with dial pulse address signaling and loop start supervisory signaling.
 - (h) Two-way operation with dial pulse address signaling and ground start supervisory signaling.
 - Two-way operation with dual tone multi-frequency address signaling and loop start supervisory signaling
 - (j) Two-way operation with dual tone multi-frequency address 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 ground start super-visory signaling
 - (m) Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling
 - Terminating operation with dual tone multi-frequency address signaling and ground start supervisory signaling
 - (o) Originating operation with loop start super-visory signaling
 - (p) Originating operation with ground start supervisory signaling
 - (q) Call Screening
 - (r) Call Restriction
 - (2) Local Transport Optional Features
 - Supervisory Signaling (as set forth in 6.1.3(B)(3)(a) preceding)
 - (b) Improved Return Loss
 - (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:



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ISSUED: November 29, 2000 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: December 29, 2000 Missouri Public Servico Commiscion

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- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.2 <u>Provision and Description of Switched Access Service Feature</u> <u>Groups</u> (Cont'd) MO. PUBLIC SER/ICE CORMA.
 - 6.2.1 <u>Feature Group A (FGA)</u> (Cont'd)
 - (B) Optional Features (Cont'd)
 - Local Switching Optional Features (Cont'd)
 - (g) Two-way operation with dial pulse address signaling (1) and loop start supervisory signaling.
 (h) Two-way operation with dial pulse address signaling (1)
 - (h) Two-way operation with dial pulse address signaling (1) and ground start supervisory signaling.
 (i) Two-way operation with dual tone multifrequency (1)
 - (i) Two-way operation with dual tone multifrequency (1) address signaling and loop start supervisory signaling
 (i) Two way operation with dual tone multifrequency (1)
 - (j) Two-way operation with dual tone multifrequency (address signaling and ground start supervisory signaling ,
 - (k) Terminating operation with dial pulse address
 (1) signaling and loop start supervisory signaling
 - (1) Terminating operation with dial pulse address
 (1) signaling and ground start supervisory signaling
 (1) Terminating operation with dual tone multifrequency
 (1)
 - (m) Terminating operation with dual tone multifrequency
 address signaling and loop start supervisory signaling
 (n) Terminating operation with dual tone multifrequency
 (1)
 - (n) Terminating operation with dual tone multifrequency
 address signaling and ground start supervisory
 signaling
 - (0) Originating operation with loop start supervisory (1, signaling
 - (p) Originating operation with ground start supervisory (1)
 signaling
 - (2) Local Transport Optional Features
 - (a) Supervisory Signaling (as set forth in 6.1.3(B)(3)(a) preceding)
 - (b) Improved Return Loss
 - (3) Certain other features which may be available in connection (T) with Feature Group A are provided under the Telephone Company's local and/or general exchange service tariffs. These are:

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

(B) Optional Features (Cont'd)

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- (2) Transport Termination Optional Features
 - Two-way operation with dial pulse address (a) signaling and loop start supervisory signaling.
 - (b) Two-way operation with dial pulse address signaling and ground start supervisory signaling.
 - Two-way operation with dual tone multifrequency (c) address signaling and loop start supervisory signaling
 - Two-way operation with dual tone multifrequency (d) 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
 - Terminating operation with dual tone (h) multifrequency address signaling and ground start supervisory signaling
 - (i) Originating operation with loop start supervisory signaling
 - (j) Originating operation with ground start CANCELLED supervisory signaling
- (3) Local Transport Optional Features
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- BY 1st R.S. #177 Supervisory Signaling (as set forth in (a) Public Service Commissio 6.1.3(B)(3)(a) preceding)
- (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, service tariffs. These are:

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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)
 - 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 DB Data Transmission Parameters are provided with FGA to the first point of switching.

(C) (C)

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

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

- 6.2 <u>Provision and Description of Switched Access Service Feature</u> <u>Groups</u> (Cont'd) MC. PUBLIC SERVICE COMM.
 - 6.2.1 Feature Group A (FGA) (Cont'd)
 - (B) <u>Optional Features</u> (Cont'd)
 - (3) (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.

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> EFFECTIVE: November 7, 1993

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- 6. Switched Access Service (Cont'd)
 - Provision and Description of Switched Access Service Feastere 17 1992 6.2 Groups (Cont'd)
 - 6.2.1 Feature Group A (FGA) (Cont'd)
 - **(B)** Optional Features (Cont'd)
 - (4) (Cont'd)
 - 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 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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ISSUED: September 17, 1992

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- 6. Switched Access Service (Cont'd)
 - 6.2 <u>Provision and Description of Switched Access Service Feature</u> <u>Groups</u> (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.
 - (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 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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ISSUED: May 3, 2000 Richard D. Lawson State Executive, External Affairs EFFECTIVE: June 2, 2000

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- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.2 <u>Provision and Description of Switched Access Service Feature</u> Groups (Cont'd) MISSOURI
 - 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 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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- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.2 <u>Provision and Description of Switched Access Service Feature</u> 7 1995 <u>Groups</u> (Cont'd)

6.2.2 <u>Feature Group B (FGB)</u> (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 (T) 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 (T) 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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EFFECTIVE: April 29, 1996

March 27, 1996 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)

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- 6.2 <u>Provision and Description of Switched Access Service Feature</u> 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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- 6.2 <u>Provision and Description of Switched Access Service Feature Groups</u> (Cont.d) 998
 - 6.2.2 Feature Group B (FGB) (Cont'd)
 - (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.

- (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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> EFFECTIVE : August 3, 1998

ISSUED: July 2, 1998

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April 30, 2007

Missouri Public Service Commission BY: Richard Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 (CT)

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

- (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: 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 <u>Provision and Description of Switched Access Service Feature</u> 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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ACCESS SERVICE

Missouri Public

Service Commission

Switched Access Service (Cont'd)

- 6.2 Provision and Description of Switched Access Service Feature Groups (Control N 07 2002
 - 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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Service Commission

EFFECTIVE: February 7, 2002

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

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ACCESS SERVICE

First Revised Page 182 Cancels Original Page 182

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- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.2 <u>Provision and Description of Switched Access Service Feature</u> <u>Groups</u> (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 Carrier Common Line, Local Transport, Local (T, Switching and Information Surcharge rates set forth in <math>(T)3.8 and 6.8.

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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 Peature 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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6. Switched Access Service (Cont'd)

- NOV D 1003 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd) a pony production of the activity of the pro-cent of the home many the transmission for the pro-
 - 6.2.2 Feature Group B (FGB) (Cont'd)
 - **Optional Features** (B)
 - Local Switching Optional Features (1)
 - Automatic Number Identification (ANI) (a)
 - Up to 7 Digit Outpulsing of Access Digits to (b) 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 (f) 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
 - Provision of Other Than Telephone Company (a) Selected Traffic Routing
 - Customer Specification of Feature Group (b) Directionality
 - (c) Customer Specification of Local Transport Termination

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ISSUED: November 3, 1993

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)

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- 6.2 <u>Provision and Description of Switched Access Service Feature</u> Commission <u>Groups</u> (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) <u>Transport Termination Optional Features</u>
 - (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 EFFECTIVE: **Autobol** NOV 7 1992 SPRINT MISSOURI, INC. d/b/a SPRINT Second Revised Page 184 Cancels First Revised Page 184

> Missouri Public Service Commission

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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)
 - 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.

(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) (T)



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ACCESS SERVICE

First Revised Page 184 Cancels Original Page 184

- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.2 <u>Provision and Description of Switched Access Service Feature</u> <u>Groups</u> (Cont'd)
 - 6.2.2 Feature Group B (FGB) (Cont'd)
- MO. PUBLIC SETVICE COMIT.
- (B) <u>Optional Features</u> (Cont'd)
 - (3) Another feature, Bill Number Screening, which may be (1) 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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6. <u>Switched Access Service</u> (Cont'd)

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

Switched Access Service (Cont'd)

- 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 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.

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- REC'D FEB 0 9 2000
- Provision and Description of Switched Access Service Feature 6.2 Groups (Cont'd)
 - 6.2.2 Feature Group B (FGB) (Cont'd)

Switched Access Service (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
 - (C) (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 (C) 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

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

Switched Access Service (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) <u>Description</u>
 - (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 is a signaling except in certain electromechanical end office switches where multifrequency OV 7 1992 signaling is not available. In

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> ISSUED: September 17, 1992

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Missouri Public Service Commission

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6. Switched Access Service (Cont'd)

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

(3) (Cont'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)

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- 6.2 <u>Provision and Description of Switched Access Service Feature</u>Commission <u>Groups</u> (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 EFFECTIVE: October 1997 NOV 7 1992

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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)
 - 6.2.3 Feature Group C (FGC) (Cont'd)
 - (A) Description (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-1T) 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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> EFFECTIVE : August 3, 1998

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April 30, 2007

Missouri Public Service Commission

ISSUED:

July 2, 1998

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

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

- 6.2 <u>Provision and Description of Switched Access Service Feature</u> 1995 <u>Groups</u> (Cont'd)
 - 6.2.3 <u>Feature Group C (FGC)</u> (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 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 combined in a single trunk group at the option of the CANCELLED ephone Company.

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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 (C)

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

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MISSOURL 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 EFFECTIVE: Docober: 17:5: 1992 NOV 7 1992
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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> Groups (Cont'd) **Public Service Commissio**
 - 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
 - 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
 (T) Telephone Trunks are provided only at
 (T) Telephone Company electronic end offices and other Telephone Company end offices where equipment is available.)



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BY: John L. Roe VP - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211 P.S.C. MO-No. 26

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ACCESS SERVICE

First Revised Page 188 Cancels Original Page 188

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

- 6.2 <u>Provision and Description of Switched Access Service Feature</u> 1993 <u>Groups</u> (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)
 - (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
 - Band Advance Arrangement for Use with WATS Access Line Service.
 - (o) Operator Trunks i.e., Coin, Non-Coin and (T) 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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EFFECTIVE: November 7, 1993

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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)

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

- 6.2.3 Feature Group C (FGC) (Cont'd)
 - **(B)** Optional Features (where equipment is available)
 - Common Switching Optional Features (1)
 - Automatic Number Identification (ANI) (a)
 - Service Class Routing (b)
 - Dial Pulse Address Signaling (C)
 - (d) Revertive Pulse Address Signaling
 - (e) Delay Dial Start-Pulsing Signaling
 - (f) Immediate Dial Pulse Address Signaling
 - Panel Call Indicator Address Signaling (g)
 - (h) Alternate Traffic Routing
 - Trunk Access Limitation (i)

End Office End User Line Service Screening for Use with WATS Access Line Service nission Hunt Group Arrangement for Use with WATS Access Line Service

- 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 Service
- Band Advance Arrangement for Use with WATS (n) Access Line Service.
- Transport Termination Optional Features (where (2) 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.)

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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

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

REC'D JAN 07 2002 Provision and Description of Switched Access Service Feature Groups (Cont'd)

- 6.2.3 <u>Feature Group C (FGC)</u> (Cont'd)
 - (B) <u>Optional Features</u> (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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EFFECTIVE: February 7, 2002



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

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Service Commission

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Missouri Public Service Commission

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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- 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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ISSUED: May 3, 2000 Richard D. Lawson State Executive, External Affairs EFFECTIVE: June 2, 2000 P.S.C. MO-No. 26

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First Revised Page 189 Cancels Original Page 189

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

- 6.2 <u>Provision and Description of Switched Access Service Feature</u> 1993 <u>Groups</u> (Cont'd)
 - 6.2.3 <u>Feature Group C (FGC)</u> (Cont'd) MO. PUBLIC SENINCE COMMA
 - (B) <u>Optional Features</u> (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) <u>Transmission Specifications</u>

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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EFFECTIVE: November 7, 1993

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

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ACCESS SERVICE

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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 103 Commissic
 - 6.2.3 Feature Group C (FGC) (Cont'd)
 - (B) <u>Optional Features</u> (where equipment is available) (Cont'd)
 - (3) Local Transport Optional Features
 - (a) Supervisory signaling (as set forth in 6.1.3(B)(3)(a) preceding).
 - (C) <u>Transmission Specifications</u>

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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Original Page 190

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ACCESS SERVICE

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

SEP 17 1992

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

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- **Description** (A)
 - (1)FGD is provided at Telephone Company designated electronic end office switches whether routed directly or via Telephone Company designated electronic access tandem switches.
 - FGD is provided as trunk side switching through (2) 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 1.57

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

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(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

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> EFFECTIVE : August 3, 1998

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

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ACCESS SERVICE

First Revised Page 192 Cancels Original Page 192

б. Switched Access Service (Cont'd)

- 6.2 Provision and Description of Switched Access Groups (Cont'd)
 - 6.2.4 Feature Group D (FGD) (Cont'd)
 - <u>Description</u> (Cont'd) (A)
 - (4)(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 and 10XXX 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 10XXX or 101XXXX. These (C) uniform access codes will be the assigned access numbers of all FGD access

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BY: John L. Roe

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

BY_12+R.5. \$192 community information service Rubbe Salvice 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 sa numbera 1992 of all FGD access

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

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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- 6.2 <u>Provision and Description of Switched Access Service Feature Groups</u> (Cont'd)
 - 6.2.4 Feature Group D (FGD) (Cont'd)
 - (A) Description (Cont'd) MO. PUBLIC SERVICE GUMM
 - (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 cutthrough 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 (CT) exchange service line may be marked with a presubscription code to identify which 101XXXX code its calls will be (CT) directed to for interLATA and intraLATA service. Presubscription codes are applied as set forth in 13. following.

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> EFFECTIVE : August 3, 1998

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

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ACCESS SERVICE

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

- 6.2 <u>Provision and Description of Switched Access Service 3</u>
- 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 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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ISSUED: May 29, 1997

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

First Revised Page 193 Cancels Original Page 193

ACCESS SERVICE

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

6.2 <u>Provision and Description of Switched Access Service Feature</u> <u>Groups</u> (Cont'd) JUN 51995

- 6.2.4 Feature Group D (FGD) (Cont'd)
 - (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 (C) 101XXXX uniform access code. Each telephone (C) exchange service line may be marked with a presubscription code to identify which 10XXX or (C) 101XXXX code its calls will be directed to for (C) interLATA service. Presubscription codes are applied as set forth in 13. following.

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BY: John L. Roe

5454 West 110th Street Overland Park, Kansas 66211

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Vice President - Carrier and Regulatory Services

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- 6. <u>Switched Access Service</u> (Cont'd)
 - 6.2 <u>Provision and Description of Switched Access Service Ferrit Flate</u>
 - 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 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 (f) 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 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)
 - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
 - 6.2.4 Feature Group D (FGD) (Cont'd)
 - Description (Cont'd) (A)
 - (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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BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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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
 - 6.2.4Feature Group D (FGD) (Cont'd)
 - (B) Optional Features (where equipment is available)
 - Local Switching Optional Features (1)
 - Automatic Number Identification (ANI) (a)
 - Service Class Routing (b)
 - Alternate Traffic Routing (C)
 - Call Gapping Arrangement (d)
 - Trunk Access Limitation (e)
 - International Carrier Option (f)
 - End Office End User Line Service Screening for Use with WATS (g) Access Line Service
 - Hunt Group Arrangement for Use with WATS Access Line Service (h)
 - (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
 - Band Advance Arrangement for Use with WATS Access Line (k) Service
 - Cut-Through (I)
 - Flexible Automatic Number Identification (Flex ANI) (m)
 - Operator Trunk, Full Feature Arrangement (n)
 - Feature Group D With 950 Access (O)
 - Switched 64 Clear Channel Capability (P)
 - Multifrequency Address Signaling (q)
 - (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
 - Data Transmission Parameters (c)
 - (d) Provision of Other Than Telephone Company Selected Traffic Routing
 - Customer Specification of Feature Group Directionality (e)



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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - Provision and Description of Switched Access Service Haturg995 6.2 Groups (Cont'd)
 - 6.2.4 Feature Group D (FGD) (Cont'd)
 - MO. PUBLIC SERVICE COMM. Optional Features (where equipment is available) (B)
 - Local Switching Optional Features (1)
 - (a) 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 (i)
 - 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
 - Flexible Automatic Number Identification (m) (Flex ANI)
 - (n) Operator Trunk, Full Feature Arrangement
 - (0)Feature Group D With 950 Access
 - (2) 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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JUL 1 5 1995

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

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

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

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- Optional Features (where equipment is available 51995 (B) 3rd R.S. 195
 - Public Service Commission (1)Local Switching Optional FeaturesBY
 - Automatic Number Identification (ANT) (a)
 - (b) Service Class Routing
 - (C) Alternate Traffic Routing
 - (d) Call Gapping Arrangement
 - Trunk Access Limitation (e)
 - International Carrier Option (f)
 - (g) End Office End User Line Service Screening 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
 - (i) Nonhunting Number for Use with Hunt Group 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
 - Flexible Automatic Number Identification (m) (Flex ANI)
- (D)
- (n)Operator Trunk, Full Feature Arrangement
- (2) Local Transport Optional Features (where equipment is available)
 - Supervisory Signaling (as set forth in (a) 6.1.3(B)(3)(a) preceding)

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MO. PUBLIC SERVICE COMM.

EFFECTIVE: 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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6. <u>Switched_Access_Service</u> (Cont'd)

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

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- (B) <u>Optional Features</u> (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) (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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EFFECTIVE: May 1, 1993

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

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ACCESS SERVICE

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- б. Switched Access Service (Cont'd)
 - Provision and Description of Switched Access Service Feature 6.2 Groups (Cont'd)
 - 6.2.4 Feature Group D (FGD) (Cont'd)
 - Optional Features (where equipment is availa GANCELLED **(B)**
 - (1) Common Switching Optional Features
- MAY 1 1993 Automatic Number Identification (BNI)/2/R.S.P. (a)
 - Public Service Commissie (b) MISSOURI
 - (c) 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)

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ISSUED: September 17, 1992

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

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ACCESS SERVICE

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

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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)
 - (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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EFFECTIVE: February 7, 2002



Missouri Public Service Commission ISSUED:

January 7, 2002

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

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

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- 6.2 <u>Provision and Description of Switched Access Service Feature</u> Commission Groups (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 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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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)
 - 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

WATS Access Line Service (A)

> 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:

Originating (1)

> 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 7 1132 Telecommunications T:0V

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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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- Provision and Description of Switched Access Service Feathreen 6.2 White Service Commission Groups (Cont'd)
 - 6.2.5 Miscellaneous Switched Access Services (Cont'd)
 - <u>WATS Access Line Service</u> (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.

Terminating (2)

> 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 (T) 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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EFFECTIVE: April 29, 1996

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Missouri Public Service Commission

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)
 - MISEDUR Provision and Description of Switched Access Service 6.2 Tasion 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.

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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 Commission and Access charges as specified in this tariff ------Public Service NISSOURI 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) Terminsting

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-NOV 7 1092 joint provided 800 Access

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

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- <u>Switched Access Service</u> (Cont'd)
 - 6.2 <u>Provision and Description of Switched Access Service FeacePublic</u> <u>Groups</u> (Cont'd) <u>Public Service Commission</u>
 - 6.2.5 WATS Access Line Service (Cont'd)
 - (A) WATS Access Line Service (Cont'd)
 - (2) <u>Terminating</u> (Cont'd)

Service which utilizes terminating WATS Access Line Service for the completion of TFC Access Service (T) 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 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.

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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April 30, 2007

Missouri Public Service Commission ISSUED: March 27, 1996

, 1996 BY: John L. Roe Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211 P.S.C. MO-No. 26

Second Revised Page 199 Cancels First Revised Page 199

ACCESS SERVICE

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

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

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ISSUED: November 3, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 P.S.C. MO.-No. 26

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
 - Provision and Description of Switched Access Service Feature 6.2
 - MAR 3 1 1993 6.2.5 Miscellaneous_Switched Access Service (Cont'd)
 - MO. PUBLIC SERVICE COMM. (A) WATS Access Line Service (Cont'd)
 - (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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ISSUED: March 31, 1993

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

EFFECTIVE: May 1, 1993

ACCESS SERVICE

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

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/MASSOURI 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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EFFECTIVE:

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

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

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- 6.2 <u>Provision and Description of Switched Access Service FeatureUR</u> <u>Groups</u> (Cont'd) <u>Public Script Commercip</u>
 - 6.2.5 Miscellaneous Switched Access Service (Cont'd)
 - (B) <u>Toll Free Code (TFC) Access Service</u>
 - <u>Description</u>

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 (T)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 (T)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 (T) (T) TFC data base query based on the dialed digits (T)to determine the customer location to which the (T)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 (\top) function is available. Once customer identification has been established, the call will be routed to the customer. TFC calls may (\top) 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 (T)be completed.

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EFFECTIVE: April 29, 1996

1996 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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ACCESS SERVICE

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

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

MAR 31 1993

(B) <u>800 Access Service</u>

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(1) <u>Description</u>

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. The 800 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 SANCE will not be completed. service for 800 Aq

ISSUED: March 31, 1993

APR 29 1995 MAY 0 1 1993 Vice President - Admin**pigdie Service Commission** 5454 West 1101 EFFECTIVE 5454 West 110th Street MISSOURI May 1, 1993 Overland Park, Kansas 66211

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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>
 - 6.2.5 <u>Miscellaneous Switched Access Service</u> (Cont'd)
 - (B) <u>800 Access Service</u>

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